

The Vocabulary of Orchids: An Amateur Perspective.

Allen B.Martin

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A famous saying:

“God, give me the strength and tenacity of a weed.”
I’d like to change that from “weed” to “orchid”!

Acknowledgments

I am most grateful for the use of the World Checklist of Orchids (2003) and the World Checklist of Monocotyledons (2004), taken from the website, with the permission of **the Trustees of the Royal Botanic Gardens, Kew**. See the bibliography.

Phoenix. I could not have achieved my goal without my new friend and next-door neighbour, a knowledgeable amateur botanist and former computer teacher. What a stroke of luck, that fate brought us together. My word-processor had packed it in, I couldn’t get access to more books, was totally computer illiterate and so, my work had come to a screeching halt. He taught me how to use the computer (sufficient for my needs), found and down-loaded the orchid list on the internet (from the Royal Botanic Gardens, of Kew, England) and was always there when I needed him to fix my many foul-ups. I’d hit the wrong buttons, then go cold, “yaaaaah, what have I done?, Phoenix, **help!**” A simple “thank you” could never cover my eternal gratitude.

Mr. Roy Gifford of Umina: an orchidologist of “the old school”, a Bulbophyllum addict and a gentleman. I thoroughly enjoyed our lengthy discussions over the years and am extremely grateful for his generous openness with his extensive personal library.

The staff of Woy Woy & Gosford Public Libraries. I’m sure they thought I was quite mad, but you couldn’t wish to meet nicer people. They bent over backwards, far beyond duty, in their efforts to locate books for me.

The staff of the Library, Royal Botanic Gardens, Sydney, for their courteous consideration and assistance. The few times I visited the library they treated me like an eminent professor, not like a nobody.

Dedications

To my dear wife, Yvonne, for her tolerant patience and understanding, as over the years I bounced my ideas off her. She knew what this work meant to me and that I was totally committed (and thinks I probably should be!).

To my good friends and collecting mates, Jim Tolbert, Peter Luxford and Doug Digance, long gone to happier (orchid) hunting grounds. I know they would have revelled in being involved with this work.

Preface

“The Vocabulary of Orchids. An Amateur Perspective.” The title is **not** to disparage amateurs, it’s because I am very much an amateur and only wish I had the information, that I have gathered and set out within, c35 years ago. Sometimes, there may seem to be a lot of repetition, but each entry is different and I did it especially for those who are looking for an explanation to the way the word is spelt (ie., for line, or finger-followers, like me).

Within is my interpretation of a long list of mostly incomprehensible words pertaining to “orchids”. I have tried to translate as literally as possible and give you as accurately as I can, the meaning and/or etymological explanation of the individual words concerned and with most, I try to give an example of its use, creating a useful reference.

When you open the book, anywhere, you’ll probably say “Hey, he can’t do that!” because I’ve listed every word alphabetically, regardless of its status. The method in my madness being that I’m not attempting to be botanically scientific, I am simply trying to determine what the words mean. With many good books the author will give a small Glossary, but it never tells me what I want to know, ie. especially, what does the full generic name mean and possibly, why is it so named?

This book came about mainly from frustration, as many authors will give with their discussions, a brief, generally accepted explanation of the genus (the first word in the name), but very seldom do they explain the specific epithet (: the descriptive adjective, or the second word in the name). Plus they use so many technical, botanical terms of which the average person hasn’t any chance of deciphering (and believe me, I was very average!).

What I need is a dictionary, glossary, or whatever, that explains everything in lay-man’s language and where possible, completely cross-referenced. The old adage: you want something done, then do it yourself. Hmmm., and so the monster grew!

Often throughout the text, I am unable to determine exactly what the author is referring to eg., *cuneata* is from Latin, *cuneus*: a wedge + with the suffix, means it has some part(s) likened to a wedge. What, or where is the wedge?, if I can find out by wading through the technical description, most times only written in Latin (in which, I had no formal training, whatsoever), then I will notate my entry accordingly. Sometimes an author makes a word relatively easy to understand, eg., *cuneilabia*: wedge + lip. The labellum was likened to a wedge (shape), good, now we all know what it means.

Why is an axis a peduncle and/or a rachis? Why is a raceme an inflorescence? and if so, why is it a racemose inflorescence? I can assure you I almost went nuts over these items and had about a dozen shots at attempting to get them right, I kept on going around in circles. It's easy to define them separately, but when I grouped them together, they didn't make sense. I hope I now have them all right, see the separate section on inflorescences, at end of "I".

As I started this list I ran into all sorts of trouble. How can *cera* be: wax and *cera*: a horn? aha!, one's ex Latin and the other, ex Greek. For more confusion the Greek word, *keras* is "Latinized" to become *ceras* and is used in combination words (my abbreviation: combwds.) as *-cera*, *-cerum*, *cerato-*, *-ceratus*, etc.: horn; horned; having, or like a horn, etc. Then to make it even more interesting, 3 or 4 Greek words can be "Latinised" and shortened into one. Ouch, talk about Double Dutch! Please remember I have everything cross-referenced, so if I use a word you don't understand, just turn to the relevant entry.

I found many things which made me shake my head in wonder... Speaking of worms, did you know they have bristles?, well I didn't (see *chaeta*) and that a "sphinx" is a type of moth (see *sphingoides*), etc. What's this got to do with orchids?, keep going dear reader... Would you believe, our word orchid, is originally from an ancient Greek word meaning: testes (of interest, see Theophrastus). I thought for sure *formosum* meant it had to come from Formosa (wrong!); *tinea* is a nasty smelly growth between your toes, right?, wrong again! Words like *fornicatus*, *vaginatum*, etc., I (mentally) gleefully rubbed my hands together and thought "this'll shock 'em!". Wrong, wrong, wrong! However, I laughed 'till it hurt over *cynosorchoides*, *longipenis* and was totally perplexed with the likes of *alopecurus*, *hippocreperiferum*, *Hexalectris* and how about words you know in English, like: *echidna*, *platypus*, *rhinoceras*, *mastodon*, *pelican*, etc. There's so many more named for people, places, fabled monsters, snakes, lizards, birds, dragons, fictional characters from novels, trees, many insects, animals, plants and flowers, etc. Interested in dinosaurs?, we even have a Stegosaurus (see *stegasaurum*), Triceratops (see "T") and also included is another small note on a flying dinosaur (a pterodactyl, see *Campsomeris*).

Scattered throughout, I have put in a lot of anecdotes and trivia (there's another Latin word that's entirely different to what you think, see *trivia*, *triviale*) to try to make it more enjoyable. eg., Do you know the biggest killer of all domestic cultivated plants?, it's TLC. (see "T"). How many seeds in a pod (correctly: capsule, see "seed")?, what is the smallest?, what is the tallest?, plus some items you'd not dream of looking for, like "prices" and "plastic bags" (see "P").

There are many hundreds I had to leave out from lack of information and I am a little disappointed as I have only achieved c25,000 entries. So many of the names, I missed are of people and places, perhaps another volume some day?

To further enhance the enjoyment of your collection, try this little exercise: list all of the botanical names of your plants and then write alongside the meanings of same. If I have missed any of your pets, then try to determine the meanings by taking bits from other similar ones I have listed. This will help you to learn "correct names", so that when you're in company you won't be embarrassed by this type of scenario: "ah, er., it's a spider orchid, you know?... The one that...."! Most common names are hopeless as there are probably so many around, all bearing the same "common name". Another idea, for your club's newsletter: have an "educational" paragraph (or, page). Get a list from each member and then translate them, a few at a time. I haven't attempted anything on pronunciation as this subject can take a lengthy book on its own and is well covered by many eminent authors (and when you know what the words mean, they are so much easier to pronounce). To learn the language I suggest you join a club, listen and don't be ashamed to ask questions. I always found learned orchidists and orchidologists (don't know the difference?, see "O") mostly very tolerant of (serious) new-chums, as they had to learn as well. I recall, I completely baffled "a more learned colleague" when I was trying to tell him of a *Coelogyne* species I had found, by pronouncing it phonetically as co-ee-log-ine and he almost had hysterics when he realised what I was trying to say! He apologised for laughing at me and then helped me to find its "correct name" (it was *Coelogyne asperata*, see *Coelogyne*).

Plus of course, read books and here, I have to praise and recommend "Botanical Latin" x William T. Stearn and "Composition of Scientific Words" x Roland Wilbur Brown. They certainly don't cover every word and there were thousands that I had to find on my own, but without the assistance of these wonderful works my amateurish effort would have been a dismal failure.

I know I've learned a lot and hope you find your favourites here, but I have not attempted to dabble with any "fancy epithets" (see "F"), of hybrids, it's too hard! Perhaps some erudite orchidologist will take this on, with my best wishes. What a job, I understand the current guesstimation is that they are nearing 250,000. Plus, over the years with all the name changes..., this would truly be a *magnum opus* (: a great work). You know, I really kick myself these days, as at school, I said "I don't want to be a doctor, so of what use is a dead mediaeval language, like Latin, to me?" (and of course, I took another option).

What I have done in this text, is as much for my benefit as yours. I have tried to explain, in English, the meaning of as many words that I found I could explain with some

degree of credibility, by showing I've done the homework and not just copied other authors' work (and I often dispute them, some examples, see *Aristotelea*, *Corybas*, *gnomonifera*, etc.). Sometimes I modify other's definitions with (hopefully) a better detailed explanation.

This text can't be called a dictionary, or encyclopaedia, as it's mostly (but not specifically) a glossary, which is defined as: a vocabulary of obscure, or technical words, or those needing special explanation. I decided to use the word **vocabulary** (in the title), as its definition seems to be precisely what I am attempting to achieve. Vocabulary: the words of a language, presented in a "word-book", arranged in alphabetical order and fully explained (... well ... as best as I possibly can). Isn't this exactly what we do need? and hopefully this will be a useful reference to all, as you "tip-toe through the testicles ... er, tulips ... ah, er... ORCHIDS!"

Best wishes,

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Accessed White Pages 6th Feb 2014 phone number 02 4369 3109

Abbreviations

Many are further explained in the main listings.

abbr.: abbreviated; abbreviation.

accr.: accredited.

admin.: administration, administrative.

aka.: also known as.

AM.: univ.graduate (+ can be honorary) title: (*Artium Magister*) Master of Arts.

approx.: approximately.

Aust.: Australia; Australian. With ex: ex Aust.= of, or from Australia.

av.: average.

Bart.: Baronet.

bio.: of biology; biological.

Bot., bot.: of botany; botanical.

c: *circa*: around; about.

Cal.: California state, USA.

cf.: ex Lat., *conferre*: to bring together; confer; refer to.

CITES.: Convention on International Trade in Endangered Species.

cms.: centimetres.

combwd(s): combination word(s). Two or more words adapted and Latinized to form the one word.

compwd(s): word(s) used in composition with another to form the one word, (usually) of the same language.

Czech.: Czechoslovakia(-n).

date: eg., 8/'72: August 1972.

DD.: Doctor of Divinity.

def.: define; defined; defines; definition.

desc(s): described; describes; describing; description(s).

desc.x: (taxonomically) described by.

descwd(s): descriptive word(s). Used in descriptions, discussions.

dimin.: diminutive. Having many connotations to "small".

(DRC.): Democratic Republic of Congo.

eastn.: eastern.

eg.: ex Lat., *exempli-gratia*: for example; for instance.

encyclp.: encyclopaedia.

Eng.: England; English. With ex: ex Eng.= of, or from England, or from the English language.

equiv.: equivalent.

esp.: especially.
Est., est.: established.
et al.: ex Lat., and others.
ex: of; from; taken from.
expl(s): explained; explanation(s).
etc.: ex Lat., *et cetera*: and the others; and so on.
etym.: of etymology; etymological.

f., fem.: female, feminine.
fig.: figurative(-ly).
fl.: for Lat. *floruit* (see the entry): when a person was active; flourished (followed by a year).
FLS.: Fellow of the London Society (Eng.).
Fr.: France; French.
FRHS.: Fellow of the Royal Horticultural Society (Eng.).
FRS.: Fellow of the Royal Society (Eng.).
FRZS.: Fellow of the Royal Zoological Society (Eng.).
ft.: foot: 12 inches: 30cms. Only as a unit of measurement.

G.: genus; genera.
geo.: of geology; geological(-ly).
geog.: of geography; geographical(-ly).
Gk.: Greek. With ex: ex Gk. = of, or from Greece, or from the Greek language.
Gk.myth.: Greek mythology.

hort., Hort.: of horticulture; horticultural. Hort., after a generic name = a common term, see "H".

ie.: ex Lat., *id est* = that is.
inc.: included; includes; including; inclusive.
Indon.: Indonesia(-n). With ex: ex Indon. = of, or from the Republic of Indonesia.
inflo(s): inflorescence(s).
info.: information.
Isl., Isls.: Island, Islands.

lab., labs.: laboratory(-ies).
Lat.: Latin. With ex: ex Lat. = of, or from the Latin language.
Lat'd.: Latinized. With combwds., or compwds.: adapted to look and sound like Latin.
lit.: literal(-ly).
lit.trans.: literally translated.

m.: male.
MA.: univ. graduate degree: Master of Arts.

MD.: Medical Doctor.

mms.: millimeters.

MP.: Member of Parliament.

Mt., Mtn(s), mtn(s): Mount; Mountain(s); mountain(s).

myth.: of mythology; mythological.

natcross: natural cross (naturally occurring in the bush).

NB.: ex Lat., *notra bene*: note well.

New Guinea: is not an abbreviation, but I use it to describe the whole island, ie. both Papua, Indon. and PNG. (inc. their adjacent islands).

nne.: north north east.

No.: number.

N.Park: National Park.

NSW.: Aust. state = New South Wales.

NT.: Aust. territory = Northern Territory.

nth., nthn.: north; northern.

NZ.: New Zealand.

opp.: opposed to; opposite.

orig.: original(-ly); originating. With ex: orig.ex = originally from; originating from.

orig.coll.: original collector; originally collected.

pers.coll.: personally collected. Or (was) in my personal collection.

Philipp.: Philippine. With ex: ex Philipp.= of, or from the Philippines.

pl.: plural.

p'bulb(s): pseudobulb(s).

PM.PNG.: Port Moresby, capital of Papua New Guinea.

PNG.: Papua New Guinea.

Prof.: Professor.

Prov.: Province.

pub.: to do with publishing, published, etc.

Qld.: Aust. state = Queensland.

RBG.: Royal Botanic Garden(s).

ref(s): refer(s); reference(s); referred; referring.

Sc.D.: ex Lat., *Scientiae Doctor*: univ. graduate title = Doctor of Science.

sing.: singular.

sp.: species (singular).

specep.: specific epithet. Second part of the binomial; the descriptive adjective, etc., see "S".

spp.: species (plural).

ssp.: sub-species.

SSR.: Soviet Socialist Republic.

sth., sthn.: south; southern.

Sth.Aust.: Aust. state = South Australia.

syn.: synonym; synonymity (with); synonymous (to).

Tas.: Aust. state = Tasmania.

Thai.: Thailand. With ex: ex Thai.= of, or from Thailand.

t/fd.: transferred.

TOSPNG.: The Orchid Society of Papua New Guinea. Est. 5/1/'72.

trop.: tropical; tropics.

typ.error: typing or typographical error.

Univ.: University.

USA.: United States of America.

Vic.: Aust. state = Victoria.

viz: anglicised ex Lat., *videlicet* = that is to say; namely.

westn.: western.

West.Aust.: Aust. state = Western Australia.

WWI, WWII: World War I, World War II.

x: by; described by; crossed with (as a cross, or hybrid, etc.).

yrs.: years.

zool.: of zoology; zoological.

Other symbols and phrases:-

& al: sometimes used by other authors, see *et al.*

&/or: and/or.

+: plus; also.

(?): not certain (and there are many of these!).

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Aa: Rchb.f.1854. Reported to have affinities with *Altensteinia*, hence the usage of the first and last letters. Also said to be (maybe) a joke to ensure it being the first on any list. ex Peru, eg. *Aa erosa*.

a-: used in compwds.: a negative; without; no; lacking; away from; not, etc.

ab-: used in combwds.: from; away; remote from, etc.

abaetana: for place name (+ belonging to) only listed as ex Brazil. Have noted three cities with "Abaeté" in the name, one of Pará and two of Minas Gerais (states). cf. *Koellensteinia abaetana* L.P.Queiroz 1987.

abaxial: ref. *abaxialis*: the side facing away from the axis, or middle line, usually directed towards the base.

Abaxianthus: M.A.Clem.& D.L.Jones 2002: *abaxial* + flowers. syn. *Flickingeria*.

abbreviata: ref. *abbreviatus*: shortened. Ref. the labellum lobes. cf. *Diuris abbreviata*. Noted as endemic to eastn. Aust.

abbreviations: for the words I abbreviate throughout this text, see separate section at the start. The following list is of some "internationally accepted" abbreviations for natural genera, if you happen across them in your reading and they're not explained:-

Aer.: *Aerides*

Anct.: *Anoectochilus*

Ascgm.: *Ascoglossum*

Bro.: *Broughtonia*

C.: *Cattleya*

Coel.: *Coelogyne*

Epi.: *Epidendrum*

L.: *Laelia*

Onc.: *Oncidium*

Phal.: *Phalaenopsis*

Ren.: *Renanthera*

Soph.: *Sophronitis*

V.: *Vanda*

Agn.: *Aganisia*

Arach.: *Arachnis*

B.: *Brassavola*

Bulb.: *Bulbophyllum*

Cirr.: *Cirrhopetalum*

Diacm.: *Diacrium*

Gram.: *Grammatophyllum*

Lsa.: *Luisia*

Paph.: *Paphiopedilum*

Phrag.: *Phragmipedium*

Rhy.: *Rhynchosstylis*

Spa.: *Spathoglottis*

Vdps.: *Vandopsis*.

Ang.: *Anguloa*

Actm.: *Ascocentrum*

Brs.: *Brassia*

Cal.: *Calanthe*

Cda.: *Cochlioda*

Dor.: *Doritis*

Hab.: *Habenaria*

Odm.: *Odontoglossum*

Psarco.: *Parasarcophilus*

Pmcpa.: *Pomatocalpa*

Sarco.: *Sarcophilus*

Trgl.: *Trichoglottis*

Often seen in discussions and listings, the genus is noted with simply its first letter eg., *D.* = *Dendrobium*. But only after the subject of the discussion has been established by giving the generic name to the first species of that list. eg. An author is discussing *Dendrobium* section *Spatulata*, so the list could read something like: as *Dendrobium mirbelianum*, *D. veratrifolium*, *D. warianum*, etc.

abbreviatum: shortened. Noted for the shorter pseudobulbs. cf. *Mediocalcar abbreviatum*. syn. *M. versteegii* J.J.Sm.1908.

abbreviatus: shortened. cf. *Odontochilus abbreviatus*.

abbrevilabium: shortened + lip. cf. *Bulbophyllum abbrevilabium*.

abchasica: listed as Lat'd. spelling for place name: belonging to Abkhazia (or Abkhazskaja?), Georgian SSR., s.east Russia (borders with Turkey). cf. *Ophrys abchasica* (Kümpel) P.Delforge 1991. syn. *O. scolopax*.

abscise: to shed, or drop parts of the plant. May, or may not be a natural occurrence and can be caused by disease, old age, stress or, shock. + See abscission layer, caducous.

abscission layer: a natural joint where organs, or parts can drop off, when their make-up dictates. eg. Many are deciduous and shed their leaves for the winter, or as part of their flowering process. Many species have an abscission layer at the apex of the ovary and the aged flower will drop off, if it hasn't been pollinated. + See abscise, sutures.

abdita: as *abditus*. cf. *Ophrys* x *abdita* C.E.Hermos.

abditus: concealed; hidden. cf. *Corybas abditus*.

Abdominea: J.J.Sm.1914: ref. *abdomen*: belly + suffix: like, etc. It's reported the anther was likened to the abdomen of an insect. eg. *Abdominea minimiflora*. Noted as monotypic and endemic to Thailand.

abellianus: listed for orig.coll., Warren W.Abell (listed as found by: W.W.& T.Abell), + suffix, belonging to, etc. cf. *Corybas abellianus* Dockrill 1955. Endemic to Qld., Aust.

aberrans: wandering, + see aberrant. cf. *Dendrobium aberrans*.

aberrant: deviating from the norm; slightly abnormal; a "sport"; not quite different enough to be called a variety, or forma. Can also mean: wandering; variable. eg. An aberrant species. + See errant.

Aberrantia: (Luer) Luer 2004: as aberrant + of. syn. *Pleurothallis* R.Br.

abieticola: ref. *abietis*: ship; vessel + resident; dweller. Also see *abietinum*, perhaps it prefers to live under, or in the vicinity of fir trees (?). cf. *Malaxis abieticola*.

abietinum: ref. *Abies*: a genus of fir (tree) of the family: *Pinaceae*. + Ref. *abies*, *abietis*: ship + see -*ina*: of, etc., because the timber was choice for ship-building, esp. for masts and long straight planks. Also ref. *abietinus*: of, or to do with the fir. cf. *Dendrobium abietinum*. syn. *D. pachyglossum*.

abitaguae: for place name (of Abitagua?), only listed as ex Ecuador. cf. *Lepanthes abitaguae* Luer & L.Jost 1999.

abjecta: ref. *abiectus*: poor; mean; low. + Can be: (strongly) contemptible. cf. *Pleurothallis abjecta*. syn. *P. barbulata*.

ablepharon: without + see *blephari*:- eyelid; eyelashes. cf. *Bulbophyllum ablepharon*.

abnormis: abnormal. cf. *Lepanthes abnormis*. syn. *L. eximia* (; unusual, etc.).

abortiens: aborting, see abortive, *abortivus*. cf. *Habenaria abortiens*.

abortiva: see abortive. Refs. to the rudimentary labellum. cf. *Pleurothallis abortiva*.

abortive: ref. *abortivus*: improperly formed; premature; imperfect (+ see rudimentary). A good example: abortive flowers, esp. with some species. of *Oncidium*. They don't bud and then drop off, but are very small, sterile and have virtually no resemblance to the few entire flowers they do have. eg. The inflo. can have c60-70 flowers and yet only 5-6 of them are perfectly formed. eg. *Oncidium heteranthum*.

abortivum: see abortive. Ref. the rudimentary flowers. cf. *Oncidium abortivum*.

abortivus: descwd., sometimes seen in descriptions: imperfect; abortive; abort; prematurely die; perish; disappear; terminate (growth), etc. + see abortive.

abortum: ref. *abortus*, see abortive, *abortivus*. Listed as ref. the labellum mid-lobe. cf. *Dendrochilum abortum*.

abrahamii: for phytologist and author, A. Abraham (+ of). ex the eastn. Himalayas, cf. *Luisia abrahamii* Vatsala.

abbreviata: a-+ *breviata*: not shortened. cf. *Polystachya abbreviata*.

Abrochis: Neck.1790: ref. *abrochos*: waterless; dry (dried?). syn. *Orchis Tourn*, ex L.

abrupt: ref. *abruptus*: broken off. Suddenly ending, or changing to another shape.

abrupta: see abrupt. Listed as refs. to the sinus. cf. *Pterostylis abrupta*. Noted as endemic to NSW., Aust.

abruptum: see abrupt. cf. *Catasetum abruptum* syn. *C. luridum*.

abscondita: see *absconditus*. cf. *Gastrodia abscondita*.

absconditum: see *absconditus*. cf. *Bulbophyllum absconditum*.

absconditus: descwd.: hidden; concealed; secret.

absens: absent; away from. cf. *Lepanthes absens*.

abundans: descwd.: abounding. + Ref. *abundantia*: fullness; overflowing; plenty.

abundiflora: see *abundus* + flowers. ex Borneo, cf. *Vanilla abundiflora*.

abundus: descwd., abundant; overflowing; plenty; fullness; (being) copious, etc.

abyssinica: belonging to Abyssinia. cf. *Eulophia abyssinica* Rchb.f.1849.

abyssinicum: as *abyssinica*. cf. *Saccolabium abyssinicum* A.Rich.1851. syn. *Eulophia guineensis*.

abyssinicus: as *abyssinica*. cf. *Orthochilus abyssinicus* (Rchb.f.) Hochst. 1850. syn. *Eulophia abyssinica*.

Acacallis: Lindley 1853. Another of his fanciful names to express "beauty", ex Gk.myth.: Akakallis was a very beautiful nymph loved by Apollo. syn. *Aganisia*.

acaciifolium: ref. *akakia*: sharp pointed. Or, by the spelling, ref. *Acacia*: a genus of trees of the pea family, *Fabaceae* + see *folia*: leaf. cf. *Dendrobium acaciifolium*.

acalcarata: not + spurred (: *ecalcarate*). cf. *Habenaria acalcarata*.

acalcaratus: not + spurred. cf. *Anoectochilus acalcaratus*.

acallosum: not calloused; without calli. cf. *Catasetum acallosum*. syn. *C. callosum*. Had to smile, one says it hasn't calli, the other says it does.

Acampe: Lindley 1853: ref. *akampes*: rigid. Ref. the inflexible flowers. eg. *Acampe longifolia*. Pers.coll., common ex PM.PNG.

acanth-, *acantho-*: used in compwds., ref. *akantha*: prickly, etc.+ *akanthos*: a prickly plant. Infrs: thorny; prickly; spiky, etc.

Acanthephippium: Blume 1825: see *acanth-*: prickly + *ephippium*: saddle; seat. Ref. the blade of the labellum. ex Sulawesi to Vanuatu, etc., eg. *Acanthephippium splendidum*.

acanthodes: see *acanth-*+ resembling. cf. *Pleurothallis acanthodes*.

Acanthoglossum: Blume 1825: prickles; prickly + tongue. syn. *Pholidota*.

acanthoglossum: prickly + tongue. Ref. the papillae on the labellum. cf. *Bulbophyllum acanthoglossum*.

acanthoglossus: as *acanthoglossum*. cf. *Hapalochilus acanthoglossus*. syn. *Bulbophyllum acanthoglossum*.

acanthophippiiflorum: see *Acanthophippium* + *-florum*: flower, alluding some resemblance. cf. *Dendrobium acanthophippiiflorum*.

Acanthophippium: Blume 1825. See *Acanthophippium*. syn. *Acanthophippium*.

acarina: ref. *akari*, *acarus*: a mite; midge (insect) + like. cf. *Lepanthes acarina*.

acarus: a midge; mite, alluding to a flower. cf. *Oberonia acarus*.

acaule: see *a-* + ref. *caulis*: without + stem; stalk. cf. *Cypripedium acaule*.

Acaules: as *acaule*: (those) stemless.= *Ceratostylis* section.

acaulescence: the condition of being stemless.

acaulescent: without, or appearing to be without a stem (see "S").

Acaulescentes: those without stems.= *Ceratostylis* section.

Acaulia: without stems.= *Angraecum* section.

acaulis: without + stem. cf. *Sarcoglottis acaulis*.

accrescent: enlarging, or lengthening with age, or after fertilization, eg. pedicels accrescent. + Of interest, see *Auxopus*.

accretus: ref. *accretum*: (to) increase; grow; be added (on). cf. *Epiblastus accretus*.

acea, *-aceum*, *-aceus*: suffixes used in combwds. Usually added to a noun, converting it to an adjective (specep.): resembling; like; having the nature of; belonging to, etc. eg. *argentaceus*: silvery; of, or like silver; *batillacea*: of, or like a shovel, etc.

x *Aceraherminium*: E.G.Camus. On the syn. list, cf. *Aceras* (syn. *Orchis*) x *Herminium*.

Aceras: R.Br.1813: *a-* + *ceras*: without horn. The flower is spurless. syn. *Orchis* Tourn. ex L.

aceras: without horn. cf. *Calanthe aceras*.

x *Acerasherminium*: Greml. See x *Aceraherminium*, same comments.

Aceratochilus: notes two features, *acerato-*: not horned + *-chilus*: lip, which is "different".= *Calanthe* section.

Aceratorchis: Schltr.1922: without + horn + orchid. Ref. the labellum. ex Tibet to China, eg. *Aceratorchis albiflora*.

aceratorchis: as *Aceratorchis*. cf. *Orchis aceratorchis*. syn. *Aceratorchis albiflora*.

acerosa: as *acerose*. cf. *Callista acerosa*. syn. *Dendrobium acerosum*.

acerose: ref. *acer*: point; pointed (+ *acus*: needle; pin) + suffix: sharp pointed, and/or like a needle; needle-shaped.

acerosum: see *acerose*. Ref. tips of floral segments. cf. *Dendrobium acerosum*. Pers.coll., common ex Sogeri Plateau, PM.PNG. Very variable in size of plant and flower colours, which ranged from green, yellow, pink.

acervata: see *acervate*. cf. *Eria acervata*.

acervate: ref. *acervatus*: heaped together; piled up; gathered; clumped, etc.

acestrochila: *a-* + *cestro-* + *chila*: not; without; lacking, etc. + ref. *kestra*: hammer, or *kestron*: a sharp-pointed graving tool (?) + lip. cf. *Trichosalpinx acestrochila*.

acestrophylla: without + ref. *kestron*: a sharp-pointed graving tool + leaf (so, the leaf is not sharp-pointed). ex Ecuador, cf. *Pleurothallis acestrophylla*.

acestrophyllus: as *acestrophylla*. cf. *Zosterophyllanthos acestrophyllus*. syn. *Pleurothallis acestrophylla*.

acetabuliformis: descwd., see *acetabulum*: cup-shaped vessel + *formis*: shape; form. Alluding to any organ(s), part(s), or a group.

acetabulum: cup-shaped vessel. cf. *Lepanthopsis acetabulum*.

achalensis: for place name (+ from), listed to be near San Luis, central Argentina. cf. *Aa achalensis* Schltr.1920.

achillis: can only ref. to *achillea*: yarrow, milfoil: plants of the family: *Asteraceae* (?). cf. *Dendrobium achillis* syn. *D. calcaratum*.

Achlydosa: M.A.Clem.& D.L.Jones 2002: listed as ref. *achlys*: darkness (can be: fog; mist) + see *-osa* (: full of darkness; very dark, etc.). syn. *Megastylis*.

achnantha: ref. *achne*: scale; down; chaff + *-antha*: flower. cf. *Habenaria achnantha*.

achroantha: *a-* + *chro-* + *-antha*: without + colour + flower, ie. it's a plain "green" (+ see *achromaticus*). cf. *Habenaria achroantha*.

Achroanthes: Raf.1819: see *achroantha*: colourless flower (: "green"). syn. *Malaxis*.

achromaticus: descwd., not coloured. Usually this infers it's just a plain "green".

achromus: descwd.: without colour, same as *achromaticus*.

aciantha: *aci-* ref. *acus*: point (needle) + flower. cf. *Maxillaria aciantha*.

Acianthella: D.L.Jones & M.A.Clem.2004: *Acianthus* + small. syn. *Acianthus* R.Br.

Acianthera: Scheidw.1842: *aci-*: point (needle) + anther. Ref. the small projection at the operculum (anther-cap). syn. *Pleurothallis*.

Acianthinae: with pointed flower, or see *Acianthus* + suffix, denotes it's a subtribe.

acianthera: sharp point + see anther. cf. *Pleurothallis acianthera*. syn. *P. recurva*.

acianthiforme: as *acianthiformis*. cf. *Centrogenium acianthiforme*. syn. *Nothosteles acianthiformis*.

acianthiformis: pointed + flower + shape, or *Acianthus* + shape (?). ex Brazil, cf. *Nothosteles acianthiformis*.

acianthoides: pointed + flower + resembling, or resembles *Acianthus* (?). cf. *Malaxis acianthoides*.

Acianthopsis: M.A.Clem.& D.L.Jones 2002, see next entry. syn. *Acianthus* R.Br.

Acianthopsis: Szlach. 2001: ref. *Acianthus* + appearance. ex New Caledonia, eg. *Acianthopsis aegeridantennata*. syn. *Acianthus aegeridantennatus*.

acianthum: pointed flower. cf. *Dendrobium acianthum*.

Acianthus: R.Br.1810: pointed + flower. Ref. the tepals. eg. *Acianthus caudatus*. Noted as endemic to s.east Aust.

acicular, *aciculate*: straight, narrow and sharp pointed. Like a small needle, or headless pin.

aciculare: see *acicular*. cf. *Dendrobium aciculare*.

acicularis: see *acicular*. Ref. the leaves. cf. *Podochilus acicularis*.

aciculata: see *acicular*, *aciculate*. cf. *Aeranthus aciculata*. syn. *Campylocentrum aciculatum*.

aciculatum: *aciculate*, see *acicular*. cf. *Campylocentrum aciculatum*.

aciculatus: descwd. Having fine irregular lines as if scratched by a needle. + Can be the same as acicular.

aciculifolia: see acicular + leaf. cf. *Lepanthes aciculifolia*.

aciculiformis: small needle + shape. Ref. tips of sepals. cf. *Pterostylis aciculiformis*. Noted as endemic to NSW. and Vic., Aust.

aciformis: descwd.: needle-shaped. (English: aciform, but mostly you'll see: acicular.)

aciliatum: without + having cilia (: eciliate). cf. *Cleisostoma aciliatum*. syn. *Thrixspermum ancoriferum*.

acina: ref. *akis*: point (relatively sharp); dart, etc.+ like. cf. *Ophrys* x *acina* C.E.Hermos.

acinaceum: a sword + of; like (see *acinaciforme*). cf. *Oncidium acinaceum*.

acinacifolium: sword + leaf (see *acinaciforme*). cf. *Epidendrum acinacifolium*.

acinacifolius: as *acinacifolium*. cf. *Gastrochilus acinacifolius*.

acinaciforme: ref. *akinakes* + form: scimitar-shaped (a kind of sword). Ref. the leaves. cf. *Dendrobium acinaciforme*. Pers.coll., very common ex PM.PNG.

acinaciformis: as *acinaciforme*. cf. *Callista acinaciformis*. syn. *Dendrobium acinaciforme*.

acinaceum: scimitar (: a kind of sword) + of. cf. *Oncidium acinaceum*.

x *Acinbreea*: auct. On the syn. list, cf. *Acineta* x *Embreea*.

Acineta: Lindl.1843: ref. *akinetos*: immovable. Ref. the lip. ex Venezuela, eg. *Acineta alticola*.

Ackermania: Dodson & R.Escobar. Listed for phytologist and author, James D.Ackerman. (b1950). ex Colombia, eg. *Ackermania cornuta* (Garay) Dodson & Escobar. syn. *Chondrorhyncha cornuta*.

x *Ackersteinia*: Neudecker. On the syn. list ref. *Ackermania* and *Kefersteinia*. Noted as cf. *Stenia* x *Kefersteinia*.

acklandiae: see *aclandiae*. cf. *Cattleya acklandiae* Planch. syn. *Cattleya aclandiae*.

aclandiae: listed for Lady Acland, of Killerton, Eng. Noted as first imported by her husband. ex Brazil, cf. *Cattleya aclandiae* Lindley 1840.

Aclinia: Griff.1851, *a-*: without, etc.+ ref. *kline*: bed; couch; sofa. syn. *Dendrobium* Sw.

aclinia: as *Aclinia*. cf. *Dendrobium aclinia*. syn. *D. incurvum*.

acmodontum: ref. *akme*: (at) the top; highest point + toothed. cf. *Paphiopedilum acmodontum*.

Acoidium: Lindley 1837, ref. *akoe*: ear + dimin.. Has small ear-like appendages on the column. syn. *Trichocentrum* Poepp.& Endl.

aconitiflora: see *Aconitum* + flower, alluding to some resemblance. cf. *Polystachya vulcanica* var.*aconitiflora*.

aconitiflorus: as *aconitiflora*. cf. *Corybas aconitiflorus*. For the hooded flower. Noted as endemic to Aust.

aconitifolius: see *Aconitum* + leaf. cf. *Corybas aconitifolius*.

Aconitoideae: those resembling *Aconitum*. See *Aconitum*. = *Disa* section.

aconitoides: see *Aconitum* + resembling. cf. *Disa aconitoides*.

Aconitum: did a separate entry to save much repetition. English, aconite, refs. to *Aconitum*: a genus (listed to have c300 species) of plants of the crowfoot family: *Ranunculaceae*. One in particular, *Aconitum napellus* (: small wooded valley; glen,

etc.), has hooded flowers and is commonly called "monk's hood". This species is poisonous by containing the extremely strong drug: Aconitine. Orig. described by Linnaeus who used their old Latin name, *aconitum* (listed as ex Gk., *akoniton*).

Acordium: Blume. See *a-*: without, etc. + ref. *cordia*: heart. eg. *Acordium cornutum*. syn.

acoridilabia: see *Acoridium* + lip. cf. *Lepanthes acoridilabia*.

Acoridium: Nees & Meyen 1843. Listed as a dimin. of *acorus* (commonly, "sweetflag"). Noted, the leaves were likened to *Acorus*: a genus of the arum family, *Areceae*, (see arum). syn. *Dendrochilum* Blume.

Acoridium: see *Acoridium*. = *Dendrochilum* section.

acostae: of Acosta, see *Acostaea*. cf. *Lepanthes acostae* Schltr.1923. syn. *L. blepharistes*.

Acostaea: Schltr.1923. Listed for Don Guillermo Acosta (+ of), a Costa Rican botanist. eg. *Acostaea costaricensis* (: from Costa Rica).

acostaei: see *Acostaea*. ex Costa Rica to Bolivia, cf. *Pleurothallis acostaei* Schltr.1923. syn. *P. phyllocardioides*.

acotyledonous: without cotyledons. See cotyledon.

Acraea: Lindley 1845: ref. *akraios*: high dweller. syn. *Pterichis* Lindley.

Acranthinae: see *Acranthus* + suffix denotes it's a subtribe.

acranthous: having a terminal inflorescence at the apex of the stem, or pseudobulb.

Acranthus: S.Moore, see *acro-*+*-anthus*: at the top + flowered; blooming. (+ See *acranthous*). ex Mozambique, etc., eg. *Acranthus calceolus*. syn. *Angraecum calceolus*.

acreense: see *acrensis*. cf. *Epidendrum acreense* (Brieger & Bicalho) Christenson 1991.

acrensis: as *acrensis*. cf. *Phytinga acrensis* Brieger & Bicalho 1978. syn. *Epidendrum acreense*.

acremona: ref. *akremonos*: sprig; spray; branch. cf. *Trichosalpinx acremona*.

acrensis: for place name (+ from), only listed as ex Brazil. May be for the state of Acre, but there are also other places (towns and villages) called "Acre", within Brazil. cf. *Cryptarrhena acrensis* Schltr.1914. syn. *C. guatemalensis* Schltr.1911.

acricharis: *acri-*, ex *acer*: sharp + see *-charis*: grace, etc. cf. *Epidendrum acricharis*.

acridolens: sharp + smelling; having an acrid perfume. cf. *Polystachya acridolens*.

Acriopsidinae: see *Acriopsis* + suffix denotes it's a subtribe.

Acriopsis: Reinw. ex Blume 1823. Ref. *akris*: grasshopper +*-opsis*: appearance. Had to check this a few times and it's noted it refers to the column. eg. *Acriopsis javanica*. syn. *Acriopsis liliifolia*. A wonderful memory here, it was the very first I ever found and I took a lot of convincing it was an orchid! Very common, ex PM.PNG. + See *javanica*.

acrirachis: sharp + see *rachis*: flower stem part. cf. *Epidendrum acrirachis*. syn. *E. orchidiflorum*.

acrisepala: sharp + sepal. cf. *Pleurothallis acrisepala*.

acro-: used in combwds., ref. *akros*: summit; peak; top; extreme; top-most; utter; on high; at the top. eg. *acropogon* (: at the top + beard).

Acroanthes: Raf.1819. I immediately presumed, *acro* + *anthes*: flowers at the top, but this is another oddly coined name by Mr.Rafinesque-Schmaltz, *a-*: no + *cro-*: colour +

anthes: flower: colourless flowers, ie. a plain “green” (+ see *Achroanthes*). syn. *Malaxis* Sol.ex Sw.

acrobatesii: to me, this doesn’t make sense, so can only give the refs., see *acro*-+ see *batesii* (of D.M.Bates). ex Ecuador, cf. *Epidendrum acrobatesii* Hágsater & Dodson 2001.

acrobatica: as *acrobaticum*. cf. *Callista acrobatica*. syn. *Dendrobium acrobaticum*.

acrobaticum: ref. *akrobatein*: to walk on tip-toe + the action. cf. *Dendrobium acrobaticum* syn. *D. capillipes* (: hair + foot. Probably ref. the very fine pedicel, of a flower.)

acrolepara: was listed as such, but is probably an error for *acrolephara*: at the top + see *blephar* -: eyelid, or eyelashes. cf. *Dichaea acrolepara* (*acrolephara*?).

acrobotryum: see *acro*-+ see *botry* -: bunch, etc. cf. *Oncidium acrobotryum*. syn. *Oncidium harrisonianum*.

Acrochaene: Lindley 1853: see *acro*-+ ref. *chaenein*: to gape. eg. *Acrochaene punctata*. Noted as monotypic, ex India to Thailand.

acrochordonia: at the top + string + dimin.: small string at the top (of the flower, perfect!). cf. *Masdevallia acrochordonia*. syn. *M. trochilus*.

acrochordonium: as *acrochordonia*. cf. *Oerstedella acrochordonium*.

acrogenia: see *acro*-+ born, etc.+ of. It’s possible, -*genia* may ref. to *genias*: beard (?). cf. *Lepanthes acrogenia*.

Acrolophia: Pfitzer 1888. See *acro*-+ ref. *lophos*: crest (: crested at the top). ex Sth.Africa, eg. *Acrolophia micrantha*.

Acrolophia: see *Acrolophia*. = *Bromheadia* section.

Acronia: C.Presl 1827: ref. *akronia*: mutilation. Listed as an allusion to the flowers appearing as if mutilated. ex Peru, eg. *Acronia phalangifera* syn. *Pleurothallis phalangifera*.

acronym: a word formed from the first letters, or syllables of other words. A couple of good examples, see *wanosa*, *Didiciea*.

Acropera: Lindley 1833. See *acro*-+ ref. *pera*: pouch; wallet; purse. Listed as ref. the column (for the clinandrium?). ex Mexico, eg. *Acropera loddigesii* syn. *Gongora galeata*.

Acropera: see *Acropera*. = *Gongora* section.

acrophilus: descwd., *acro*-+ *-philus*, freely trans.: loves high regions.

acropogon: see *acro*-+ *pogon*: beard at the top. Ref. tips of petals. cf. *Bulbophyllum acropogon*.

Acrorchis: Dressler 1990: see *acro*-+ *-orchis*, orchid. Listed as monotypic ex Costa Rica to Panama. eg. *Acrorchis roseola*.

acrorhodum: *acro*-+ *rhodum*: rosy (pink) at the top. cf. *Epidendrum acrorhodum*.

acrostigma: at the top + see *stigma*. cf. *Epidendrum acrostigma*.

Acrostylia: Frapp.ex Cordem.1895. See *acro*-+ see *style* + of. Noted it has an unusually high column. syn. *Cynorkis* Thouars.

acrotonic: when the pollinarium is in very close proximity to the rostellum. + Can mean: located more or less, at the top.

actensis: a clever specep., for place name: the Aust. Capital Territory (ACT.) +*-ensis*: origin; from, etc. cf. *Caladenia actensis* D.L.Jones & M.A.Clem.1999. Noted as endemic.

actias-luna: haven't any precedent, but this probably means: moon-beam. Ref. *aktis* + *luna*: ray + (of the) moon. cf. *Lepanthes actias-luna* Luer & Hirtz 1987.

actinomorpha: see actinomorphic. cf. *Calanthe actinomorpha*.

Actinomorpha: see actinomorphic = *Dendrobium* section.

actinomorphic: rayed + of shape; form: radially symmetrical, ie. divisible into two identical halves by any plane passing through the centre.

actinomorphum: ref. *aktinos*: beam; ray + see *morph-*: shape; form. cf. *Dendrobium actinomorphum*. syn. *D. crepidatum*.

actinomorphus: as *actinomorphum*. cf. *Phaius actinomorphus*. syn. *Calanthe actinomorpha*.

actinosophila: ref. *aktinos*: beam; ray + see *phila-*: loves. Perhaps it likes dappled sunlight, as the sun's rays through a leafy canopy (?). cf. *Spiranthes actinosophila*. syn. *Eurystyles actinosophilum*.

actinosophilum: as *actinosophila*. cf. *Eurystyles actinosophilum*.

actrix: one who performs; achiever; doer. cf. *Porroglossum actrix*.

acuensis: listed for place name (+ from), near the Organ Mtns., nth. of Rio de Janeiro, Brazil. cf. *Sophranitis acuensis* Fowlie 1975.

acuiфера: listed as a contraction of *aculeus*, see aculeate + bearing. cf. *Habenaria acuiфера*.

Acuiфера: as *acuiфера*. = *Habenaria* section.

acuiferum: see *acuiфера*. Also noted as, prickles + bearing. cf. *Dendrochilum acuiferum*.

aculeata: see aculeate. cf. *Eulophia aculeata*.

aculeate: ref. *aculeatus*: having projections, or parts that could be likened to a spiky prickle; sharp point; small needle, etc.

aculeatum: as aculeate. cf. *Catasetum aculeatum*.

aculeatus: descwd., sometimes used in descriptions. See aculeate.

acuminata: see acuminate. Could ref. to the tip of the median sepal, or apex of labellum. cf. *Pterostylis acuminata*. Noted as endemic to Qld. and NSW., Aust.

Acuminatae: see acuminate. = *Pleurothallis* section. syn. *Trichosalpinx* subgenus *Tubella* section *Tubellae*.

acuminate: tapering from curved sides into a fine point. Pointed; drawn out to a fine point.

acuminatifolium: acuminate + leaf. cf. *Bulbophyllum acuminatifolium*.

acuminatipetala: see acuminate + petals, cf. *Pleurothallis acuminatipetala*.

acuminatissima: see acuminate + suffix: an emphasis; very. cf. *Aerides acuminatissima*.

acuminatissimum: as *acuminatissima*. cf. *Dendrobium acuminatissimum*.

acuminatissimus: as *acuminatissima*. cf. *Sarcochilus acuminatissimus*. syn. *Thrixspermum acuminatissimum*.

acuminatum: see acuminate. Ref. the labellum. cf. *Genoplesium acuminatum*. Noted as endemic to NSW., Aust.

acuminatus: see acuminate. Ref. the sepals and petals (tepals). cf. *Epiblastus acuminatus*.

acunae: listed for Cuban botanist, Julián Baldomero Acuña Galé [+ of] (1900-1973).

Descs. accr. to him are noted as: Acuña. ex Cuba, cf. *Epidendrum acunae* Dressler 1959. syn. *E. blancheanum* Urb.1922.

acuta: see acute. Ref. the leaves. cf. *Lockhartia acuta*.

acutangula: acute + ref. *angulus*: bend; corner. cf. *Malaxis acutangula*.

acutangulum: as *acutangula*. cf. *Crepidium acutangulum*. syn. *Malaxis acutangula*.

acutata: see acute + suffix: like; having (being). cf. *Cryptostylis acutata*.

acute: ref. *acutus*: keen; sharp; an opp. to obtuse. + Gradually narrowing to an angle of less than 90°.

acutibrachium: see acute + *brachium*: armed (as limb, see *brachi-*). cf. *Bulbophyllum acutibrachium*. syn. *Bulbophyllum cylindrobulbum*.

acutibractiatum: see acute + see bracteate. cf. *Bulbophyllum acutibractiatum*.

acuticalcar: acute; sharp + spur, or point. cf. *Collabium acuticalcar*.

acutidentata: see acute + dentate: toothed, etc. cf. *Pleurothallis acutidentata*.

acutifera: sharp; point + bearing. cf. *Habenaria acutifera*.

acutiflora: acute + flower. cf. *Phyllorkis acutiflora*. syn. *Bulbophyllum acutiflorum*.

acutiflorum: acute + flower. cf. *Bulbophyllum acutiflorum*.

acutifolia: acute + leaf. cf. *Ceratostylis acutifolia*.

acutifolium: acute + leaf. cf. *Dendrobium acutifolium*.

acutifolius: acute + leaf. cf. *Gastrochilus acutifolius*.

acutilabia: acute + lip. cf. *Pleurothallis acutilabia*.

acutilabium: acute + lip. cf. *Coelogyne acutilabium*.

acutilabra: acute + lip, or sharp + edge, see *labrum*. cf. *Eulophia acutilabra*.

acutilabris: as *acutilabra*. cf. *Ceratostylis acutilabris*.

acutilabrum: as *acutilabra*. cf. *Saccolabium acutilabrum*. syn. *Robiquetia spathulata*.

acutilingua: acute + tongue. cf. *Platystele acutilingua*.

acutilingue: acute + tongue. cf. *Bulbophyllum acutilingue*.

acutiloba: acute + lobes. Ref. labellum lateral lobes. cf. *Eria oligotricha* var. *acutiloba*.

acutilobum: acute + lobes. Ref. labellum lateral lobes. cf. *Dendrobium acutilobum*.

acutimentum: acute + mentum (: chin), or see -mentum, which then makes the word : sharp +-mentum: sharpened (?). cf. *Dendrobium acutimentum*.

acutipetala: acute + petals. cf. *Glossorhyncha acutipetala*.

acutipetalum: acute + petals. cf. *Angraecum acutipetalum*.

acutirostrum: see acute + see rostrum: beak, etc. cf. *Satyrium acutirostrum*. syn. *S. sceptrum*.

acutisepala: as *acutisepalum*. cf. *Sayeria acutisepala*. syn. *Dendrobium acutisepalum*.

acutisepalum: acute + sepal. Ref. median sepal. cf. *Dendrobium acutisepalum*. Noted as endemic to PNG.

acutispicatum: acute + see spicate: spiked, etc. cf. *Bulbophyllum acutispicatum*.

acutissima: acute + suffix: very, etc. cf. *Pleurothallis acutissima*. syn. *P. spiculifera*.

acutissimum: as *acutissima*. cf. *Epidendrum acutissimum*.

acutoemarginata: as *acutoemarginatum*. cf. *Tridactyle acutoemarginata*. syn. *T. inaequilonga*.

acutoemarginatum: acute + see emarginate. cf. *Angraecum acutoemarginatum*. syn.

Tridactyle inaequilonga.

acutula: acute + dimin. (slightly acute?). cf. *Stelis acutula*.

acutum: acute. Ref. the leaves. cf. *Agrostophyllum acutum*.

acutus: sharp; acute. cf. *Corybas acutus*.

ad-: used in compounds: to; near to; at; towards, etc.

Ada: Lindley 1853: another of his names, expressing "beauty". Ref. Gk.myth.: Ada was the sister of Artemis, goddess of The Hunt. ex Venezuela, eg. *Ada aurantiaca*.

x *Adacidium*: auct. On the syn. list, cf. ***Ada* x *Oncidium***.

Adactylus: Rolfe 1896: see *a-*: without + ref. *dactylos*: digit; finger. syn. *Apostasia* Blume.

adae: listed for Mrs. Ada Stuart (+ of). cf. *Dendrobium adae* F.M.Bailey 1884. Noted as endemic to nth. Qld., Aust.

x *Adaglossum*: auct. On the syn. list, cf. ***Ada* x *Odontoglossum***.

adamantinensis: for place name (+ from), listed as ex Minas Gerais state, Brazil. Couldn't locate it, but there is Adamantina city in the neighbouring São Paulo state (?). cf. *Pleurothallis adamantinensis* Brade 1939. + Of interest see next entry.

Adamantinia: Van den Berg & C.N.Gonç.2004. Listed as ex Bahia, Brazil, may be for a place name (+ of), or see next entry (?). eg. *Adamantinia miltonioides*.

adamantinus: wanted to associate this with a diamond (ref. *adamas*; *adamantis*), as glittering or, for wealth and/or beauty, but noted from the discussion it simply means: very hard. cf. *Pleurothallis adamantinus*.

adamsii: listed for phytologist and orig.coll., B.R.Adams (+ of). ex Belize, cf. *Masdevallia adamsii* Luer 1994. + See next entry.

adamsii: listed for botanist and author, Charles Dennis Adams (+ of). ex the Caroline Islands, cf. *Dendrobium adamsii* A.D.Hawkes 1952.

adangense: for place name: from Adang Island, Thailand. cf. *Bulbophyllum adangense* Seidenf.1979.

adangensis: as *adangense*. cf. *Epicranthes adangensis* (Seidenf.) Garay & W.Kitt.1986. syn. *Bulbophyllum adangense*.

adansoniae: of *Adansonia*. cf. *Polystachya adansoniae* Rchb.f., ex trop. Africa. Noted it prefers *Adansonia* trees (Baobab), as the host. Of interest, *Adansonia* was named for botanist and naturalist, Michel Adanson (1727-1806).

x *Adapasias*: auct. On the syn. list, cf. ***Ada* x *Aspasias***.

adaxial: the side facing the apex, or close to and facing the axil.

addita: ref. *additus*: joined to, etc. cf. *Chysis addita*.

adductum: ref. *adductus*: contracted; strained; drawn together. cf. *Paphiopedilum adductum*.

adeinocheila: see *aden-*+ lip. Maybe an error for *adenocheilae* (?). cf. *Orchis adeinocheila*.

adelaidae: of Adelaida, listed as ex Colombia. Could be for a person, but noted a few places called Adelaida, or Santa Adelaida (?). cf. *Oncidium adelaidae* Königer 1995.

Adelopetalum: Fitzg.1891. Ref. *adelos*: unseen; obscure + petals: without visible petals. This feature can be common with many *Bulbophyllum* species. eg. *Adelopetalum bracteatum*. syn. *Bulbophyllum bracteatum*.

Adelopetalum: see last entry.= *Bulbophyllum* section.

adelphe: lit., sister. cf. *Lepanthes adelphe*.

adelphica: could be for a place name, or *adelph-* can be for a brother (*adelphos*), or a sister (*adelphe*) + see *-ica* (belonging to ?). On the syn. list without further info., cf.

Ophrys x adelphica Renz & Taubenheim.

adelphidium: ref. *adelphos*: a brother + dimin.: little brother (+ ref. *adelphidion*). Listed as compared to *Bulbophyllum lasianthum*. cf. *Bulbophyllum adelphidium*.

aden: used in combwds., ref. *aden*, *adenos*: gland (see "G"). Also, *aden* can mean: abundantly; enough, etc.

adenambon: *aden-*: gland + *ambon*: ridge; crest. cf. *Bulbophyllum adenambon*. syn. *B. quadrangulare*.

adenandroides: see *aden* + male + resembling. Also ref., *Adenandra*: a Sth. African genus of *Rutaceae* (:the rue family of plants, not orchids) + suffix: resembling (for some superficial likeness?). cf. *Glomera adenandroides*.

adenantha: see *aden* + flower. cf. *Cadetia adenantha*. syn. *C. hispida*.

adenanthum: see *aden* + flower. cf. *Dendrobium adenanthum*. syn. *Cadetia hispida*.

adendrobium: *a-* + *dendro-* + *-bium*: not tree-like; not living on trees. Or, could mean: not a *Dendrobium* (?). cf. *Maxillaria adendrobium*.

Adeneleuterophora: Barb.Rodr.1881: see *aden* + ref. *eleutheros*: free (as, lax; loose) + see *-phora*: bearing. Refs. to the labellum. syn. *Elleanthus*.

Adeneleuthera: Kuntze 1903: see *aden* + ref. *eleutheros*: free (as, lax; loose). syn. *Elleanthus* C.Presl.

adenoblepharon: see *aden* + see *blephari-*: eyelid, eyelash. cf. *Bulbophyllum adenoblepharon*.

adenocarpa: see *aden* + fruit (capsule). cf. *Glomera adenocarpa*.

adenocarpon: see *aden* + fruit (capsule). Ref. wart-like growths on the capsule. cf. *Epidendrum adenocarpon*. syn. *Encyclia adenocarpa*.

adenocarpum: as *adenocarpa*. cf. *Bulbophyllum adenocarpum*. syn. *B. lageniforme*.

adenocaula: gland + ref. *caulis*: stem; stalk. Ref. wart-like growths on the flower stem parts. cf. *Encyclia adenocaula*.

adenocaulon: as *adenocaula*. cf. *Epidendrum adenocaulon*. syn. *Encyclia adenocaula*.

adenocheila: see *aden* + lip. cf. *Orchis punctulata* ssp.*adenocheila*. syn. *O. adenocheilae*.

adenocheilae: see *aden* + lip + of. cf. *Orchis adenocheilae*.

adenochila: see *aden* + lip. cf. *Pleurothallis adenochila*.

Adenochilus: Hook.f. 1853: gland + lip. Ref. labellum calli. eg. *Adenochilus nortonii*. Noted as endemic to NSW., Aust.

adenoglossa: gland + tongue. cf. *Eulophia adenoglossa*.

adenoglossum: gland + tongue. cf. *Cymbidium adenoglossum*. syn. *Eulophia adenoglossa*.

adenoncoides: see *aden* + see *onci-*: pad, or barb + resembling. Or, *Adenoncos* + resembling (?). cf. *Adenoncos adenoncoides*. syn. *A. parviflora*.

Adenoncos: Blume 1825: see *aden* + see *onci-*: pad; swelling, etc. ex Borneo, etc., eg.

Adenoncos virens.

adenopetala: see *aden* + petals. Possibly ref. the paleae. cf. *Phyllorkis adenopetala*. syn. *Bulbophyllum flavescens*.

adenopetalum: as *adenopetala*. cf. *Bulbophyllum adenopetalum*. syn. *B. flavescens*.
adenophorum: see *aden* + see *-phora*: bearing. cf. *Bulbophyllum adenophorum*.
adenopoda: gland + *-poda*: foot. Ref. the ovary. cf. *Aeranthus adenopoda*.
Adenorhachis: see *aden* + see *rachis*: flower stem part.= *Oberonia* section.
adenosepala: see *aden* + *sepal*. cf. *Habenaria adenosepala*.
Adenostylis: Blume 1825: gland + see *style*: column. eg. *Adenostylis sulcata* (Roxb.) Hayata. syn. *Zeuxine strateumatica* (L.) Schltr. + See next entry.
Adenostylis: Blume 1825: gland + column. syn. (mostly): *Zeuxine*.
adenotrichum: see *aden* + see *trich-*: hairy; hair-like (?). cf. *Thrixspermum adenotrichum*. syn. *T. congestum*.
adhaesus: holding to; clinging to, + see *adhesion*. cf. *Cyclopogon adhaesus*.
adhesion, adherence: ref. *adhaerans*: adhering. Usually refs. to a plant's ability to cling ("stick") to a host.
adiamantinum: was listed as such, but may be an error, see *adamantinus*. cf. *Bulbophyllum adiamantinum* (*adamantinum*?).
x *Adioda*: auct. On the syn. list, cf. *Ada* x *Cochlioda*.
Adipe: Raf.1837: ref. *adipis*: grease; fat, etc. Fatty; greasy. syn. *Bifrenaria* Lindley.
adjungens: connecting; joining. Ref. *adiungere*: to attach; connect. Refs. to the pseudobulbs, which are an oddity (to me), as they just seem to flow into each other. cf. *Bulbophyllum adjungens*. Noted as endemic to Thailand.
admonens: probably ex *admoneo* + suffix: reminding; warning; advising; suggesting (?). cf. *Maxillaria admonens*. syn. *M. gomeziana*.
adnaria: possibly a contraction of *adnatus* + see *-are* and ref. *adnate*. cf. *Neottia adnaria*. syn. *Pelexia adnata*.
adnata: see *adnate*. cf. *Camarotis adnata*. syn. *Micropera fuscolutea*.
adnate: ref. *adnatus*: joined to; (almost) attached along the whole length; broadly attached. eg., Lip *adnate* to the column.
adnatum: see *adnate*. cf. *Epidendrum adnatum*.
adnatus: see *adnate*. cf. *Sarcochilus adnatus*. syn. *Micropera fuscolutea*.
Adnula: Raf.1837. Another he heavily abbreviates. See *adnate* + *dimin.*: almost *adnate*, or partly *adnate* (?). syn. *Pelexia* Poit.ex Rich.
adolphi: listed for orig.coll., Adolph Stolz (+ of, more see *Stolzia*). ex Tanzania, Africa, cf. *Nervilia adolphi* Schltr.1915. + See next entry.
adolphii: listed for Walter Adolpho Ducke, info. see *Duckeella*. ex Venezuela, cf. *Duckeella adolphii* Porto & Brade 1940. + See next entry.
adolphii: of Adolph Stolz, see *adolphi*. Was listed as *Nervilia adolphii*, but the official list is *adolphi* and all refs. were the same. + See next entry.
adolphii: for the given name of Adolphe Tonduz, more see *tonduzii*. ex Costa Rica, cf. *Maxillaria adolphii* (Schltr.) Ames & Correll 1943.
adonidis: ref. *Adonis* (aka., *Adonidis*), ex Roman myth.: a beautiful youth loved by Venus and the specep. infers: beauty or, as a favourite. cf. *Ophrys adonidis*. syn. *O. mammosa* ssp.*transhyrcana*.

adonis: with this author, it is probably for “beauty”, see *adonidis*. But, also see *Adonis*, next entry. cf. *Pleurothallis adonis* Luer 1976.

Adonis: for cross-reference: a genus of the crowfoot family, *Ranunculaceae*. Small herbaceous plants having yellow and/or red flowers, some favoured as garden ornamentals.

adox: ref. *adoxos*: disreputable; unfavourable; disgraceful. Also can be: obscure. cf. *Diaphananthe adoxa*. syn. *Rhipidoglossum adoxum*.

adoxum: as *adox*. cf. *Rhipidoglossum adoxum*.

adpressed: see *appressed*.

adpressibulum: *adpressed* + *bulb*. cf. *Dendrochilum adpressibulum*.

adpressifolium: see *appressed* + *leaf*. cf. *Dendrobium adpressifolium* syn. *D. flexile*.

adpressiscapum: *adpressed* + see *scape* (: a flower stem). cf. *Bulbophyllum adpressiscapum* syn. *B. ochroleucum*.

adrangense: for place name (+ from), only listed as ex s.east Madagascar. cf.

Bulbophyllum fractiflexum var. *adrangense* (H.Perrier) Bosser 1965.

adrastus: a strange choice for a specep., ref. *adrastos*, lit.: not running away. Perhaps, as: not deviating much from the parents; steady; firm, or “lasting”, etc. On the syn. list, cf. *Cypripedium* x *adrastus* auct.

adremedium: *ad-*: to, etc.+ ref. *remedium*: cure; remedy; medicine, etc. (Infers the plant has some medicinal quality?). cf. *Catasetum adremedium*.

adrianae: could be for a person’s name (of Adrian?), it’s also possibly for a place name. Listed as ex Ecuador, noted a few places called **Adriana** in nearby countries, but no ref. for Ecuador. cf. *Pleurothallis adrianae* Luer & Sijm 2002.

adriatica: as *adriaticum*. cf. *Orchis* x *adriatica* Soó.

adriaticum: ref. the area surrounding the Adriatic Sea (generally). Also, ref. the city of Adria, Veneto Region (which is “Adriatic”), nthn. Italy + suffix: belonging to. The official listing notes this species to be of the “south and s.east Alps”. cf.

Himantoglossum adriaticum. H.Baumann 1978.

Adrorhizon: Hook.f.1898. Ref. (*h*)*adros*: large; strong; great; stout, etc. + see *rhiza* (should ref. to the roots). eg. *Adrorhizon purpurascens*. Noted as monotypic, ex Sri Lanka.

Adrorhizon: see last entry.= *Coelogyne* section.

Adrorhizinae: see *Adrorhizon* + suffix: denotes it’s a subtribe.

adscendens: see *ad-*: to, etc.+ ref. *scandere*: to climb; mount. Can’t find any precedent, but it has to have the same meanings as *ascendens* (see later entry): climbing; ascending; rising, etc. cf. *Erythodes adscendens*.

adsorption: see *ad-*+ ref. *sorbere*: to suck in. Usually refs. to the ability of organs to take in nutrients.

adterminal: towards, or very near to the end. Not quite on the extremity and not really on the side (lateral). eg. An *adterminal* raceme. + See pseudo-lateral.

adulterina: ref. *adulterinus*: an adulteration; impure; counterfeit, etc. Perhaps, because it’s a cross (?). cf. *Orchis* x *adulterina* E.G.Camus 1892 (syn.).

adunca: ref. *aduncus*: bent; hooked. Ref. the median sepal. cf. *Corysanthes adunca*.

aduncata: see *aduncatus*. cf. *Lepanthes aduncata*.

aduncatus: descwd., ref. *aduncus*: bent; hooked + suffix: like; having. Hook-like; having some part(s) bent and alluded to resemble a hook.

aduncilobum: hooked + lobe. cf. *Diplocaulobium aduncilobum*.

aduncum: bent; hooked. cf. *Dendrobium aduncum*.

aduncus: bent; hooked. cf. *Corybas aduncus*.

advena: a stranger; foreigner. cf. *Oncidium advena*.

adventitious: ref. *adventitius*: extraordinary; unusual; not normal. + See next entry.

adventitious growth: is produced from an unusual area. New growths which can arise from the nodes of stems or pseudobulbs, from the axis of a raceme and from rhizomes, or roots. + See *keiki*.

advenum: a stranger; foreigner. cf. *Epidendrum advenum*. syn. *Encyclia advena*.

adversum: as *adversus*. cf. *Drymoanthus adversum*.

adversus: opposite to; turned toward. cf. *Sarcochilus adversus*. syn. *Drymoanthus adversum*.

-ae: a dedicative, or commemorative suffix added to a proper noun (: of, or belonging to). eg., See *aliceae*, which is for a town, named after a young lady's given name.

aechme: listed as ref. *aichme*, which is noted it can be for a spear; spear-head, or the point of a spear. cf. *Pleurothallis aechme*.

aechmophorum: see *aechme* + see -*phora*: bearing. Ref. the labellum. cf. *Bulbophyllum aechmophorum*.

Aeridium: Salisb.1812, see *Aeridium*. cf. *Aeridium odorum*. syn. *Aerides odoratum*.

aegaea: ex *Aegaeus*: Aegean. A general term, ref. to regions: Aegean Archipelago, Aegean Sea, etc. cf. *Ophrys aegaea* Kalteisen & H.R.Reinhard 1987. syn. *O. argolica*.

aeger: descwd.: sick; weak; sad; mournful, etc.

aegeridantennata: see *aeger*: weak, etc. + like + antenna(e) + having. ex New Caledonia, cf. *Acianthopsis aegeridantennata*. syn. *Acianthus aegeridantennatus*.

aegeridantennatus: as *aegeridantennata*. cf. *Acianthus aegeridantennatus*.

aegirtica: for place name (+ belonging to). cf. *Ophrys aegirtica* P.Delforge. *Ophrys* has a very wide distribution in the nthn. hemisphere and noted one small town in Sudan, Africa, called **Aegir** (with the "t" as a spacer?).

aegle: some authors say it's for an eagle. But, in subsequent reading, found the ref. *aigle*: brilliance; radiance; brightness. This is used in combwds. as *aeglo*:- bright, etc. (*aegle*: brightly?). cf. *Dendrobium aegle*. syn. *D. erosum*.

aemula: ref. *aemulus*: likened (to); emulating; equalling. cf. *Thelymitra aemula*. Noted as endemic to NZ.

aemulans: equalling; emulating. cf. *Dendrobium aemulans*. syn. *D. erosum*.

aemulum: as *aemula*. cf. *Dendrobium aemulum*.

aemulus: as *aemula*. cf. *Sarcochilus fitzgeraldii* var. *aemulus*.

aeneus: descwd.: of copper, bronze, or brass. Can ref. to a cooking utensil: kettle; cauldron. + Can be a vague colour term: a brassy-bronze colour.

aenicta: ref. *ainiktos*: puzzling; baffling; an enigma, etc. ex Mexico, cf. *Encyclia aenicta*.

aenigma: ref. *ainigma*: a riddle; puzzle; mystery, etc. cf. *Pterostylis aenigma*. Noted as endemic to Vic., Aust.

aeoli: see *aeolium*. cf. *Ophrys aeoli*. syn. *O. holoserica* ssp. *bornmuelleri*.

aeolica: see *aeolium* + see *-ica*, for the action. It likes a windy habitat, or it has changed, or is capable of change (?). cf. *Stelis aeolica*.

aeolium: ref. Gk.myth. Aiolos (Lat.: Aeolus): god of the winds + of. Ref. *aiolos*: variable; changeful (like the wind). The specep. is possibly because this species. is so variable. cf. *Bulbophyllum aeolium*.

Aeonia: Lindley 1824: ref. *aionios*: everlasting. syn. *Oeonia* Lindley 1826. (See this entry at "O"). This is strange, as *Oeonia* is reported to be from *oionos*: a bird of prey, it was named two years later and yet *Aeonia* is synonymous to *Oeonia* (?).

aequalis: equal; even; the same. cf. *Diuris aequalis*.

aequatorialis: see next entry, but this species is listed as from eastn. and sthn. trop. **Africa** and as this is a synonym, there wasn't any info. Can only be Lat'd. English: equatorial (: of, or relative to the equator). By the given distribution, it was probably from Kenya, which the equator traverses. cf. *Habenaria aequatorialis* Rendle 1895. syn. *H. stylites*.

aequatorialis: (of *Aequatoria*) listed as being the correct specep. for the country, **Ecuador**. cf. *Masdevallia aequatorialis* F.Lehm.& Kraenzl. syn. *M. pardina*.

aequiflora: equal; even, etc. + flower. cf. *Pleurothallis aequiflora*. syn. *P. brachyglottis*.

aequiloba: equal + lobe(s). cf. *Disa aequiloba*.

aequinoctiale: as *aequinoctialis*. cf. *Oncidium aequinoctiale*. syn. *Caucaea aequinoctialis*.

aequinoctialis: equal + night + of; relative to, and/or to do with the equinoxes. The easiest explanation is to look up your English dictionary and see equinoctial and equinox. This species is from where the Equator runs centrally through the Ecuadorian Andes. cf. *Caucaea aequinoctialis* (Stacy) N.H.Williams & M.W.Chase 2001.

aer-: used in combwds. ref. *aerios*: of, or to do with the air. + Can also ref. to *aeris*: bronze, or brass. + See *aereus*.

x *Aerangaeris*: auct. On the syn. list, cf. *Aerangis* x *Rangaeris*.

Aerangis: Rchb.f.1865: see *aer-* + ref. *angeion*: vessel. Possibly ref. the spur. ex west central trop. Africa, eg. *Aerangis arachnopus*.

Aerangidinae: see *Aerangis* + suffix denotes it's a subtribe.

Aeranthus: Lindley 1824: see *aer-* + flower. ex the Mascarenes, eg. *Aeranthus arachnitis*.

Aeranthus: Bartling 1830: see *aer-* + flower. eg. *Aeranthus leonis*. syn. *Angraecum leonis*.

Aerasconetia: auct. On the syn. list, cf. *Aerides* x *Ascozentrum* x *Neofinetia*.

aerata: see *aeratus*: of bronze, for the colour. cf. *Sobralia aerata*.

aeratus: descwd., same as *aereus*: of bronze, etc. The different suffix: -like, or for a colour.

aereus: a vague colour term: bronze coloured.+ Can be a general term: for anything to do with copper, brass or, bronze.

aerial: of, belonging, or relative to the air. eg., aerial growth: + See adventitious, keiki, etc.

aerial roots: roots developed (mostly) by epiphytes which reach out into space and are not attached to the host, but are still fully functional.

x *Aeridachnanthe*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Arachnis* x *Papilionanthe*.

x *Aeridachnis*: auct. On the syn. list, cf. *Aerides* x *Arachnis*.

x *Aeridanthe*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Euanthe*.

Aerides: Lour.1790: see *aer-* + suffix: airy; of the air, etc. One ref. says it lit. trans. to "children of the air" (?), but most just say it's an inference to their epiphytic habit. ex China to trop. Asia, eg. *Aerides odoratum*.

aerides: see *Aerides*. cf. *Epidendrum aerides*. syn. *Aerides odoratum*.

aeridiforme: see *Aerides* + shape; form. ex Brazil, cf. *Epidendrum aeridiforme*. syn. *E. harrisoniae* Hook.1833. + See next entry.

aeridifolium: see *Aerides* + leaf. cf. *Epidendrum aeridifolium*. syn. *E. harrisoniae*.

Aeridinae: see *Aerides* + suffix denotes it's a subtribe.

x *Aeridisia*: auct. On the syn. list, cf. *Aerides* x *Luisia*.

x *Aeriditis*: auct. On the syn. list, cf. *Aerides* x *Doritis*.

Aeridium: Pfeiff.1873: see *Aerides* + dimin. syn. *Aerides* Lour.

x *Aeridocentrum*: auct. On the syn. list, cf. *Aerides* x *Ascocentrum*.

x *Aeridochilus*: auct. On the syn. list, cf. *Aerides* x *Sarcochilus*.

x *Aeridofinetia*: auct. On the syn. list, cf. *Aerides* x *Neofinetia*.

x *Aeridoglossum*: auct. On the syn. list, cf. *Aerides* x *Ascoglossum*.

x *Aeridoglottis*: auct. On the syn. list, cf. *Aerides* x *Trichoglottis*.

x *Aeridopsis*: auct. On the syn. list, *Aerides* x *Phalaenopsis*.

x *Aeridopsisianthe*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Euanthe* x *Vandopsis*.

Aeridostachya: (Hook.f.) Brieger 1981. See *Aerides* + spike (: the raceme). syn. *Eria* Lindl.

Aeridostachya: see *Aerides* + spike.= *Eria* section.

aeridostachya: see *Aerides* + spike. cf. *Eria aeridostachya*. syn. *E. robusta*.

x *Aeridostylis*: A.D.Hawkes. On the syn. list, cf. *Aerides* x *Rhynchostylis*.

x *Aeridovanda*: auct. On the syn. list, cf. *Aerides* x *Vanda* (with "o" as a spacer).

x *Aeridovanisia*: auct. On the syn. list, cf. *Aerides* x *Luisia* x *Vanda*.

aeries: in English, an aerie is the nest of an eagle, etc., built in very high places. May be an error for *aries* (?), as see the "correct name". cf. *Dendrobium aeries*. syn. *D. aries*.

Aerobion: Kaempf. ex Spreng.1826: ref. *aerios*: of the air + see *bios*: life: aerial life. syn. *Angraecum* Bory.

aerochila: see *aer-* + lip. cf. *Caladenia aerochila*. Noted as endemic to s.east Aust.

aerochilum: see *aer-* + lip. cf. *Calonema aerochilum*. syn. *Caladenia aerochila*.

aerosanthum: of the air + flower(s). It is probably a play on *flos-aeris*, as note the "correct name". cf. *Epidendrum aerosanthum*. syn. *Arachnis flos-aeris*.

aerosus: descwd., or vague colour term, ref. *aeris*, see *aereus* (bronze coloured, etc.) + see -*osa*: of; full of; an abundance. Listed as mostly for the colour of copper, but this is usually noted as: *cupreus*.

aesculapii: ref. Gk.myth., *Asclepius* (Lat.: *Aesculapius*), god of medicine and healing. Infers the plant has some medicinal quality (?). cf. *Ophrys aesculapii*. Renz.1928.

aeson: a fanciful specep., possibly taken from Gk.myth. in the stories of Jason, the Argonauts and the search for the golden fleece. Aeson was a king of a region in Thessaly and was Jason's father. Could simply mean it's a "king" (majestic, etc.?). On the syn. list, cf. *Cypripedium* x *aeson* auct.

aestantha: *aest-*, a contraction of *aestivus*: of summer + flower. Listed as a natcross of *Caladenia corynephora* x *C. serotina*. cf. *Caladenia* x *aestantha* Hopper & A.P.Br.2001. Noted as endemic to s.west Aust.

aestiva: ref. *aestivus*: of summer. Flowers in summer. cf. *Pterostylis aestiva*. Noted as endemic to Vic., Aust.

aestivale: ref. *aestivus* + suffix: of, or relative to summer. cf. *Bulbophyllum aestivale*.

aestivalis: as *aestivale*. cf. *Spiranthes aestivalis*.

aestivation: refs. to the arrangement of floral parts (the calyx and corona) of a flower bud, in its developing stage. Different forms, or types have their own technical term, which I really doubt is necessary to expound upon, here.

aestivum: as *aestivus*. cf. *Calonema aestivum*. syn. *Caladenia aestiva*.

aestivus: descwd.: of, or relative to summer. Mostly refs. to a plant's flowering time.

aetheoantha: listed as ref. *aitho*: burn. Has many connotations to being burnt: blackened; scorched; sunburnt, etc. +-*antha*: flower. cf. *Octomeria aetheoantha*.

Aetheria: Endl.1837: ref. *aither*: the upper air (+ of). Could imply: ethereal; empyreal; airy, etc. eg. *Aetheria oblongifolia*. syn. *Hetaeria oblongifolia*.

aethiopica: belonging to Ethiopia. cf. *Habenaria aethiopica* S.Thomas & P.J.Cribb 1996.

aethiopicum: belonging to Ethiopia. cf. *Satyrium aethiopicum* Summerh.1958.

aethiopicus: belonging to Ethiopia. cf. *Pseudoperistylus aethiopicus* Szlach.& Olszewski 2000. syn. *Habenaria aethiopica*.

aetnensis: from Mt. Etna (orig., *Aetna*), a major volcano of east coast Sicily. cf. *Orchis aetnensis* Tineo 1844. syn. *Neotinea tridentata*.

aetolica: belonging to Aetolia Department (admin. division, once a Roman province), nth. coast Gulf of Corinth, Greece. cf. *Ophrys* x *aetolica* H.Baumann & Künkele.

aevicta: ref. *evictus*: prevailed; proved. cf. *Encyclia aevicta*.

aff.: an abbr. for: having affinities (to, or with). Seen in listings, refs. to an undescribed (or unknown) species which has many similarities to an already described species, eg. "*Bulbophyllum* sp. aff. *B. uniflorum*". Then comes the hard part, determining exactly what it is. Sometimes an author will use "cf." instead of "aff.", see cf.

affilum: without + thread. cf. *Dendrobium affilum*.

affine: ref. *affinis*: related; neighbouring. cf. *Dendrobium affine*. Noted from a discussion, maybe because they are a first cousin to *Dendrobium bigibbum*. Pers.coll., very common ex Darwin, NT., Aust. Then, I knew them as *D. dicuphum*, now a synonym.

Affines: (those) related; neighbouring.= *Polystachya* section.

affines: as *Affines*. cf. *Bulbophyllum affines*.

affinis: related; neighbouring (listed as compared to *Zeuxine flava*). cf. *Zeuxine affinis*.

affinoides: related + resembling. May have been compared to *Bulbophyllum affines* (?). cf. *Bulbophyllum affinoides*.

afghanica: belonging to the Afghan (people), and/or: of Afghanistan (?). cf. *Orchis hatagirea* var. *afghanica* Soó 1928. syn. *Dactylorhiza umbrosa*.

Afrangraecum: coined from Africa + *Angraecum*, for (some of) those not from Madagascar. = *Angraecum* section.

africana: belonging to Africa (+ see *africanus*). cf. *Ansellia africana* Lindley 1844. (Its very well known common name is the “leopard orchid”.)

africanum: as *africana*. cf. *Cirrhopetalum africanum* Schltr. 1915. syn. *Bulbophyllum longiflorum*. Of interest to note, Dr. Schlechter could not have recognised it, as he had classified the same plant two years earlier. + See *kenejianum*, also *longiflorum*.

africanus: may not be simply for “Africa” + belonging to. *Africae* was once a Roman province and is now the country of Tunisia. So, is the author ref. to this area, or just Africa in general (?). cf. *Epipogium africanus* Schltr. 1911. syn. *E. roseum*.

afromontanum: of Africa + belonging to a mountain. Listed as ex Mt. Mulanje, Malawi. cf. *Satyrium afromontanum* la Croix & P.J. Cribb 1993.

afzelii: listed for phytologist and author, Karl Rudolf Afzelius (1887-1971). ex Madagascar, cf. *Bulbophyllum afzelii* Schltr. 1918.

aga-: used in combwds. as an emphasis. Ref. *agan*: very; much. eg. see *agastachys*.

agamense: as *agamensis*. cf. *Flickingeria agamense* (J.J. Sm.) J.B. Comber 2001.

agamensis: for place name (+ from), only listed as ex Sumatra, Indon. cf. *Dendrobium agamensis* J.J. Sm. 1926. syn. *Flickingeria agamense*.

Aganisia: Lindley 1839: ref. *aganos*: gentle; mild (+ of). ex Trinidad to Brazil, eg. *Aganisia pulchella*.

x *Agananthes*: auct. On the syn. list, cf. *Aganisia* x *Cochleanthes*.

x *Agasepalum*: auct. On the syn. list, cf. *Aganisia* x *Zygosepalum*.

agapethoides: ref. *agapethos*, *agapetos*: greatly loved, etc. + resembling. cf. *Bulbophyllum agapethoides* Schltr. 1911.

agapitae: for place name (of Agapita?), only listed as ex Jalisco state, Mexico. cf. *Habenaria agapitae* R. González & Reynoso 1993.

agar (+ *agar-agar*): Reported as a polysaccharide, commercially supplied in crystal form, obtained from the mucilages of certain red seaweeds (noted as the genus *Gelidium*). After dissolving in water it is heated in an autoclave, for sterilising (it melts at c100°C.) and being allowed to set, it is firm and looks like aspic jelly. Is (was?) used widely as a major ingredient in the medium for flasking (see “F”). Noted as highly resistant to attack from micro-organisms. Of interest, seaweeds are mostly kinds of algae, see *alga*.

agastachys: see *aga-* + ref. *stachys*: spike: very spiky; much spiked; with many spikes (as, *racemes?*, see *spike*). cf. *Orchis agastachys*. syn. *Platanthera dilatata* var. *dilatata*.

agaster: *a-*: without + *gaster*: belly; abdomen. cf. *Masdevallia agaster*.

agastor: one who is closely related; twin, etc. cf. *Bulbophyllum agastor*.

agathodaemonis: initially, I lit.trans. this as: good + ref. *daimonos*: spirit, but (much) later learned it's actually for a mountain. Ref., Mt.Agathodaemon, Papua, Indon. cf. *Dendrobium agathodaemonis* J.J.Sm.1910. syn. *D. cuthbertsonii*.

agathophylla: good + leaf. cf. *Pleurothallis agathophylla*.

agathosmicum: ref. *agathos*: good, etc. + ref. *micare*: to shine. cf. *Epidendrum agathosmicum*.

Aggeianthus: Wight ex Schltr.1914. One authoritative ref. says it's ref. *angeion*: small vessel + flower (?). Has to ref. to the tubular-like flowers. syn. *Porpax*.

Aggeranthus: Wight 1851: see *aggeris* + flower. syn. *Porpax*.

aggericola: see *aggeris* + resident; dweller. cf. *Thelymitra aggericola* D.L.Jones 1999. Noted as endemic to Tas., Aust.

aggeris: ref. *agger*: a rampart; mound; built-up mass; heap + of. cf. *Lepanthes aggeris*.

agglutinata: see agglutinate. cf. *Lepanthes agglutinata*.

agglutinate: ref. *agglutinus*: glued; adhering; to be united as if glued together.

aggregata: see aggregate. cf. *Maxillaria aggregata*.

aggregate: ref. *aggregatus*: clustered together; collected into a heap. Can also be a collective word used in ref. to a group, making up a section, or subtribe (: an aggregation).

aggregatum: see aggregate. cf. *Bulbophyllum aggregatum*.

agiasense: for place name (+ from), only listed as ex the eastn. Aegean islands. cf. x *Comptoglossum agiasense* Karatzas 2004.

agile: ref. *agilis*: agile; nimble; quick. cf. *Porroglossum agile*.

Aglossorhyncha: Schltr.1905, simply: not *Glossorhyncha* (see "G"), although, it's noted it closely resembles this genus. ex New Guinea, eg. *Aglossorhyncha lucida*.

agnicapitatum: ref. *agnus*: lamb + headed (see capitata). Ref. the flower. cf. *Cypripedium agnicapitatum*.

agoyanense: from Agoyan (village), Tungurahua, central Ecuador. cf. *Epidendrum agoyanense* Hágsater & Dodson 1993.

agrostophylla: ref. *agrostis*: grass (of fields) + leaf. cf. *Eulophia agrostophylla*. Noted as endemic to Qld., Aust..

Agrostophyllinae: ref. *Agrostophyllum* + suffix denotes it's a subtribe.

agrostophylloides: grass + leaf + resembling. Or, because it looks like an *Agrostophyllum* (and yes, it does). cf. *Dendrobium agrostophylloides*.

Agrostophyllum: Blume 1825: grass + leaf. eg. *Agrostophyllum elongatum*. Pers.coll., common ex PM.PNG.

agrostophyllum: grass + leaf. cf. *Dendrobium agrostophyllum*. Pers.coll., quite common ex PM.PNG. Has a limited attraction and is only considered as a "botanical".

aguacatensis: for place name: from Aguacate. Can't be precise, as there are well over a hundred places of the same name, in about ten different Sth.American countries. Of interest *aguacate* is Spanish for: avocado; pear-shaped emerald. cf. *Brachystele aguacatensis* (Rchb.f.) Schltr.1920. syn. *B. guayanensis*.

aguaricoense: from Aguatico. Noted two villages of this name, eastn. Sucumbíos Prov., Ecuador. cf. *Epidendrum aguaricoense* Hágsater & Dodson 2001.

aguirrei: listed for phytologist, E.Aguirre (+ of). ex Colombia, cf. *Epidendrum aguirrei* Hágsater 1999.

agusanense: for place name (+ from), only listed as ex the Philipp. Could ref. to **Agusan** Pequeño (village), near the mouth of the **Agusan** River. Or, **Agusan** Prov., all of nthn. Mindanao, Philipp. cf. *Dendrobium agusanense* Ames 1923. + See next entry.

agusanensis: see *agusanense*, but the location given for this species is listed as ex **Luzon** Island, Philipp. Have one possible ref., with slightly different spelling: Pag-**aguasan** (village), sthn. Luzon (?). cf. *Staurochilus agusanensis* (Ames & Quisumb.) Fessel & Lückel 1998.

aiolographis: freely trans. to: changed writing. Ref. *aiolos*, lit.: variable; changeable + *graphis*, lit.: a scribe; writing pen. Alluding to the scribbles, marks, spots and blotches that could almost be some kind of writing. + See the “correct name” (*alphabetica*). cf. *Graphorkis aiolographis*. syn. *G. concolor* var. *alphabetica*.

aitchisonii: listed for botanist, James Edward Tierney Aitchison (1835-1898). Descs. accr. to him are abbr. to: Aitch. ex India, cf. *Habenaria aitchisonii* Rchb.f.1886.

aithalos: soot; very thick smoke. cf. *Lepanthes aithalos*.

aithorhachis: ref. *aitho*: burn; *aithops*: burnt; sunburned, etc. + see rachis: flower stem part. cf. *Bulbophyllum aithorhachis*.

akhdarensis: from Jabal al **Akhdar** (Green Mtns.) of Cyrenaica region, n.east Libya. cf. *Ophrys fusca* ssp. *akhdarensis* B.& H.Baumann. syn. *O. fusca* ssp. *fusca*.

Ala: Szlach.1995: ref. *ala*: wing, although it could be a contraction for many words. syn. *Habenaria Willd.*

alabastra: ref. *alabastos*: gypsum (aka. alabaster). cf. *Trichosalpinx alabastra*.

alabastraceus: see *alabastrinus*. This has a different suffix, see *-acea*, but still basically means the same. Ref. the flowers, a dull white, likened to the colour of alabaster (: gypsum). cf. *Bulbophyllum alabastraceus*. Noted as endemic to PNG.

alabastrialatum: see *alabastrinus* + winged. cf. *Epidendrum alabastrialatum*.

alabastrinus: ref. *alabastos*: gypsum + suffix, see *-ina*: like, etc. + A vague colour term: slightly dull, marble-like white.

alabense: was listed to be from Gunung (: Mt.) Alab. Have only a ref. to Alab (village), of Sabah, nthn. Borneo. cf. *Dendrobium alabense* J.J.Wood 1990. Endemic to Borneo.

alabensis: as *alabense*. cf. *Ceraia alabensis* (J.J.Wood) M.A.Clem.2003. syn. *Dendrobium alabense* J.J.Wood.

alagense: from the Alag River area, Mindoro, Philipp. cf. *Bulbophyllum alagense* Ames 1907.

alagensis: as *alagense*. cf. *Malaxis alagensis* (Ames) Ames 1908.

alagoense: as *alagoensis*. cf. *Epidendrum alagoense* Pabst. syn. *Prosthechea alagoensis*.

alagoensis: for place name: from Alagoas state, Brazil. cf. *Prosthechea alagoensis* (Pabst) W.E.Higgins 1998.

alainii: listed as ex the Dominican Republic. Have only the one ref., for whom it's possible it may be, ref.: Brother Alain (+ of), a cleric of a religious order, né Enrique Liogier (b1916). cf. *Pleurothallis alainii* Dod 1978.

alajuelensis: from Alajuela Prov., Costa Rica. cf. *Stelis alajuelensis* Pridgeon & M.W.Chase 2002. syn. *Pleurothallis ramonensis* Schltr.1923.

alamaganensis: from Alamagan Island of the Nthn. Mariana Islands (a commonwealth of the USA.). cf. *Malaxis alamaganensis* S.Kobay.1994.

Alamania: Lex.1825: noted he named it for a friend, Don Lucas Alaman, a Mexican civil servant. eg. *Alamania punicea*. Noted as monotypic and endemic to Mexico.

Alamannia: Lindley 1846. See *Alamania*. syn. *Alamania* Lex.

x *Alangreatwoodara*: auct.: of, or belonging to Alan Greatwood (?). On the syn. list, as the result of *Pabstia* x *Promenaea* x *Zygopetalum*.

alanjense: for place name: from Alanje (village), Chiriqui Prov., Panama. cf. *Epidendrum alanjense* Ames 1922. syn. *Encyclia stellata*.

x *Alantuckerara*: Ross Tucker, J.M.H.Shaw & Griffiths: of, or belonging to Alan Tucker (a relative of the first author?). On the syn. list, as the result of *Neogardneria* x *Promenaea* x *Zygopetalum*.

alare: as *alaris*. Alluding to the petals, being likened to "wings".cf. *Pterygodium alare*. syn. *P. platypetalum*.

alaris: lit., of the wing (+ can be: axillary). cf. *Ophrys alaris*. syn. *Pterygodium catholicum*.

alaschanica: as *alaschanicus*. cf. *Monorchis alaschanica* (Maxim.) O.Schwarz 1949. syn. *Peristylus alaschanicus*.

alaschanicum as *alaschanicus*. cf. *Herminium alaschanicum* Maxim.1887. syn. *Peristylus alaschanicus*.

alaschanicus: Lat'd. spelling: of, or belonging to Alaska. cf. *Peristylus alaschanicus* (Maxim.) N.Pearce & P.J.Cribb 2001.

alasiatica: belonging to Alasia (: Engomi), a town of eastn. Cyprus Island. cf. *Ophrys alasiatica* Kreutz, Segers & H.Walraven 2002.

alaskanum: of, or belonging to Alaska. cf. *Cypripedium* x *alaskanum* P.M.Br.1995. Listed as a natcross of *Cypripedium guttatum* x *C. yatabeanum*.

alata: see alate: winged. cf. *Pterostylis alata*. Noted as endemic to s.east Aust.

alate: ref. *alatus*: winged; having wings; wing-like. eg. Small projections likened to wings, such as lobes, calii, stelidia, etc. + See wing.

alaticcallosa: see alate + see calli, callose. cf. *Geesinkorchis alaticcallosa*.

Alaticaulis: lit., those with a winged stem. Ref. the triquetral peduncle.= *Masdevallia* subsection.

alaticaulinum: see alate + ref. *caulis*: stem; stalk + see -ina: like etc. cf. *Dendrobium alaticaulinum*. Noted as endemic to PNG.

Alatiliparis: Marg.& Szlach.2001: winged + see *Liparis*. syn. *Liparis* Rich.

alatoides: winged + resembling. Although, it was probably compared to *Orchis* x *alata*. cf. *Orchis* x *alatoides* Fleury.

alatum: see alate. An allusion to the lateral sepals likened to wings. cf. *Bulbophyllum alatum*.

alatus: see alate. cf. *Isochilus alatus*.

alb-, albi-, albo-: used in combwds., see *albus*. Mostly infers a dull white colour.

alba: white. cf. *Diuris alba*. Noted as endemic to eastn. Aust. Not completely “white” as it has many reddish blotches, esp. on the labellum.

albanensis: for place name (+ from), only listed as ex n.east Brazil. One that seems right is Albano, a town of Amazonas state (?). cf. x *Sophrocattleya albanensis* (Rolfe) Van den Berg & M.W.Chase 2001.

albanica: belonging to Albania. Or, refs. to *Albanus*: Albano area, central Italy (?). cf. *Orchis albanica* Gözl & H.R.Reinhard. syn. *Anacamptis morio*.

alba-plena: white + ref. *plene*: entirely; fully. cf. *Bifrenaria harrissoniae* var. *alba-plena*. syn. *Bifrenaria harrissoniae* (Hook.) Rchb.f. Noted as entirely white and rare, ex Brazil.

albata: white + suffix: like; having; (being). cf. *Esmeralda sanderiana* var. *albata*.

albayense: for place name: from Albay Prov., Philipp. Trivium: location of the very infamous and active Mayon Volcano. cf. *Dendrobium albayense* Ames 1912.

albella: as *albellus*. cf. *Caladenia longicauda* ssp.*albella*. Noted as endemic to West. Aust.

albellus: a vague colour term: white + dimin.. Noted as similar to *albidus*: whitish.

albensis: listed as Lat’d. spelling for place name: from *Albis*: Elbe (River), Czech. cf. *Epipactis albensis* Nováková & Rydlo 1978.

alberobellensis: from Alberobello, a minor city of Bari, Apulia, Italy. cf. *Ophrys* x *alberobellensis* H.Baumann & Künkele.

alberteduardi: Lat’d. spelling for place name: of Mt.Albert Edward, PNG. cf. *Ceratostylis alberteduardi* P.Royen 1979. Noted as endemic to PNG.

albertii: listed for given name of orig.coll.: of Albert Bruchmueller. ex Guatemala to Bolivia, cf. *Stelis albertii* Schltr.1923. syn. *S. pardipes*.

albertisianum: belonging to d’Albertis, see *dalbertisii*. cf. *Dendrobium undulatum* var. *albertisianum* F.Muell.1875. syn. *D. discolor* ssp.*discolor*.

albescens: whitening; tending to, or becoming white. + Can also describe: becoming whitish from another colour. cf. *Polystachya albescens*.

albibracteum: white + bracted. cf. *Bulbophyllum albibracteum*.

albicans: whitening; becoming whitish. Listed as similar to *albescens*. cf. *Masdevallia albicans*. syn. *Dryadella pusiola*.

albicoccineum: white + see *coccineus*: a (scarlet) red. Flowers are red with white tips. cf. *Mediocalcar albicoccineum*. syn. *M. bifolium*. Noted as endemic to New Guinea.

albicolor: white + colour. cf. *Dendrobium albicolor*. syn. *D. kentrophyllum*.

albida: see *albidus*: whitish; almost white. cf. *Laelia albida*.

albidiflora: see *albidus* + *flora*: whitish; almost white + flower. cf. *Aeranthus albidiflora*.

albidiflorum: as *albidiflora*. cf. *Dendrobium tubiflorum* forma *albidiflorum*. syn. *D. tubiflorum*.

albidoflava: whitish + yellow. cf. *Encyclia cochleata* forma *albidoflava*. syn. *Prosthechea cochleata* var.*triandra*.

albidofulva: whitish + see *fulvus*: tawny. cf. *Huntleya albidofulva*. syn. *H. meleagris*.

albidorubra: whitish (: the floral segments) + red (: apex of column). cf. *Aerangis albidorubra*. syn. *A. luteoalba* var. *rhodosticta*. (Also see [*Aerangis*] *rhodosticta*).

albidorubrum: as *albidorubra* (with the same comments). cf. *Angraecum albidorubrum*. syn. *Aerangis luteoalba* var. *rhodosticta*.

albidostylidium: whitish + ref. stylids, see stelidia: apical column wings. Has distinctive white tips to the stelidia. cf. *Bulbophyllum albidostylidium*.

albidotomentosa: whitish + see tomentose: having short, soft hair. cf. *Eria albidotomentosa*. syn. *Eria lasiopetala*.

albidotomentosum: as *albidotomentosa*. cf. *Dendrolirium albidotomentosum*. syn. *Eria lasiopetala*.

albidulum: see *albidulus*, *albidus*. cf. *Dendrobium albidulum*. syn. *D. diodon*.

albidulus: a vague colour term, see *albidus* + dimin.: a paler dirty white.

albidulus: as *albidulus*. cf. *Peristylus albidulus*. syn. *Habenaria montolivaea*.

albidum: as *albidus*. cf. *Cynoches albidum*.

albidus: a vague colour term: dirty white; whitish.

albidus: as last entry. cf. *Peristylus albidus*. syn. *Pseudorchis albida*.

albiflora: white + flower. cf. *Ceratostylis albiflora*.

albifloroides: white + flower + like, etc. Or, may have been likened to *Epidendrum albiflorum* (+-oides?). cf. *Epidendrum albifloroides*.

albiflorum: white + flower. cf. *Dendrobium albiflorum*. syn. *Cadetia albiflora*.

albiflorus: white + flower. cf. *Calopogon pallidus* forma *albiflorus*. syn. *C. pallidus*.

albiflos: white + see *flos*: flower. cf. *Sobralia albiflos*.

albifolia: white + leaf. cf. *Epipactis helleborine* forma *albifolia*. syn. *E. helleborine*.

albiglans: white + acorn, or see gland. cf. *Prasophyllum albiglans*. syn. *Genoplesium nudiscapum*. Noted as endemic to eastn. Aust.

albina: white + like, or for the colour. cf. *Octomeria albina*. + Of interest, see albino.

albineus: a vague colour term: off-white. + See *albidus*.

albino: can ref. to an all white form of a usually multi-coloured flower, but mostly refs. to a "sport", a pale washed-out variation. eg. A white flower with a normally purple-violet labellum, has (almost) a white labellum. I use this example, as I found it once with *Dendrobium affine*. It was quite healthy and typical in every other way, just looked strange, without the dark lip.

albinum: see *albina*. cf. *Paphiopedilum delenatii* forma *albinum*. syn. *P. delenatii*.

albinus: descwd., listed to be the same as *albineus*.

albipetala: white + petals. cf. *Pleurothallis lilacina* var. *albipetala*. syn. *P. recurva*.

albipurpurea: white + purple. cf. *Calcearia albipurpurea*. syn. *Corybas albipurpureus*.

albipurpureus: white + purple. cf. *Corybas albipurpureus*.

albiviride: white + ref. *viridis*: green. Ref. the flowers, listed as whitish-green. cf. *Dendrobium vexillarius* var. *albiviride*. Noted as endemic to PNG.

albiviridis: white + green. The flowers are desc. as greenish-white. cf. *Glomera albiviridis*.

albobrunnea: white + see *brunneus*: a darker brown. cf. *Coelogyne albobrunnea*.

albociliatum: white + see ciliate: having eyelashes, etc. Ref. the lip. cf. *Bulbophyllum albociliatum*.

albococcineum: white + see *coccineus*: a red. Ref. the lip. cf. *Trichocentrum albococcineum*.

alboflavum: white + yellow (see *flavus*). cf. *Paphiopedilum micranthum* var. *alboflavum*. syn. *P. micranthum*.

albofulva: white + see *fulvus*: tawny. cf. *Huntleya albofulva*. syn. *H. meleagris*.

albojucundissimum: white + ref. *iucundus*: pleasant; delightful + suffix, an emphasis; very, etc. cf. *Cymbidium albojucundissimum*. syn. *C. sinense*.
albolabia: white + lip. cf. *Cyclopogon cranichoides* forma *albolabia*. syn. *C. cranichoides*.
albolabium: white + lip. cf. *Cypripedium parviflorum* forma *albolabium*. syn. *C. parviflorum*.
albolilacina: white + see lilac +-ina: for the colour, or like, etc. ex Java, listed as a natcross of *Calanthe ceciliae* x *C. triplicata*. cf. *Calanthe* x *albolilacina* J.J.Sm.1913.
albolileacea: white + lily + like. cf. *Dactylorhiza majalis* forma *albolileacea*. syn. *Dactylorhiza majalis*.
albolineatum: white + see lineate: lined, etc. cf. *Saccolabium albolineatum*. syn. *Rhynchostylis gigantea*.
albolineatus: as *albolineatum*. cf. *Anoectochilus albolineatus*.
albolongicalcarata: white + long + spurred. cf. *Calanthe albolongicalcarata*. syn. *C. sylvatica*.
albolutea: white + see *luteus*: yellow. cf. *Calanthe albolutea*.
alboluteum: as *albolutea*. cf. *Dendrobium densiflorum* var. *alboluteum*. syn. *D. thyrsifolium*.
albomaculatum: white + spotted, or has white spots (?). cf. *Odontoglossum ramosissimum* var. *albomaculatum*. syn. *Cyrtorchilum ramosissimum*.
albomarginata: white + see *marginata*: with white edges. cf. *Platanthera albomarginata*.
albomarginatum: as *albomarginata*. cf. *Habenaria albomarginatum*.
albomarginatus: as *albomarginata*. cf. *Anoectochilus albomarginatus*.
albo-oculata: white + ref. *oculatus*: eyed, etc. cf. *Cattleya labiata* var. *albo-oculata*. syn. *Cattleya labiata*.
albopictum: white + painted. cf. *Selenipedium albopictum*.
albopunctata: white + dotted. cf. *Fruticicola albopunctata*. syn. *Bulbophyllum fruticicola*.
albopunctatus: white + dotted. cf. *Cyclopogon albopunctatus*. syn. *Stenorrhynchos esmeraldae*.
albopurpuratum: white + purple + like; having. cf. *Dendrobium bigibbum* var. *albopurpuratum*. syn. *D. striaenopsis* (?).
albopurpurea: white + purple. cf. *Encyclia albopurpurea*.
albopurpureum: white + purple. cf. *Trichocentrum albopurpureum*. syn. *T. albococcineum*.
alboreticulata: white + see *reticulate*. cf. *Goodyera alboreticulata*. syn. *G. hachijoensis*.
alboreticulatum: white + see *reticulate*. cf. *Peramium alboreticulatum*. syn. *Goodyera hachijoensis*.
alborosea: white + rosy (reddish). cf. *Pleurothallis alborosea*.
alboroseum: white + rosy. Flowers are pink and white. cf. *Bulbophyllum alboroseum*.
alborubens: white + red. cf. *Cymbidium alborubens*. syn. *C. dayanum*.
alborubra: white + red. cf. *Cynorkis alborubra*.
alborubrum: white + red. cf. *Oncidium guianense* var. *alborubrum*. syn. *O. guianense*.
albosanguinea: white + (blood-) red. cf. *Bhutanthera albosanguinea*.
albosanguineum: white + see *sanguineus*: blood-red. cf. *Dendrobium albosanguineum*.
albostriata: white + see *stria*: stripe + suffix: having. Ref. the leaves having a central white stripe. cf. *Vrydagzenia albostriata*.
albovaginata: white + sheathed. cf. *Schiedeella albovaginata*.

albovaginatum: white + sheathed. cf. *Stenorrhynchos albovaginatum*. syn. *Schiedeella albovaginata*.

alboviolacea: white + see *violaceus*: violet colour. cf. *Diuris punctata* var. *alboviolacea*. syn. *Diuris fragrantissima*. Noted as endemic to Vic., Aust.

alboviolaceum: as *alboviolacea*. cf. *Oncidium alboviolaceum*. syn. *O. incurvum*.

albovirens: white + greening. cf. *Catasetum albovirens*.

albovirescens: white + tending to, or becoming green. cf. *Microsaccus albovirescens*.

alboviride: white + green. cf. *Dendrobium alboviride*.

alboviridis: white + green. cf. *Pleurothallis cuneifolia* var. *alboviridis*. syn. *P. cuneifolia*.

alboxanthina: white + see *xanth-*: brownish yellow + *-ina*: for the colour, or like. cf. *Encyclia alboxanthina*. syn. *Encyclia pachyantha*.

albuciflorum: see *albus* + flower. cf. *Cymbidium albuciflorum*. syn. *C. madidum*.

albuferensis: from Albufera. Listed as ex the Balearic Isls. (*Islas Balearras*), off eastn. central Spain. My only ref. is to La Albufera: a large freshwater lake of central east coast, Spain (?). cf. *Anacamptis* x *albuferensis* R.M. Bateman 2004.

album: lit., a white pad; tablet; slab and/or see *albus*. cf. *Taeniophyllum album*.

albuquerquei: ref. place name: Albuquerque, largest city of New Mexico, yet the plant is noted to be from Maranhão, Brazil. Perhaps it was first flowered in Albuquerque (?). But, it is more likely to be for phytologist, Wlandemir de Albuquerque Cavalcanti (info., see *cavalcantei*). cf. *Catasetum albuquerquei* M.F.F. Silva & A.T. Oliveira 1999.

albus: a colour term, mostly for a matt (dull) white + for many variations of “white”.

albus: see *albus*. cf. *Otochilus albus*.

alcantarae: for place name (of Alcântara?), only listed as ex Peru. cf. *Dichaea alcantara* D.E. Benn. & Christenson 1998.

alcicorne: ref. *alces*: elk + horn. Ref. the column stelidia. cf. *Bulbophyllum alcicorne*.

alcicornis: elk + horn. Alluding to the labellum. cf. *Phalaenopsis alcicornis*. syn. *P. sanderiana* Rchb.f. 1882.

alcifolium: elk + leaf. cf. *Epidendrum alcifolium*.

alcides: noted the author and this prompted me to check mythology. Alcides is another name for Hercules (see *hercules*). Perhaps it's big, strong and handsome (?). cf. *Cypripedium* x *alcides* Rolfe. On the syn. list, as a *Paphiopedilum* hybrid.

aldersoniae: listed for orig. coll., Ms. G.W. Alderson. cf. *Dendrobium kingianum* var. *aldersoniae* F.M. Bailey 1905. syn. *D. kingianum*. Noted as endemic to eastn. Aust.

alderwereltianum: listed for botanist and author, Cornelis Rogier Willem Karel van Alderwerelt van Rosenburgh. Descs. accr. to him are abbr. to: Alderw. ex Sulawesi, (Celebes) Indon., cf. *Dendrobium alderwereltianum* J.J. Sm. 1917.

-ale, *-alis*: used in combwds.: of, like; relative to; the state, or condition of, etc. eg. *digitale*: of, or to do with a digit; finger.

alegriae: of Alegría. For place name, listed as ex Madre de Dios Department, Peru. cf. *Telipogon alegriae* D.E. Benn. & Christenson.

alexandrae: ex New Guinea, cf. *Dendrobium alexandrae* Schltr. 1912. Noted he named it for his wife, Alexandra (née Sobennikoff). + See next entry.

alexandrae: for place name (+ of), only listed as ex sthn. Brazil. There are quite a few places of this name (in one form, or another) and one that fits the location is Alexandra, a town of eastn. Paraná state (?). cf. *Cyclopogon alexandrae* (Kraenzl.) Schltr.1920.

alexandri: of Alexandra city of Gauteng Prov., South Africa. cf. *Eulophia alexandri* (Rchb.f.) Butzin 1975. syn. *E. horsfallii*.

alexisense: for place name: from **Alexishafen**, a coastal town (-hafen: port; harbour) north of Madang, PNG. cf. *Dendrobium alexisense* J.J.Sm.1912. syn. *Cadetia angustifolia*.

alfaroi: listed for L.Alfaro (orig.coll.?). ex Costa Rica, cf. *Neowilliamsia alfaroi*. (Ames & C.Schweinf.) Dressler 1981.

alfredi-fuchsii: for phytologist, Alfred Fuchs (+ see *fuchsii*). Obviously, the author wanted to ensure which Fuchs this was named for. cf. *Orchis* x *alfredi-fuchsii* Soó.

alfredii: listed for Dr.C.A.(Alfred) Cogniaux, more info. see *cogniauxiana*. ex Brazil, cf. *Oncidium alfredii* Kraenzl.1922. syn. *O. cogniauxianum* Schltr.1921.

alga (sing.), algae (pl.): the words are noted as orig. taken from *alga*: seaweed. In keeping with cross-referencing, put in an entry as I've had to ref. to them a few times. On our coasts, I have seen massive red algae blooms, locally called "the red tide", going a fair way out to sea and extending for miles along the shores (and you can forget about going fishing, the fish move out when the algae arrives). Noted another seaweed (a red algae), yields agar, used in flasking (see agar, flasking). Many seaweeds frequent shallower inshore waters and some larger species, known as kelp, can have many uses, eg. as a major source of iodine, an ingredient in ice-cream, cosmetics, fertilizers, etc. In perfect conditions, esp. with lakes and sluggish streams, algae can cause an environmental disaster with their very rapid multiplication, appearing as if there is a green blanket completely across the surface. It kills off all of the underwater flora and fauna by depriving the water of oxygen and light. All algae are aquatic to some degree and many are classified as plants, reproducing with spores (see "S"). Then there are those that are included with bacteria, known as protists, being neither animal, or vegetable. Had to generalise with this entry, as it's a very confusing and complicated subject, and I'm very much out of my depth here, so let's talk about orchids....

algarvensis: from Algarve, a province of sthn. Portugal. cf. *Ophrys algarvensis* D.Tyteca, Benito & M.Walravens 2003.

algerica: for place name: belonging to Algeria. cf. *Orchis incarnata* var.*algerica* Desf.1799. syn. *Dactylorhiza elata*.

algeriensis: from Algeria, nthn. Africa. cf. *Platanthera algeriensis* Battand.& Trabut c1892.

algidum: ref. *algidus*: cold. Maybe for its montane habitat. cf. *Bulbophyllum algidum*. Noted as endemic to Papua, Indon.

algidus: as *algidum*. cf. *Hapalochilus algidus*. syn. *Bulbophyllum algidum*.

alibertiana: for phytologists C.& A.Alibertis (+ belonging to). ex Crete island, Greece, cf. *Ophrys* x *alibertiana* C.& A.Alibertis 1989.

alibertis: as *alibertiana*. cf. *Orchis papilionacea* ssp. *alibertis* G. & H. Kretzschmar 2001. syn. *Anacamptis papilionacea* var. *papilionacea*.

aliceae: commemorated to Alice. Refs. to the town* (proclaimed 1852) of Eastern Cape Prov., Sth. Africa. *Noted as orig. named for Princess Alice, second daughter of Queen Victoria, of England. cf. *Mystacidium alicae* Bolus 1911.

aliciae: of Alice. Listed for the given name of Mrs. Alice Day. ex the Philipp., cf. *Cymbidium aliciae* Quisumb. 1940.

aliformis: as next entry. cf. *Peristylus aliformis*.

aliformis: descwd., wing + shape; wing shaped. Having the shape, or form of a wing.

aliifolium: wing + of + leaf. cf. *Bulbophyllum aliifolium*.

aligera: wing + bearing. cf. *Pleurothallis aligera*.

alinae: for a person's name (Alin, Alina? + of, or belonging to). cf. *Habenaria alinae* Szlach. 1998. Listed as ex **Cameroon**, west Africa, searched all of my refs. to no avail. Also noted another with the same epithet (by the same author). Listed as ex **Mexico**, cf. *Schiedeella llaveana* var. *alinae* Szlach. 1991. So, this person must have been in Mexico and then went to Africa (?). + See next entry.

Alinorchis: Szlach. 2001. Because this is a synonym, there wasn't any info., see *alinae* + orchid. syn. *Habenaria* Willd.

alipetala: wing + petals, or see -petalo-: wide, etc. cf. *Oberonia alipetala*. syn. *O. linearis*.

Alipsa: Hoffmanns. 1842. One major ref. says it's an anagram of *Liparis* (but, it's not quite). Maybe it's ref. *al(i)*: wing + *ipse*: self; itself (?). syn. *Liparis* Rich.

Alisma: did this to aid the next entries and save repetition. *Alisma* is a genus of swamp-dwelling plants (not orchids, family: *Alismaceae*), which inc. the waterweed, water-plantain, etc.

alismatophylla: see *Alisma* + like + leaf. cf. *Oeceoclades alismatophylla*.

alismifolia (+ have noted it as *alismaefolia*): see *Alisma* + leaf. cf. *Calanthe alismifolia*.

Alismorchis: Thouars 1822. See *Alisma* + orchid. syn. *Calanthe* R.Br.

Alismorkis: Thouars 1809. See *Alisma* + orchid. syn. *Calanthe* R.Br.

aliwalensis: for place name: from Aliwal North, a town near the Lesotho border, Sth. Africa. cf. *Eulophia aliwalensis* Rolfe 1910. syn. *E. clavicornis* var. *inaequalis*.

alkaia: ref. *alkaios*: strong. cf. *Lepanthes alkaia*.

alkmaarens: from Alkmaar.* Listed as the name for a camp-site, on the Mamberambo River, near Mt. Wilhelmina, Papua, Indon. cf. *Bulbophyllum alkmaarens* J.J.Sm. 1911. *Trivium: The Dutch scientists on the expedition, gave it the name and Alkmaar is actually a town of Noord-Holland Prov., westn. Netherlands.

alkmaarensis: as *alkmaarens*. cf. *Hapalochilus alkmaarensis* (J.J.Sm.) Garay & W. Kittr. 1986. syn. *Bulbophyllum alkmaarens*.

allagnata: changed (ref. *allage*: change). cf. *Cymbidium allagnata*. syn. *Vanda tessellata*.

allanii: listed for botanist and author, Harry Howard Barton Allan (1882-1957). ex China to SE. Asia, cf. *Malaxis allanii* S.Y. Hu & Barretto 1976. syn. *M. acuminata*.

allantoidea: see *allantoideus*. An allusion to the labellum. cf. *Pterostylis allantoidea*. Noted as endemic to West. Aust.

allantoideus: descwd., ref. *allantos*: sausage + suffix: sausage-like (shape).

allector: possibly means: one who goes to (or, has gone to) bed; a sleeper. Ref. *al*-(*ad*:- to) + *lecto*-(ex *lectus*, *lektos*) couch; bed + suffix. Could ref. to the small raceme nestled on the large leaf (?). cf. *Lepanthes allector*.

alleizettei: listed for Ch.d'Alleizette (+ of), a civil servant who was a talented amateur botanist and authoritative collector of Madagascan flora. cf. *Bulbophyllum alleizettei* Schltr.1922.

alleniana: belonging to Allen. For botanist and author, James Allen (c1830-1906). ex Brazil, cf. *Zygostates alleniana* Kraenzl.1898.

allenii: of Paul Hamilton Allen (1911-1963). Author, botanist and authority, esp. on orchids of the trop. Americas. ex Panama, cf. *Maxillaria allenii* L.O.Williams 1940.

allenkerrii: of Allen D.Kerr. Author, collector, phytologist and authority on orchids of SE.Asia. ex Laos, cf. *Bulbophyllum allenkerrii* Seidenf.1979.

alligatorifera: alligator + see -*fer*: bearing. From the discussion, it's listed as an allusion to a flower, likened to the jaws of an alligator. But, have since learned *alligator*, *alligatoris*: a binder, or one who binds; ties. So, the specep. must be English and Latin. cf. *Pleurothallis alligatorifera*.

alliifolium: *alli*-, a contraction of *alloios*, see *allo*:- different, etc.+ of + leaf. cf. *Bulbophyllum alliifolium*.

allioides: ref. *alloios* + suffix: like another. cf. *Dendrobium allioides*. syn. *D. violaceum*.

allo:- used in compwds., ref. *allos*: other; different; another.

Allochilus: Gagnep.1932: see *allo*:- different + lip. Noted as "different", compared to *Haemaria*. syn. *Goodyera* R.Br.

allochronum: different + (of) time. Could be for a different flowering time to others. Or, ref. *allo*+- *chronios*: another + lasting. Implying that this is another species, where the flowers are long-lasting (?). cf. *Epidendrum allochronum*.

allopatric: Eng. adaption, lit.:of different clans. Seen in discussions of distribution: not of the same geographical area as a related plant.

almaracensis: from Al Marak (: Al Urmak, islands), off n.west coast, Republic of Yemen. cf. *Ophrys apifera* var.*almaracensis* Pérez-Chisc., Durán Oliva & Gil Llano 1991. syn. *O. apifera*.

almolongae: for place name: of Almolonga. Listed as ex Mexico to Guatemala and have noted a few villages and towns of this name. cf. *Lepanthes almolongae* Luer & Béhar 1991.

almum: ref. *almus*: kindly; nourishing; bounteous, etc. cf. *Cypripedium* x *almum* Rchb.f. On the syn. list as a *Paphiopedilum* hybrid, without further info.

alobula: without + lobules (see lobule). cf. *Pterostylis alobula*. Noted as endemic to NZ.

aloefolia: as *aloefolium*. cf. *Callista aloefolia*. syn. *Dendrobium aloefolium*.

aloefolium: aloe + leaf. The leaves are likened to those of an aloe plant (family: *Liliaceae*). One well known sp. is *Aloe vera*: originally ref. *aloe*: a Gk. word for this kind of plant and ref. *verus*: true. cf. *Dendrobium aloefolium*.

aloidea: as *aloides*. cf. *Ophrys aloidea*. syn. *Oncidium guianense* (Aubl.) Garay 1973.

aloides: aloe + resembling (+ see *aloefolium*). cf. *Epidendrum aloides*. syn. *Cymbidium aloifolium*.

aloideum: aloe-like + of, or resembling. cf. *Dendrobium aloideum*.
aloifolia: as *aloefolium*. ex Angola, Africa, cf. *Eulophia aloifolia*.
aloifolium: see *aloefolium*. cf. *Cymbidium aloifolium*.
aloisii: simplified, Lat. spelling: of **Aloysius** Luis Sodiro, see *Sodiroella*. ex Ecuador, cf. *Stelis aloisii* (Schltr.) Pridgeon & M.W.Chase.
alopecuros: see *alopecurus*. cf. *Epidendrum alopecuros*. syn. *Amblostoma armeniaca*.
alopecurum: see *alopecurus*. cf. *Epidendrum alopecurum*.
alopecurus: ref. *alopex*: a fox + see -ura: tail. cf. *Oberonia alopecurus*. I was initially side-tracked by the English word, Alopecia: a disease causing baldness and loss of hair, plus this is noted as being ex Gk., *alopekia*: fox-mange. So I had it as: a mangy fox with a bald tail! Then I woke up, the raceme was likened to a fox's tail.
alopex: a fox. cf. *Lepanthes alopex*.
alpestre: see *alpestris*. cf. *Dendrobium alpestre*. syn. *D. monticola*.
alpestris: ref. *alp-*, *alpinus*: alpine + suffix: place of growth; habitat. cf. *Spiranthes alpestris*. syn. *Cyclopogon congestus*.
alpestroides: see *alpestris* + resembling. Was probably compared to some other sp. with the spec. of *alpestre*, or *alpestris* (?). cf. *Dactylorchis majalis* forma *alpestroides*. syn. *Dactylorhiza majalis*.
alphabetica: alphabet + belonging to. Refs. to the odd marking, spots and blotches likened to letters of an alphabet. cf. *Graphorkis concolor* var. *alphabetica*.
alpicola: alpine + dweller. ex Taiwan, cf. *Cephalanthera alpicola*.
alpicoloscandens: *alpi-* + *colo-* + *scandens*: alpine + ref. *kolonos*: hill + climbing (?). ex Ecuador, cf. *Epidendrum alpicoloscandens* Hágsater & Dodson.
alpicolum: alpine + dweller. ex Venezuela, cf. *Epidendrum alpicolum*.
alpina: alpine. cf. *Pterostylis alpina*. Noted as endemic to Vic. and Tas., Aust.
alpinipaludosa: alpine + of a swampy habitat. cf. *Platanthera alpinipaludosa*. Noted as endemic to Papua, Indon.
alpinum: alpine. cf. *Prasophyllum alpinum*. Noted as endemic to eastn. Aust.
alpinus: alpine. cf. *Peristylus alpinus*. syn. *Bhutanthera alpina*. Trivium: *Bhutanthera*: Bhutan* + flower(s). *Bhutan: a country of the eastn. Himalaya Mtns.(certainly, alpine).
alsinaceous: the word was in a discussion. Of, or like *Alsine*: listed as a genus of the pink family: *Caryophyllaceae* (not orchids, some are commonly called, chickweed).
alsinefolia: see *alsinaceous* + leaf. cf. *Ramphidia alsinefolia*. syn. *Myrmechis gracilis*.
alsinifolia: as *alsinefolia*. cf. *Neottia alsinifolia*. syn. *Myrmechis gracilis*.
alsiosum: ref. *alsius*: cold; chilly + see -osa: an abundance, etc. Perhaps implying a montane habitat (?). ex the Philipp., cf. *Bulbophyllum alsiosum*.
alstroemeroides: refs. to a genus of low, lily-like plants (not orchids). Orig. ex the Andes, Peru, Chile, etc. Ref. *Alstroemeria* (family, *Alstroemeriaceae* and/or *Liliaceae*?) + resembling. cf. *Sobralia alstroemeroides* Schltr. 1921. syn. *S. scopulorum*.
alsum: ref. *alsus*: cold; chilly. cf. *Epidendrum alsum*. syn. *E. dendrobioides*.
alta: ref. *altus*: high; tall, etc. cf. *Hetaeria alta*.

altaica: could be for a specific place name, but may also be simply for a high altitude habitat, or it's "tall". Ref. *altus*: high + *-ica*: for the action, or belonging to. cf. *Orchis altaica* (Rchb.f.) Soó. syn. *Dactylorhiza incarnata*.

altarica: for place name (+ belonging to), listed as ex Ecuador. From the given location, ref. **Altar** Urco (village), Cañar Prov. cf. *Platystele altarica* Luer 1980.

Altensteinia: Kunth 1816. Listed for Baron Karl von Stein zum Altenstein (1770-1840). ex Peru, eg. *Altensteinia longispicata*.

alternans: alternating, see alternate. cf. *Epidendrum alternans*. syn. *E. fimbriatum*.

alternate: in succession, from side to side, but not opposite. eg. Leaves alternate to the stem.

alternifolia: ref. *alternus*, see alternate + leaves. cf. *Listera alternifolia*.

alternifolium: as *alternifolia*. cf. *Cypripedium alternifolium*. syn. *C. calceolus*.

alternus: a word seen in descriptions. See alternate.

alterosula ref. *alter*, see *alterum* + *rosula*: rose + dimin. cf. *Habenaria alterosula*.

alterum: ref. *alter*: the other, *alterius*: the next; the other (of two); different, etc. cf. *Dendrobium alterum*.

althoferi: listed for George William Althofer (+ of), nurseryman and specialist of native flora. The orig.colls. are listed as G.W.& P.Althofer of Dripstone, NSW. cf. *Diuris althoferi* Rupp 1948. syn. *D. abbreviata*. Noted as endemic to Aust.

alti-, alto-: used in combwds., ref. *altus*: high; tall; lofty; elevated; on high, etc.

alticaule: high; tall, etc. + stem; stalk. cf. *Bulbophyllum alticaule*.

alticola: high + resident; dweller. First found on Mt.Wilhelm, highest mtn. in PNG. cf. *Ceratostylis alticola*. Noted as endemic to PNG.

alticolum: high + dweller. cf. *Genoplesium alticolum*. Noted as endemic to Qld., Aust.

altigena: high + ref. *genos*: born; kind, etc. Listed as "tall", compared to others, but may be for its high altitude habitat (?). cf. *Glossorhyncha altigena*. Noted as endemic to PNG.

altigenum: as *altigena*. cf. *Mediocalcar altigenum*.

altilamellata: see *alti-* + lamellate. cf. *Bletia altilamellata*. syn. *B. campanulata*.

altimonile: high + necklace (or, collar). cf. *Pleurothallis altimonile*.

altior: higher; taller; one from a high place, or one who stands tall (?). cf. *Habenaria altior*.

Altisceptrum: tall + ref. *sceptrum*: shaft; staff. Could ref. to the very strong petiole of the massive leaf, or the long, hard peduncle.= *Bulbophyllum* section.

altispex: tall; high + ref. *specere*: to look (at, or out). Or, ref. *specula*: a lookout; watchtower, for its high montane habitat (?), ex Mt.Kinabalu, Borneo. cf. *Bulbophyllum altispex*. syn. *B. mutabile*.

altissima: high + suffix, an emphasis: very, etc. + could be ref. *altissimus*: highest (?). Noted, the ref. is to its climbing ability. cf. *Galeola altissima*. syn. *Pseudovanilla foliata*.

altissimum: very high, or highest. cf. *Oncidium altissimum*.

altius: a word seen in descriptions: more loftily (higher).

altocarinata: see *alti-*: high, etc. + see carinate: keeled. Ref. the labellum. cf. *Malleola altocarinata*. syn. *M. macranthera*.

altomontanum: see *alti*:- high, etc. + mountain + suffix, see *-ana*: of, or belonging to a high mountain. cf. *Dendrobium altomontanum*. syn. *D. calyculimentum*.

altoserrana: could simply be: high + mountain range + belonging to. Listed as ex São Paulo state, Brazil, it may also ref. to the town of **Alto da Serra** (: Paranapiacaba). cf. *Pleurothallis altoserrana* Hoehne 1929.

altum: lit., a height (?). Probably ref. *altus*: high, etc., with the “s” changed to suit the genus. cf. *Bulbophyllum altum*.

altus: high, etc. cf. *Platypus altus*. syn. *Eulophia alta*.

alutacea: see *alutaceus*, for the colour of the tepals. cf. *Cattleya alutacea*. syn. *C. velutina*.

alutaceus: an obscure colour term: buff; tan; leather colour.

alvaroi: may be for a person’s name (+ of). Listed as ex Guanajuato state, Mexico, also ref. **Alvaro** Obregon (: San José Iturbide), a minor city (?). cf. *Malaxis alvaroi* Garcia-Cruz, R.Jiménez & L.Sánchez 1998.

alveata: ref. *alveus*: a hollow vessel; trough + suffix: like; having. + Can be: hollowed out. cf. *Pterostylis alveata*. Noted as endemic to Vic., Aust.

alveatum: as *alveata*. Ref. the lip.+ See alveolate. cf. *Bulbophyllum alveatum*.

alveolata: see alveolate. ex the eastn. Himalayas, cf. *Goodyera alveolata*.

alveolate: ref. *alveolus*: a small cavity (+ can be a small vessel; trough; basin) + suffix: like; having. + Noted it can also be for a surface condition: having small depressions, vaguely resembling the pattern of honey-comb.

alveolatus: see alveolate. cf. *Goodyera alveolatus*. Took this from a book, but it has to be an error, as it’s not officially listed. See *alveolata*.

Alvisia: Lindley 1859: of Alwis. Listed as Lat’d. spelling for Hermanis de **Alwis** Seneviratna, a fine bot. artist of the Ceylon Bot. Garden (c mid-1800s). syn. *Eria* Lindl.

Alwisia: Thwaites ex Lindley 1858, see *Alvisia*. syn. *Taeniophyllum* Blume.

alwisii: see *Alvisia*. ex sthn. India, cf. *Taeniophyllum alwisii* Lindley 1858.

amabile: lovely, etc. cf *Paphiopedilum amabile*.

amabilis: lovable; pleasing, etc. cf. *Phalaenopsis amabilis*. + See sketch and notes at “P”.

amagiensis: for place name (+ from), listed as ex Japan. One that fits the given locations: ref. Amagi-san (volcano), Shizuoka-ken (Prefecture), eastn. Honshu Island, Japan. cf. *Yoania amagiensis* Nakai & F.Maek.1931.

amajubae: for place name (+ of), only listed as ex Transvaal Prov., Sth. Africa. cf. *Eulophia amajubae* Schltr.1924. syn. *E. clavicornis* var.*nutans*.

amalfitana: listed for place name: belonging to Amalfi, a town of Antioquia Department, Colombia. cf. *Habenaria amalfitana* F.Lehm.& Kraenzl.1893.

Amalia: Rchb.1841. Listed to honour H.R.H. Martha Friedricke Augusta Amalia, Princess of Saxony (Germany). syn. *Laelia* Lindl.

amaliae: may be for a lady’s given name (+ of), and/or for a place name. Only listed as ex Colombia to Ecuador, noted quite a few villages called Amalia (in some form, or another). cf. *Pleurothallis amaliae* Luer & R.Escobar 1981. + See next entry.

amaliae: another entry as this is listed to be only ex westn. Colombia. Noted two villages: ref. Campo **Amalia** of Córdoba, and/or La **Amalia** of Caldas (Departments). cf. *Dracula amaliae* Luer & R.Escobar 1978.

Amalias: Hoffmans.1842: se *Amalia*. syn. *Laelia* Lindl.

amaluzae: listed for place name: Amaluza (village), Azuay Prov., Ecuador. cf. *Masdevallia amaluzae* Luer & Malo 1978.

amambaiensis: from Amambaí city, Mato Grosso do Sul state, Brazil, and/or ref. Amambay, see next entry. Took this from a book, but there isn't any official listing, with this spelling. cf. *Habenaria amambaiensis* Schltr. (: *H. amambayensis* ?).

amambayensis: from Amambay. This species is listed as ex Paraguay and most likely, refs. to the Sierra de Amambay (mtn. range, the bulk of which is in **Brazil**, see last entry), and/or of the Amambay Department, Paraguay. cf. *Habenaria amambayensis* Schltr.

amamiana: belonging to Amami-shoto archipelago (nthn. islands of the Nansei-shoto group), sth. of Japan. cf. *Platanthera amamiana* Ohwi. syn. *P. angustata*.

amanda: listed as lit., worthy to be loved. cf. *Masdevallia amanda*.

Amanda: see *amanda*. = *Masdevallia* subgenus.

Amandae: see *Amanda* (+ of). = *Masdevallia* section.

amandum: see *amanda*. cf. *Epidendrum amandum*. syn. *Encyclia chloroleuca*.

amanensis: for place name: from Mt.Amanus, Taurus Mtns., central sthn. Turkey. cf. *Ophrys amanensis* (E.Nelson ex Renz & Taubenheim) P.Delforge 1991. syn. *O. mammosa*.

amanica: listed for place name: belonging to Amani, in the sthn.Usambara Mtns., Tanzania, Africa. cf. *Bulbophyllum amanica* Kraenzl.1914. (syn. *B. josephi* ?)

amanicum: as *amanica*. cf. *Bulbophyllum amanicum* Kraenzl.1914. syn. *B. josephi*.

amaniense: from Amani, see *amanica*. cf. *Angraecum amaniense* Kraenzl.1914. syn. *Angraecopsis tenerrima*.

amaniensis: as *amaniense*. cf. *Angraecopsis amaniensis* Summerh.1945.

amapense: from Amapá state, n.east Brazil. cf. *Epidendrum amapense* Hágsater & L.Sánchez 1993.

amaralii: for place name: of Amaral Ferrador, a minor city of Rio Grande do Sul, s.east Brazil. cf. *Pleurothallis amaralii* Pabst 1976.

amaroensis: for place name (+ from), only listed as ex Peru. cf. *Maxillaria trigona* ssp. *amaroensis* D.E.Benn.& Christenson.

amauryae: listed as a phonetic attempt at spelling Amaruran (village), central Nigeria, westn. Africa. cf. *Bulbophyllum amauryae* Rendle 1913. syn. *B. intertextum*.

amayense: from Amaya, a coastal village of Córdoba Department, Colombia. cf. *Epidendrum amayense* Hágsater 1999.

amazonica: listed as: belonging to the Federal Territory of Amazonas, sthn. Venezuela*. cf. *Bletia amazonica* Poepp.& Endl.1838. *With some other speceps., can also mean: of, or belonging to the Amazon River

amazonicoriifolium: can only presume the "Amazon" part is an oblique ref. to: (being) hard; tough and strong* + leathery + leaf. *Alluding to the Amazons: ex

Gk.myth., a race of fearsome, female warriors. cf. *Epidendrum amazonicoriifolium* Hágsater 2001.

amazonicum: listed as ex the nth.westn. state of Amazonas, Brazil + suffix: belonging to. Could also be to do with the Amazon River, which runs through this state. cf. *Campylocentrum amazonicum* Cogn.1906.

amazonicus: as *amazonicum*. cf. *Lissochilus amazonicus* Barb.Rodr.1877. syn. *Eulophia alta*.

ambangense: from Ambang, a north. coast village, Sulawesi Utara, Sulawesi, Indon. cf. *Dendrochilum ambangense* H.A.Pedersen 1996.

ambasiensis: for place name: from Ambasi, listed as ex British New Guinea (now Papua, of PNG.). cf. *Eria ambasiensis* F.M.Bailey 1907. syn. *Eria kingii*.

ambatoavense: for place name (+ from), only listed as ex Madagascar, where there are many villages, named Ambatoavo. cf. *Angraecum ambatoavense*.

ambaxiana: for place name (+ belonging to), only listed as ex New Guinea, see *ambasiensis* (?). cf. *Eulophia ambaxiana* J.J.Sm.1909. syn. *E. pulchra*.

ambigua: ref. *ambiguus*: uncertain; doubtful, etc. cf. *Encyclia ambigua*.

ambiguum: as *ambigua*. cf. *Epidendrum ambiguum*. syn. *Encyclia ambigua*.

amblo-, *ambly-*: used in compwds., ref. *amblys*: blunt; dull; obtuse.

Amblostoma: Scheidw. 1838: blunt + *stoma*: mouth, etc. Ref. lip to column. ex Belize, etc. eg. *Amblostoma tridactylum*. syn. *Epidendrum tridactylum*.

amblostoma: as *Amblostoma*. cf. *Epidendrum amblostoma*. syn. *E. tridactylum*.

amblostomoides: see *Amblostoma* + resembling, or was likened to *Epidendrum amblostoma* (?), syn. *E. tridactylum*). cf. *Epidendrum amblostomoides*.

amblyacron: blunt + at the top. Ref. the labellum. cf. *Bulbophyllum amblyacron*.

amblyantha: blunt + flower. cf. *Maxillaria amblyantha*.

Amblyanthe: Rauschert 1983: blunt + flower. syn. *Dendrobium* Sw.

amblyanthum: blunt + flower. cf. *Bulbophyllum amblyanthum*.

Amblyanthus: (Schltr.) Brieger 1981: blunt + flower. syn. *Dendrobium* Sw.

Amblyanthus: blunt + flower.: *Dendrobium* section.

amblyglossum: blunt + tongue. cf. *Bulbophyllum amblyglossum*.

Amblyglottis: Blume 1825: blunt + see -glotta: tongue. eg. *Amblyglottis veratrifolia*. syn. *Calanthe triplicata*.

amblyoceras: blunt + horn. Ref. the short, "blunt" spur. cf. *Eurycentrum amblyoceras*.

amblyogenium: blunt + kind; sort. cf. *Dendrobium amblyogenium*. syn. *D. erosum*.

amblyoglossum: blunt + tongue. cf. *Bulbophyllum amblyoglossum*. syn. *B. ovalifolium*.

amblyoloba: blunt + lobe. cf. *Orchis amblyoloba*. syn. *Dactylorhiza urvilleana*.

amblyopetala: blunt + petal(s). cf. *Disa amblyopetala*. syn. *D. hircicornis*.

amblyophylla: blunt + leaf. cf. *Stelis amblyophylla*. syn. *S. tristyla*.

amblyornidis: blunt + ref. *ornis* + suffix: bird-like. Ref. the rostellum (?). cf. *Pseuderia amblyornidis*.

amblyosaccos: blunt + bag; pouch (+ see saccate). cf. *Satyrium amblyosaccos*.

amblyosepala: blunt + sepal. cf. *Eulophia amblyosepala*.

amblyosepalus: blunt + sepal. cf. *Lissochilus amblyosepalus*. syn. *Eulophia amblyosepala*.

amblysepala: blunt + sepal. cf. *Spiranthes amblysepala*. syn. *Cyclopogon apricus*.

ambo-, *-ambon*: sometimes used in combwds., ref. *ambon*: ridge; crest, etc. One major ref. interpreted it simply as “rising”, with no further explanation, this had me stumped for quite sometime.

ambohitrense: ref. the Ambohitra Mtns. (+ from), nthn. Madagascar. cf. *Bulbophyllum ambohitrense* H.Perrier 1937. syn. *B. nutans* var. *nutans*.

amboinense: from Ambon Island, Maluku, Indon. (my refs. say, *Amboin*, *Amboina* = Ambon). cf. *Dendrobium amboinense* Hook.f.1856.

Amboinenses: those from Ambon, see *amboinense*. = *Phalaenopsis* section.

amboinensis: as *amboinense*. cf. *Phaius amboinensis* (Zipp.) Blume 1856.

amboinica: see *amboinense*, with different suffix: belonging to. cf. *Orchis amboinica*. syn. *Habenaria rumphii*.

ambondrombensis: listed for place name: from Ambondrombe (village), s.east Madagascar. cf. *Cynorkis ambondrombensis* Boiteau 1942.

ambongense: as *ambongensis*. cf. *Bulbophyllum ambongense* Schltr.1924. syn. *B. rubrum*.

ambongensis: listed for place name (+ from) ex Madagascar. Noted quite a few places (villages), called Ambonga, Ambongo, Ambongabe. cf. *Jumellea ambongensis* Schltr.1925. syn. *J. gracilipes*.

amboroensis: from Amboró. Listed as ex Bolivia, noted three villages and the Amboro N.Park, all of Santa Cruz Department. cf. *Neokoehleria amboroensis* (R.Vásquez & Dodson) Senghas 2001.

ambositrana: belonging to Ambositra, a town of eastn. central Madagascar. cf. *Eulophia ambositrana* Schltr.1916. syn. *Eulophia macra*.

ambotiense: listed for place name (+ from) at Palau Buru, Maluku (island group), Indon. cf. *Dendrobium ambotiense* J.J.Sm.1928.

ambreae: of Ambre, see *ambrense*. cf. *Bulbophyllum ambreae* H.Perrier. syn. *B. septatum*.

Ambrella: H.Perrier 1934. Listed to be from Camp d’Ambre, near Diego-Suarez, Madagascar + ref. *-ella*: respectful suffix (+ see *ambrense*). eg. *Ambrella longituba*. Noted as monotypic and endemic to Madagascar.

ambrense: for place name, listed as: from Montagne d’Ambre, of Ambohitra N.Park, nthn. Madagascar. + See *Ambrella* (?). cf. *Angraecum ambrense* H.Perrier 1938.

ambrensis: see *ambrense* (listed as ex nthn. Madagascar). cf. *Aeranthus ambrensis* Toill.-Gen., Ursch & Bosser 1960. + See next entry.

ambrensis: another entry as this species is listed as ex **s.east** Madagascar (+ see *ambrense*). cf. *Oeceoclades ambrensis* (H.Perrier) Bosser & Morat 2001.

ambricaulis: ref. *ambire*: to go round; encircle + *caulis*: stem; stalk. Probably ref. the inner floral bract. cf. *Glossorhyncha ambricaulis* (syn.). ex New Guinea and noted as possibly a *Glomera* species.

ambrosia: ref. myth.: food of the gods + gave immortality. Or, fig.: something that tastes or smells delicious. Also is listed as a genus of weeds of the family: *Asteraceae*. cf. *Bulbophyllum ambrosia*.

ambuensis: listed for place name: from Mt.Ambua, centrally sth. of Wewak., PNG. cf. *Glossorhynchaambuensis* P.Royen 1979 (syn.).

ambusta: ref. *ambustus*, listed as ex *amburo*: frostbitten; to burn up; to ruin. cf. *Ophrys ambusta*. syn. *O. insectifera*.

ambyx: a cup, or beaker-like drinking vessel. cf. *Pleurothallis ambyx*.

amena: cf. *Psychilis amena* Raf.1838 (another one he abbreviates). Ref. *amenenos*: weak; poor; feeble. syn. *Psychilis bifida*.

americana: belonging to America. It's noted that orig. this species. was only noted as: "from America". cf. *Epipactis americana* Lindley. syn. *E. gigantea*.

americanum: as *americana*. Listed as ex nthn. USA., cf. *Arietinum americanum* L.C.Beck 1833. syn. *Cypripedium arietinum*.

americanus: as *americana*. cf. *Cyclopogon americanus* (Schweinf.& Garay) Burns-Bal.1982. syn. *Helonomia americana* (C.Schweinf.& Garay) Garay 1982.

Amerorchis: Hultén 1968. Listed as coined from America(n) + orchid. ex nthn. USA. to the subarctic, eg. *Amerorchis rotundifolia*. syn. *Platanthera rotundifolia*.

x *Amesangis*: Garay & H.R.Sweet. On the syn. list, cf. *Aerangis* x *Amesiella*.

x *Amesara*: Garay & H.R.Sweet: of, or belonging to Ames (see *Amesiella*). Same as, x *Amesangis*, cf. *Euanthe* x *Renanthera* x *Vanda*.

Amesia: A.Nelson & J.F.Macbr.1913: for Prof.Oakes Ames (+ of), info. see *Amesiella*. ex Canada to Mexico, eg. *Amesia gigantea*. syn. *Epipactis gigantea*.

amesiana: for Prof. Ames (+ belonging to), see *Amesiella*. ex the Philipp., cf. *Oberonia amesiana* Schltr.1911. + See next entry.

amesiana: belonging to Ames. Listed for noted grower, the Hon.F.L.Ames of Boston, Massachusetts, USA. ex China to Indo-China, cf. *Vanda amesiana* Rchb.f.1887. syn. *Holcoglossum amesianum* (Rchb.f.) Christenson 1987.

amesianum: for Prof. Ames + belonging to. Info., see *Amesiella*. ex the Philipp., cf. *Bulbophyllum amesianum* (Rolfe) J.J.Sm.1912. syn. *B. cumingii*.

Amesiella: Schltr.ex Garay 1972: for Prof.Oakes Ames (+-ella: respectful suffix), AM., FLS.(1874-1950). An eminent phytologist, author, collector and authority on orchids of the Americas and the SE.Asia region. Founder of the famous herbarium at Harvard Univ., USA. eg. *Amesiella philippinensis*.

amesii: for Prof.Oakes Ames, see *Amesiella*. ex the Philipp. and Borneo, cf. *Phreatia amesii* Kraenzl.1911.

amethysteus: a vague colour term, ref. amethyst: the gem stone. Usage is not specific, can vary through to a deep violet.

amethystina: see *amethysteus* + suffix. see -ina: like, or for the colour. cf. *Phalaenopsis amethystina* Rchb.f.1865. syn. *P. deliciosa*.

amethystinoides: amethyst + like + resembling. Or, may have been likened to *Elleanthus amethystinus* (+-oides?). cf. *Elleanthus amethystinoides*.

amethystinum: as *amethystina*. cf. *Porroglossum amethystinum*.

amethystinus: as *amethystina*. cf. *Elleanthus amethystinus*.

amethystoglossa: amethyst + tongue. cf. *Cattleya amethystoglossa*.

amethystoglossum: see *amethysteus* + tongue. cf. *Dendrobium amethystoglossum*.

ametroglossa: ref. *ametros*: (fig.) immeasurable; immense + tongue. cf. *Masdevallia ametroglossa* Luer & Hirtz 2003.

amherstiae: listed for Countess Amherst (+ of), first to flower it. ex Brazil, cf. *Grobya amherstiae* Lindley 1855.

amica: lit., prostitute. But, maybe ref. *amicus*: friend; friendly, as it's listed as often found growing with other (orchid) species. ref. *Eria amica*.

amicta: ref. *amictus*: dress; robe; garment. Or, ref. *amiktos*: unmixed; pure (?), as the flower is predominantly a yellow colour. cf. *Encyclia amicta*. syn. *E. flava* (see *flavus*).

amictum: see *amicta*, as a garment, or unmixed; pure, for the lovely yellow colour (?). Either could apply. cf. *Oncidium amictum*.

amiensis: from Ami city, Ibaraki-ken (Prefecture), Japan. cf. *Vanda amiensis* Masam.& Segawa 1934. syn. *V. lamellata*.

Amitostigma: Schltr.1919: see *a-*: not (or, could be: without) + see *Mitostigma*. Maybe it doesn't have the threads at the stigma (?). Or, it's simply different, so it's not *Mitostigma*, but looks like it. ex China, eg. *Amitostigma basifoliatum*.

ammo-: used in compwds., ref. *ammos*: sand. eg. *ammophila*.

ammobius: descwd.: sand + see *-bium*: lives on, or in sandy regions.

ammobius: as last entry. cf. *Calochilus ammobius*. Noted as endemic to Qld., Aust.

ammophilum: *ammo-*: sand + see *-phila*: loves. cf. *Epidendrum ammophilum*.

amnicola: ref. *amnis*: a river; stream + resident; dweller. Prefers to live close by a stream. cf. *Caladenia amnicola*. Noted as endemic to NSW., Aust.

amoena: ref. *amoenus*: delightful; very pleasing, etc. cf. *Caladenia amoena*. Noted as endemic to Vic., Aust.

amoenum: as *amoenus*. Noted for the violet-like perfume. cf. *Lockhartia amoenum*.

amoenus: descwd.: delightful; pleasing; lovely, etc.

Amparoa: Schltr.1923. Listed for Doña Amparo Lopez Calleja V.de Zeledon of Costa Rica, who sent him many orchids for identification. eg. *Amparoa beloglossa*. Noted as monotypic.

amparoae: of Amparo, see *Amparoa*. ex Costa Rica, cf. *Sobralia amparoae* Schltr.1923.

amparoana: belonging to Amparo, see *Amparoa*. ex Costa Rica, cf. *Gongora amparoana* Schltr.1923.

amparoanum: as *amparoana*. ex Costa Rica, cf. *Cynoches amparoanum* Schltr.1923.

amparoanus: as *amparoana*. ex Costa Rica, etc., cf. *Isochilus amparoanus* Schltr.1923. syn. *I. chiriquensis* Schltr.

amphi-: used in compwds., ref. *amphi*: on both sides; around; double; of two; both.

amphibius: ref. *amphibios*: (of) a double life. + Ref. Eng., amphibious. Grows on (wet) land or in water; of a swampy habitat. cf. *Liparis amphibius*. syn. *L. bootanensis*.

Amphigena: Rolfe 1913: *amphi*-+*-gena*: born; kind; origin, etc. Listed as, orig. it was thought it may be a cross, ie. "of two" (kinds, see *amphi*-). syn. *Disa* P.J.Bergius.

Amphigena: as last entry.= *Disa* section.

amphigeneum: see *amphi*-+ born; kind; type + like, etc. cf. *Mediocalcar versteegii* ssp.*amphigeneum*.

amphigenya: as *amphygenyum*. cf. *Sayeria amphigenya*. syn. *Dendrobium amphigenyum*.

amphigenyum: see *amphi*-+ see *geny*-+ suffix: knee-like. cf. *Dendrobium amphigenyum*.

amphiglottii: see *amphi*-+ tongue (or, throat?) + of. cf. *Odontoglossum amphiglottii*. syn. *Cyrtochilum ramosissimum*.

Amphiglottis: Salisb.1812: see *amphi*-+ tongue. Ref. lip to column. ex Florida and the trop. Americas, eg. *Amphiglottis lurida*. syn. *Epidendrum anceps*.

amphigya: see *amphi*-+ ref. *gya*: the beam of a plough, or a tree branch (?). cf. *Pleurothallis amphigya*.

*amphiox*a: my only ref. is to *amphioxus*: an ancient fish-like animal, also likened to an eel (today: a lancelet). Possibly, refs. to an organ, part, or group likened to an eel (?). cf. *Lepanthes amphiox*a.

amphistomum: see *amphi*-+ *stoma*: mouth, etc. cf. *Epidendrum amphistomum*. syn. *E. anceps*.

amphitrita (+ have noted it listed as *amphitritae*): is simply to express "beauty". Ref. Gk.myth.: Amphitrite was the very beautiful wife of Poseidon, god of the sea. ex the Philipp., cf. *Phalaenopsis amphitrita* O'Brien 1892.

Amphorchis: Thouars 1822: see *amphi*-. of two, etc.+ ref. *orchis*: testes. Ref. the tuberoids. syn. *Cynorkis* Thouars.

amphorimorphum: ref. *amphora*: flask; flagon; jar, etc.+ shape; form. Probably ref. the pseudobulbs. cf. *Bulbophyllum amphorimorphum*.

ampla: see *amplus*: "large", etc. cf. *Callista ampla*. syn. *Epigeneium amplum*.

amplebracteatum: ref. *amplexus*: clasping; embracing, or see *amplus*: large, etc.(?) + bracted, see bracteate, bract. cf. *Bulbophyllum amplebracteatum*.

amplectens: gripping; clasping. cf. *Malaxis amplectens*.

amplexa: see *amplexus*. cf. *Masdevallia amplexa*.

amplexans: twining; embracing. Ref. the lateral lobes, of the lip, "embracing" the column. cf. *Cyanicula amplexans*. Noted as endemic to West.Aust.

amplexicaule: see *amplexicaulous*. Ref. the leaves, alluded as clasping the stem. cf. *Thrixspermum amplexicaule*.

amplexicaulis: see *amplexicaulous*. cf. *Acianthus amplexicaulis*.

amplexicaulous: stem-clasping. See *amplexus* + ref. *caulis*: stem; stalk. Gripping; clasping, a stem, or similar organ, or part. eg. "... bracts, strongly amplexicaulous to the peduncle".

amplexicolumna: see *amplexus* + pillar; column. cf. *Malaxis amplexicolumna*.

amplexifolium: see *amplexus* + leaf. cf. *Amitostigma amplexifolium*.

amplexigastrium: see *amplexus* + belly; stomach + of. cf. *Epidendrum amplexigastrium*.

amplexus: descwd.: grip; clasp; encircle; hug; twine; enfold; wind; embrace, etc. + See *amplexicaulous*.

ampli-.: used in combwds., ref. *ampliat*us: increased; enlarged; extended; widened. Can also ref. to *amplus* (see *amplus*).

ampliata: as *ampliatum*. cf. *Chelyorchis ampliata*.

ampliatum: see *ampli*-+ suffix: like; having (being). Noted as refs. to the lip. cf. *Oncidium ampliatum*. syn. *Chelyorchis ampliata*.

ampliflora: see *ampli*-+ flower. cf. *Maxillaria ampliflora*.

ampliflorus: see *ampli*-+ flower. cf. *Telipogon ampliflorus*.

amplifolia: see *ampli*-+ leaf. cf. *Pseuderia smithiana* var. *amplifolia*. syn. *P. platyphylla*.

amplifolium: see *ampli*-+ leaf. cf. *Bulbophyllum amplifolium*.

amplior: see *ampli*-+ suffix: larger, or one who is large (?). cf. *Lepanthes amplior*.

amplipetala: see *ampli*-+ petals, or see *-petalo-*, which then makes the word: enlarged, etc.(?). cf. *Eulophia amplipetala*. syn. *E. parvilabris*.

ampliracemum: see *ampli*-+ see *racemi-*: clustered, bunched, or for a raceme. cf. *Epidendrum ampliracemum*.

amplisepala: see *ampli*-+ sepal. cf. *Lepanthes amplisepala*.

amplissima: see *ampli*-+ suffix: very. + Can mean: largest. cf. *Diuris amplissima*. Noted as endemic to West.Aust.

amplissimum: as *amplissima*. cf. *Odontoglossum amplissimum*.

amplistigmaticum: see *amplus* + see *stigma*, *stigate* + see *-ica*. Could be for a large stigma, or large blotch(es?). cf. *Bulbophyllum amplistigmaticum*.

amplum: see *amplus*, *ampli-*. cf. *Epigeneium amplum*.

amplus: descwd.. Has many connotations to “large”: great; splendid; eminent; ample; broad; wide; of stature; abundant; copious, etc.

ampullacea: ref. *ampulla*, lit.: a small flask (-shaped skin bag). + Ref. a hollow flask-like organ (in modern terms: likened to a bottle), + suffix, see *-acea*: like, etc. (+ see *utriculose*, which can be similar). cf. *Ceratostylis ampullacea*.

ampullaceum: as *ampullacea*. Ref. the labellum. cf. *Ascocentrum ampullaceum*.

ampullaceus: as *ampullacea*. cf. *Microsaccus ampullaceus*.

ampullifera: ref. *ampulla*: a flask, etc. (see *ampullacea*) + bearing. cf. *Cynorkis ampullifera*.

amungwiwensis: listed for place name: from Mt.Amungwiwa, centrally s.west of Lae, PNG. cf. *Corybas amungwiwensis* P.Royen 1979.

amygdalinum: as *amygdalinus*. cf. *Bulbophyllum amygdalinum*.

amygdalinus: descwd. Of, or like an almond; for something to do with almonds. Can be for the shape of a kernel, and/or often, refs. to the perfume.

amygdalodora: ref. *amygdale*: almond (+ ref. *amygdalinus*: of, or like almonds) + *-odora*: odour; scent: almond-scented. cf. *Trichosalpinx amygdalodora*.

an-: used in compwds., same as *a-*: a negative; without, etc.

ana-: used in compwds.: up; upwards; again; back. + See *ano-*.

-ana, *-anum*, *-anus*: shortened from *-iana*, etc., see later entry. Mostly, I say: of, or belonging to. eg. *montanum*: mountain + belonging to.

x *Anacamptiplatanthera*: P.Fourn.1927. Listed as a natcross of *Anacamptis* x *Platanthera*. See the separate entries. ex France, eg. x *Anacamptiplatanthera payoti* P.Fourn. Noted as monotypic.

Anacamptis: Rich.1817: ref. *anakamptein*: to bend back. Ref. the reflexed bracts. ex Europe and the Mediterranean region, eg. *Anacamptis pyramidalis*.

anacamptis: as *Anacamptis*. ex France, etc., cf. x *Gymnanacamptis anacamptis*.

anacamptoides: see *Anacamptis* + resembling. cf. *Cynorkis anacamptoides*.

x *Anacamptorchis*: E.G.Camus 1892. The name is listed as taken from the parents and is a cross of *Anacamptis* x *Orchis*. See the separate entries. Noted as monotypic in Switzerland and France, cf. x *Anacamptorchis weberi* M.Schulze 1907.

anachaeta: see *ana*-+ see *chaeta*: bristle, etc. cf. *Masdevallia anachaeta*.

Anacheilium: Hoffmanns.1842: see *ana*-+ lip + suffix: distinctive of. Has reverse flowers: the lip is "up and back". eg. *Anacheilium cochleatum*. syn. *Prosthechea cochleata*.

Note, *Anacheilium* is also listed as synonymous to *Epidendrum*.

Anacheilus: Hoffmanns. ex Schltr.: see *ana*-+ lip. syn. *Epidendrum* L.

anaclastum: ref. *anaklastos*: bent up and backwards. Ref. the labellum. cf. *Bulbophyllum anaclastum*.

Anaectochilus: Lindley 1840, see *Anoectochilus*. syn. *Anoectochilus*.

anafiensis: from Anáfi, a small island in the Aegean Sea, Greece. cf. *Ophrys ferrum-equinum* var. *anafiensis* Biel 2001.

analabeensis: from Analabe, Madagascar. Can't be certain of the location, as there are c26 listings for this place on the island (mostly, villages). cf. *Angraecum acutipetalum* var. *analabeensis* H.Perrier.

analamazoatrae: for place name: of Analamazaotra (village), eastn. central Madagascar. cf. *Bulbophyllum analamazoatrae* Schltr.1924.

analamerense: as *analamerensis*. cf. *Eulophidium analamerense* (H.Perrier) Summerh. 1957. syn. *Oeceoclades analamerensis*.

analamerensis: for place name (+ from), listed as ex nthn. Madagascar. Noted many places (villages) that sound like it. cf. *Oeceoclades analamerensis* (H.Perrier) Garay & P.Taylor 1976.

analavelensis : listed for place name (+ from), ex s.west Madagascar (ref. Analavelona, a mtn. peak ?). cf. *Oeceoclades analavelensis* (H.Perrier) Garay & P.Taylor 1976.

analogous: can be compared with, or likened to; corresponding in function, but not in structure and origin.

anamalayana: listed as ex the Anamalais Hills (+ belonging to), Tamil Nadu state, sthn. India. Have also noted two towns, in this state: Anamalais (aka., Anamalai), of the west and Annamalainagar (aka. Annamalai) of the east. cf. *Oberonia anamalayana* J.Joseph 1963.

anamalayanum: as *anamalayana*. cf. *Dendrobium anamalayanum* Chandrab., V.Chandras.& N.C.Nair 1981.

ananassocomus: ref. *Ananas comosus*, a species of pineapple. Is probably: pineapple + tuft(-ed), alluding to some superficial likeness. cf. *Eurystyles ananassocomus*.

anandae: from the listing, this is noted as ex India (Himalayas?) and may be for a place name. It's also possible it could honour Ananda (c5th century BC.), a revered disciple of Buddha. cf. *Corallorrhiza anandae* Malhotra & Balodi 1985. syn. *C. trifida*.

Anaphora: Gagnep.1932: see *ana*-+ *-phora*: bearing. Noted as refs. to where the lip joins the column. syn. *Malaxis* Sol.ex Sw.

anaphysema: see *ana*-+ ref. *physema*: bubble; bladder. cf. *Habenaria anaphysema*.

anaplectron: see *ana*-+ spur. cf. *Habenaria anaplectron*. syn. *H. cryptophila*.

anaristella: *an*-+ *arist*-+ *-ella*: without small awn(s). See *arista*, awn. cf. *Triaristellina anaristella*. syn. *Barbosella dolichorhiza*.

anaromatica: see *an*-+ ref. *aromatikos*: without + perfume. cf. *Vanilla anaromatica*. syn. *V. mexicana*.

anastomose: having, or like a network. + Ref. (bot.) anastomosis: formation of a network. Also, ref. *anastomoein*: to provide, or furnish with a mouth; (+ suffix): with many mouths. Mostly refs. to the cross connection of veins. appearing to be net-like.

Anathallis: Barb.Rodr.1877: see *ana*-+ ref. *thallos*: young shoot; sprout; branch. syn. *Pleurothallis* R.Br.

anaticeps: ref. *anatinus*: a duck (the bird) +*-ceps*: small head. cf. *Chiloglottis anaticeps*.

anatina: ref. *anatinus*: a duck. cf. *Lepanthes anatina*.

anatipedium: duck + foot + of, or dimin. cf. *Epidendrum anatipedium*.

anatolica: belonging to *Anatolia*, an ancient region of the Middle East, that is now mostly eastn. Turkey. cf. *Orchis anatolica* Boiss.1844.

anatomorum: ref. *anatomia*: anatomy (of dissection) + suffix: of; belonging to. cf. *Maxillaria anatomorum*. syn. *M. venusta*.

anboensis: from Anbo, a town of eastn. Yaku-shima (island), of the Nansei-shoto group, sth. of Japan. cf. *Platanthera anboensis* Masam 1965 (syn.).

anceps: two-edged; two-sided.+ Can also be: undecided; uncertain; double, + often likened to a sword. cf *Oberonia anceps*. Here, refs. to the leaves (sword-like). Pers.coll., common ex PM.PNG.

anchinocturnum: *anchi*-: close; near + of night. cf. *Epidendrum anchinocturnum*.

anchoraelabia: anchor + lip. cf. *Dienia anchoraelabia*.

anchorifera: anchor + see *-fer*: bearing. Refs. to some organ, or part(s) likened to an anchor (shape). cf. *Dichaea anchorifera*.

anchoriferum: as *anchorifera*. cf. *Scaphosepalum anchoriferum*.

anchoriferus: anchor + bearing. cf. *Physurus anchoriferus*. syn. *Erythroides anchorifera*.

ancipita: see *ancipital*. cf *Oberonia ancipita*. syn. *O. lycopodioides*.

ancipital, *ancipitous*: ref. *ancipitius*: having two sharp edges. In a description was ... “ancipitous stems” and one major ref. says it means: compressed. Other refs. say that *ancipitous*: *ancipital*. Perhaps both are right as an object could easily be compressed to the point where it would have “two sharp edges”.

Ancipitia: (Luer) Luer 2004: see *ancipital* + of. syn. *Pleurothallis* R.Br.

Ancipites: (those) with two sharp edges, see *ancipital*, refs. to the compressed pseudobulbs.= *Coelogyne* section.

ancistra: hook, see *ancistro*-. cf. *Pleurothallis ancistra*.

ancistro-. used in combwds., ref. *ankistron*, *ancistrus*: a hook. Infrs: hooked; barbed; barb, or hook-like. Often alluded to resemble a fish hook.

Ancistrochilus: Rolfe 1897: hook; barb + lip. Ref. labellum mid-lobe. ex west Africa, eg. *Ancistrochilus thomsonianus* (Rchb.f.) Rolfe.

Ancistrorhynchus: Finet 1907: hooked + beak. Ref. the rostellum. ex the Congo, Africa, eg. *Ancistrorhynchus brevifolius*.

ancora: anchor. cf. *Pleurothallis ancora*.

ancoraelabia: ref. *ancora*: anchor + lip. Alluding to the shape. cf. *Dichaea ancoraelabia*.

ancorarium: anchor + suffix: place (of). Has an anchor-shaped blotch on the column-foot. cf. *Dendrobium ancorarium*. syn. *D. adae*.

ancorifera: anchor + bearing. cf. *Eria ancorifera*.
ancoriferum: anchor + bearing. cf. *Thrixspermum ancoriferum*.
ancylopetala: see *ankylo-* + petals. cf. *Lepanthes ancylopetala*.
andamanensis: from Andaman. Ref. the Andaman & Nicobar Islands (Indian territory).
 cf. *Eulophia andamanensis* Rchb.f.1872.
andamanica: as *andamanensis* (with different suffix,; belonging to). cf. *Habenaria andamanica* Hook.f.1896.
andamanicum: as *andamanica*. cf. *Cleisostoma andamanicum* Hook.f.
andamanum: of Andaman (Islands). See *andamanensis*. cf. *Pomatocalpa andamanum* (Hook.f.) J.J.Sm.1912.
andasibeense: listed for place name (+ from). Possibly, refs. to the Andasibe Forest, Onive Basin, Madagascar, but also noted there are over thirty other places named Andasibe. cf. *Angraecum andasibeense* H.Perrier 1938. Of interest, see *onivensis*.
andasilbeensis: for place name (+ from), only listed as ex central Madagascar. Possibly is meant to be *andasibeensis*, but is listed with this spelling (see *andasibeense*). cf. *Cynorkis tenuicalcar* ssp. *andasilbeensis* (*andasibeensis*?) H.Perrier 1931.
andersonianum: listed for James Anderson (+ belonging to), valued employee of noted grower, James Dawson of Glasgow, Scotland, first to flower it. ex Colombia to Venezuela, cf. *Odontoglossum* x *andersonianum* Rchb.f.1868.
andersonii: of Anderson. For orig.coll. Alexander Anderson, ex St.Vincent, W.Indies. cf. *Cyrtopodium andersonii* (Lamb.ex Andrews) R.Br.1813. + See next entry.
andersonii: of Anderson. For orig.coll., botanist, Thomas Anderson (1832-1870). ex Darjeeling, India, cf. *Bulbophyllum andersonii* (Hook.f.) J.J.Sm.1912.
anderssonii: of Andersson. For botanist and author, Lennart Andersson (b1948). ex Peru, cf. *Epidendrum anderssonii* Hágsater & Dodson 1993.
andicola: ref. the Andes Mtns.+ resident; dweller. ex Ecuador to Peru, cf. *Malaxis andicola*.
andigena: as *andigenum*. Listed as ex the Ecuadorian Andes, cf. *Caucaea andigena*.
andigenum: refs. to the Andes Mtns.(of Ecuador) + ref. *genos*: born, etc. cf. *Oncidium andigenum* Linden & Rchb. syn. *Caucaea andigena*.
andina: for the Andes Mtns.+ see *-ina*: of, etc. Listed as ref. the Bolivian Andes: Cordillera Real, La Paz Department, Bolivia. cf. *Pleurothallis andina* (Schltr.) Luer 1981.
Andinia: (Luer) Luer 2000: of the Andes Mtns. eg. *Andinia ibex*.
andinum: of the Andes Mtns. cf. *Physosiphon andinum* Schltr.1912. syn. *Pleurothallis andina*.
andinus: as *andinum*. cf. *Telipogon andinus* Dodson. syn. *T. antioquianus*.
andohahelense: for place name (+ from), only listed as ex s.west Madagascar. cf. *Bulbophyllum andohahelense* H.Perrier 1939.
andohahelensis: as *andohahelense*. cf. *Cynorkis andohahelensis* H.Perrier 1939.
andongense: for place name: from Andongo (village) eastn. central Angola, Africa. cf. *Bulbophyllum andongense* Rchb.f.1865. syn. *B. cocoinum*.

andracnitis: man; male + chaff; froth; down + suffix: the state, or condition. Has a larger, whitish process at the anther area (the "male"). cf. *Ophrys andracnitis*. syn. *O. ferrum-equinum*.

andradeanum: listed as ex Ecuador to Peru and is possibly for a person's name (+ belonging to). But, also noted quite a few places (towns and villages) called Andrade (in some way). cf. *Oncidium andradeanum* Dodson & D.E.Benn.1989.

andrambovatensis: for place name (+ from), listed as ex s.east Madagascar. cf. *Phaius pulchellus* var.*andrambovatensis* Bosse 1971.

andrangense: for place name: from Andrangy (village). Noted there are two, with the same name, of central eastn. Madagascar. cf. *Bulbophyllum andrangense* H.Perrier 1939.

andranobeense: for place name: from Andranobe, Madagascar. Noted at least ten places, with this same name. cf. *Bulbophyllum rauhii* var.*andranobeense* Bosser 1971.

andreae: may be for a person's name (+ of). Listed as ex Colombia, could also ref. to Andrea (village), Atlántico Department. cf. *Oncidium andreae* Königer 1996.

andreanum: listed as ex s.west Mexico. May be for a person's name (André, or Andrea + of, or belonging to), but noted some places (towns and villages) that fit the location (?). cf. *Oncidium andreanum* (Cogn.) Garay 1982.

andreemillarae: for Mrs.Andree Norma Millar (b1916), orig. of Paris, France. From 1949-'82 lived and worked in PNG., travelling and collecting widely. An author and authority, was Curator of the University of Papua New Guinea Botanic Garden and was awarded the Australian Orchid Council's highest award, The Award of Honour, for her dedication to the promotion and world recognition of PNG. orchids. I had the honour and pleasure of working closely with her in our association to The Orchid Society of Papua New Guinea, (TOSPNG.). cf. *Dendrobium andreemillarae* T.M.Reeve 1982.

Andreettaea: Luer 1978: as next entry. syn. *Pleurothallis* R.Br.

andreettae: listed for Dr.Andreetta (+ of), botanist, authority and often co-author with C.A.Luer (see *Luerella*). ex Ecuador, cf. *Porroglossum andreettae* Luer 1980.

andreettaeana: as *andreettae* (+ belonging to). cf. *Masdevallia andreettaeana* Luer 1981.

x *Andrewara*: auct.: of, or belonging to Andrew (? , no further info.). On the syn. list, as the result of *Arachnis* x *Renanthera* x *Trichoglottis* x *Vanda*.

andrewsii: of Andrews. Listed for American amateur botanist, E.P.Andrews. Noted as a natcross of *Cypripedium candidum* x *C. parviflorum* var. *pubescens*. ex Canada and nthn. USA., cf. *Cypripedium* x *andrewsii* Fuller 1932. + See next entry.

andrewsii: cf. *Platanthera* x *andrewsii* (M.White) Luer 1975. Listed for Albert LeRoy Andrews (1878-1961), first to note it (c1901) as a natcross. Was later determined to be *Platanthera lacera* x *P. psycodes*.

andria: may be for a person's name, also could ref. to Andría (village), Ártá, Epirus, Greece (?). cf. *Ophrys andria* P.Delforge 1994. syn. *O. holoserica* ssp.*bormuelleri*.

andringitrana: as *andringitranum*. cf. *Cynorkis andringitrana* Schltr.1924.

andringitranum: for place name: belonging to Andringitra mtn. range (+ ref. Andringitra Massif), s.east Madagascar. cf. *Angraecum andringitranum* Schltr.1925.

andringitrense: as *andringitrانum* (with different suffix: origin; from). cf. *Bulbophyllum cylindrocarpum* var. *andringitrense* Bosser 2000.

andro-: used in compwds., ref. *andros*: man; male. Mostly refs. to the anther area, pollinarium, etc., at apex of the column. Also, can be used in forming other combwds.

androcardium: man; male + heart + of. cf. *Zeuxine androcardium*. syn. *Z. plantaginea*.

androchilus: man; male + lip. cf. *Liparis androchilus*. syn. *Ponthieva campestris*.

Androchilus: Liebm.ex Hartm.1844: man; male + lip. syn. *Ponthieva* R.Br.

androclinium: male + bed + of. Another word for the clinandrium.

Androcorydinae: see *Androcorys* + suffix denotes it's a subtribe.

Androcorys: Schltr.1919: male + ref. *corys*: helmet, or cap. Ref. the hooded anther area. ex China, eg. *Androcorys ophioglossoides*.

androecium: male + suffix: place of. Refs. to the male reproductive organs and parts. Often used as a collective term for those species having multiple anthers.

Androgyne: Griff.1851: male + female. Listed as, simply for the bisexuality of the flowers. syn. *Panisea* (Lindl.) Lindl.

androgynous: ref. *androgynes*: hermaphrodite. Of male and female, having both m.& f. flowers on the same inflorescence.

Anecochilus: Blume 1825, same as *Anoetochilus*. eg. *Anecochilus setaceus*. syn. *Anoetochilus setaceus*.

Anetochilus: Blume 1858, see *Anoetochilus*. syn. *Anoetochilus*.

aneityumense: for place name: from Anatom (aka. **Aneityum**) island(s), Vanuatu. cf. *Chrysoglossum aneityumense* Ames 1933. syn. *Collabium vesicatum*.

anemo-: used in compwds., ref. *anemos*: wind. Of, or for anything to do with the wind.

anemone: noted as alluding to have some likeness to an anemone plant, and/or flower, of the crowfoot family: *Ranunculaceae* (not orchids). cf. *Masdevallia anemone*.

anemophila: wind + loves. Not because its wind pollinated (see anemophily), but noted it prefers to grow on very exposed ridges, subject to strong winds. cf. *Liparis anemophila*.

anemophilus: wind + loves. cf. *Cyphochilus anemophilus*. syn. *Appendicula anemophila*.

anemophily: technical term for when flowers are wind pollinated.

aneytyumensis: from Aneityum (: Anatom) island, Vanuatu. cf. *Cystopus aneytyumensis* Schltr.1911. syn. *Pristiglottis montana*.

anfracta: see *anfractus*. cf. *Lepanthes anfracta*.

anfractoides: listed as closely resembling *Dendrochilum anfractum* (+ suffix: resembling) .cf. *Dendrochilum anfractum* var.*anfractoides*.

anfractum: see *anfractus*. cf. *Dendrochilum anfractum*.

anfractus: descwd.: bending; winding; in a circuitous way.

angelensis: for place name (+ from), only listed as ex Italy. Can't be exact as, noted a few places with "Angel" in the name (eg., San Angelo). cf. *Ophrys x angelensis* H.Baumann & Künkele 1986.

angereri: listed for orig.coll. S.Angerer. ex Brazil, cf. *Sophranitis angereri* (Pabst) Van den Berg & M.W.Chase 2000.

angiense: for place name: from Angi Lakes, Vogelkop Peninsula (Jazirah Doberai), Papua, Indon. cf. *Dendrobium angiense* J.J.Sm.1913.

angiensis: as *angiense*. cf. *Ceratostylis angiensis* J.J.Sm.1917.

angiosperm: ref. *angeion*: receptacle; vessel + ref. *sperma*: seed. Any plant that has its seed(s) enclosed in a fruit, capsule, etc., as distinct to gymnosperm (see "G").

Angiospermae: the class. Noted, *Angiospermae* covers approx. 240,000 species of most flora. *Orchidaceae* being a family of this class. + See *angiosperm*.

angkae: for place name: of Ang Ka (: Doi Inthanon, a mtn.), n.west Thailand. cf. *Liparis angkae* Kerr 1927. syn. *L. petiolata*.

angkorensis: from Angkor, once the capital of the Khmer Empire. Could also ref. to Khum **Angkor** Ban, a town on the Mekong River, **Angkor** Wat (site of an ancient Hindu temple and a N.Park), or **Angkor** Thum (site of an ancient Buddhist temple), Cambodia. cf. *Sarcanthus angkorensis* Guillaumin 1930. syn. *Cleisostoma discolor*.

angolense: for place name: from Angola, Africa. cf. *Cymbidium angolense* Rchb.f.1865. syn. *Eulophia angolensis*.

angolensis: as *angolense*. cf. *Eulophia angolensis* (Rchb.f.) Summerh.1958.

Angorchis: Thouars 1809. Listed as coined from *Angraecum* + orchid, for its resemblance. eg. *Angorchis sesquipedalis*. syn. *Angraecum sesquipedale*.

Angorkis: Thouars 1809, see last entry. syn. *Angraecum* Bory.

angornensis: for place name (+ from). May have been a phonetic attempt at spelling Anjouan, as it is listed to be from the Comoro Islands (+ see *anjoanensis*). cf. *Galeandra angornensis* Rchb.f.1847. syn. *Eulophia anjoanensis*.

angostrum: listed for Swedish physicist Dr.A.J.Angostrum (1814-1874). cf. *Bulbophyllum angostrum*. Took this info. from a book, but there isn't any official listing (?).

x *Angraecentrum*: auct. On the syn. list, cf. ***Angraecum* x *Ascocentrum***.

angraeciflora: *Angraecum* + flower, alluding to some resemblance. cf. *Calanthe angraeciflora*. syn. *C. triplicata*.

angraecifolium: see *Angraecum* + leaf. cf. *Dendrobium angraecifolium*. syn. *D. branderhorstii*. Pers.coll., fairly common ex Eilogo, PM.PNG. Sadly another "botanical", a lovely plant with small, paired, one-day flowers.

Angraecinae: see *Angraecum* + suffix denotes it's a subtribe.

angraecoid: descwd.. *Angraecum* + resembling. Having the facies, or some organ(s), or part(s) likened to that of an *Angraecum*.

Angraecoides: *Angraecum* + resembling.= *Angraecum* section.

angraecoides: *Angraecum* + resembling. cf. *Octarrhena angraecoides*.

Angraecopsis: Kraenzl.1900: a contraction, see *Angraecum* + *-opsis*: appearance. ex Tanzania, etc., eg. *Angraecopsis tenerrima*.

Angraecopsis: *Angraecum* + appearance.= *Angraecum* section.

x *Angraecostylis*: auct. On the syn. list, cf. ***Angraecum* x *Rhynchostylis***.

Angraecum: Bory 1804. Listed as ref. "angurek" (or, "anggrek"?): Malay word for many epiphytic plants, like some Vandas etc. You wonder about a Malay word for Madagascan/ African orchids? The name was given by Mon. Bory de St. Vincent

(more, see *Boryangraecum*), who knew the term and it was Lat'd. to *Angraecum*.
 eg. *Angraecum eburneum*.
angraecum: see last entry. Listed for the flowers: likened to some species of *Angraecum*.
 cf. *Pennilabium angraecum*.
 x *Angraecyrtanthes*: auct. On the syn. list, cf. *Aeranthès* x *Angraecum* x *Cyrtorchis*.
 x *Angraeorchis*: auct. On the syn. list, cf. *Angraecum* x *Cyrtorchis*.
 x *Angrangis*: auct. On the syn. list, cf. *Aerangis* x *Angraecum*.
 x *Angranthellea*: auct. On the syn. list, cf. *Aerangis* x *Angraecum* x *Jumellea*.
 x *Angranthès*: auct. On the syn. list, cf. *Aeranthès* x *Angraecum*.
 x *Angreoniella*: auct. On the syn. list, cf. *Angraecum* x *Oeoniella*.
ang-thong: refs to the Mu Ko **Ang Thong** Archipelago, a group of islands in the Gulf of Thailand. cf. *Paphiopedilum* x *ang-thong* Fowlie 1980. Listed as a natcross of *P. godefroyae* x *P. niveum*.
anguiceps: ref. *anguis*: serpent; snake + see *-ceps*: small head. cf. *Habenaria anguiceps*.
anguilliform: ref. *anguilla*: eel + form; shape. Sinuously curved, long and slender.
anguina: snake + see *-ina*: like, etc. Should allude to the raceme (?). cf. *Oberonia anguina*.
anguipes: snake + foot (ref. to some sinuous basal part). cf. *Bulbophyllum anguipes*.
anguinus: serpentine; snake-like. cf. *Podochilus anguinus*.
angula: descwd.: of a corner, angle; bend. + See angular.
angular: having, or to do with an angle, corner; bend. Relatively sharp-cornered.
angularis: see angular. ex Angola, Africa, cf. *Polystachya angularis*.
angulata: see angulate, angular. cf. *Flickingeria angulata*.
angulate: having or like a corner; formed by corners. More or less at an angle. + See angular.
angulation: off-centre; not perpendicular; angled.
angulatum: see angulate. cf. *Bulbophyllum angulatum*.
angulifera: corners; bends + see *fer-*: bearing. cf. *Masdevallia angulifera*.
anguliferum: as *angulifera*. cf. *Bulbophyllum anguliferum*.
Anguloa: Ruiz & Pav. 1794. Listed for Don Francisco de Angulo (+ of), Director General of Mines, Peru. eg. *Anguloa uniflora*.
 x *Angulocaste*: auct. On the syn. list, cf. *Anguloa* x *Lycaste*.
angulosa: see *angulus* + see *-osa*: having obvious, or prominent bends; corners. cf. *Tropidia angulosa*.
angulus: descwd., seen in descriptions: corner; angle; bend.
angust-: used in compwds., ref. *angustus*: narrow. Can simply mean: narrow; narrowed. Or; having convex curved sides, then narrowing gradually and concavely to the base.
angusta: see *angust-*. cf. *Pterostylis angusta*. Noted as endemic to West. Aust.
angustata: see *angust-* + suffix: like; having. Or: narrowed. cf. *Caladenia angustata*. syn. *C. gracilis*. Noted as endemic to Aust.
angustatifolium: see *angust-* + like; having (being) + leaf. cf. *Bulbophyllum angustatifolium*. syn. *B. deltoideum*.
angustatum: as *angustata*. cf. *Cyrtorchilum angustatum*.

angusteolipticum: narrowly elliptic. cf. *Bulbophyllum angusteolipticum*. syn. *B. nigrescens*.
angusteovatum: see *angust-*+ see ovate: egg-shaped. Not narrowly ovate, by the description, it's ovate and then narrowed, ref. to a leaf. cf. *Bulbophyllum angusteovatum*.
angustibulbosa: see *angust-*+ see *bulbosa*: bulbed, etc. cf. *Maxillaria angustibulbosa*.
angusticalcarata: see *angust-*+ *calcarate*: spurred, etc. cf. *Cadetia angusticalcarata*. syn. *Cadetia macroloba*.
angusticruris: see *angust-*+ see *crural*: of the leg (: narrow-legged). Ref. the labellum apical lobes. cf. *Orchis* x *angusticruris* Franch.
angustidens: see *angust-*+ *tooth*; of teeth. cf. *Aeranthus angustidens*.
angustiflora: see *angust-*+ *flower*. cf. *Liparis angustiflora*.
angustiflorum: as *angustiflora*. cf. *Dendrobium angustiflorum*.
Angustifolia: see *angust-*+ *leaf*. = *Dendrobium* section.
angustifolia: see *angust-*+ *leaf*. cf. *Thelymitra angustifolia* R.Br.1810. Noted as endemic to eastn. Qld., Aust.
angustifolium: see *angust-*+ *leaf*. cf. *Bulbophyllum angustifolium*.
angustifolius: see *angust-*+ *leaf*. cf. *Epiblastus angustifolius*. Noted as endemic to PNG.
angustifovea: see *angust-*+ see *fovea*, *foveate*. cf. *Malaxis angustifovea*.
angustifoveum: as *angustifovea*. cf. *Crepidium angustifoveum*. syn. *Malaxis angustifovea*.
angustilabellata: see *angust-*+ *having*, or like a small lip. cf. *Eulophia angustilabellata*. syn. *E. penduliflora*.
angustilabia: see *angust-*+ *lip*. cf. *Pleurothallis angustilabia*. syn. *P. obovata*.
angustilabium: see *angust-*+ *lip*. cf. *Zygosepalum angustilabium*.
angustilabre: see *angust-*+ *lip*. cf. *Herminium angustilabre*.
angustilabris: see *angust-*+ *lip*. cf. *Liparis angustilabris*. Noted as endemic to nth.Qld., Aust.
angustilancea: see *angust-*+ see *lanceo-*: spear-head (shape). cf. *Notylia angustilancea*. syn. *N. orbicularis*.
angustiloba: see *angust-*+ *lobe*. cf. *Encyclia angustiloba*.
angustilobopaniculatum: see *angust-*+ *lobe* + see *paniculate*. Maybe it was likened to *Epidendrum angustilobum* + it has a panicle inflo.(?). ex Ecuador, cf. *Epidendrum angustilobopaniculatum*.
angustilobum: see *angust-*+ *lobe*. cf. *Dendrochilum angustilobum*.
angustior: more narrowed, or one (that is) narrower. cf. *Maxillaria harrisoniae* var. *angustior*. syn. *Bifrenaria harrisoniae*.
angustipetala: see *angust-*+ *petals*. ex São Paulo, Brazil, cf. *Vanilla angustipetala*.
angustipetalum: see *angust-*+ *petals*. cf. *Dendrobium angustipetalum*.
angustisegmenta: see *angust-*+ (floral) segments. cf. *Pleurothallis angustisegmenta*. syn. *Barbosella cucullata*.
angustisegmentum: as *angustisegmenta*. cf. *Epidendrum angustisegmentum*.
angustisepala: see *angust-*+ *sepal(s?)*. cf. *Vrydagzynthia angustisepala*.
angustisepalum: as *angustisepala*. cf. *Oncidium angustisepalum*. syn. *O. klotzschianum*.

angustispathum: see *angust-* + see *spathe*: a broad, flat blade, etc. : a narrow spathe (?). cf. *Dendrobium angustispathum*.

angustissima: see *angust-* + suffix: very, etc. cf. *Habenaria angustissima*.

angustissimum: as *angustissima*. cf. *Epidendrum angustissimum*.

angustitepalum: see *angust-* + tepals (see tepal). cf. *Dendrobium cinnabarinum* var. *angustitepalum*.

angustorum: narrow + the state, or condition. cf. *Spathoglottis angustorum*. syn. *S. plicata*.

angustum: see *angust-*. cf. *Dendrobium poneroides* var. *angustum*.

Ania: Lindley 1831. Ref. *ania*, lit.: trouble; grief. Possibly, the author was showing his frustration with its classification (?). ex China to Indo China, eg. *Ania angustifolia*.

ania: trouble; grief. cf. *Eria ania*. syn. *Ania viridifusca*.

anacula: lit., a little old woman. Listed as a natcross of *Dracula cutis-bufonis* x *D. wallisii*. ex Colombia, cf. *Dracula* x *anacula* Luer & R.Escobar 1981.

anisatum: ref. *anison*: anise + suffix: like, etc. Noted the perfume is likened to anise (a plant of the parsley family, *Umbelliferae*). cf. *Epidendrum anisatum*.

aniso-: used in compwds.: unequal; uneven. + Ref. *an-*: not + *isos*: equal.

anisogamy: see *aniso-*: unequal + ref. *gamos*: union; marriage. Of a bigeneric cross, or hybrid that could not possibly occur naturally.

anisoloba: unequal + lobes. cf. *Cynorkis anisoloba*.

anisomorpha: unequal + shape. cf. *Masdevallia anisomorpha*.

Anisopetala: (Kraenzl.) M.A.Clem.: unequal + petals. syn. *Dendrobium* Sw.

Anisopetalum: Hook.1825: unequal + petals. syn. *Bulbophyllum* Thouars.

anisoptera: unequal + wing(s). cf. *Habenaria anisoptera*. syn. *H. quartiniana*.

anisotepala: unequal + tepals (see tepal). cf. *Eulophia anisotepala*. syn. *E. monile*.

Anistylis: Raf.1825: see *aniso-*: unequal; uneven + see style: column. syn. *Liparis* Rich.

anjasmorensis: for place name: from Mt. Anjasmoro, Java. cf. *Ceratostylis anjasmorensis* J.J.Wood & J.B.Comber 1986.

anjoanensis: for place name: from Anjouan (aka., Nzwani). A main island of the Comoros group, off east coast, Africa. cf. *Eulophia anjoanensis* (Rchb.f.) P.J.Cribb 1998.

anjouanense: as *anjoanensis* (+ see *anjoanensis*). cf. *Angraecum anjouanense* Finet 1907. syn. *Jumellea anjouanensis*.

anjouanensis: see *anjoanensis*. cf. *Jumellea anjouanensis* Finet 1907. Note, here the specep., for the island, is spelt as it is in French and English: Anjouan (+ from).

anjozorobeense: from Anjozorobe, a town of eastn. central Madagascar. cf. *Bulbophyllum anjozorobeense* Bosser 2000.

ankaizinense: from Ankaizina (mtn. peak) nthn. Madagascar. cf. *Bulbophyllum ankaizinense* (Jum. & H.Perrier) Schltr.1924.

ankaratrana: belonging to Massif de l'Ankaratra (mtn. range), central Madagascar. cf. *Jumellea ankaratrana* Schltr.1925. syn. *J. confusa*.

ankarattranum: as *ankaratrana*. cf. *Bulbophyllum ankarattranum* Schltr.1924.

ankarensis: from Ankara (village). Listed as ex westn. Madagascar, noted quite a few villages of this name. cf. *Disperis ankarensis* H.Perrier 1939.

ankeranae: for place name: of Ankerana (of which, there are many of this name). Listed as ex central Madagascar, cf. *Angraecum acutipetalum* var. *ankeranae* H.Perrier.

ankeranense: as *ankeranae* (+ from). cf. *Angraecum ankeranense* H.Perrier 1938.

ankistra: ref. *ankistros*: hook; fish-hook. cf. *Lepanthes ankistra*.

ankylo-: used in combwds., ref. *ankylos*: crooked (as, bent over; hooked).

ankylochele: see *ankylo-* + *chele*: claw (see *chela*). Ref. the projection at the column-foot. cf. *Bulbophyllum ankylochele*.

Ankylocheilos: Summerh.1943: see *ankylo-* + *lip*. syn. *Taeniophyllum* Blume.

ankyloglossa: see *ankylo-* + *tongue*. cf. *Pleurothallis ankyloglossa*.

ankylorhinon: see *ankylo-* + ref. *rhinos*: nose; snout, etc. Ref. the rostellum. cf. *Bulbophyllum ankylorhinon*.

annae: of Anna, noted as named for Ms. Anna Devillers. ex Europe to the Mediterranean, cf. *Ophrys annae* Devillers-Tersch.& Devillers 1992. syn. *O. holoserica*.

Annamaea: (those of) Annam, see *annamense*. = *Cymbidium* section.

annamense: from Annam (historic region), listed as now mostly central Vietnam. cf. *Epigeneium annamense* (Guillaumin) Seidenf.1980. syn. *E. amplum*.

annamensis: as *annamense*. cf. *Flickingeria annamensis* A.D.Hawkes syn. *F. angustifolia*.

annamica: of Annam, see *annamicum*. cf. *Acriopsis annamica* Finet 1911. syn. *Acriopsis liliifolia*. Pers.coll., very common ex PM.PNG., see notes at *javanica*.

annamicum: belonging to Annam, see *annamense*. cf. *Bulbophyllum annamicum* (Finet) T.B.Nguyen & D.H.Duong. syn. *Bulbophyllum umbellatum*.

annandalei: for T.N. Annandale (+ of), who was the Superintendent of the Indian Museum, Calcutta (listed as orig.coll. with H.C. Robinson, see *robinsonii*). ex Thailand, cf. *Bulbophyllum annandalei* Ridl.1920.

annectans: ref. *annecto* + *-ans*: binding; tying; joining. cf. *Pleurothallis annectans*.

annelid: this is for cross-reference, see *chaete*. The annelid phylum are worms and worm-like invertebrate animals, inc. marine and freshwater worms, earth-worms and leeches (contains c9,000 species!). A fascinating subject, how easy it is to get side-tracked.

anneliesae: see *Anneliesia*. cf. *Steliopsis anneliesae* Brieger 1975. syn. *Stelis maxima*.

Anneliesia: Brieger & Lückel 1983. Listed for Frau Anneliese Brieger Kaiser. Noted, Prof. Brieger (more, see *briegeri*) named it for his wife. ex Brazil, syn. *Miltonia* Lindl.

ann-jesupiae: for orig.coll.(?), Ann(e?) Jesup. ex Ecuador, cf. *Stelis ann-jesupiae* Luer 2002. + Of interest, see *phil-jesupii*.

annua: see annual. cf. *Spiranthes annua*. syn. *S. cernua*.

annual: ex *annus*: year + of. Yearly. Lasts approx. one year, or only occurs once a year.

annular: ref. *annularis*: ring-like; ring-shaped; having the form of a ring. + See annulate. Also ref. annular node, see annulus.

annulare: see annular, cf. *Cyrtorchilum annulare*.

annularis: a descwd., see annular. + Ref. *annulus*: circle; ring + suffix, see *-are*: like; relative to. Circular; ring-like, etc.

annulata: see annulate. cf. *Trichotosia annulata*.

annulate: ref. *annulatus*: ringed; with ridged rings; having, or like a ring, or circular band. eg. annulate stems. + See annular.

annuliferum: ring(s?) + see *-fer*: bearing. + See annular, annulate. cf. *Taeniophyllum annuliferum*.

annuligerum: same as *annuliferum* (with *-gerum*, see *-ger*). Ref. internode bands. cf. *Dendrobium annuligerum*.

annulus: descwd., esp. with *Pleurothallidinae*. Listed as a specialised node at the top of the ramicaul, from which arise the spathe and raceme. Also called an annular node.

ano-: used in compwds. (similar to *ana-*): above; over; up; upwards, etc., eg. see next entry.

anocentrum: upwards + ref. *centrum*: spur. cf. *Angraecum anocentrum*. syn. *Angraecum calceolus*.

Anocheile: Hoffmanns.ex Rchb.1841: upwards + lip. Refs. to a trait of many species with non-resupinate flowers, the labellum is upwardly erect. syn. *Epidendrum* L.

Anochilus: Rolfe 1913: upwards + lip. syn. *Encyclia*. + See next entry.

Anochilus: (Schltr.) Rolfe 1913: upwards + lip. syn. *Pterygodium* Sw.

Anoectochilus: Blume 1825: ref. *anoiktos*: opened + lip. The labellum spreads out after the constriction of the mesochile. eg. *Anoectochilus yatesiae*. Noted as endemic to Aust.

anoglossoides: upwards + tongue + resembling. Or, may have been compared to *Epidendrum anoglossum* (+*-oides*: resembling?). cf. *Epidendrum anoglossoides*.

anoglossum: upwards + tongue. cf. *Epidendrum anoglossum*. The specep. is very apt as many *Epidendrum* have a reverse flower, ie., right way up (: non-resupinate) and the lip is pointing "up".

anomala: ref. *anomalus*, see anomalous: odd; strange, etc. cf. *Aphyllorchis anomala*. Noted as endemic to nth. Qld., Aust.

anomalous: ref. *anomalos*: odd; irregular; different; inconsistent; uneven; abnormal; strange; puzzling; unusual; deviating, etc.

anomalum: see anomalous. cf. *Prasophyllum anomalum*. syn. *Genoplesium apostasioides*.

anomalus: see anomalous. cf. *Podochilus anomalus*.

anonoensis: for place name (+ from), only listed as ex PNG. cf. *Eria anonoensis* Kraenzl.1910. syn. *Dendrobium viridiflorum*.

anopheles: same as that dreadful mosquito, as many *Liparis* flowers are alluded to resemble a small insect: a gnat, small mosquito, etc. But also, lit. means: of no benefit; useless, (hopefully, ref. to the mosquito). cf. *Liparis anopheles*.

Anophora: see *ano-*: up, etc. + see *-phora*: bearing. eg. *Anophora liparidoides*. syn. *Malaxis latifolia*.

anophthalama: ref. *an-*+ *ophthalmos*: without eyes. This one doesn't have the "small eyes", see *microphthalama*. cf. *Dendrobium chrysanthum* var. *anophthalama*. syn. *D. chrysanthum*.

anosma: see *an-*+ *osme*: without smell. cf. *Callista anosma*. syn. *Dendrobium anosmum*. See next entry.

anosmum: ref. *an-*+ *osme*: no smell. cf. *Dendrobium anosmum*. Lots of controversy with this one. Listed as orig.coll. x Hugh Cuming (more see *cumingii*) ex central Luzon, Phillip. and does not have a perfume. The beautifully fragrant one, also collected by Cuming, ex Manila c1838, was orig. called *Dendrobium anosum* var.*superbum* (now, syn. *D. anosmum*). This has flowers c75mms. (3 inches) across and has a strong pervading perfume, which many liken to rhubarb. In PM.PNG. we nick-named it "the raspberry jam orchid". You could always be certain of its identity when it flowered, from the mouth-watering perfume. In the bush, I even found it once simply because the perfume so obviously advertised its presence. It seldom opened fully as the flowers were quickly pollinated, or maybe it was self-pollinating? I had one given to me from the Lae area of PNG. and it was magnificent, the fully expanded flowers lasted a couple of weeks, but there wasn't any detectable perfume.

Anota: Schltr. 1914, see *an-*: without + ref. *otos*: ear(s?). Refs. to the column. eg. *Anota gigantea*. syn. *Rhynchostylis gigantea*.

Anotopedilum: could be: not *Otopedilum* (see "O"). Or: without + ears+ ref. *pedilon*: foot covering; slipper.= *Paphiopedilum* subgenus.

ansate: ref. *ansa*: handle; haft.+ Ref. *ansatus*: having, or like a handle. Can be for a projection, etc., alluding to a handle.

ansatum: see *ansate*. Refs. to the peduncle (?). cf. *Genoplesium ansatum*. syn. *G. nudiscapum*. Noted as endemic to eastn. Aust.

ansedoniensis: from Prata d'Ansidonia, a town of L'Aquila, Abruzzi, central Italy. cf. *Ophrys x ansedoniensis* Soca.

Ansellia: Lindley 1844. Listed for orig.coll., John Ansell (+ of). eg. *Ansellia africana*. Noted as monotypic and well known commonly, as the "leopard orchid" (as it's spotted).

anserina: ref. *anserinus*: of, or for anything to do with geese. cf. *Lepanthes anserina*.

x *Ansidium*: auct. On the syn. list, cf. *Ansellia* x *Cymbidium*.

ansiferum: handle + see *fer-*: bearing, see *ansate*. cf. *Oncidium ansiferum*.

ansusanum: belonging to Ansus, a coastal village of Yapen Island, off central nth. coast Papua, Indon. cf. *Dendrobium ansusanum* Schltr.1911. syn. *D. viridiflorum*.

antalyensis: from Antalya. Ref. the Gulf, province, or the city (?) of sthn. Turkey. cf. *Ophrys antalyensis* Kreutz & Seckel. syn. *O. mammosa*.

antarctica: as *antarcticus*. cf. *Caladenia antarctica*. syn. *Lyperanthus antarcticus*.

antarcticus: ref. *antarktikos*: of, or belonging to the antarctic (area), or: of, or from the south. (Actually, this is listed from sthn. NZ.). cf. *Lyperanthus antarcticus* Hook.f.1847.

antaresensis: listed for place name: from Mt.Antares, westn. Star Mtns., Papua. cf. *Glossorhyncha antaresensis* P.Royen 1979 (syn.).

antelope: ref. *antholops*; horned animal; an antelope. Probably ref. the sepals likened to horns. cf. *Dendrobium antelope*. syn. *D. bicaudatum*.

antenna (sing.), *antennae* (pl.): alluding to any organ, or part that projects from its attachment and is relatively long and slender. More info., see *antennatum*.

Antennae: (those) with antennae. Ref. the erect lateral sepals (more see *antennatum*).= *Pterostylis* section.

antennata: see *antennatum*. Here, it's for the long sepals likened to antennae, see the "correct name". cf. *Eulophia antennata*. syn. *E. longisepala*.

Antennata: see *antennatum*.= *Dendrobium* section. syn. *Dendrobium* section *Spatulata*.

antennatum: ref. antenna + suffix: like; having. Orig. ex *antenna*: a yard-arm, or sail-yard.

Of sailing: the side-projecting arm of a mast. Has come to mean: having organs, parts, or appendages, projecting and likened to "antennae" (here refs. to the upright sepals). cf. *Dendrobium antennatum*. Very variable and fairly common ex PM.PNG., the flowers range from approx. 32mm.(1 1/4") up to 75mm. (3"). We used to call the smaller ones: *Den. dalbertisii* (which is a syn., see *dalbertisii*) and the large one: *D. antennatum*. + See sketch and notes at "D".

antennifer: antenna(e), see *antennatum* + see -fer: bearing. cf. *Trichoceras antennifer*.

antennifera: as *antennifer*. Ref. column appendages. cf. *Thelymitra antennifera*. Noted as endemic to sthn. Aust.

antenniferum: as *antennifer*. cf. *Bulbophyllum antenniferum*.

antennisepala: see *antennatum* + see sepal. Sepals likened to antennae. cf. *Eulophia antennisepala*.

Antennisepalum: antennae + sepals. Ref. the tips of the sepals.=*Bulbophyllum* subgenus.

antennisepalus: antennae + sepals. cf. *Lissochilus antennisepalus*. syn. *Eulophia antennisepala*.

antennophora: antennae + see -phora: bearing. Probably ref. the floral segments which taper into slender threads. cf. *Aeranthes antennophora*.

anterior: ref. *ante*: before; in front of + ref. anterior: former; before. The side that is in front; the parts of an organ furthest from a stem, or axis on which it grows.

Anteriorchis: E.Klein & Strack 1989: see anterior + see -orchis. Ref. the tuberosities, or stolons. cf. *Anteriorchis coriophora*. syn. *Anacamptis coriophora*.

antero-lateral: listed as a coined term: anterior + at the side.

antheae: listed for Mrs.Anthea Lamb of Sabah. From the little info. I have, it's probably for the co-author's wife. ex Nabawan, Borneo cf. *Trias antheae* J.J.Verm. & A.L.Lamb 1994.

x *Anthechostylis*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x *Rhynchostylis*.

x *Antheglottis*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x *Trichoglottis*.

anthemis: used in combwds.: blooming; blossoming.

anthemum: used in combwds., ref. *anthemom*: flower.

anther: listed as ref. *anthera*: fem. of *antheros*: blooming; flowery. Adapted as a bot. term which refs. to the specialised apical section of the column, containing the male reproductive organs and parts (+ see pollinarium, etc.). I have a major dilemma throughout this text as when I find a genus or specep., containing the word, or any adaption of it, eg., "-anth-" etc., is the author ref. to the anther or a flower? As a general rule: if it's with other Gk., then it's "flower", and if it's with other Latin, then it's "anther", but this doesn't hold true, esp. when the word is of mixed

derivation (which does happen) and then it's "Latinised". Often as not, I give both explanations.

x *Antheranthe*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x *Renanthera*.

anther-cap: a small lid-like cover at the apex of the column under which is the pollinarium. Can be loose and drop off with pollinia removal, or can be hinged by a minute piece of tissue. An important part in taxonomy for the size, shape, colour, etc. Sometimes called the operculum (see "O") + see pollinarium.

anther cell: where the pollinia is not covered by an anther-cap and there is not a definite clinandrium. The pollinia are held in place by a fine membranous film, the anther cell.

Anthereon: Pridgeon & M.W.Chase 2001: ref. *anthereon*: chin. syn. *Pleurothallis* R.Br.

antherial: of, or relative to the anther area (see anther).

Anthericlis: Raf.1819: see anther + ref. *klisis*: a bending; lying down. Or, ref. *klisia*: a place for lying down; bed; sofa, etc. syn. *Tipularia* Nutt.

anthericoides: ref. *antherikos*: beard; awn; ear + resembling. cf. *Liparis anthericoides*.

antherotes: see anther + suffix: quality, or the feature. cf. *Brassia antherotes*.

anthesis: ref. *anthein*: to blossom. The time of a flower's capability to reproduce. When a flower has reached its maturity and has opened, or expanded to its full extent, it is then ready for reproduction. From this time until it ceases to be receptive, is the time of anthesis. + Can be for the release of pollen, pollinia from a mature anther.

anthoceroïdes: flower + horn + resembling. Or, may have been compared to *Epidendrum anthoceros* (+-oides: like, etc.). cf. *Epidendrum anthoceroïdes*.

anthoceros: flower + horn. Actually seems to be almost all "horn", for the relatively large, horn-shaped labellum. cf. *Disperis anthoceros*.

anthocrene: *antho-*: flowery + ref. *krene*, from old English: a spring; fountain. The raceme is alluded to be gushing out, like a spring or fountain. One major ref. trans. it as a "fountain of flowers" (nicely put). cf. *Oncidium anthocrene*.

anthoctenium: see anther + ref. *ktenion*: small comb. cf. *Lepanthopsis anthoctenium*.

anthocyanin (+ anthocyanius): technical term for red and blue pigments in organs, giving them a red, or purplish tinge.

Anthogonium: Wall. ex Lindley 1836: flower + angle + suffix: distinctive of. Refs. to the angle of a flower to the pedicel (most unusual). eg. *Anthogonium gracile*. Noted as monotypic.

Anthogyas: Raf.1838: flowery + giant: giant flower (fig.). syn. *Bletia* Ruiz & Pav.

anthomaniaca: ref. *anthos* + *mania* + suffix: the action: "flowers madly" (: profusely). ex Africa, cf. *Tridactyle anthomaniaca*.

anthophilous (insects): flower + loving.: Of those insects which are attracted to flowers for whatever their reasons. + See pseudo-copulation, mimicry, etc.

Anthosiphon: Schltr.1920: flowery + tube. Ref. the sepals, part-joined; tubular (see sepaline tube at "S"). ex Colombia, eg. *Anthosiphon roseans*. Noted as monotypic.

anthoxantha: I was trying to say *anthox* + *antha*, but it's *antho* + *xantha*: yellowy (-brown) + flower. cf. *Pleurothallis anthoxantha*. syn. *P. auriculata*.

anthoxanthum: as *anthoxantha*. cf. *Cyrtorchilum anthoxanthum*.

anthoxanthius: technical term for white to yellowish pigments within organs. (+ See *anthocyanin*).

anthracina: see *anthracinus*. ex Tas., Aust., cf. *Caladenia anthracina*.

anthracinus: a colour term, ref. *anthrakinos*: of coal; coal-black (... well, almost). Infrs: blackish; extremely dark.

anthrax: refs. differ with explanations and have noted it as: coal; charcoal; semi-precious gemstone. + Can be for an ulcerous sore; carbuncle. cf. *Pleurothallis anthrax*.

anthrene: a bee; hornet, or wasp. cf. *Dendrobium anthrene*.

anthropomorpha: ref. *anthropos*: man + ref. *morphe*: shape; form. Ref. the lip (outline). cf. *Ophrys anthropomorpha*. syn. *Orchis anthropophora*.

anthropomorphum: man + shape(-d). Ref. the labellum. cf. *Satyrium anthropomorphum*. syn. *Orchis anthropophora*.

anthropophora: man + *-phora*: bearing. Ref. the labellum likened to a human figure. cf. *Calanthe anthropophora*.

anthropophorum: man + bearing. The lip looks like a man wearing a large helmet. cf. *Satyrium anthropophorum*. syn. *Orchis anthropophora*. + See notes at *Satyrium*.

anti-: used in compwds.: against; opposed (to). Can also be: like.

Anticheiostylis: Fitzg.1888: see *anti-*+ ref. *cheir*: hand + see style: column. But, is probably: "like *Cheiostylis*". syn. *Genoplesium* R.Br.

Antichirostylis: Kuntze 1903, see *Anticheiostylis*. syn. *Genoplesium* R.Br.

anticous: ref. *anticus*: foremost; protruding outwards. At the front; in front of; protruding from the front; remote from; turned away from the axis.

anticlinal: usually associated with geological formations, but is also an applicable bot. term: almost perpendicular; slightly sloping up from the surface.

antigone: I had a complicated expl. concerning seed (ref. *gone*: seed), but then noted the author and am certain it has to be simply, for "beauty". Ref. Gk.myth.: Antigone was the very beautiful daughter of Oedipus, king of Thebes and Queen Jocasta. cf. *Cypripedium* x *antigone* Rolfe. syn. *Cypripedium* x *aphrodite* H.J.Veitch.

Antilla: (Luer) Luer 2004: of the Antilles, see *antillana*. syn. *Pleurothallis* R.Br.

antillana: of Antillan; of, or belonging to the Antilles Islands, West Indies region. cf. *Bletia antillana* M.A.Diaz & Sosa 1997. Listed as ex Cuba.

Antillanorchis: Garay 1974. Refs. to the Antilles Islands (Antillan), West Indies region +- *orchis*: orchid. Noted as monotypic.

antillanum: as *antillana*. cf. *Epidendrum antillanum* Ackerman & Hágsater 1992.

antillanus: as *antillana*. cf. *Tetragamestus antillanus* Schltr.1922. syn. *S. modesta*.

antillensis: from the Antilles Islands, West Indies region. cf. *Rodrigueziopsis antillensis* Withner 1971.

antilocapra: ref. the genus, *Antilocapra*: an antelope-like animal, commonly: pronghorn. cf. *Lepanthes antilocapra*.

antiochiana: belonging to Antioch (: Antakya city), sthn. Hatay Prov., Turkey. cf. *Ophrys antiochiana* H.Baumann & Künkele 1986.

antiopa: may simply be for “beauty”. Ref. Antiope, of Gk.myth.: the very beautiful mother of the twins, Amphion and Zethus (their father was Zeus). cf. *Lepanthes antiopa* Luer.

antioquensis: as *antioquia* (+ from). cf. *Sobralia antioquensis* Schltr.1920.

antioquia: of Antioquia, only listed as ex Colombia. Could be for the Department of Antioquia (admin. division), also there are other towns and villages of the same name. cf. *Acineta antioquia* Schltr.1917.

antioquiana: as *antioquia* (+ belonging to). cf. *Galeottia antioquiana* (Kraenzl.) Dressler & Christenson 1989.

antioquianus: as *antioquiana*. cf. *Telipogon antioquianus* Rchb.f.1877.

antioquiense: from Antioquia, see *antioquia*. cf. *Epidendrum antioquiense* Schltr.1920. syn. *E. secundum*.

antioquiensis: as *antioquiense*. cf. *Dichaea antioquiensis* Kraenzl.1923.

antiquensis: from Antique (: Hamtic), a s.west town of Panay, Visayan Islands, Philipp. cf. *Spathoglottis kimballiana* var.*antiquensis* T.Green 2001.

antonense: as *antonensis*. cf. *Epidendrum antonense* Hágsater 1993.

antonensis: listed for place name: from Antón, a minor city of Coclé Prov., Panama. cf. *Pleurothallis antonensis* L.O.Williams.

antongilense: for place name (+ from), listed as ex s.east Madagascar. cf. *Bulbophyllum antongilense* Schltr.1924.

antonietae: for place name (+ of), listed as ex Junin Department, Peru. cf. *Telipogon antonietae* D.E.Benn.& Ric.Fernández 1992.

antropophora: may be an error for *anthropophora* (?). The very brief discussion says the labellum is man-shaped. Although *antro-* may be ref. *antron*: cave; hollow; cavity, etc. But then the specep. would be: *antronophora*, not *antropophora*. cf. *Aceras antropophora*.(syn. *Orchis anthropophora*? *Aceras* is noted as syn. to *Orchis*).

antrorse: ref. *antrorsus*: directed forward; turned, or bent forward and slightly upwards.

antsingyensis: from Antsingy (village), n.west Madagascar. cf. *Oeceoclades antsingyensis* G.Gerlach 1995.

antunesiana: as *antunesii* (+ belonging to). cf. *Habenaria antunesiana* Kraenzl.

antunesii: among the many given locations, this one is also listed as ex Mozambique. Noted Antunes, a coastal village near the mouth of the Pungwe River, Sofala Prov.(?, but see next entry). cf. *Lissochilus antunesii* Rolfe 1889. syn. *Eulophia angolensis*.

antunesii: of Antunes (see last entry). Listed for place name (+ of) and noted as endemic to Angola, Africa (?). cf. *Eulophia antunesii* Rolfe 1889.

antyx: used in combwds.: margin; rim; edge. Of interest, see *labrum*.

anura: *an*-+*-ura*: not tailed. The floral segments usually end with slender tails, but not with this one. cf. *Masdevallia anura*. syn. *M. molossoides*.

anziensis: for place name (+ from). By the given locations, possibly ref. **Anzi**, a town of Potenza, Basilicata, Italy. cf. *Orchis angustifolia* forma *anziensis* Klinge 1899. syn. *Dactylorhiza traunsteineri* ssp.*traunsteineri*.

Anzybas: D.L.Jones & M.A.Clem.2002: obviously a coined name: A.+ NZ.(: Australia + New Zealand) + the *-ybas* is from the genus, *Corybas*. syn. *Corybas* (+ see *Corybas*).

aondae: for place name (+ of), only listed as ex Venezuela. cf. *Pleurothallis aondae* Carnevali & G.A.Romero 2000.

aops: see *a-*+ see *-ops* (without a face? Quite possible, as many of this genus have bell-like flowers.). cf. *Masdevallia aops* syn. *M. xanthina* ssp.*klabochozum*.

Aorchis: Verm.1972: without testes (tuberoids). ex the Himalayas to China, eg. *Aorchis spathulata* (Lindl.) Verm.

apaganoides: was possibly compared to *Epidendrum apaganum* (+*-oides*: resembling). cf. *Epidendrum apaganoides*.

apaganum: not + see *paganus*. cf. *Epidendrum apaganum*.

Apation: Blume ex Ridl.1886: ref. *apate*: deceit + dimin.: small deception (?). syn. *Liparis* Rich.

Apatostelis: Garay 1979. Ref. *apate*: deceit + see *Stelis*. Noted that Dr.Garay considered it to be different. syn. *Stelis* Sw.

Apatura: maybe a typerror?, see *Apaturia*. Ref. *apate*: deceit + suffix, see *-ura*: deceived; deception. eg. *Apatura senilis*. syn. *Pachystoma pubescens*.

Apaturia: Lindley 1831, see *Apatura*. My refs. say both are syn. to *Pachystoma*. eg.

Apaturia lindleyana Wight 1852. syn. *Pachystoma pubescens*.

apectus: not; without, etc. + *pectus*: chest; breast, and/or ref. *pecten*: comb (?). cf.

Arthrochilus apectus. Noted as endemic to Qld., Aust.

aperta: ref. *apertus*: open; uncover, etc. cf. *Disa aperta*.

apertiflora: open + flower. cf. *Eria apertiflora*.

apertum: as *aperta*. cf. *Dendrobium apertum*.

apetala: without petals. cf. *Disa apetala*. syn. *Brownleea parviflora*.

Apetalon: Wight 1851: *a-*+*-petalon*: without petals. eg. *Apetalon minutum*. syn.

Didymoplexis pallens.

apetalous: without petals.

apetalum: without petals. cf. *Bulbophyllum apetalum*. syn. *Genyorchis apetala*.

apex: ref. *apex*: top; summit; peak; tip, etc. The extreme tip of an organ, or part.

aphan-: used in combwds. Did a separate entry to aid the next items and save much repetition. Ref. *aphanes*: not manifest; not obvious; indistinct; obscure; secret, etc.

Aphananthos: see *aphan-*+ flower. Ref. the very small flowers.= *Oberonia* section.

aphanes: see *aphan-*. Probably because the plant is very small. cf. *Masdevallia aphanes*.

Aphanobulbon: see *aphan-*+ bulb. Appears to be without pseudobulbs.= *Bulbophyllum* section.

aphanobulbon: see last entry. cf. *Bulbophyllum aphanobulbon*.

aphanochilum: see *aphan-*+ lip. cf. *Dendrobium aphanochilum*.

Aphanochilum: see *aphan-*+ lip.= *Dendrobium* section.

aphanopetala: see *aphan-*+ petals. cf. *Chitonanthera aphanopetala* (syn.).

aphanopetalum: see *aphan-*+ petals. cf. *Bulbophyllum aphanopetalum*.

apheles: even; smooth; simple (plain). Ref. the flower. cf. *Bulbophyllum apheles*.

aphototropic: negatively phototropic: growing away from light. Ref. roots "reaching back" to the host (branch, rocks etc.). Even in shade they still turn to darker areas. + See anecdote at *mirbelianum*.

aphrodes: ref. *aphros*: foam + suffix: (as if) foam-like, foamy. cf. *Dracula aphrodes*.

aphroditae: for "beauty", see *aphrodite* (+ of). cf. *Serapias aphroditae*. syn. *S. politisii*.

aphrodite: is simply to express "beauty". Ref. Gk.myth., Aphrodite: goddess of Love & Fertility (Roman equiv.: Venus). ex Taiwan to the Philipp., cf. *Phalaenopsis aphrodite* Rchb.f.1862.

aphtosa (+ have noted it as *aphthosa*): ref. *aphtha* + see -*osa*, has an involved expl. concerning the disease, thrush. Possibly it has many whitish, small rounded swellings (a major symptom of the condition?). cf. *Pleurothallis aphtosa* Lindley 1838.

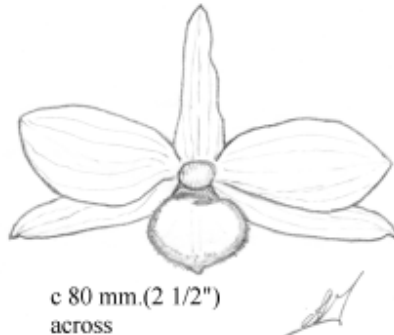
aphylla: without + leaf. cf. *Pterostylis aphylla*. Noted as endemic to Vic. and Tas., Aust.

Aphyllorchis: Blume 1825: *a*-+ *phyll*-+*-orchis*: without + leaf + orchid. eg. *Aphyllorchis queenslandica* Dockrill 1965. Noted as endemic to nth. Qld., Aust.

aphyllous: without leaves.

aphyllum: without + leaf. cf. *Dendrobium aphyllum* (was *Den. pierardii*). Flowers from the older leafless stems, hence: *aphyllum*. See sketch and notes.

Dendrobium sp. aff. *Dendrobium aphyllum*.



Only ever found this the once, but that's no criteria to its availability. I took it home thinking it was *Dendrobium anosmum* and imagine my surprise when it flowered! ex Subitana sawmill area c100 kms., s.east of PM.PNG., at c800m. altitude. I had it happily growing in my bush-house on a slab of tree-fern fibre.

By Prof. Holttum's book (Flora of Malaya Vol.2. Orchids) and my limited understanding, it checked out with *D. pierardii* (now, syn. to *D. aphyllum*). Everything in the description seemed right, except for the colour of the sepals and petals, which were a translucent pale blue, with pink veins. The labellum was OK.: a furry, pale yellow trumpet.

Maybe it's a variety, but it's a long way from where *D. aphyllum* comes from.

aphyllus: without leaves. It does have leaves, but not when flowering. cf. *Praecoxanthus aphyllus*. Noted as monotypic and endemic to West.Aust.

apiatum: ref. *apis*: a bee + suffix: like; having. Noted, the flower spots and blotches were likened to bees. cf. *Odontoglossum apiatum*.

apical: of, or relative to the apex.

apices: plural of apex.

apicula: see apicule, apiculate. cf. *Ophrys* x *apicula* J.C.Schmidt ex Rchb.f.1851.

apiculata: see apiculate. cf. *Thelymitra apiculata*. Noted as endemic to West.Aust.

apiculate: terminating abruptly with a small point. Refs. to the tips: having a small, sharp, not stiff, point. Having, or like an apicule (see this entry).

apiculatum: see apiculate. cf. *Bulbophyllum apiculatum*.

apiculatus: see apiculate. cf. *Sarcanthus apiculatus*. syn. *Micropera pallida*.

apicule: the small projecting point at the apex of an organ, or part, see apiculate.

apiculifera: apicule + bearing. cf. *Cadetia apiculifera*.

apiculiferum: see apicule + bearing. cf. *Dendrobium apiculiferum*. syn. *Cadetia apiculifera*.

apiculus: descwd., see apicule, apiculate.

apifera: ref. *apis*: a bee + *-fer*: bearing. Refs. to a flower, looks like it has a bee in the centre. One of the famous “bee-orchids”. cf. *Ophrys apifera*.

apiferum: bees + bearing. Noted from the discussion, the inflo. was likened to a small swarm of bees. cf. *Bulbophyllum apiferum*.

apiformis: bee + shape. Alluding to a flower. cf. *Ophrys apiformis*. syn. *O. scolopax*.

apiformoides: bee + shape + resembling. cf. *Ophrys fuciflora* var. *apiformoides*. syn. *O. holoserica*. Of interest, see *fuciflora*.

apinnula: without + small feather; wing. cf. *Chloraea apinnula*.

Apista: Blume 1825, ref. *apistos*: doubting; distrust; disbelief, etc. ex westn. Malesia, eg. *Apista tenuis*. syn. *Podochilus tenuis*.

Apista: see *Apista* = *Podochilus* section.

Apectra: Raf.1824: *a-* + see *plecto-*: without + spur. syn. *Apectrum*.

Apectrum: Nutt.1818: without spur. eg. *Apectrum hyemale*. Noted as monotypic to nth. America.

Aplostellis: Thouars 1822, ref. (*h*)*aploos*: single; simple + ref. *stello*: equip; array, etc., ex *stellein*: to equip; furnish: simply furnished. Possibly because it's monanthous (having one flower). eg. *Aplostellis punctata*. syn. *Nervilia punctata*.

aplostellis: as *Aplostellis*. cf. *Stellorkis aplostellis*. syn. *Nervilia petraea*.

Apocyanaceae: a family of trees, an entry for cross-reference, see frangipani. Of interest it translates as, ref. *apo*: off; from; after; away; separate; without, etc. + see *cyan-*: blue + the suffix, *-aceae*: indicates the rank of, family.

apoda: without + foot: footless (: sessile) + see *apodum*. cf. *Phyllorchis apoda*. syn. *Bulbophyllum apodum*.

Apodae: footless. Ref. the (almost) non-existent column-foot: *Trichosalpinx* subgenus *Tubella* section *Apodae*.

Apoda-prorepentia: (Luer) Luer 2004: footless + creeping forward + of. syn. *Pleurothallis* R.Br.

apodum: footless. It appears to be without a pseudobulb. cf. *Bulbophyllum apodum*.

apoense: from Mount Apo, an active volcano of Mount Apo N.Park, s.east Mindanao, Philipp. cf. *Dendrochilum apoense* T.Hashim.1981.

apoensis: as *apoense*. cf. *Trichoglottis apoensis* T.Hashim.1991.

apollinaris: freely trans.: (as if) without pollen. cf. *Orchis* x *apollinaris* W.Rossi et al 1992.

apollinis: *a-*: without + *pollinis*: pollen (see “P”). cf. *Malaxis apollinis*.

apolloniensis: from Apollonía, a town of Thessaloníki, central Macedonia, Greece. cf. *Ophrys* x *apolloniensis* H.Baumann & Künkele.

apomicta: see apomictic. cf. *Nigritella nigra* forma *apomicta*.

apomictic, apomixis: *apo-*: apart; away; separate + ref. *mixis*: mingling. Any form of asexual reproduction. ie. Having fertile seeds, without needing external fertilization.

apor-, *aporo-*: used in combwds., ref. *aporos*: poor; hard to find. Can also be, *a-*: without, etc, + ref. *poros*: opening; hole; passage. + Ref. *aporia*: difficulty, ex *aporema*: question; doubt, etc.

aporina: see *apor-* + see *-ina*: of; like, etc. cf. *Trichotosia aporina*.

Aporodes: see *apor-* + suffix: resembling. = *Eria* and *Bromheadia* sections.

aporodes: see *apor-* + like; resembling. cf. *Pinalia aporodes*.

aporoides: see *apor-* + resembling, or it resembled *Aporum* (?). cf. *Epidendrum aporoides*.

aporophylla: see *apor-* + leaf. cf. *Oberonia aporophylla*.

Aporopsis: see *Aporum* + see *-opsis*: appearance. = *Dendrobium* subgenus.

Aporopsis: (Schltr.) M.A.Clem. & D.L.Jones 2002: as last entry. syn. *Dendrobium* Sw.

Aporostylis: Rupp & Hatch 1946. See *apor-*, here is probably: poor; hard to find + see style: column. eg. *Aporostylis bifolia*. Noted as monotypic and endemic to NZ.

Aporum: Blume 1825. See *apor-*, and/or one major ref. says: without (an) opening and that it's the same as the Eng. word: impenetrable, alluding to its (impenetrable) jungle habitat (?). eg. *Aporum serra*. syn. *Dendrobium aloefolium*.

Aporum: see *Aporum*. = *Dendrobium* section.

aporum: see *apor-*. cf. *Epidendrum aporum*.

Apostasia: Blume 1825: *apo-*: apart; away; separate + ref. *stasis*: a standing. Also reported as the one word, ref. *apostasis*: departure from; separation; divorce. Noted that the name is suggestive that it should be kept as a separate identity, because it is "different". ex Peninsula Malaysia, eg. *Apostasia latifolia*.

Apostasiaceae: see *Apostasia* + suffix denotes it's a family.

Apostasiaeae: see *Apostasia* + suffix, denotes it's a tribe.

Apostasiinae: see *Apostasia* + suffix, denotes it's a subtribe.

Apostasioideae: see *Apostasia* + suffix, denotes it's a subfamily.

apostasioides: see *Apostasia* + resembling. cf. *Genoplesium apostasioides*. Noted as endemic to NSW., Aust.

Apostostelis: see *Apostasia* + *Stelis*: (a) separate *Stelis* (as "different"?). syn. *Stelis*.

apoxychilum: see *apoxys* + lip. cf. *Prasophyllum apoxychilum* D.L.Jones 1998. Noted as endemic to Tas., Aust.

apoxys: lit., tapering off. cf. *Pleurothallis apoxys*. syn. *P. supervacanea*.

apparitio: appearance; ghost; apparition. cf. *Masdevalia apparitio*.

appendages: a general term for some small extra parts that project from the column, or floral segments. Their main function is as a visual enticement, to make the flower more attractive to an insect pollinator, or can be strategically located to entice, or guide the insect to the anther and stigma areas. Usually there is more than one, can be smooth, rough, hairy, differently coloured and of many shapes and sizes. Often a small group can form a structure, or process that aids the flowers by appearing to be the same insect (or part of it) that it is wanting to attract. + See calli, mimicry, paleae, pseudo-copulation.

appendices: is the plural for appendix. Noted, it can be the same as appendages except the parts are most likely to be hanging, or pointing downwards (and inwards).

Appendicula: Blume 1825: small appendage. Ref. the calli of the labellum. ex Sumatra to the Philipp., eg. *Appendicula alba*.

appendicula: small appendage. Noted that the plant was also likened to an *Appendicula* species. cf. *Dendrobium appendicula*.

appendiculata: small appendages + suffix: like; having. Alludes to the caruncles (see caruncle). cf. *Eria appendiculata*.

appendiculate: having, or like a small appendage.

appendiculatum: as *appendiculate*. cf. *Prasophyllum appendiculatum*. syn. *P. affine*. Noted as endemic to eastn. Aust.

appendiculatus: as *appendiculata*. cf. *Sarcanthus appendiculatus*. syn. *Cleisostoma appendiculatum*.

appendiculifera: small appendages +, see -fer: bearing. cf. *Trichoglottis appendiculifera*. syn. *T. smithii*.

appendiculiforme: as *Appendicula*, or small appendage (?) + shape; form. cf. *Dendrobium appendiculiforme*. syn. *D. distachyon*.

appendiculoides: *Appendicula* + resembling, or small appendages + resembling (?). cf. *Agrostophyllum appendiculoides*.

Appendiculopsis: (Schltr.) Szlach.: *Appendicula* + see -opsis: looks like an *Appendicula*.. syn. *Agrostophyllum* Blume.

Appendiculopsis: as last entry.= *Agrostophyllum* section.

applanata: as *applanatus*. cf. *Caladenia applanata*. Noted as endemic to West.Aust.

applanatus: descwd., flattened; levelled. Mostly used when an organ, or part should normally be curved, or bent and is (almost) perfectly flat.

appletoniana: belonging to Appleton, see *appletonianum*. cf. *Cordula appletoniana* (Gower) Rolfe 1912. syn. *Paphiopedilum appletonianum*.

appletonianum: listed for noted grower W.M.Appleton of Eng., first to flower it. ex Hainan Island to Indo-China, cf. *Paphiopedilum appletonianum* (Gower) Rolfe 1896.

applicata: ref. *applicatus*: attached (to); connected. cf. *Appendicula applicata*. syn. *A. polystachya*.

apposita: ref. *appositus*: proper; correct; appropriate; fit. cf. *Pleurothallis apposita*.

appressa: see *appressed*. cf. *Pachites appressa*.

appressed: sometimes spelled, *adpressed*. Pressed up against, but not united with and lying flat the full length.

appressicaule: *appressed* + stem; stalk. cf. *Bulbophyllum appressicaule*.

appressifolia: *appressed* + leaf. cf. *Luisia appressifolia*.

appressum: see *appressed*. cf. *Bulbophyllum appressum*.

apprimus: see *a-(ap-)* + *primus*: first, etc.: not the first; not the best. cf. *Acianthus apprimus*. syn. *Acianthus fornicatus*.

approximate: *ap-* + *proximus* + suffix: being nearest to. Mostly, for us it means: in very close proximity of each other, but not joined.

approximatum: as *approximate*. cf. *Bulbophyllum approximatum*.

appurtenance(s): an extra; accessory; adornment, etc. I wouldn't use this word for parts to any flower as it may look a useless embellishment to us, but for the flower it's there for a very good reason.

aprica: ref. *apricus*: exposed to the sun; (of) an open sunny area. cf. *Stelis aprica*.

apricorum: see *aprica* + of. cf. *Orchis fragrans* var. *apricorum*. syn.= *O. fragrans*.

apricus: see *aprica*. cf. *Cyclopogon apricus*.

aprina: ref. *aprinus*: of wild boar. cf. *Cadetia aprina*.

aprinoides: see *aprina* + resembling. Or, was possibly compared to *Cadetia aprina* (?). cf. *Cadetia aprinoides*.

aprinum: as *aprina*. cf. *Dendrobium aprinum*. syn. *Cadetia aprina*. Noted as endemic to Papua, Indon.

aptenodytes: freely trans.: not feathered, or winged. cf. *Liparis aptenodytes*.

aptera: as *apterum*. cf. *Rhynchostele aptera*.

apterum: see *a-*+ ref. *pteron*: not winged. Ref. the column. cf. *Lemboglossum apterum*. syn. *Rhynchostele aptera*.

apuahuense: as *apuahuensis*. cf. *Epidendrum apuahuense* Mansf.1930. syn. *Prosthechea apuahuensis*.

apuahuensis: for place name (+ from), only listed as ex nthn. Brazil. cf. *Prosthechea apuahuensis* (Mansf.) M.E.Berg 2001.

apud: Lat. phrase sometimes seen in discussions: in the writings of. eg., "... it is *Cypripedium himalaicum* Rolfe *apud* Hemsl." (Dr.Hemsley clearly puts the onus onto Dr.Rolfe).

apulica: belonging to Apulia, a region of s.east Italy. cf. *Ophrys fuciflora* ssp.*apulica* O.& E.Danesch 1969. syn. *Ophrys holoserica*..

apus: descwd., *a-*+*-pus*., lit.: not footed (: sessile). Trivium, *apus* is also a kind of swallow (bird).

aquaticoides: see *aquaticum* + resembling. Or, it may have been compared to *Epidendrum aquaticum* (+ *-oides*?). cf. *Epidendrum aquaticoides*.

aquaticum: ref. *aquaticus*: living in, or very near to water; a very wet habitat. Can also ref. to being very humid. cf. *Epidendrum aquaticum*.

aquea: see *aqueum*, *aqueus*. cf. *Callista aquea*. syn. *Dendrobium aqueum*.

aqueum: listed as not a true colour term, but as: a watery pale green. cf. *Dendrobium aqueum*.

aqueus: descwd. I was reading about glandular excretions and my ideas got very involved. Have since learned it simply means: clear (as, water) with a slight greenish tinge.

aquilana: ref. L'Aquila (+ belonging to), a city of central Italy. cf. *Ophrys x aquilana* H.Baumann & Künkele 1997.

aquilonis: lit., north wind (can be north, northern). Listed as ex Illinois state, USA. cf. *Platanthera aquilonis* Sheviak 1999.

aquilus: lit., swarthy; dun; blackish; dark-coloured. cf. *Arthrochilus aquilus*. Noted as endemic to Qld., Aust.

aquinii: listed for Francisco d'Aquino (+ of). ex Brazil, cf. *Cattleya aquinii* Barb.Rodr.1891. syn. *Cattleya intermedia*.

aquinoana: belonging to Aquino. May be for a place name, but also see *aquinii*. ex Rio Grande do Sul state, Brazil, cf. *Stelis aquinoana* Schltr.1925.

aquinoi: as *aquinoana*. ex Brazil, cf. *Phymatidium aquinoi* Schltr.1925.

aquisgranensis: listed as Lat'd. spelling for place name: from Aachen, a west German city: *Bad Aachen* (: Aachen Bath in English, and in French: *Aix-La-Chapelle*). Was

important to the ancient Romans for the hot sulphurous springs and they called it *Aquisgranum*, after the god of hot springs, *Apollo Granus*. The specep. is an oblique ref. to where it was found. cf. *Ophrys aquisgranensis* Kaltenb. 1850. syn. *O. apifera*.

arabica: is listed as the correct specep. for: belonging to Arabia (*arabicus*). Noted, this species was found in the Republic of Yemen, s.west Arabian Peninsula c1888. cf. *Bonatea arabica* (Deflers) Cortesi 1905. syn. *B. steudneri*.

arabicus: same as *arabica*. cf. *Lissochilus arabicus* Lindley 1833. syn. *Eulophia streptopetala*.
x *Aracampe*: auct. On the syn. list, cf. *Acampe* x *Arachnis*.

arachmites: spider + small, or may be for a spider-mite (?). cf. *Camaridium arachmites*.

arachn-: ref. *arachne*: a spider. Used in combwds. and for us, is for something to do with a spider. + See arachnid, arachnoid.

x *Arachnadenia*: Garay & H.R.Sweet. On the syn. list, cf. *Arachnis* x *Seidenfadenia*.

Arachnangraecum: spider + *Angraecum*. = *Angraecum* section.

arachnantha: spider + flower, cf. *Jumellea arachnantha*.

Arachnanthe: Blume 1849: spider + flower. Listed as ref. to the veins likened to cobwebs. ex Borneo, eg. *Arachnanthe lowii*. syn. *Dimorphorchis lowii*.

arachnanthe: spider + flower. cf. *Dendrobium arachnanthe*. syn. *D. discolor*. Pers.coll., common ex PM.PNG., see notes at *discolor*.

arachnanthus: as *arachnantha*. cf. *Aeranthes arachnanthus*. syn. *Jumellea arachnantha*.

Arachnaria: Szlach. 2003: of spiders. Ref. the flowers. syn. *Habenaria* Willd.

arachne: spider. cf. *Diplocaulobium arachne*. syn. *D. stenophyton*.

arachnid: any one of the class of insects: *Arachnida*. Where the word starts with *arachn-*, could be ref. to the order of spiders: *Araneae*, or those like the "daddy-longlegs": *Phalangida*. + See arachnoid.

arachnidium: small spider, or ref. *arachnidion*: small cobweb (?). + See arachnoid. cf. *Bulbophyllum arachnidium*.

arachnifera: spider + bearing. Refs. to a flower, likened to a spider. cf. *Malaxis arachnifera*. syn. *M. ehrenbergii*.

arachnion: small spider, or can be: a cobweb (?). cf. *Lepanthes arachnion*.

Arachnis: Blume 1825: (of) a spider. An allusion to the flowers being spider-like. eg. *Arachnis beccarii*. Rchb.f. 1886. Pers.coll., ex PM.PNG.

arachnis: spider. cf. *Ophrys arachnis*.

Arachnites: F.W.Schmidt 1793: spider + suffix: of; belonging, or relative to. Noted, that the lip could be likened to a spider's body. eg. *Arachnites lutea*. syn. *Ophrys lutea*.

arachnites: spider + of. An allusion to the spider-like flower. cf. *Thrixspermum arachnites*. Pers.coll., common ex PM.PNG.

arachnitiflora: spider + belonging to + flower. cf. *Maxillaria arachnitiflora*.

arachnitiforme: as *arachnitiformis*. Probably refs. to a flower (shape), as many of this species could be alluded to being spider-like. cf. *Thrixspermum arachnitiforme*.

arachnitiformis: spider + belonging to + shape. Listed as ref. the labellum. cf. *Ophrys exaltata* ssp. *arachnitiformis*.

arachnitis: spider + suffix: of; belonging, or relative to. cf. *Renanthera arachnitis*. syn.

Arachnis flosaeris.

x *Arachnocentron*: auct. On the syn. list, cf. ***Arachnis* x *Cleisocentron***.

Arachnochilus: spider + lip.= *Oberonia* section.

arachnoglossum: spider + tongue. cf. *Dendrobium arachnoglossum*.

x *Arachnoglossum*: auct. Not as last entry. On the syn. list, cf. ***Arachnis* x *Ascoglossum***.

arachnoid: arachnid + like. Of, resembling, or having the shape, or form of a spider (+ see arachnid). Many species are alluded to having spider-like flowers, or having some part(s) spider-like, or parts of their bodies, or webs for the veining, etc. (ref. *arachnion*: a spider's web + see *arachnoideus*). Also note many speceps. beginning with *aran-*, *phalangi-*, which are also to do with spiders (+ see arachnid).

arachnoidea: spidery, + see arachnoid. Ref. the labellum and its thread-like parts. cf.

Malaxis arachnoidea.

arachnoides: spider + resembling. cf. *Ophrys arachnoides*.

arachnoideum: see arachnoid + of. cf. *Diplocaulobium arachnoideum*. Pers.coll., common ex PM.PNG.

arachnoideus: descwd., was in an English description and was interpreted as: cobweb-like, without any other qualifying words. I checked everything and it had to be for the veining, as I couldn't find anything else that was "spider-like". + See next entry.

arachnoideus: as last entry. cf. *Corybas arachnoideus*.

arachnopsis: spider + appearance. cf. *Pleurothallis arachnopsis*.

x *Arachnopsis*: auct. Not as last entry. On the syn. list, cf. ***Arachnis* x *Phalaenopsis***.

arachnopus: spider + foot; footed. cf. *Aerangis arachnopus*.

Arachnorchis: D.L.Jones & M.A.Clem.2001: spider + orchid. syn. *Caladenia* R.Br.

arachnostachyum: spider + spike (: raceme, or cluster, see *stachy-*), or "a cluster of spiders" (?). cf. *Dendrobium arachnostachyum*. syn. *D. macranthum*.

x *Arachnostylis*: auct. On the syn. list, cf. ***Arachnis* x *Rhynchostylis***.

Aracho: ref. *arakos*: bean. Ref. the capsule. eg. *Aracho aromatico* (: a perfumed bean. Good one). syn. *Vanilla planifolia*.

aragoana: cf. *Nervilia aragoana* Gaudich.1829. I was always totally frustrated by this specep. as every ref. I have seen, as to the origin, or etym. for the name, either said: "unknown", or nothing at all. Couldn't leave it out, as it's listed as the type for the genus *Nervilia*, which is extremely widespread. My theory is the author, whilst on an expedition on the French vessel "Uranie", to the Pacific Islands, found it and named it for Mt.Arago of New Caledonia + see *-ana*: (Mt.) Arago + belonging to.

araguaiensis: from the Rio Araguaia (aka. Araguaya), Brazil. This species is listed as ex Goiás state, cf. *Cattleya araguaiensis* Pabst 1967.

araguensis: for place name (+ from), listed as ex Venezuela. Ref. Aragua state, and/or ref. Aragua de Barcelona, a minor city of Anzoátegui state (?). cf. *Pleurothallis araguensis* Ames 1922. syn. *P. lindenii* Lindley 1843.

aramaeorum: belonging to the Aramaeans. Aram was an ancient country, listed as now from the region of Syria. An oblique ref. to where this species was found (?). cf. *Ophrys aramaeorum* P.Delforge 2000. syn. *O. holoserica*.

x *Aranda*: auct. On the syn. list, cf. *Arachnis* x *Vanda*.

x *Arandanth*: auct. On the syn. list, cf. *Arachnis* x *Euanthe* x *Vanda*.

araneifera: ref. *aranea*: spider + see *-fer*: bearing. cf. *Ophrys araneifera*.

araneiflora: spider + flower. cf. *Habenaria araneiflora*.

araneola: ref. *aranea* + suffix: small spider. An allusion to a flower. cf.. *Liparis araneola*.

araneosus: descwd.. See *arachnoideus*, had the same problem with this one. The word was interpreted as: cobweb-like.

araneum: of a spider. cf. *Dendrobium araneum*.

aranifera: ref. *aranea*: spider + see *-fer*: bearing. cf. *Ophrys aranifera*. syn. *O. sphegodes*. Of interest, one says it's for a spider and the other, for a wasp (see *sphegodes*).

araniferiformis: spider + bearing + shape; form. cf. *Ophrys* x *araniferiformis* Dalla Torre & Sarnth.1906.

araniferum: as *aranifera*. cf. *Bulbophyllum araniferum*. syn. *B. stormii*.

x *Ananthera*: auct. On the syn. list, cf. *Arachnis* x *Renanthera*.

aratanhensis: for place name, listed as ex n.east Brazil. (Aratanhe? + from). cf. *Erythroxylon aratanhensis* (Barb.Rodr.) Ames 1922.

aratriferum: not sure, *-ferum* is OK.: bearing. But, *aratri-*, could be ref. *aratrum*: plough, or ex *arare*: to plough. So, is it bearing some part(s) likened to a plough, or does it have grooves and ruts, as if ploughed (?). cf. *Diplocaulobium aratriferum*.

araucana: listed for place name (+ belonging to) and comes from Chile to Argentina. Noted, Arauco (village) of La Rioja Province, Argentina (?). cf. *Asarca araucana* Phil.1857.

araucaricola: cf. *Dendrobium araucaricola*. This generic name is considered to be *nomen nudum* (see "N") and therefore invalid. However, ref. *Araucaria*: hoop-pine (tree, of the family: *Araucariaceae*) + resident; dweller.

arborescens: see arborescent. cf. *Jumellea arborescens*.

arborescent: ref. *arborescens*: becoming tree-like; branching.

arboricola: ref. *arbor*: tree, or could be a contraction of *arboretum*: a place with trees + dweller; resident. Could also be the same circumstance as *Macodes dendrophila* (see *dendrophila*). cf. *Malaxis arboricola*.

arbuscula: as *arbusculum*. cf. *Lepanthes arbuscula*.

arbusculoides: as *arbusculum* + resembling. Or, may have been compared to *Pleurothallis arbuscula* (?). cf. *Pleurothallis arbusculoides*. syn. *Trichosalpinx arbuscula*.

arbusculum: a small tree. (Also means: small woods; small wooded areas.). cf. *Epidendrum arbusculum*.

arbuthnotiana: Arbuthnot + belonging to. Listed for noted grower W.N.Arbutnot of Bexley, Eng., first to flower it. ex India, cf. *Vanda arbuthnotiana* Kraenzl.1892.

arcaniflorum: ref. *arcane*: secret; hidden; closed + flower. cf. *Bulbophyllum arcaniflorum*.

arch-, *arche-*, *archeo-*, *archi-*: ref. *arche*: beginning. Used in combwds.: main; chief; original; prime; first; earliest, etc. Also can mean: old; ancient, etc.

Archaeotochilus: ref. *archaios*: ancient; very old + like + lip. = *Restrepia* section.

archeri: listed for orig.coll., William H.Archer (1820-1878), an amateur botanist and authority on the flora of Tas., Aust. Noted he was given the recognition he deserved in J.D.Hooker's "Tasmanian Flora". cf. *Genoplesium archeri* (Hook.f.) M.A.Clem. & D.L.Jones. Listed as endemic to eastn. Aust.

archicolonae: for place name (+ of), only listed as ex Panama. It may be: first, + (of) Colón, ref. Colón Prov., Panama, where it was first* found (**archi*:- first). cf. *Pleurothallis archicolonae* Luer 1976.

archidonae: of Archidona, a minor city of Napo Prov., Ecuador. cf. *Pleurothallis archidonae* Lindley 1859.

archidonopsis: see *archidonae* + appearance. Probably, was likened to *Pleurothallis archidonae*. cf. *Pleurothallis archidonopsis* Luer & Hirtz 1999.

archiducis-joannis: one ref. suggests this is Lat'd. spelling for **John** [**Archduke** of Austria] (1782-1859). Besides being leader of the Austrian armies and then regent of Germany, it is also noted, he was an advocate and patron of the sciences. cf. *Gymnadenia archiducis-joannis* Teppner & E.Klein 1998.

archimedeae: this could infer, it's truly enchanting, or bewitching. See *arch*-+ ref. Medea, a sorceress of Gk.myth., a major character in the legend of Jason and the Argonauts. One ref. suggested it's to honour Archimedes (+ of, with no further info.). A very famous mathematician, inventor and physicist (287-212BC.), he was born in Syracuse, Sicily and the specep. may also be an oblique ref. to where this species was found (as it is from Sicily). cf. *Ophrys archimedeae* P.Delforge & M.Walravens 2000. syn. *O. sicala* (see *sicala*, ref. *siculus*: of Sicily).

Archineottia: S.C.Chen 1979. See *arch*-+ see *Neottia*. syn. *Neottia* Guett.

archioides: see *arch*-+ resembling, cf. *Satyrium archioides*. syn. *Stenorhynchus lanceolatus*.

archipelagi: listed for the region where it was first found. Ref. *archipelagus*: (of) the Aegean Islands, eastn. Mediterranean Sea. cf. *Ophrys archipelagi*.Golz & Reinhard 1986. syn. *O. sphegodes*.

archipelagense: for place name (+ from). Refs. to the Bismarck Archipelago, PNG. cf. *Dendrobium archipelagense* Howcroft & W.N.Takeuchi 2002.

Archivea: Christenson & Jenny 1996. eg. *Archivea kewensis*. Is listed as monotypic and orig. may be ex Brazil (?). Haven't read about this one and would have left it out except for the specep., *kewensis* (from the RBG., Kew). It's fairly obvious some very astute person found the specimen and records amongst the archives and thought it worth investigation. Of interest, archive is ref. *archivum*, but noted one ref. says it's ex *archeion*: town hall, or similar place of public information.

archytas: an enigma this one. The only ref. I have is to Archytas: a Pythagorean philosopher of Tarentum, Greece (?). An important clue for this etym. expl. is that, in the old way, authors spell it as *Archytas* (capital "A") which means it is from a proper noun (: name). Orig. desc.x Ridley 1891 as *Saccolabium Archytas*, was t/fd. by Schltr. to *Sarcochilus* and then by Garay to: *Brachypeza archytas* (Ridley) Garay 1972, ex Christmas Island. The listing doesn't specify which one,

but by the publication of the original name, it has to be the Australian dependency, south of the westn. tip of Java.

arciensis: from Arci (: Chichka), a town of n.east Afghanistan, near the Tajikistan border.
cf. *Ophrys* x *arciensis* Bartolo & Pulv.

arctata: ref. *arctus*: straight; narrow; confined; close, etc. + suffix: like, etc. cf. *Hexisea arctata*.

arcticum: ref. *arktikos*: of, or belonging to the north. cf. *Orchidium arcticum*. syn. *Calypso bulbosa* var. *bulbosa*.

arcuata: see arcuate. Ref. the raceme. cf. *Oberonia arcuata*.

arcuate: ref. *arcus*: a bow + suffix: arched; curved; bowed; bow-like, etc.

arcuatilabium: see arcuate + lip. cf. *Bulbophyllum arcuatilabium*.

arcuatum: see arcuate. cf. *Dendrobium arcuatum*.

arcuatus: see arcuate. cf. *Eurycaulis arcuatus*. syn. *Dendrobium arcuatum*.

arcuiferum: see arcuate + see -fer: bearing. cf. *Dendrochilum arcuiferum*.

arcuiflorum: see arcuate + flower. cf. *Epidendrum arcuiflorum*. syn. *E. powellii*.

arcuigera: see arcuate + see -ger: bearing. cf. *Brassia arcuigera*.

ardens: glowing; burning; sparkling. cf. *Epidendrum ardens*.

ardesiacus: listed as an obscure colour term: slate coloured; a brownish-grey.

ardjunense: for place name (+ from), only listed as ex east Java, Indon. cf. *Bulbophyllum ardjunense* J.J.Sm.1927.

arduennensis: listed as Lat'd. spelling for place name: from Ardennes, nthn. France. cf. *Dactylorhiza maculata* ssp. *arduennensis* (Zadoks) Tournay. syn. *D. maculata*.

-ara: a suffix, to which I have no reference. First noted it used with proper nouns that are crosses (hybrids) on the syn. list (see "S"). Has to be newly adapted, as I have not seen it in any of the many books and papers, I've read. Logically, it probably denotes "possession", etc., so I've had a guess and said: of, or belonging to.

-are, -aria, -aris, -arium, -arius: used in combwds.: of; relative to; possession; a place for; where something happens; an action, or (being) capable of an action; the quality, state, or condition (of).

arechavaletae: could be for a place name (+ of). Also ref. phytologist and author, José Arechavaleta (1838-1912). Descs. accr. to him are abbr. to: Arech., or Arechav. ex Brazil to Argentina, cf. *Chloraea arechavaletae* Kraenzl.1888. syn. *Geoblasta penicillata*.

arechavaletanii: see *arechavaletae* (?). ex Brazil to Uruguay, cf. *Skeptrostachys arechavaletanii* (Barb.Rodr.) Garay 1982.

arechavaletsanii: see *arechavaletae*. cf. *Stenorrhynchos arechavaletsanii* Barb.Rodr.1907. syn. *Skeptrostachys arechavaletanii*.

arenaceous: ref. *arena*: sand + suffix: of; like; relative to. Seen in discussions, mostly refs. to a habitat of some terrestrials, growing in sand, or arenaceous soil. + See *arenaria*.

arenaria: ref. *arena*: sand + see -are (-aria): where something happens. In this case, it likes to grow in sandy areas. cf. *Caladenia arenaria*. Noted as endemic to NSW., Aust.

arenarium: as *arenaria*. cf. *Calonema arenarium*. syn. *Caladenia arenaria*.

arenarius: as *arenaria*. cf. *Lissochilus arenarius* syn. *Eulophia cucullata*.

Arenathus: at first, I thought it's a typ.error for *arenanthus*. But, is ref. *arena*: sand + .ref. *ather*: spike. eg. *Arenathus calceolus*. syn. *Angraecum calceolus*.

arenicola: ref. *arena*: sand + resident; dweller. cf. *Pterostylis arenicola*. Endemic to Sth.Aust.

areola (sing.), *areolae* (pl.): ref. *area* + *-ola*: a small open space; a small gap. For us, usually refs. to the small space between veins, etc. + See areolate.

areolata: see *areola*, *areolate*. cf. *Pterostylis areolata*. Noted as endemic to NZ.

areolate: see *areola*. Marked by, or divided into *areolae*. Having small spaces delineated by veins, furrows, stripes, etc., usually angular. Focusing on the lines and not the gaps, the pattern formed is ref. to as tessellate, or scalariform (see these entries).

Arethuantha: Finet 1897, see *Arethusa* + flower. This may have been a typ.error (?), see *Arethusantha*.

Arethusa: L.1753. Every ref. I've seen lists this as simply for the Gk.myth. without further info. *Arethusa* was a lovely young hand-maiden who was changed into a river that went underground. The goddess Artemis did this to save her from the unwanted attentions of the river-god, Alpheus. (There's a lot more to this story and it's a good one) *Arethusa* is also for a place name: Syracuse, which was close to famous salt springs, coming from underground. Once a powerful city on the s.east coast of Sicily, from c730 BC. to when it was destroyed by the Saracens c878 AD. What has this to do with the genus *Arethusa*? The region it comes from (s.eastn. Canada and n.eastn. USA.) has famous salt springs, from underground and the association is an oblique ref. to Syracuse, of Sicily (to the salt springs, as *Arethusa* resurfacing) and *Arethusa* (for the charming myth). Incidentally, Syracuse, part of New York, was once called *Arethusa* and the monotypic species, *Arethusa bulbosa*, comes from relatively near to this region.

arethusa: possibly for some likeness to *Arethusa*. cf. *Brachionidium arethusa*.

Arethusantha: Finet 1897: see *Arethusa* (probably for "beauty") + flower. ex the Himalayas to China, eg. *Arethusantha blettioides*. syn. *Cymbidium longifolium*.

Arethuseae: see *Arethusa* + suffix denotes it's a tribe.

Arethusinae: *Arethusa* + suffix denotes it's a subtribe.

arevaloi: may be for a person's name, and/or a place name (+ of *). Among the given locations, it's listed as ex Guatemala and could ref. to José Juan Arévalo, a Prof. of philosophy and later (1944) President of Guatemala (?). cf. *Pleurothallis arevaloi* Schltr.1924. syn. *P. gobyi*. *Also noted another with the same specep., same date and by the same author, (only) ex Colombia, cf. *Rodriguezia arevaloi* Schltr.1924.

arfakana: see *arfakense* (with different suffix: belonging to). cf. *Calanthe arfakana* J.J.Sm.1913.

arfakense: from the Arfak Range, Vogelkop Peninsula, Papua, Indon. cf. *Dendrobium arfakense* J.J.Sm.1913. syn. *Cadetia arfakensis* (J.J.Sm.) Schltr.1922.

arfakensis: as *arfakense*. cf. *Octarrhena arfakensis* J.J.Sm.1913. syn. *O. angraecoides*.

arfakianum: belonging to the Arfak Range, see *arfakense*. cf. *Bulbophyllum arfakianum* Kraenzl.1904. Pers.coll., see sketch and notes at *Bulbophyllum*.

argensii: may be for a person's name. Also ref. Argens, a town and/or the Argens River, both of Alpes de Haute Provence, Provence-Alpe Côte d'Azur, sthn. France. cf. *Serapias nurrica* ssp.*argensii* M.& O.Gerbaud 1997.

argensonensis: from Saint-Pierre-d' **Argençon**, a town of Hautes-Alpes, Provence-Alpes-Côte d'Azur, France. cf. *Ophrys argensonensis* J.-C.Guérin & A.Merlet. syn. *O. sphegodes*.

argent-, *argenti-*: used in combwds., ref. *argentum*. Can be: of silver; like silver; silvery; silver.

argentaceus: descwd., of silver; silvery + suffix: like, etc. Not really a colour term (for this, see *argenteus*).

argentaria: I thought it to be: silver + of; like, or having. But it refs. to where it was first found. Noted as ex Monte Argentario (peninsula), west coast Tuscany, Italy. cf. *Ophrys argentaria* Devillers-Tersch.& Devillers 1991. syn. *O. sphegodes*.

argentariensis: as *argentaria* (+ from). cf. *Ophrys* x *argentariensis* Ruppert.

argentarii: may be for a person's name, but also see *argentaria*. Listed as ex Italy, cf. *Orchis* x *argentarii* G.Keller.

argentata: see *argentatus*. cf. *Stelis argentata*.

argentatus: descwd., *argent-*: silver + suffix: silvered; silvery; like silver.

argentea: see *argenteus*. cf. *Aspidogyne argentea*.

argenteo-reticulata: see *argent-*+ see *reticulate*: having a network of silver. Ref. the very beautiful leaves. A physurid, or "jewel orchid" (see "P" and "J"). cf. *Macodes petola* var. *argenteo-reticulata*. syn. *M. petola* var. *javanica*.

argenteostriata: see *argent-*+ see *stria*, *striate*. Ref. the beautiful silvery striped leaves. cf. *Calanthe argenteostriata*.

argenteous: like silver; silvery.+ See *argenteus*.

argenteus: + a colour term: silvery. A faintly metallic, pale bluish silvery-grey.

argenteus: as last entry. cf. *Anoectochilus argenteus*. syn. *Aspidogyne argentea*.

argentina: without any suffix, this is ref. *argent*+*-ina*: like silver; silvery. cf. *Eulophia argentina* (Rolfe) Schltr.1915. syn. *E. ruwenzoriensis* (which is in Africa, see "R"). Among many locations, *Eulophia* is listed as ex **Argentina** (and of interest, it's also noted to be from five different countries in Africa). Also noted, ex Bolivia to **Argentina**, *Sacoila argentina*, but from synonyms, here the specep. means: like silver; silvery.

argentinense: from Argentina. cf. *Epidendrum argentinense* Speg. syn. *Encyclia argentinensis*.

argentinensis: from Argentina. cf. *Encyclia argentinensis* (Speg.) Hoehne 1952.

argentinum: see *argentina*. This species is listed as: from nthn. Argentina, cf. *Stenorrhyncos argentinum* Griseb.1879. syn. *Sacoila argentina* (Griseb.) Garay 1982.

argentistriata: see *argent-*+ see *striate*: striped, etc. cf. *Vrydagzynthia argentistriata*.

argentopunctata: silver + dotted. cf. *Liparis argentopunctata*.

argentosa: silver + see *-osa*: with much silver; full of silver. cf. *Platystele argentosa*.

argiense: listed as a publishing error for *angiense*. cf. *Dendrobium argiense* J.J.Sm.1913.

argillaceus: descwd., ref. *argilla*, *argillos*: clay + suffix: clayey. Can be: growing in, or on clay. + As a colour term: a dirty yellowish-white.

argillosus: descwd.: (ref. *argillos*) full of clay; clayey. Refs. to the colour, or can be for a plant's habitat. See *argillaceus*.

argocalla: silvery + see *calli*. cf. *Caladenia argocalla*. Noted as endemic to Sth.Aust.

argocallum: as *argocalla*. cf. *Calonema argocallum*. syn. *Caladenia argocalla*.

argolica: belonging to Argolis: a district of s.east Greece, or ref. the area of the Gulf of Argolis, Peloponnesus. cf. *Ophrys argolica* Fleischm.1919.

argus: ref. Gk.myth., the Argus: a fabled monster with a hundred eyes, some always being awake and alert. Listed as alluding to the flower's wart-like spots, cf. *Paphiopedilum argus* (Rchb.f.) Stein 1892.

argyr-: ref. *argyros*: silver. Used in combwds.: silver; silvery; of silver; like silver.

argyraceus: descwd., see *argyr-* + see *-acea*: like silver, etc.+ See *argentaceus*.

argyrifolia: silver + leaf. cf. *Cyclopogon argyrifolia*.

argyrocentra: silver + spur, or centre (?). cf. *Erythodes nobilis* var.*argyrocentra*. syn. *E. nobilis*.

argyrocentrus: as *argyrocentra*. cf. *Physurus nobilis* var. *argyrocentrus*. syn. *Erythodes nobilis*.

argyrolepis: silver + scale. cf. *Aa argyrolepis*.

argyroneura: silver + see *neuro-*: nerve; sinew, etc. cf. *Ludisia argyroneura*.syn. *Dossinia marmorata*.

argyroneurus: as *argyroneura*. cf. *Anoectochilus argyroneurus*. (syn.).

argyrophylla: silvery + leaf. cf. *Maxillaria argyrophylla*.

argyropum: as *argyropus*, with the "s" changed to "m" to suit the genus. cf. *Adelopetalum argyropum*. syn. *Bulbophyllum argyropus*.

argyropus: silver + footed. cf. *Bulbophyllum argyropus*.

Argyrorchis: Blume 1859: silvery + orchid. Ref. the veins and leaf margins. syn. *Macodes*.

argyrosticta: as *argyrostictus*. cf. *Erythodes argyrosticta*. syn. *E. lunifera*.

argyrostictus: silvery + dotted; spotted. The dots and spots are probably lenticels (see "L" + see *physurids*). cf. *Physuris argyrostictus*. syn. *Erythodes lunifera*.

argyrotaenia: silvery + ribbon(s); band(s). cf. *Beadlea argyrotaenia*. syn. *Cyclopogon argyrotaenius*.

argyrotaenius: as *argyrotaenia*. cf. *Cyclopogon argyrotaenius*.

Arhynchium: Lindley & Paxton 1851, *a-*: without +*-rhynchium*: small beak; snout, etc. Refs to the rostellum. syn. *Armodorium* Breda.

ariadnae: may be for the given name of some lady, or could be for a place name, but also is possibly for "beauty", and/or an oblique ref. to where it was found. Ref. Gk.myth., Ariadne: the very beautiful daughter of King Minos of Crete. This species is listed to be from Crete island, Greece, cf. *Ophrys ariadnae* Paulus 1994. syn. *O. cretica* (: belonging to Crete).

ariasiana: may be for a person's name (? Arias + belonging to). Only listed as ex Ecuador, also ref. Arias (village) of Guayas Prov.(?). cf. *Lepanthes ariasiana* Luer & L.Jost 1998.

aricaensis: for place name (? Arica + from), only listed as ex central Brazil, cf. *Habenaria aricaensis* Hoehne 1915.

arida: ref. *aridus*: dry. Could also be an oblique ref. to the area it comes from. Listed as ex the south of Cape Province, South Africa, which does have some very arid areas. cf. *Disa arida*.

aridum: ref. *aridus*: dry. ex New Guinea, cf. *Dendrobium aridum*.

ariel: don't know the reasoning for this specep. Ariel was a myth. mischievous spirit and is also a small brown African gazelle. ex Sumatra, cf. *Bulbophyllum ariel* Ridl. 1917.

aries: a ram (male sheep). Listed as alluding to the flower shape. cf. *Dendrobium aries*.

arietina: ref. *arietinus*: of a ram (male sheep). Listed as alluding to a flower shape. cf.

Pleurothallis arietina. syn. *P. crocodiliceps*. Trivium: one says of, or like a ram and the other: a lizard's head.

Arietinum: L.C.Beck 1833: as *arietina*. syn. *Cypripedium* L.

arietinum: as *arietina*. Ref. the leaves likened to ram's horns. cf. *Cleisostoma arietinum*.

arietinus: as *arietinum*. cf. *Sarcanthus arietinus*. syn. *Cleisostoma arietinum*.

arifolium: *ari-* is an emphasis: very, etc. + leaf (: very leafy; much leafed?). cf.

Pachyplectron arifolium. Noted as endemic to New Caledonia.

arillus: descwd.: a dried grape. Was in a description and ref. to the column.

aripuanense: for place name: from Aripuanã, a town of Mato Grosso state, Brazil. cf.

Catasetum aripuanense Bicalho 1963.

ariquemense: for place name: from Ariqueemes, a town of Rondônia, central Brazil. cf.

Catasetum ariqueemense F.E.L.Miranda & K.G.Lacerda 1992.

arisanense: as *arisanensis*. cf. *Peramium arisanense* (Hayata) Makino 1929. syn. *Goodyera schlechtendaliana*.

arisanensis: phonetic and Lat'd. spelling for place name: from A Li Shan (mtn.), Taiwan.

cf. *Malaxis arisanensis* (Hayata) S.Y.Hu. syn. *M. monophyllos*.

Arisanorchis: Hayata 1914: see *arisanensis* (+ *orchis*: orchid). syn. *Cheirostylis* Blume.

arist-, *aristi-*, *aristo*: used in combwds., see *arista* next entry. With *aristo-*, it can sometimes ref. to *aristos*: best.

arista (sing.), *aristae* (pl.): used in combwds. as, *arist-*. Can be confusing as an *arista*: the awn, or beard of grains and grasses; a short stiff bristle-like growth, but the word can also be used for the whole ear (of grain). In discussions and descriptions, I have seen *arist-*, *arista*, *aristate*, used for a single bristle, or a group of two or three, an apicule, a tuft and a beard, + *arist-* can imply: awned; bristled; bearded. + See *aristate*.

aristata: see *aristate*, *arista*. cf. *Thelymitra aristata*. Noted as endemic to sthn. Aust.

aristate: see *arista* + suffix: like; having. Awned; bristled; bearded. Noted it's mostly supposed to ref. to floral bracts, but is also used with other parts, or organs. eg. *aristisepalum*.

aristatum: as *aristate*. cf. *Bulbophyllum aristatum*.

aristatus: as *aristate*. cf. *Peristylus aristatus*.

aristeguietae: for place name (+ of), only listed as ex nthn. Venezuela. cf. *Maxillaria*

aristeguietae Foldats 1961. syn. *M. hystrixionica*.

aristiferum: see *arista* + see *-fer*: bearing. Ref. the leaf tip. cf. *Dendrobium aristiferum*.
aristilabre: see *arista* + *lip* (or, see *-labrum*: edge, etc.). cf. *Bulbophyllum aristilabre*.
aristilabris: as *aristilabre*. cf. *Hapalochilus aristilabris*. syn. *Bulbophyllum aristilabre*.
aristisepalum: see *arista* + *sepal*. cf. *Epidendrum aristisepalum*.
aristocratica: ref. *aristos*: best + *kratos*: power + of, or an action. This may be intended as in the English sense, aristocratic, ie. upper class; noble; of proud bearing, etc. cf. *Pleurothallis aristocratica*. syn. *P. retusa*.
aristopetalum: see *arista* + *petals*. cf. *Bulbophyllum aristopetalum*.
Aristotelea: Lour.1790. Almost every book, when there's an attempt at a definition, says it's for the Gk. philosopher, Aristotle (384-322 BC). But, look at the spelling and it's clearly, *aristo-*, see *aristate* + ref. *telos*: (at) the end, or *tele*, afar: awned at the end. Because this species. is so variable and most descriptions give so many possibilities, I've never been able to be certain exactly what is "awned at the end". eg. *Aristotelea spiralis*. syn. *Spiranthes sinensis*. + See *sinensis*.
aristotelea: as last entry. cf. *Epidendrum aristotelea* Raeusch.1797. syn. *Spiranthes sinensis*. + See *sinensis*.
aristotelia: see *Aristotelea*. cf. *Spiranthes aristotelia*. syn. *S. sinensis*. + See *sinensis*.
aristulata: see *arista* + *dimin.* + *suffix*: like, or having a small *arista*. cf. *Pleurothallis aristulata*.
aristulifera: small *arista* (see *arista*, awn) + *bearing*. cf. *Phreatia aristulifera*.
arizonica: belonging to Arizona state, USA.. cf. *Corallorrhiza arizonica* S.Watson 1882. syn. *Hexalectris spicata*.
arjunoense: from Arjuno, ref. Mount Arjuno, a volcano of Java. cf. *Epigeneium arjunoense* J.J.Wood & J.B.Comber 1996.
armainvillierensis: cf. *Cattleya* x *armainvillierensis* auct.1895. On the syn. list, may ref. to the city of Gretz **Armainvilliers** (+ from), of Seine-et-Marne, Île de France, Fr., where it flowered in cultivation (?).
armata: see *armatus*. cf. *Habenaria armata*.
armatissima: armed (see *armatus*) + *suffix*: very. Doesn't have thorns, or spikes as such, but looks very fierce with its many long spiky-looking appendages. cf. *Habenaria armatissima*.
armatum: as *armatus*. cf. *Odontoglossum armatum*.
armatus: descwd., ref. *arma* + *suffix*: armed. Equipped with arms (as weapons) eg. spikes; prickles; spur, etc.
armeniaca: cf. *Dactylorhiza armeniaca* Hedrén 2001. One major ref. lists it as ex Turkey, another says it's ex Armenia (which borders Turkey)+ *suffix*: belonging to. Also, may be for the colour, apricot (?). See next entry + see *armeniacus*.
armeniaca: cf. *Gongora armeniaca*. Agonised over this to the point where I almost gave up, 'cause it's certainly not from Armenia! Got a good clue when I read it has apricot-like perfume and colouring. Hmm., anything to do with apricots? Ref. *Prunus armeniaca*: the common apricot + ref. *armeniacus*, the colour term: apricot coloured. Of interest, the apricot, *Prunus armeniaca* belongs to the rose family: *Rosaceae*.

armeniacum: see *armeniacus*. Ref. the lip, although, to me, it's more orange than apricot.
cf. *Dendrobium armeniacum*.

armeniacus: the colour term: apricot colour.+ See *armeniaca* and next entry.

armeniacus: apricot colour. cf. *Sarcanthus armeniacus*. syn. *Tridactyle armeniaca*.

armeria: ar-+ meria: without + parts. Also, may have been alluded to *Armeria*: a genus of the leadwort family, *Plumbaginaceae* (for which, my refs. said, see plumbago. I know this one, as at home I have one blue one and a white one). cf. *Ceratostylis armeria*.

armiger: as *armigerum*. cf. *Sarcanthus armiger*. syn. *Pomatocalpa armigerum*.

armigera: as *armigerum*. cf. *Cleisostoma armigera*. syn. *Pomatocalpa armigerum*.

armigerum: arms (as weapons, see *armatus*). + bearing. cf. *Pomatocalpa armigerum*.

armillare: bracelet + relative to; having, etc. cf. *Oncidium armillare*.

armillata: ref. *armilla*: bracelet + suffix: like; having. cf. *Batemanian armillata*.

armillatus: as *armillata*. cf. *Trichoceros armillatus*. syn. *T. antennifer*.

arminii: listed for orig.coll., Herman Wagener. (*armin*: a sort of phonetic, Lat'd. spelling for Herman. More info., see *wagenerianum*). ex Colombia, cf. *Masdevallia arminii* Linden & Rchb.f.1854.

armitiae: see *armitii*, but the suffix is feminine, so may be for a fem. relative (?). ex New Guinea, cf. *Dendrobium armitiae* F.M.Bailey 1900.

armitii: listed for orig.coll., William E.de M.Armitt (+ of). Noted, he collected in Aust. and Mt. Dayman, PNG. Orig. desc.x F.Muell. (1875) as *Sarcochilus* and t/fd. x Dockrill1967, to *Saccolabiopsis armitii*. Listed as ex PNG. and nth. Qld., Aust.

x *Armodachnis*: auct. On the syn. list, cf. *Arachnis* x *Armadorum*.

Armadorum: Breda 1827: ref. (*h*)*armos*: a crack in a wall, eg. a crevice in a cliff. Or, could be ref. *arma*, see *armatus* + ref. *doron*: gift. So, it's a gift from a .crevice, or a spiky gift? ex Sumatra to Bali islands, eg. *Armadorum sulingii* (Blume) Schltr.1911.

arnhemica: for place name: belonging to Arnhem Land, NT., Aust. cf. *Habenaria ferdinandi* var. *arnhemica* (Benth.) Dockrill.

Arnedina: Rchb.f.1841. Noted as a misunderstanding for *Arundina*. syn. *Arundina* Blume.

arnoglossophylla: ref. *arnos*: sheep + tongue + leaf. cf. *Liparis arnoglossophylla*.

Arnottia: A.Rich.1828. Listed for botanist and author, George Arnott Walker Arnott [+ of] (1799-1868). eg. *Arnottia mauritiana* A.Rich.1828. Noted as endemic to the Mascarene Islands.

arnottiana: belonging to Arnott, see *Arnottia*. ex Nilgiri region, India. cf. *Oberonia arnottiana* Wight 1851. syn. *O. wightiana* Lindley 1839. Note, Mr.Wight named it for Mr.Arnott, but Prof.Lindley had already described it for Mr.Wight (+ see *Wightia*).

arnottioides: see *Arnottia* + resembling. cf. *Cynorkis arnottioides*.

aroids: a common term for the arum family of plants, see arum. The word was in a discussion of habitat, where one orchid species is often found growing in their company.

aroma: ref. *aroma*: spice. Scent; odour; fragrance; perfume; smell, etc.

aromatica: ref. *aromatikos*: spice-like; pleasantly perfumed. cf. *Lycaste aromatica*.
aromatico: see *aromatica*. cf. *Araco aromatico*. syn. *Vanilla planifolia*.
aromaticum: see *aromatica*. ex New Guinea, cf. *Dendrobium aromaticum*.
aromaticus: as *aromatica*. cf. *Colax aromaticus*. syn. *Lycaste aromatica*.
Arrophyllum: Endl.1837: a spelling or, typ.error (?), see *Arpophyllum*. syn. *Arpophyllum*.
arpophyllostachys: ref. (*h*)*arpe*: sickle; hook + leaf + spike. More likely, the raceme (spike) is likened to that of an *Arpophyllum*. cf. *Elleanthus arpophyllostachys*.
Arpophyllum: Lex.1825: ref. (*h*)*arpe*: sickle; hook + leaf. eg. *Arpophyllum spicatum* (ex Mexico and is listed as the type).
arrect: ref. *arrectus*: set upright; stiffly erect; pricked up.
arrecta: as *arrect*. cf. *Caladenia arrecta*. Noted as endemic to West.Aust.
arrectum: see *arrect*. cf. *Genoplesium arrectum*. Noted as endemic to Vic., Aust.
-arrhen-: man; male, used in combwds.+ Ref. *arrhen*: a descwd. for male organs, as stamen, anther, etc. eg. *Cryptarrhena*.
arrhizus: descwd.: without + see *rhiza*: root(s), etc.
Arrhynchium: Lindley 1851, see *Arhynchium*. syn. *Armorum* Breda.
arrigens: ref. *ar-*: not + see *rigens*: stiffening. cf. *Liparis arrigens*.
arrogans: assuming; having a haughty manner; standing proud and resplendent. cf. *Cymbidium arrogans*. syn. *C. ensifolium*.
arsoanum: for place name: belonging to Arso (village), nthn. Papua, Indon., near the border with PNG. cf. *Bulbophyllum arsoanum* J.J.Sm.1912.
arthrobulbum: ref. *arthron*: joint + bulb. cf. *Dendrobium arthrobulbum*. Listed as only found ex New Caledonia and possibly endemic.
Arthrochilium: Beck 1890: ref. *arthron*: joint + lip + suffix: distinctive of. syn. *Epipactis* Zinn.
Arthrochilium: as last entry.= *Epipactis* section.
Arthrochilus: F.Muell.1858: joint + lip. Ref. the jointed labellum-foot. ex New Guinea to Qld., Aust. eg. *Arthrochilus dockrillii* Lavarack 1975.
arthrophyllum: joint + leaf. cf. *Angraecum arthrophyllum*. syn. *A. pungens*.
arthuriana: listed for Arthur Veitch (+ belonging to) of the famous Eng. nurserymen, Veitch & Sons. ex the Himalayas to China, cf. *Pleione arthuriana* Rchb.f.1881. syn. *P. maculata*.
articulata: see articulate. cf. *Aerangis articulata*.
articulate: ref. *articulatus*: jointed; having, or like a joint. Often can ref. to nodes, etc. + of two or more parts that are joined and obviously not one piece. Sometimes used for: flexible; mobile. Also can be: hinged, eg. an articulate labellum.
articulatum: see articulate. cf. *Angraecum articulatum*. syn. *Aerangis articulata*.
artostigma: ref. *artus*: close; tight; narrow + see stigma. Listed as ref. the narrow stigma. cf. *Bulbophyllum artostigma*.
aruanum: for place name: belonging to the Aru Islands, west of Papua, Indon. cf. *Dendrobium aruanum* Kraenzl.1910. syn. *D. mirbelianum*. Pers.coll., see sketch and notes at "M".

aruank: listed as a local name for the plant, ex the Mendi area, central PNG. cf. *Calanthe aruank* P.Royen 1979. Noted as endemic to PNG.

arum: this entry, for cross-reference. Ref. the arum, or aroid family: *Araceae*, having c2,000 species. Of the order *Arales*, they are mostly herbaceous flowering plants, some having edible tubers and many are domesticated as ornamentals.

-arum: used in compwds, a possessive suffix: of (belonging to). eg. *cataractarum*: of a cataract (waterfall). + See *-orum*.

arunachalensis: from Arunachal Pradesh state, of n.east India. cf. *Coelogyne arunachalensis* H.J.Chowdery & G.D.Pal 1997. syn. *C. fimbriata*.

Arundina: Blume 1825: ref. *arundo*: a reed; cane + see *-ina*: of; like, etc. It's also one word, ref. *arundinis*. eg. *Arundina graminifolia*. Monotypic ex China to New Guinea..

arundinacea: as *Arundina* + like, etc. cf. *Ophrys arundinacea*. syn. *Arundina graminifolia*.

arundinaceous: ref. *arundinis*: reed, or cane-like + suffix: of; like; resembling, or relative to.

arundinaceum: see *arundinaceous*. cf. *Agrostophyllum arundinaceum*.

arundinae: those that are *arundinaceous*. cf. *Cyanaeorchis arundinae*.

Arundiniinae: see *Arundina* + suffix denotes it's a subtribe.

arundinoides: reed + resembling. cf. *Calanthe arundinoides*. syn. *C. versteegii*.

arvensis: for place name (+ from), only listed as ex Colombia to nthn. Venezuela. cf. *Habenaria arvensis* Barb.Rodr.1877. syn. *H. hexaptera*.

aryter: ref. *aryter*: a dipper; ladle. cf. *Pleurothallis aryter*.

Asarca: Poepp.ex Lindley 1827: not + ref. *sarx*, *sarkos*: flesh: not fleshy; not thick. eg. *Asarca alaris*. syn. *Chloraea galeata*.

asaroides: may have been compared to the genus, *Asarum* L. (ref. *asaron*: commonly, wild ginger +-oides: resembling ?), of the family: *Aristolochiaceae* (not orchids). ex Brazil, cf. *Pleurothallis asaroides* (Kraenzl.) Luer 1986.

x *Ascandopsis*: auct. On the syn. list, cf. *Ascocentrum* x *Vandopsis*.

ascendens: climbing; growing upwards; ascending; rising. cf. *Robiquetia ascendens*.

ascensor: climber; one who ascends. cf. *Stelis ascensor*. syn. *S. tenuicaulis*.

aschersoniana: listed for French phytologist and author, Paul Friedrich August Ascherson [+ belonging to] (1834-1913). Descs. accr. to him are abbr. to: *Asch.* ex West and central Europe, cf. *Dactylorhiza x aschersoniana* (Hausskn.) Borsos & Soó 1960.

aschersonianum: as *aschersoniana*. ex Switzerland, cf. x *Pseudinium aschersonianum* (Brügger & Killias) P.F.Hunt 1971.

aschersonii: as *aschersoniana*. ex westn. Africa, cf. *Cyrtorchis aschersonii* (Kraenzl.) Schltr.1918.

aschista: not + split; cut, etc. cf. *Malaxis aschista*.

aschistum: as *aschista*. cf. *Crepidium aschistum*. syn. *Malaxis aschista*.

Ascidieria: Seidenf.1984: ref. *ascidium*: a small bag + ref. *erio*: wool: a small wooly bag. Ref. the pouch-like labellum. eg. *Ascidieria longifolia*. syn. *Eria longifolia*.

asciiformis: ref. *ascia*: axe, or an adze + form; shape. cf. *Phreatia asciiformis*.

asco-: used in combwds., ref. *ascos*: a bag; wine-skin; bladder. Can ref. to many structures likened to a bag; sack; pouch, etc.

x *Ascocenda*: auct. On the syn. list, cf. *Ascocentrum* x *Vanda*.

Ascocentropsis: Senghas & Schildh.2000: see *Ascocentrum* + appearance. Noted as monotypic ex Indo-China. cf. *Ascocentropsis pusilla*.

Ascocentrum: Schltr. ex J.J.Sm.1917: see *asco-*: bag, etc. + *centrum*: spur. Alluding to the blunt spur. ex India to Indo-China, eg. *Ascocentrum curvifolium*.

ascochiloides: bag + lip + resembling, or somehow likened to an *Ascochilus* (?). cf. *Bulbophyllum ascochiloides*.

Ascochilopsis: Carr 1929: bag + lip + appearance. ex Thailand to Sumatra, eg. *Ascochilopsis myosurus*.

Ascochilus: bag + lip.= *Sarcochilus* section.

Ascochilus: Ridl.1896: bag + lip. eg. *Ascochilus siamensis* (: from Siam, now: Thailand).

x *Ascocleinetia*: auct. On the syn. list, cf. *Ascocentrum* x *Cleisocentron* x *Neofinetia*.

x *Ascodenia*: Garay & H.R.Sweet. On the syn. list, cf. *Ascocentrum* x *Seidenfadenia*.

x *Ascofinetia*: auct. On the syn. list, cf. *Ascocentrum* x *Neofinetia*.

x *Ascogastisia*: auct. On the syn. list, cf. *Ascocentrum* x *Gastrochilus* x *Luisia*.

Ascoglossum: Schltr.1913: bag + tongue. eg. *Ascoglossum calopterum*. Pers.coll., fairly common, ex PM.PNG.. I was excited on seeing the first flowers, as I had not found a species before that had all "red" flowers. Noted as monotypic.

x *Ascoglottis*: auct. Not literally (bag + tongue, or throat), here, the name was taken from *Ascocentrum* x *Trichoglottis*. Listed among the synonyms, without further info., or the "correct name".

Ascolabium: S.S.Ying 1977: *asco-*: bag, etc. + lip. syn. *Ascocentrum* Schltr.ex J.J.Sm.

x *Asconopsis*: auct. On the syn. list, cf. *Ascocentrum* x *Phalaenopsis*.

x *Ascoparanthera*: J.M.H.Shaw. On the syn. list, cf. *Ascoglossum* x *Paraphalaenopsis* x *Renanthera*.

x *Ascorachnis*: auct. On the syn. list, cf. *Arachnis* x *Ascocentrum*.

x *Ascorella*: Garay & H.R.Sweet. On the syn. list, cf. *Ascocentrum* x *Renantherella*.

x *Ascorhynopsis*: J.M.H.Shaw. On the syn. list, cf. *Ascocentrum* x *Paraphalaenopsis* x *Rhynchostylis*.

Ascotainia: Ridl.1907, see *asco-*: bag + ref. the genus *Tainia*. Here *asco-* refs. to the spur and it's noted it was likened to a *Tainia* flower, with a spur. ex Borneo, eg. *Ascotainia borneensis* Rolfe 1914. syn. *Ania borneensis* (Rolfe) Senghas.

x *Ascovandoritis*: auct. On the syn. list, cf. *Ascocentrum* x *Doritis* x *Vanda*.

asexual propagation: see vegetative propagation.

ashantense: from the Ashanti Region, n.eastn. Ghana, Africa. cf. *Angraecum ashantense* Lindley 1843. syn. *Diaphananthe bidens*.

ashantensis: as *ashantense*. cf. *Listrostachys ashantensis* (Lindley) Rchb.f.1864. syn. *Diaphananthe bidens*.

asiatica: listed for place name: belonging to *Asia*: *Asis*, which was once a Roman province, part of Lydia: Asia Minor (Turkey). cf. *Orchis patens* var. *asiatica* Renz. syn. *O. spitzelii*. + See next entry.

asiatica: another entry as this is listed as ex far east Russia to Japan and Korea, so it's similar to English, Asiatic (+ of). cf. *Neottia asiatica* Ohwi 1931.

asilifera: ref. *asilus*: gadfly + bearing. Refs. to a flower. cf. *Ophrys asilifera*. syn. *O. apifera*.
Of interest, one says (bearing) a gadfly and the other, a bee.

asinus: lit., anything to do with, or of an ass; assinine. cf. *Pelexia asinus*.

asoma: a-+ *soma*: without + flesh; body (: not thick?). cf. *Lepanthes asoma*.

aspacicensium: one major ref. interprets this as: gladly appreciated (?). ex Colombia to Venezuela, cf. *Restrepia aspacicensium*.

asparagoides: ref. *asparagos*: asparagus (the vegetable) + resembling. May ref. to the growth of a new plant, or of a raceme. cf. *Oncidium asparagoides*. syn. *O. bryolophotum*.

Aspasia: Lindley 1833: probably ref. *aspasios*: glad; delighted. May also be to express "beauty", as it was desc.x Prof. Lindley, who named so many plants for myth. (and real) characters (esp. beautiful women; goddesses), I have to include this expl. Ref. Aspasia (470-410BC), the beautiful wife of Pericles (c490-429 BC.), a Gk. statesman and military commander of Athens. ex Brazil, eg. *Aspasia lunata*.

aspasia: see *Aspasia*. Most older refs. spell this specep. with the capital "A", which means it's for a proper noun (? for beauty, ref. the lady, Aspasia). ex Central Americas to Colombia, cf. *Odontoglossum aspasia* Rchb.f.1864. syn. *Aspasia epidendroides*.

aspasicensis: from *Aspasica* (village), Norte de Santander Department, Colombia. cf. *Myoxanthus aspasicensis* ssp. *arenicola* Carnevali & I.Ramirez 1993. syn. *Pleurothallis arenicola*. NB., also noted: *Pleurothallis aspasicensis* Rchb.f.1855.

Aspasiinae: see *Aspasia* + suffix denotes it's a subtribe.

Aspegrenia: Poepp.& Endl.1837. Listed for Georg Karsten Aspegren (1791-1828), a Swedish botanist and naturalist. ex Peru, eg. *Aspegrenia scirpoidea*. syn. *Octomeria scirpoidea*.

asper: see next entry. ex Zambia, Africa, cf. *Polystachya asper*.

asper: descwd., rough; harsh, but generally: rough. ie. Rough to touch; uneven; having a rough surface. Noted as usually caused by very short stiff bristles, or small prickly-like protrusions. Sometimes used with a noun to form a combwd. eg., *asperifolium*.

aspera: see *asper*: rough. cf. *Pterostylis aspera*. Noted as endemic to West.Aust.

asperata: see *asper* + suffix: like; having. cf. *Coelogyne asperata*. Pers.coll., a lovely old favourite, ex PM.PNG., very common and is both epiphyte and lithophyte.

asperatum: as *asperata*. Ref. the many small wart-like projections of the flower sheaths. cf. *Dendrobium asperatum*. Pers.coll., ex PM.PNG.

asperatus: as *asperata*. cf. *Sarcochilus asperatus*. syn. *Pteroceras asperatum*.

aspergilliform: read this in a discussion and had no idea! Ref. *aspergillum*: a sprinkling brush + form; shape: brush-shaped; tufted. For organs, or parts that resemble the brushes (*aspergilla*) used in the ritual sprinkling of holy water in some church ceremonies. Of interest, also noted a genus of fungi: *Aspergillus*.

aspergillum: see *aspergilliform*. cf. *Pleurothallis aspergillum*.

asperifolia: rough + leaf. cf. *Maccraitheia asperifolia*. syn. *Dendrobium cuthbertsonii*.

asperifolium: see *asper*: rough + leaf. cf. *Dendrobium asperifolium*. syn. *D. cuthbertsonii*.
asperilingue: rough + tongue. cf. *Bulbophyllum asperilingue*.
asperilinguis: rough + tongue. Ref. labellum apex. cf. *Pleurothallis asperilinguis*. syn. *P. acuminata*.
asperirachis: rough + see *rachis*: flower stem part. cf. *Encyclia asperirachis*. syn. *E. aspera*.
asperrima: see *asper*: rough + suffix, see *-rima*: very, etc. cf. *Pleurothallis asperrima*.
aspersa: as *aspersum*. cf. *Miltonia spectabilis* var. *aspersa*. syn. *M. spectabilis*.
aspersum: ref. *aspersus*: scattered; sprinkled; strewn. cf. *Bulbophyllum aspersum*.
aspersus: as *aspersum*. cf. *Sarcanthus aspersus*. syn. *Cleisostoma aspersum*.
asperula: see *asper* + dimin.: slightly rough. Noted it's also one word, ref. *asperulus*. cf. *Encyclia asperula*.
asperulate: rough + dimin. + suffix: like (being). Not excessively rough, but having a finely scabrous surface.
asperulum: as *asperula*. cf. *Bulbophyllum asperulum*.
asperum: see *asper*: rough. cf. *Dendrobium asperum*.
asphale: ref. *asphales*: steady; firmly fixed. cf. *Dendrobium asphale*.
aspi-, *-aspis*: used in combwds., ref. *aspis*: shield. For any organ, part, or structure that could be likened to a shield.
aspidistrifolia: as *aspidistrifolium*. cf. *Stenoptera aspidistrifolia*. syn. *Pterichis boliviana* Schltr.1911.
aspidistrifolium: ref. *Aspidistra* (listed as ex *aspidi-*: shield-like + *astron*: a star): a popular pot-plant; a genus of the lily family: *Liliaceae* + leaf. The leaves are alluded to resemble those of an *Aspidistra*. cf. *Cymbidium aspidistrifolium*. syn. *C. lancifolium*.
Aspidogyne: Garay 1977, *aspido-*: shield-like + *gyne*: woman. Ref. the stigma. ex Brazil, eg. *Aspidogyne hylibates*.
aspidogynoides: see *Aspidogyne* + resembling. cf. *Halleorchis aspidogynoides*.
aspidorhinum: shield-like + ref. *rhinos*: nose. Or, ref. *rhine*: a file (?). cf. *Odontoglossum aspidorhinum*.
aspinæ: *a-* + *spinæ*: (those) without spines; small spikes; prickles. cf. *Pleurothallis aspinæ*. syn. *Restrepia antennifera*.
x *Aspioda*: auct. On the syn. list, cf. *Aspasia* x *Cochlioda*.
asplundii: listed for botanist and author, Erik Asplund (1888-1974). Descs. accr. to him are abbr. to: *Aspl.* ex Ecuador, cf. *Campylocentrum asplundii* Dodson 1993.
x *Aspodonia*: auct. On the syn. list, cf. *Aspasia* x *Miltonia* x *Odontoglossum*.
x *Aspoglossum*: auct. On the syn. list, cf. *Aspasia* x *Odontoglossum*.
aspromontana: ref. *aspros*: white + mountain (+ belonging to), only listed as ex Italy. cf. *Epipactis aspromontana* Bartolo, Pulv.& Robatsch 1996.
asraoa: A.S.Rao + of. For phytologist and author, Aragula Sathyanarayana Rao (1924-1983). ex Nepal to Assam, India, cf. *Chamaegastrodia asraoa* (J. Joseph & Abbar.) Seidenf.& A.N.Rao 1994.
assamica: belonging to Assam state, n.east India. cf. *Liparis assamica* King & Pantl.1898.
assamicum: as *assamica*. cf. *Collabium assamicum* (Hook.f.) Seidenf.1984.

assamicus: as *assamica*. cf. *Phaius blumei* var. *assamicus* Rchb.f. syn. *P. tancarvilleae*.
asseris: pole; beam; stake. cf. *Stelis asseris*.
assurgens: ascending; rising upwards. cf. *Cypripedium assurgens*. syn. *C. parviflorum* var. *pubescens*.
astelidum: without stelids, see *stelidia*. cf. *Bulbophyllum astelidum*.
-aster, -astrum: used in compwds.: an incomplete likeness; a kind of; a lesser kind; of lesser quality. eg. *lichenastrum*.
asterotricha: ref. *aster*: star, or could be a contraction of *asterion*: a kind of spider (?) + ref. *trichos*: hair. cf. *Masdevallia asterotricha*.
astr-, astro-: used in combwds., ref. *astron*: star. Starry; star-like. Not often as a stylised star, but mostly as rays emanating from a central point, like an asterisk (*).
-astra, -astrum: used in combwds. and can be very confusing. Can be the same as *-aster*. Also means: like; having the quality of; belonging to; relative to; made of; the state, or condition (of). Have also noted a ref. where it was for a star (*aster*).
astranthum: star + flower. cf. *Odontoglossum astranthum*.
astriophora: star + see *-phora*: bearing, cf. *Pleurothallis astriophora*.
astroarche: see *astr-* + see *arch-*: primary star, or: first star (?). For the shape of a flower. ex São Tome (see *thomense*) cf. *Angraecum astroarche*.
astroglossum: star + tongue. See *Astroglossus*. cf. *Stellilabium astroglossum*.
Astroglossus: Rchb.f. ex Benth. & Hook. f. 1883: star + tongue. Noted it has a star-like pattern of hairs on the labellum. syn. *Stellilabium*. (Of interest, this also means, star + tongue).
astroglossus: see *Astroglossus*. cf. *Telipogon astroglossus*. syn. *Stellilabium astroglossum*.
Astrolabe: the name of an exploration vessel, also was an old instrument of navigation. This entry is only for cross-reference, see *urvilleana*.
astrophora: star + bearing. Ref. the flowers. cf. *Lepanthopsis astrophora*.
asturia: ref. *astur*: a kind of hawk + of. cf. *Dracula asturia*. This was listed as such, but may have been an error for *Dracula astuta* (?).
astuta: ref. *astutus*: cunning; shrewd; crafty. cf. *Dracula astuta*.
astypalaeica: belonging to Astypalaea (Astipálaia) islands, sthn. Aegean Sea, Greece. cf. *Ophrys astypalaeica* P. Delforge 1997. syn. *O. iricolor*.
asuayanus: belonging to Azuay Prov., Ecuador. cf. *Telipogon asuayanus* Rchb.f. 1877.
asumburu: listed as a local name for the plant. ex Mendi area, central PNG. cf. *Dendrobium asumburu* P. Royen 1979. syn. *D. subclausum*.
asymmetrical: *a-*: not + symmetrical, see *symmetry*.
-ata, -atum, -atus: used in compwds., denotes likeness, or possession. Mostly I use: having; like. + Can indicate an action (has occurred), eg. *adnatus*: adnate; attached, etc.
atacasana: belonging to Atacasa (village), Potosí Department, Bolivia. cf. *Pleurothallis atacasana* Luer 1980. syn. *P. ligulata*.
atacazoicum: for place name (+ belonging to), only listed as ex Ecuador. cf. *Epidendrum atacazoicum* Schltr. 1921.

atacina: ref. *ataxia*: confusion; disorder + see *-ina*: like, etc. The specep. is a good one, because it's a natcross. Monotypic in Europe, cf. x *Orchidactylorhiza atacina*.

atacorensis: from Chaîne de l'Atakora (aka. Attacora) mtn. range, Benin, west Africa. cf. *Disperis atacorensis* A.Chev.1920. syn. *D. togoensis*.

atahualpa: Atahualpa (1500?-1533) is noted as the 12th and last Inca ruler, of Peru (was executed by Spanish invaders). Possibly an oblique ref. to where the plant was found. cf. *Masdevallia atahualpa* Luer 1982.

atavus: a curious choice for a specep., lit.: a great, great, great-grandfather. + A general term for a long hereditary line (ancestors). ex Java, cf. *Dendrobium atavus* J.J.Smith 1905.

Ate: Lindley 1835: ref. Ate, ex Gk.myth.: the beautiful goddess of Mischief & Recklessness, who incited men to rash feats. Later regarded as the goddess of Punishment & Retribution. syn. *Habenaria* Willd. Prof. Lindley sure came up with some good ones! Perhaps he had something like *Habenaria armatissima* in mind, because it looks so fierce. Then again, maybe it's just another of his fanciful names, simply being for "beauty" + it's easy to spell and easy to remember.

atepalus: see *a-* + see *tepal*: without tepals. This means it does not have sepals, or petals, but they are probably miniscule and just not obvious. cf. *Acianthus atepalus* Rchb.f.1877. + Of interest, see *Spuricianthus*.

ater: a colour term: jet-black and "black" in general.

ater: "black". cf. *Acianthus caudatus* var. *ater*. syn. *A. caudatus*.

Athecebiium: *a-*: without + see *theca*: case etc. + characteristic of. Noted as ref. the lack of leaf-sheaths. *Dendrobium* subgenus.

athena: with this author, is probably just for "beauty". Ref. Gk.myth.: Athena, depicted as a very beautiful woman, armed with a spear, on her shoulder is a hawk and twining at her feet, a snake. Reported to personify wisdom and a close equiv. in Roman myth., is Minerva (see "M"). cf. *Lepanthes athena* Luer.

athense: as *athensis*. cf. *Limodorum* x *athense* (Gren.) Kuntze. On the syn. list, it's noted as an *Epipactis* hybrid.

athensis: of Athens, capital city of Greece. cf. *Serapias athensis* (Lej.) Hocq.1814. syn. *Epipactis microphylla*.

atjehense: phonetic and Lat'd. spelling for place name: from Aceh Prov. and/or ref. Banda Aceh city, nthn. tip of Sumatra, Indon. cf. *Dendrobium atjehense* J.J.Sm.1932.

atjehensis: as *atjehense*. cf. *Calanthe atjehensis* J.J.Sm.1943.

atkinsonii: listed for the Rev.H.B.Atkinson (+ of). cf. *Caladenia atkinsonii* Rodway 1922. Noted as endemic to Tas., Aust.

atlantica: of the Atlantic Ocean. This species is noted to be from the Azores islands, west of Spain (+ see *azorica*). cf. *Serapias atlantica* D.& U.Rückbr.1994. syn. *S. cordigera* ssp.*azorica* (Schltr.) Soó. + See next entry.

atlantica: listed as orig.found in Algeria c1856 (and its coastline: the Mediterranean Sea), so why "atlantica"? Noted, the word is the Lat. form of: belonging to the Atlas Mtns., which extend across n.west Africa. cf. *Ophrys atlantica* Munby 1856.

atlanticum: belonging to the Atlas Mtns., see *atlantica*. cf. *Satyrium atlanticum* (Willd.) Lindley 1835. syn. *Neotinea maculata*.

atlanticus: belonging to the Atlas Mtns., see *atlantica*. cf. *Peristylus atlanticus* Lindley 1835. syn. *Neotinea maculata*.

atomifera: ref. *atom* + *-fera*: bearing minute particles. cf. *Lepanthes atomifera*.

Atopoglossum: Luer 2004: ref. *atopos*: out of place; absurd; strange; odd + tongue. syn. *Pleurothallis* R.Br.

atra: black + see *atri-*. Ref. the very dark flowers. cf. *Stelis atra*.

atractodes: ref. *atraktos*: spindle; arrow + suffix: like. cf. *Dendrobium atractodes*. syn. *Dendrobium heterocarpum*.

atractoglossa: arrow; spindle + tongue. cf. *Cannaeorchis atractoglossa*. syn. *Dendrobium polycladium* var. *atractoglossum*.

atractoglossum: as *atractoglossa*. cf. *Dendrobium polycladium* var. *atractoglossum*.

atramentaria: I wanted to translate this as: dark + chin (see *mentum*) + suffix, but is listed as ref. *atramentum* (*atra* + see *-mentum*): blackened; darkened + see *-are*: relative to, etc. cf. *Habenaria atramentaria*. syn. *Peristylus densus*.

atramentum: descwd. + see *atramentaria*. Noted, it can also ref. to ink, or any dark fluid.

atrans: ref. *ater*: black + suffix: becoming dark; blackening. cf. *Pterostylis atrans*. Noted as endemic to s. east Aust.

atrata: blackened; dark. cf. *Microtis atrata*. Noted as endemic to sthn. Aust.

atratum: see *atratus*. cf. *Catasetum atratum*.

atratus: descwd., lit.: “clothed in black”. Very dark, or blackened, mostly when only partly “black”, or very dark.

atri-, *atro-*: used in combwds.: strong; dark; blackish. When used with another colour, mostly: dark. Is also an emphasis: very; strongly, etc. eg. *atropurpurea*, could be: strongly, very, or dark + purple. One ref. simply defined it as: “fiercely” (purple). Can be confusing as, eg. *atroclavia* could mean: strongly clubbed; (having) strong clubs, or (having) dark clubs (: of a colour).

atricapilla: see *atri-* + ref. *capillus*: hair. Have only seen the one brief description and it didn’t mention any hair. Could *-capilla* mean as: veins (capillaries)?, which then would mean: strongly veined, or much veined. cf. *Disa atricapilla*.

atricolor: was in a discussion, jotted it down and later wished I had noted the context, as it’s not very explicit. Could be: strong colour; strongly coloured; very, or much + colour(-ed), or simply: dark + colour.

atrilinguis: see *atri-* + tongue. cf. *Chondroscaphe atrilinguis*.

atriola: see *atri-* + dimin.: not very strong, or slightly dark (?). cf. *Pterostylis atriola* D.L.Jones 1998. Noted as endemic to Tas., Aust.

atrirubra: see *atri-* + *rubra*: red. cf. *Dactylorhiza incarnata* forma *atrirubra*. syn. *D. incarnata* ssp. *coccinea*.

atrobrachiata: see *atri-* + *brachiata* (: having strong arms?). cf. *Malaxis atrobrachiata*.

atrobrachiatum: as *atrobrachiata*. cf. *Crepidium atrobrachiatum*. syn. *Malaxis atrobrachiata*.

atrobrunnea: strongly, or dark brown. cf. *Stelis atrobrunnea*.

atrobrunneum: see *atri*-+ see *brunneus*. The discussion notes it as a very dark brown. cf.

Epidendrum atrobrunneum.

atrocarmesinus: descwd., see *atri*-+ *carmesinus*: strongly carmine: a pure bright, slightly metallic red.

atrochila: see *atri*-+ *lip*. cf. *Caladenia atrochila*. Noted as endemic to Tas., Aust.

atrochilus: see *atri*-+ *lip*. cf. *Petalochilus atrochilus*. syn. *Caladenia atrochila*.

atroclavia: see *atri*- for more info.+ ref. *clava*: club.(+ See club). cf. *Caladenia atroclavia*.

Noted as endemic to Qld., Aust.

atrococcineus: see *atri*-+ see *coccineus*. + Listed as a colour term: deep scarlet.

atroferruginea: see *atri*-+ see *ferrugineus*: rusty. Ref. the flowers having dense rust coloured hair. cf. *Trichotosia atroferruginea*.

atroglossa: see *atri*-: dark + tongue. cf. *Pleurothallis atroglossa*.

atrohiata: see *atri*- (here, is an emphasis) + ref. *hiatus*: (an) opening; gap; cleft. cf.

Pleurothallis atrohiata.

atrolabium: see *atri*-+ *lip*. cf. *Bulbophyllum atrolabium*.

atromarginata: as *atromarginatum*. cf. *Epipactis atromarginata*.

atromarginatum: see *atri*-+ see *marginate*: edged, etc. cf. *Dendrobium atromarginatum*. syn. *D. cuthbertsonii*.

atronitida: strongly + shining, or very shiny (?). cf. *Thelymitra atronitida*. Noted as endemic to Vic., Aust.

atropatanica: among many locations, it's listed as ex Iran. Ref. *Atropatene* (+ belonging to): an ancient name, noted as a region of n.west, West Azerbaijan (admin.division), Iran. cf. *Platanthera bifolia* ssp. *atropatanica* B.Baumann et al 2003. syn. *P. bifolia* (L.) Rich.

atropilosa: see *atri*-+ see *pilose*: hairy, etc. cf. *Kegeliella atropilosa*.

atropos: lit.: not to be turned; inflexible; unchangeable. cf. *Ophrys atropos*. syn. *O. scolopax*.

atropubescens: see *atri*-+ *pubescens*: downy; softly hairy. + Of interest, see *melanothrix* (which suggests: very dark, or black hair). cf. *Sobralia atropubescens*.

atropurpurea: strongly, or dark + purple. cf. *Risleya atropurpurea*. Noted as monotypic.

atropurpurens: see *atri*-+ *purpling*; tending to or, becoming purple. cf. *Pleurothallis atropurpurens*. syn. *Zootrophion atropurpureum*.

atropurpureum: see *atri*-+ *purple*. cf. *Cymbidium atropurpureum*.

atropurpureus: see *atri*-+ *purple*. cf. *Cryptophoranthus atropurpureus*. syn. *Zootrophion atropurpureum*.

atrorubens: see *atri*-+ *rubens*: reddish. Ref. the cherry-red underside of the leaves. ex New Guinea, cf. *Rhomboda atrorubens*.

atroruber: dark, or strongly + red. cf. *Microstylis atroruber*. syn. *Malaxis atrorubra*.

atrorubra: dark, or strongly + red. cf. *Malaxis atrorubra*.

atrorubens: dark, or strongly red + the condition (being). cf. *Stelis atrorubens*.

atrorugosum: see *atri*-+ *rugose*: wrinkled, etc. cf. *Epidendrum atrorugosum*.

atrosanguinea: see *atri*-+ see *sanguineus*: blood-red. cf. *Liparis atrosanguinea*.

atrosanguineum: see *atri-*+ blood-red. cf. *Dendrobium atrosanguineum*. syn. *Dendrobium albosanguineum* (?).

atroscriptum: see *atri-*+ *scriptum*: written (upon). cf. *Epidendrum atroscriptum*.

atrosetifera: see *atri-*+ bristle(s) + bearing. cf. *Lepanthopsis atrosetifera*.

atrovinosa: see *atri-*+ *vinosa*: full of wine: a dark wine colour, or strongly wine-coloured. cf. *Eria atrovina*.

atroviolacea: see *atri-*+ see *violaceus*: strong, or dark violet coloured. cf. *Pleurothallis atrovioleacea*. syn. *P. restrepioides*.

atroviolaceum: as *atroviolacea*. cf. *Dendrobium atrovioleaceum*.

atroviolaceus: a colour term: strong, deep, or dark violet.

atrovirens: a colour term: deep green with a trace of grey. (See *atri-*+ *virens*: greening.)

atrovirens: as last entry. cf. *Agrostophyllum atrovirens*.

atroviridis: see *atri-*+ *viridis*: dark green. Ref. the leaves. cf. *Plocoglottis atroviridis*.

attaviria: listed for place name: of Mt. Attavira, Rhodes Island, eastn. Mediterranean. cf. *Ophrys attaviria* D.Rückbr.& Wenker 1990. syn. *O. fusca* ssp. *fusca*.

attenuata: see attenuate. Ref. the leaves. cf. *Oberonia attenuata*. Noted as endemic to nth. Qld., Aust.

attenuate: ref. *attenuatus*: thin, tapering and drawn out. For any organ, or part being relatively long, slender and tapering.

attenuatum: see attenuate. Ref. the lamina (of the leaf). cf. *Genoplesium attenuatum*.

attenuatus: see attenuate. cf. *Elleanthus attenuatus* syn. *E. arpophylllostachys*.

attica: listed for place name: ref. the peninsula of Attica, where the city of Athens is located, Greece. cf. *Ophrys attica* (Boiss.& Orphan.) B.D.Jackson.

attingens: *at-*+ *tingens*: to dye; (as if) dyed, etc. ex West.Aust., cf. *Caladenia attingens*.

attractant: a lure; attraction. A device, agent or, substance aimed at attracting insects to the flower for reproduction. See nectar, pheromones, mimicry, etc.

atwoodchlamys: this doesn't make sense to me, so can only give the refs. See *atwoodii* + see *chlamys*: a covering, etc. ex Costa Rica, cf. *Epidendrum atwoodchlamys* Hágsater.

atwoodiana: belonging to Atwood, see *atwoodii*. ex Costa Rica, cf. *Maxillaria atwoodiana* Pupulin 2003.

atwoodii: for phytologist J.T. Atwood. ex Costa Rica, cf. *Pleurothallis atwoodii* Luer 1997.

aubertii: listed for L.M. Aubert du Petit Thouars (more, see *thouarsii*). ex Madagascar, cf. *Oeonia aubertii* Lindley 1824. syn. *O. volucris*.

aubrevillei: listed for botanist and author, André Aubréville [+ of] (1897-1982). ex Madagascar, cf. *Bulbophyllum aubrevillei* Bosser 1965.

auclandii: listed as a misunderstanding, see *aclandiae*. cf. *Cattleya auclandii* Beer syn. *Cattleya aclandiae*.

auct.: Lat. abbr. for *auctor*: author. Seen in refs. and listings. When with a genus, or species indicates that the name has been accepted by (many) other authors, but the original author was not satisfied. Also means it was a common name, similar to the usage of Hort. (see "H"), which it seems to have replaced in modern terminology.

auctores: lit.: at my suggestion (or, my idea). Perhaps the author wasn't confident of his identification. cf. *Habenaria auctores*.

audasii: listed for orig.coll., J.W.Audas (+ of), ex Mt.McIvor, Vic., Aust. cf. *Caladenia audasii* R.S.Rogers 1927. Noted as endemic.

audax: daring; bold. cf. *Masdevallia audax*.

auditor: hearer; pupil; one who listens, or one who has ears (?). cf. *Lepanthes auditor*.

augusta: lit., empress, or queen. + Ref. *augustus*: regal; venerable; majestic, etc. ex Brazil, cf. *Sobralia augusta*.

augustae: of an empress, or queen. cf. *Ophrys x augustae*. syn. *O. x aschersonii*.

augustae-victoriae: listed as dedicated to H.M.Queen Victoria, of Eng. cf. *Dendrobium augustae-victoriae* Kraenzl. syn. *D. lineale*. Pers.coll., not uncommon ex PM.PNG.

augustatum: see *augusta* + suffix: queen-like, or: of regal bearing, etc. cf. *Odontoglossum augustatum*.

augustensis: for place name: from the town of Augusta, adjacent to Cape Leeuwin, sthn. West.Aust. cf. *Caladenia pholcoidea* ssp. *augustensis* Hopper & A.P.Br.2002. Noted as endemic to West.Aust.

augustianum: belonging to Auguste. For orig.coll., Auguste Linden. (+ see *augustorum*). ex the Philipp., cf. *Aerides augustianum* Rolfe 1889.

augustifolia: regal; majestic + leaf. cf. *Goodyera augustifolia*. Another of the beautiful "jewel orchids". See sketch and notes at "J", + see physurids.

augustifolium: regal + leaf. cf. *Pedilochilus augustifolium*.

augustinii: listed for Augustine Henry, see *henryi*. ex Kazan-retto (: Volcano Islands), south of central Honshu Island, Japan, cf. *Goodyera augustinii* Tuyama 1938.

augusti-regneri: for French botanist, August Regnier (+ see *regneri*). ex SE.Asia, cf. *Calanthe augusti-regneri* Hort.c1894. syn. *Calanthe vestita*.

augustorum: listed as first found by Auguste Linden and Auguste de Ronne, so the author named it for both of them (+ *-orum*: of, belonging to). ex the Sunda area, west Java. cf. *Spathoglottis augustorum* Rchb.f.1886. syn. *S. plicata*.

Auliza: Salisb.1812: ref. *aulis*: a tent (+ ref. *aulizomai*: a camp; lodge). ex Mexico to the trop. Americas, eg. *Auliza ciliaris*. syn. *Epidendrum ciliare* L.

Aulizeum: Lindley ex Stein 1892: likened to *Auliza*. syn. *Encyclia*, or *Epidendrum* (?).

Aulosepalum: Garay 1982: ref. *aulos*: flute (as a groove) + sepal(s?). ex Mexico to Guatemala, eg. *Aulosepalum pulchrum*.

Aulostylis: Schltr.1912. Had many possibilities for this, so struggled through the (Latin) description, attempting to determine the reasoning for the name. Ref. *aulos*: flute (as a groove) + see style: column. Refs. to the column margins. syn. *Calanthe* R.Br.

aundensis: listed for place name: from Lake Aunde area, near Mt.Wilhelm, PNG. cf. *Corybas aundensis* P.Royen 1979. syn. *Corybas royenii*. Noted as endemic to PNG.

auquieriana: listed for phytologist and author, Paul Henri Auquier [+ belonging to] (1939-1980). Descs. accr. to him are abbr. to: Auq. ex Rwanda to Zaire, cf. *Eulophia eylesii* var.*auquieriana* Geerinck 1990.

aurantia: see *aurantius*: an orange colour. cf. *Eria aurantia*.

aurantiaca: see *aurantiacus*. cf. *Caladenia aurantiaca*. Noted as endemic to s.east Aust.
aurantiacopurpurea: orange + purple + of, like, etc. cf. *Davejonesia aurantiacopurpurea*. syn. *Dendrobium lichenastrum*.
aurantiacopurpureum: orange + purple + of. cf. *Dendrobium aurantiacopurpureum*. syn. *Dendrobium lichenastrum*.
aurantiacum: an orange colour, see *aurantiacus*. cf. *Bulbophyllum aurantiacum*. syn. *B. schillerianum* Rchb.f. Noted as endemic to eastn. Aust.
aurantiacus: the colour term: a rich orange, slightly paler than *aurantius*.
aurantiacus: an orange colour, see last entry. cf. *Elleanthus aurantiacus*.
aurantiflammea: orange + flame(s) + like, or for the colour. cf. *Ceraia aurantiflammea*. syn. *Dendrobium aurantiflammeum*.
aurantiflammeum: as *aurantiflammea*. cf. *Dendrobium aurantiflammeum*.
aurantiflavum: orange + yellow. Has orange flowers with yellow lip and tips of petals. cf. *Dendrobium aurantiflavum*. syn. *D. subclausum*. Noted as endemic to PNG.
aurantilineata: orange + lined. cf. *Crossoglossa aurantilineata*.
aurantimacula: orange + spot (see maculate). Ref. the labellum. cf. *Calanthe aurantimacula*. syn. *C. versteegii*. Noted as endemic to Papua, Indon.
aurantiorbiculata: orange + see orbicular, orbiculate (: having, or like some small spherical part[s]). cf. *Liparis aurantiorbiculata*.
aurantiolateritia: orange + see *lateritius*: strong reddish-brown, etc. cf. *Pleurothallis aurantiolateritia*.
aurantiroseum: orange + rosy (pink). cf. *Dendrobium aurantiroseum*.
aurantius: a colour term: a full rich orange, slightly darker than *aurantiacus*.
aurantivinosum: orange + reddish-purple (+ see *vinosus*). Flower is orange with a purplish labellum. cf. *Dendrobium aurantivinosum*. syn. *D. brevicaule* ssp. *calcarium*.
aurarium: see *aurarius*. cf. *Odontoglossum aurarium*.
aurarius: descwd., lit.: of gold, but some refs. say it's for an orange colour (?).
aurata: see *auratus*. cf. *Malaxis aurata*.
auratum: see *auratus* (one ref.says: with gold flecks). cf. *Bulbophyllum auratum*.
auratus: descwd.: gold + suffix: like; having. + A colour term: a bright golden yellowish-orange.
aurea: ref. *aureus*: golden yellowy-orange, cf. *Diuris aurea*. Noted as endemic to NSW., Aust.
aureicolor: golden + colour. cf. *Dendrobium aureicolor*. syn. *D. auricolor*.
aureiflora: golden + flower. cf. *Calanthe aureiflora*.
aureiloba: golden + lobe. cf. *Flickingeria aureiloba*.
aureilobum: golden + lobe. cf. *Dendrobium aureilobum*. syn. *Flickingeria aureiloba*.
aurelia: listed as Lat'd. spelling for place name: Orleans, nthn. France. cf. *Ophrys aurelia* P.Delforge, Devillers-Tersch.& Devillers 1989. syn. *O. bertolonii*.
aureoapex: golden + apex; top. Ref. tip of the labellum. cf. *Bulbophyllum aureoapex*.
aureobrunneum: gold + brown. Flowers are brown with yellow stripes. cf. *Bulbophyllum aureobrunneum*.

aureodactyla: golden + ref. *daktylos*: digit; finger. cf. *Masdevallia aureodactyla*. syn. *M. pachyura*.

aureofulva: golden + ref. *fulvus*: tawny. cf. *Bifrenaria aureofulva*. syn. *B. secunda*.

aureoglobula: gold + small globe, + see globule. cf. *Maxillaria aureoglobula*.

aureolabellum: golden + see labellum (the lip, or tongue) and see labrum (the dimin. of which, is **labellum**: a small edge, or slightly edged). So, it either has a golden labellum or some organ, or part is finely edged with gold (?). cf. *Bulbophyllum aureolabellum*.

aureolum: see aureolus. cf. *Cymbidium canaliculatum* var. *canaliculatum* forma *aureolum*. syn. *C. canaliculatum*. Pers.coll., see notes at *canaliculatum* (although, the ones I found, had some "gold", the predominant colour was a shiny terracotta brown).

aureolus: descwd., listed to be the same as *aureus*. + Can be for a gold colour.

aureorubrum: golden + red. cf. *Oncidium guianense* var. *aureorubrum*. syn. *O. guianense*.

aureovariegata: golden + variegated. cf. *Liparis nervosa* forma *aureovariegata*. syn. *L. nervosa*.

aureoviride: golden + see *viride*: green. ex eastn. Aust. and NZ., cf. *Prasophyllum aureoviride*. syn. *Genoplesium pumilum*.

ares-asini: ears + of an ass. cf. *Lepanthes ares-asini*.

aureum: golden. cf. *Dendrobium teretifolium* var. *aureum*. Noted as endemic to Aust.

aureus: descwd. (+ a colour term): golden; made of gold; gold-plated; of gold; gilt.

aureus: golden. cf. *Elleanthus aureus*.

auricle: an organ, part, or projection likened to a small ear. Often used to desc. small ear-like parts, esp. at the anther area. + See auriculate.

auricolor: golden + colour. cf. *Dendrobium auricolor*.

auricoma: as *auricomum*. cf. *Phyllorchis auricoma*. syn. *Bulbophyllum auricomum*.

auricomum: golden + ref. *coma*, *come*: hair; tuft. Some refs. say it's one word, ref. *auricomus* and this: golden leafed (? don't know how). Am confident it's alluding to the raceme likened to a tuft (: -*comum*) and the flowers are mostly a golden yellowy-brown (*auri*-). cf. *Bulbophyllum auricomum*.

auricula: small ear, or an ear-lobe. cf. *Epidendrum auricula*. syn. *Oncidium harrisonianum*.

auriculare: small ear(s) + suffix: relative to. Ref. labellum lateral lobes. cf. *Dendrochilum auriculare*.

auriculata: see auriculate. cf. *Pterostylis auriculata*. syn. *P. banksii* R.Br.ex A.Cunn.1832. Noted as endemic to NZ.

Auriculata: see auriculate.= *Corybas* section.

auriculate: ear + dimin. + suffix: having; like; of, or relative to a small ear. Having small ear-like parts, appendages, or projections. + See *auricula*, *auricle*.

auriculatum: see auriculate, *auricula*. cf. *Odontoglossum auriculatum*.

auriculatus: see auriculate, *auricula*. Ref. base of labellum. cf. *Epiblastus auriculatus*. Noted as endemic to PNG.

auriculifera: small ear (+ see *auricula*, *auricle*, *auriculate*) + bearing. cf. *Liparis auriculifera*.

auriculigera: see *auricula*, *auriculate* + see -ger: bearing. cf. *Dryadella auriculigera*.

auriculigerum: as *auriculigera*. cf. *Epidendrum auriculigerum*. syn. *Prosthechea ionocentra*.

auriculigerus: as *auriculigera*. cf. *Podochilus auriculigerus*.
auriculiloba: see *auricula*, auriculate + lobe. cf. *Habenaria auriculiloba*.
auriculilobum: as *auriculiloba*. cf. *Dendrochilum auriculilobum*.
auriferous: Geo.: gold bearing. The ref. was to terrestrials growing in auriferous soils.
auriferum: could be either: bearing ears, or: bearing gold (?). Probably the latter, as many of this genus have flowers with a lot of yellow. cf. *Oncidium auriferum*.
auriferus: gold + bearing. cf. *Sarcochilus auriferus*. syn. *Thrixspermum auriferum*.
auriflorum: *auri-*: for an ear, or gold (?) + flower. cf. *Bulbophyllum auriflorum*.
auriform: ref. *auris*: ear + form; shape. For any organ, or part that could be construed as being ear-shaped, or like some kind of an ear.
aurilobum: ear + lobe. cf. *Dendrobium aurilobum* syn. *Flickingeria aurieloba*.
aurisasinora: as *aurisasinorum*. cf. *Lophiaris aurisasinora*. syn. *Trichocentrum aurisasinorum*.
aurisasinorum: was in my "too hard basket" for a long time and (much) subsequent reading later, learned the common name which gave me the clue I needed. cf. *Oncidium aurisasinorum**, which comes from Honduras and was listed as one of the "burro-eared Oncidiums". Then, of course, the words of the spec. became very obvious. Ref. *auris*: ear; eared + *asinus*: ass (donkey: "burro") + suffix: of; belonging to. The "burro's ears" is an allusion to the leaves and it's easy to see why from the line drawings. *syn. *Trichocentrum aurisasinorum*.
aurita: ref. *auritus*: eared. cf. *Pleione aurita*.
auritum: as *aurita*. cf. *Dendrochilum auritum*. syn. *D. cornutum*.
auritus: eared. cf. *Telipogon auritus*.
auropurpurea: gold + purple. cf. *Masdevallia auropurpurea*. syn. *M. bicolor*.
auropurpureum: gold + purple. cf. *Epidendrum auropurpureum*. syn. *Psychilis bifida*.
aurorae: lit., of the early morning; of dawn. Could be for "beauty" and named after Aurora: Roman goddess of the dawn. Also, can simply mean: of the east; eastern. This species is only listed as ex Peru and it may even be for a place name, as there are quite a few places (mostly villages), called "Aurora". cf. *Brassia aurorae* D.E.Benn.1992.
aurorum: see *aurorae*. The suffix *-um*, can also indicate colour(s), or for some likeness. Listed as ex Sumatra, cf. *Bulbophyllum aurorum*.
auroroseum: gold + rosy (pink). cf. *Dendrobium auroroseum*. syn. *D. nudum*.
aurosanguinea: gold + of blood; bloody. cf. *Sigmatostalix aurosanguinea*. syn. *S. graminea*.
aurosom: gold + full of. Ref. the yellow flowers. cf. *Oncidium aurosom*. syn. *O. excavatum*.
auspicata: ref. *auspicatus*: lucky; fortunate. cf. *Lepanthes auspicata*.
austinae: as *austinae*. cf. *Epipactis austinae* (A.Gray) Wettst.1889. syn. *Cephalanthera austinae*.
austinae: for Ms.Rebecca Merritt Austin (+ of), a knowledgeable student of Californian flora (USA.). cf. *Cephalanthera austinae* (A.Gray) A.Heller 1900.
australe: of, or relative to the south. cf. *Prasophyllum australe*. Noted as endemic to Aust.
australianus: of, or belonging to the south. ex NZ. and eastn. Aust., cf. *Calochilus australianus*. F.Muell.1865. syn. *C. campestris*.

australiense: from Australia (ex nth. Qld.). cf. *Dendrobium hollrungii* var. *australiense* Rendle 1899. syn. *D. smillieae*. Pers.coll., fairly common ex PM.PNG., see notes at *smillieae*.

australiensis: from Australia. Also could mean: of the south + origin; from, etc. Had to check this thoroughly, as it's also listed as being fairly common ex **South** Africa (the term for this: see allopatric). cf. *Monadenia australiensis* Rupp. syn. *Disa bracteata*. Would also like to ref. to *Podochilus australiensis* (F.M.Bailey) Schltr. Pers.coll., fairly common ex PM.PNG.

australis: of, or relative to the south. cf. *Phaius australis* F.Muell.1858. Noted as endemic to nthn. Qld. and NT., Aust.

australora: of the south + belonging to. cf. *Caladenia longicauda* ssp. *australora*. Noted as endemic to s.west Aust.

Australorchis: Brieger 1981: of the south; southern + orchid. syn. *Dendrobium* Sw.

Australorchis: of the south + orchid.= *Dendrobium* section.

austriaca: of, or belonging to Austria. cf. *Gymnadenia austriaca* (Teppner & E.Klein) P.Delforge 1998.

Austroalpinae: those of the south + alpine. Or, of the sthn. Alps.= *Disa* section.

austrobrasiliensis: of the south + Brazil + from. cf. *Erythroides austrobrasiliensis* (Porsch) Pabst 1957.

austrocaledonicum: cf. *Dendrobium austrocaledonicum* Schltr.1906. This is one of the many that Dr.Schlechter named during his expeditions to German New Guinea (: PNG.). He did collect from New Caledonia, so the specep.: belonging to sthn. (New) Caledonia. If this specep.was given to an *Ophrys*, eg. then it would mean: belonging to sthn. Scotland, as *caledonicum*, *caledonicus* is listed as, correctly: belonging to Scotland.

Austrocymbidium: southern + *Cymbidium*. = *Cymbidium* section.

austrojaponicum: belonging to sthn. Japan, cf. *Cymbidium dayanum* var. *austrojaponicum* Tuyama 1941. syn. *C. dayanum*.

austrokiusiuensis: Lat'd. and phonetic spelling for place name: from sthn. Kyushu Island, Japan. cf. *Calanthe austrokiusiuensis* Ohwi 1936. syn. *C. alismifolia*.

austrooccidentalis: of the south and of the west. From the given locations could also ref. to the **south** + of Kasai **Occidental** [: of the **west**] (admin. division), Congo (DRC.), Africa (?). cf. *Eulophia austrooccidentalis* Sölch 1956. syn. *E. speciosa*.

austrosinense: *austro*+ *sinense*: from sthn. China. cf. *Thrixspermum austrosinense* T.Tang & F.T.Wang 1974. syn. *T. annamense*.

austrosinensis: as *austrosinense*. cf. *Habenaria austrosinensis* T.Tang & F.T.Wang 1936.

austroyunnanensis: from south Yunnan (Prov.), China. cf. *Oberonia austroyunnanensis* S.C.Chen & Z.H.Tsi 1982.

autanensis: for place name (+ from), only listed as ex Venezuela. cf. *Mormodes vernixioidea* ssp.*autanensis* Salazar & G.A.Romero 1994.

author: in my expls., when I say "author", then it's for the person's literary accomplishments. Not as the "author" in the next listing.

author: in bot. terminology: the person who published the first valid generic name. The name of the author, or a recognised abbr. of it, should follow a generic name for it to be technically complete, eg. *Dendrobium oxysepalum* Schltr. If the rank of a taxon at the genus level, or below, is changed, with the specep. retained, then the name of the orig. author is also retained in brackets before the name of the person who made the change. eg. *Dendrobium comatum* (Blume) Lindley. syn. *Flickingeria comata* (Blume) A.D.Hawkes. If a name proposed by one person, but not published by him, is published by another and ascribed to the first author, then the generic name is followed by the name of this person, followed by "ex" (: described by) and then the name of the publishing author. eg. *Phreatia crassiuscula* F.Muell. ex Nicholls. Thus it is possible for someone to publish (: be an author) and yet have no knowledge of that plant whatsoever! eg. If the "author" becomes incapacitated (or dies) and then the generic name is published by someone else.

auto-: ref. autos: self. Used in combwds., eg. see next entry.

autogama: self + ref. gamos: marriage; union: self-pollination. + See selfing. cf. *Polystachya cultriformis* var. *autogama*. syn. *P. cultriformis*.

autogamy: self + marriage; union. The act of self-pollination. + Ref. autogamous. Also see selfing, cleistogamy, etc.

autotrophy, autotrophic: self + feeding; self sufficient, one that produces its own sustenance by photosynthesis. Not a parasite, or saprophyte (+ see holomycotrophic).

autumnale: of, or relative to autumn. cf. *Limodorum autumnale*. syn. *Spiranthes cernua*.

autumnalis: as *autumnale*. cf. *Eriochilus autumnalis*. Noted as endemic to Aust.

Auxopus: Schltr.1905: ref. auxo: grow; increase + see -pus: foot. Ref. the pedicel and ovary which elongate after fertilization (the term for this, see accrescent). eg. *Auxopus kamerunensis* Schltr. (: from Cameroon).

auyantepuiensis: from Auyan Tepuy, a massive plateau in Canaima N.Park, Guiana Highlands, eastn. Venezuela. cf. *Maxillaria auyantepuiensis* Foldats 1961.

avana: belonging to Ava, a village on the Irrawaddy River, central Myanmar. cf. *Habenaria avana* Hook.f.1890.

avenacea: have only read the one brief desc. and this could have a few different meanings. The suffix, is OK, see -acea: like, etc., but *aven-* could ref. to *avenius*: not veined, or *avena*: reed; oats. Possibly the slender raceme is likened to oats, as the semi-expanded flowers are pale yellow and nutant (like oats). Or ref. the stem, which could be likened to a reed. With *avenius* (: not veined), in the description there wasn't any mention to the veining (?). cf. *Pleurothallis avenacea* Ames (syn.).

aveniformis: without + vein + form. Without veins is a difference to others of its ilk. cf. *Pleurothallis aveniformis*.

averyanoviana: as *averyanovii*. ex Vietnam, cf. *Liparis averyanoviana* Szlach.1993.

averyanovii: listed for orig.coll., phytologist and authority L.V.Averyanov [+ of] (also, noted his name as Aver'yanov ?). Descs. accr. to him are abbr. to: Aver. ex Vietnam, cf. *Bulbophyllum averyanovii* Seidenf.1992.

aves-seriales: birds in rows. cf. *Pleurothallis aves-seriales*. syn. *P. penduliflora*.
aveyronensis: from Aveyron Department (admin. division), sthn. France. cf. *Ophrys sphegodes* ssp. *aveyronensis* J.J.Wood 1983.
avian: of, or relative to birds. An English adaption, ref. *avis*: bird.
avicella: ref. *avis*: bird + dimin.: small bird. cf. *Bulbophyllum avicella*. syn. *B. membranaceum*.
aviceps: bird + see -*ceps*: small head. cf. *Angraecum aviceps*.
Aviceps: Lindley 1838: bird + head. Listed as alluding to a flower. syn. *Satyrium* Sw.
avicula: ref. *avis* + suffix: small bird. cf. *Lanium avicula*.
avicularia: as *avicularium*. cf. *Aerangis avicularia*. syn. *A. rostellaris*.
avicularium: small bird + belonging to; place of. Ref. the rostellum. cf. *Angraecum avicularium*. syn. *Aerangis rostellaris*.
aviculoides: bird + small + resembling. But, may have been compared to *Habenaria avicula* (? + -*oides*: resembling). cf. *Habenaria aviculoides*.
aviculum: as *avicula*. cf. *Epidendrum aviculum*. syn. *Lanium avicula*.
avis: bird. cf. *Lepanthes avis*.
avirostris: bird + beak(-ed). cf. *Pleurothallis avirostris*.
awn: a terminal bristle-like projection. The term is esp. applicable to grains and grasses and also noted that "awn" is only supposed to apply to floral bracts. More see *arista*.
axes: plural of axis. See axis.
axil: listed as borrowed from *axilla*: the arm-pit. The upper angle formed by the junction of a leaf, bract, pedicel, or other organ, with a stem, or axis. + See inflorescences.
axile placentation: axile: of or relative to an axis. + See placentation.: For when the capsule is trilocular (: three-chambered) and the ovules are arranged along the (central) axis. As distinct from a unilocular capsule, where the ovule arrangement is: parietal placentation (ie., on the walls), see "P".
axillare: see axillary. cf. *Dendrobium axillare*.
axillaris: see axillary. cf. *Vanilla axillaris*. syn. *V. mexicana*.
axillary: of organs within an axil, eg. a raceme arising from an axil is so termed. + See lateral.
axine: descwd., an axe (usually for the head only, for the shape). + Noted, *axinidion*: a small axe. When used as a suffix *axin-*, could be for either.
axinopterum: see *axine* + wing. cf. *Otoglossum axinopterum*.
axis: lit., an axle; a central stem on which other organs are arranged. For us, mostly refs. to the main flower stem. + See peduncle, rachis, inflorescences.
ayabacana: belonging to Ayabaca (village), Piura Department, Peru. cf. *Masdevallia ayabacana* Luer 1978.
ayabacanum: as *ayabacana*. cf. *Oncidium ayabacanum* D.E.Benn. & Christenson 1998.
ayacuchoensis: for place name: from Ayacucho Department, and/or the city, of s.west Peru. cf. *Cynoches cooperi* ssp. *ayacuchoensis* D.E.Benn. & Christenson 1998.
ayangannensis: for place name (+ from), only listed as ex Guyana. cf. *Habenaria ayangannensis* Renz 1992.

aymoninii: listed for French botanist, Gerard G.Aymonin (b1934). ex France to Spain, cf. *Ophrys insectifera* ssp.*aymoninii* Breistr.1981.

azorica: belonging to the Azores: a group of islands in the Atlantic Ocean (Portugese territory), west of Spain. cf. *Platanthera azorica* Schltr.1920. syn. *P. micrantha*.

azuayensis: for place name: from the province of Azuay, Ecuador. cf. *Caucaea azuayensis* (Kraenzl.) N.H.Williams & M.W.Chase 2001.

azulense: from the Cordillera Azul (mtn. range), Peru. cf. *Epidendrum azulense* D.E.Benn.& Christenson 1998.

azulensis: as *azulense*. cf. *Maxillaria azulensis* D.E.Benn.& Christenson 2001.

azurea: see *azureus*. cf. *Thelymitra azurea*. Noted as endemic to sthn. Aust.

azureus: a colour term: a light, bright, pure blue, as sky blue. Hence our Eng. word: azure.

babianifolia: listed as ref. the genus *Babiana*: a plant of the iris family, *Iridaceae* + leaf. cf. *Pogonia babianifolia* Voigt 1845 (syn.).

babiense: for place name: from Batubabi (village), Kalimantan Selatan, sthn. Borneo. cf. *Dendrobium babiense* J.J.Sm.1912.

babiensis: as *babiense*. cf. *Appendicula babiensis* J.J.Sm.1912.

baborica: refs. to Babor (+ belonging to), a mtn.range (Massif des Babors) of Algeria, n.west Africa. cf. *Orchis maculata* ssp.*baborica* Maire & Weiller. syn. *Dactylorhiza battandieri*.

Babtistonia: have only seen this the once, probably a typerror? See *Baptistonia*, to which there are many refs.

bacata: as *bacatum*. ex Belize, cf. *Habenaria bacata*.

bacatum: was listed as such, see *baccate*. Ref. *bacatus*: of pearls. Or, ref. *baca*: berry; pearl; olive (fruit) + suffix: like; having. Ref. the small spherical attachments fringing the labellum apical lobe. cf. *Oncidium bacatum*. + See *baccatum*.

baccate: ref. *bacca*: same as *baca*, seems it can be spelled either way.+ See *bacatum*: berry-like; berried. Having organs, or parts likened to berries (or an olive, or pearl).

baccatum: is the official listing. See *baccate* and *bacatum*. cf. *Oncidium baccatum*.

baccatus: descwd., used in descriptions, see *baccate*.

bachmaensis: from Bach Ma (village) and/or ref. the N.Park, of eastn. central Vietnam. cf. *Calanthe bachmaensis* Gagnep.1950. syn. *Phaius tankervilleae*.

bacillaris: ref. *bacillum*: small rod; stick + suffix, see *-are*: of; relative to. cf. *Trichosalpinx bacillaris*.

bacilliferum: ref. *bacillum*: small rod; stick + see *-fer*: bearing. cf. *Bulbophyllum bacilliferum*.

back-bulb: older stems, or pseudobulbs., that have finished growing, flowering and have usually dropped their leaves, but are obviously not dead (yet). They are still serving as store-houses for food and nourishment for the newer growths. They can easily be used to increase your collection, see *back-cutting*.

backcross: a cross between an individual and one of its parents. + See *cross*, *hybrid*.

back-cutting: the division of a plant by cutting between the stems, or pseudobulbs. Be careful you don't damage the basal "eyes" (for the new growths). + See *layering*, *sympodial growth*, *vegetative propagation*.

backeri: listed for botanist and author, Cornelis Andries Backer (1874-1963). ex Java, cf. *Ceratostylis backeri* J.J.Sm.1913.

backhousiana: belonging to Backhouse. For the horticultural company of Messrs. Backhouse of Yorkshire, Eng. Orig. proprietor: James Backhouse (1794-1869), a naturalist, botanist and author, who also collected widely in Aust. ex Colombia, cf. *Trichopilia backhousiana* Rchb.f.1876.

backhousianum: as *backhousiana*. ex Ecuador, cf. *Zygopetalum backhousianum* (Rchb.f.) Rchb.f.1895. syn. *Pescatoria backhousiana* Rchb.f.1877.

baculibulbum: ref. *baculum*: rod; staff; stick + bulb. Ref. the stem-like pseudobulbs. cf. *Epidendrum baculibulbum*. syn. *Prosthechea vespa*.

baculiferum: rod; stick + see *-fer*: bearing. Probably ref. the projections at tips of the sepals, cf. *Bulbophyllum baculiferum*.

baculus: ref. *baculum*: rod; staff; stick. Ref. the stems. cf. *Prosthechea baculus*.

badia: see *badius*. For the predominant colour of the flowers. cf. *Galeandra badia*.

badius: a vague colour term: shades of brown. Noted, it can be a bay to a deep brown, but mostly taken as a chestnut brown.

baeuerleniana: belonging to Bauerlen, as *baeuerlenii*. ex New Guinea, cf. *Eria baeuerleniana* Kraenzl.1911.

baeuerlenii: listed for orig.coll., W.Bauerlen (+ of) c1889. ex New Guinea, cf. *Dendrobium baeuerlenii* F.Muell.& Kraenzl.1894.

baeurlenii: as *baeuerlenii*. cf. *Pedilonum baeurlenii*. syn. *Dendrobium baeuerlenii*.

baezense: from Baeza, a town of Napo Prov., Ecuador. cf. *Epidendrum baezense* Hágsater & Dodson 1993.

baginsensis: for place name (+ from), only listed as ex Eritrea, the Arabian Peninsula and sthn. Africa. cf. *Eulophia baginsensis* Rchb.f.1878. syn. *E. petersii*.

bagoense: from Bago, a town of sthn. NSW., Aust. cf. *Prasophyllum bagoense* D.L.Jones 2000. Noted as endemic.

bahamense: from The Bahamas. cf. *Oncidium variegatum* ssp.*bahamense* (Nash) Withner 1980. + Of interest, see *bajamarensis*.

bahamensis: as *bahamense*: cf. *Encyclia bahamensis* (Griseb.) Britton & Millsp.1920. syn. *Encyclia rufa*.

bahanensis: for place name (+ from), only listed as ex Yunnan Prov., China. cf. *Malaxis bahanensis* (Hand.-Mazz.) T.Tang & F.T.Wang 1951.

bahiana: belonging to Bahia, see *bahiense*. cf. *Vanilla bahiana* Hoehne 1950.

bahiense: from Bahia (state), Brazil. cf. *Epidendrum bahiense* Rchb.f.1859. syn. *E. nocturnum*.

bahiensis: as *bahiense*. cf. *Sophronitis bahiensis* (Schltr.) Van den Berg & M.W.Chase 2000.

bahorucana: belonging to Bahoruco, see *bahorucense*. May be from the same area, but there is also Bahoruco village on the sthn. peninsula of Haiti, Hispaniola. cf. *Lepanthes bahorucana* Hespenh. & Dod 1989.

bahorucense: see *bahorucana*, and/or from Sierra de Bahoruco mtn. range (+ a N.Park) of central sthn. Hispaniola, Dominican Republic. cf. *Epidendrum bahorucense* Hágsater & L.Cerv.2001.

bahorucensis see *bahorucana*, *bahorucense*. cf. *Pleurothallis bahorucensis* Luer 1999.

baicalica: Lat'd. spelling for place name: Lake Baikal, and/or ref. the Baikal Mtns., central sthn. Siberia + suffix: belonging to. cf. *Dactylorhiza x baicalica* Aver.1986.

baileyana: belonging to Frederick Manson Bailey (1827-1915). Famous Aust. phytologist, collector and author. Lived in Qld. and from 1875 was Colonial Botanist until his death. cf. *Phreatia baileyana* Schltr.1911. syn. *Octarrhena pusilla*. Listed as endemic to nth. Qld., Aust. but must have a twin, as pers.coll., fairly common ex PM.PNG.

baileyi: see *baileyana*. cf. *Dendrobium baileyi* F.Muell.1874. Pers.coll., fairly common ex PM.PNG.

bairdiana: belonging to J.C.Baird (orig.coll.). cf. *Callista bairdiana* (Bailey) Kuntze 1891. syn. *Dendrobium fellowsii*. Noted as endemic to nth. Qld., Aust.

bairdianum: see *bairdiana*. cf. *Dendrobium bairdianum* Bailey 1886. syn. *D. fellowsii*.

bajamarensis: for place name: from the Bahamas. Listed as Spanish spelling, *bajamar*: lit., “shallow water” + origin; from, etc. Ref. The Commonwealth of the Bahamas, s.east of Florida, USA. cf. *Encyclia* x *bajamarensis* Saulea & R.M.Adams 1981.

bakeri: for botanist and author, Edmund Gilbert Baker [+ of] (1864-1949). Descs. accr. to him are noted as Baker f. ex Africa, cf. *Eulophia bakeri* Rolfe 1912. syn. *E. ovalis*.

bakhuizenii: of Bakhuizen. Listed for author, collector, botanist and authority, Reinier Cornelis Bakhuizen van den Brink (1881-1945). Descs. accr. to him are abbr. to: Bakh. ex Sumatra to Java, cf. *Saccolabiopsis bakhuizenii* J.J.Sm.1918. + See next entry.

bakhuizenii: listed for orig.coll., Reinier Cornelis Bakhuizen van den Brink [jnr.] (1911-1987). Author, phytologist and authority who collected in the Asia-Pacific region. Descs. accr. to him are abbr. to: Bakh.f. ex Java, cf. *Bulbophyllum bakhuizenii* Steenis 1972.

bakonyensis: from the Bakony Mtns., Veszprém County, Hungary. cf. *Ophrys bakonyensis* Soó 1973. syn. *O. x aschersonii* Nanteuil 1887.

bakossorum: of, or belonging to the Bakossi (aka., Kossi), a Bantu speaking ethnic group, mostly of westn. Cameroon, Africa. An oblique ref. to where this species was found, cf. *Bulbophyllum bakossorum* Schltr.1905. syn. *B. falcatum* var.*bufo*.

bakrense: for place name (+ from), only listed as ex French Guiana. cf. *Epidendrum bakrense* Hágsater & G.Cremers 1999.

balabacense: as *balabacensis*. cf. *Crepidium balabacense* (Ames) Szlach.1995. syn. *Malaxis balabacensis*.

balabacensis: for place name: from Balabac Island, off sthn. tip of Palawan, Philipp. cf. *Malaxis balabacensis* Ames 1911.

balabaniana: belonging to Balabani (: Balabanli), a town of Çanakkale Prov., Turkey. cf. *Dactylorhiza* x *balabaniana* H.Baumann 1983.

baladeanum: belonging to Balade, a coastal village of n.east New Caledonia. cf. *Bulbophyllum baladeanum* J.J.Sm.1912.

balaeniceps: ref. *balaena*: whale + see *-ceps*: head. Ref. the flower shape. cf. *Bulbophyllum balaeniceps*.

balakrishnanii: for phytologist and author, Nambiyath Puthansurayil Balakrishnan (b1935). ex India, cf. *Oberonia balakrishnanii* R.Ansari 1990.

balanophorostachya: acorn + bearing + spike. Ref. *balanos*: acorn (Eng., balanoid: acorn-like), refs. to the inflorescence. cf. *Skeptrostachys balanophorostachya*.

balanophorostachyum: as *balanophorostachya*. cf. *Stenorrhynchos balanophorostachyum* (Rchb.f.) Cogn. 1895. syn. *Skeptrostachys balanophorostachya*.

balansae: listed for orig.coll., botanist and author, Benedict Balansa (+ of). Descs. accr. to him are abbr. to: Bal. ex New Caledonia, cf. *Calanthe balansae* Finet 1900.

balapiuense: for place name (+ from), only listed as ex Sulawesi (Celebes) Indon. cf. *Bulbophyllum balapiuense* J.J.Sm.1917.

balcanica: belonging to the Balkan Peninsula, and/or the Balkan Mtns., Bulgaria. cf. *Ophrys balcanica* Soó.

balearica: for place name: belonging to the Balearic Islands, east of Spain, Mediterranean Sea. cf. *Ophrys bertolonii* ssp.*balearica* (P.Delforge) Soca 2001.

balfouriana: listed for orig.coll., D.P.Balfour (+ belonging to) who collected in NZ., Asia-Pacific region and Africa, late 1800s. cf. *Coelogyne balfouriana* Sander.

balfourianum: as *balfouriana*. ex New Guinea, cf. *Bulbophyllum balfourianum* Hort.c1915. syn. *B. macrobulbum*.

balfourii: of Balfour. Listed for phytologist and author, Isaac Bayley Balfour (1853-1922). Descs. accr. to him are abbr. to: Balf.f. ex Mauritius, cf. *Aeranthus arachnites* var. *balfourii* S.Moore 1877.

baliensis: for place name: from Bali (island), Lesser Sunda Islands, Indon. cf. *Appendicula baliensis* J.J.Sm.1927.

ballantiniana: see *ballentinianum*. ex Brazil, cf. *Cattleya* x *ballantiniana* Rchb.f. syn.

ballentinianum: see *ballentinianum*. cf. *Aerides ballentinianum* Rchb.f.1885. syn. *A. odoratum*.

ballatrix: a dancer; one who dances. cf. *Lepanthes ballatrix*.

ballentinianum: belonging to Ballentine (Ballantine?). Listed for a valued employee of Baron Schroeder of "The Dell", near Staines, Eng. (+ see *schroederiana*). ex China to trop. Asia, cf. *Aerides ballentinianum* Rchb.f.1885. syn. *A. odoratum*.

ballii: listed for orig.coll., botanist and author J.S.Ball (+ of). A major work of his: "Southern African Epiphytic Orchids" 1978. ex Zimbabwe, cf. *Bulbophyllum ballii* P.J.Cribb 1977.

balsamea: of balsam, ref. *balsamum*: shrubs of the balsam family: *Balsaminaceae*.+ Ref. the aromatic, medicinal resin used in unguents, perfumes, etc. Probably for the perfume or, for some other superficial likeness. cf. *Lycaste balsamea*. syn. *L. cruenta*.

baltica: belonging to the Baltic region, ie., probably from one of Baltic countries, or islands (my refs. say: of Lithuania, Latvia and Estonia), n.east Europe. cf. *Dactylorhiza baltica* (Klinge) N.I.Orlova 1970. syn. *D. longifolia*.

bambiliense: for place name: from Bambili. Have two refs., both in Congo (DRC.), one a town of Orientale, the other a village of Équateur. cf. *Bulbophyllum bambiliense* De Wild.1916. syn. *B. scaberulum*.

bambu-: ref. *bambusa*. A separate entry to save much repetition. Listed as orig. ex the Malay language, *bambu*, is not solely for bamboo and can include many tall, cane-like grasses. For brevity, mostly I say *bambu-* is for bamboo.

bambusaceum: see *bambu*+ like, etc. cf. *Epidendrum bambusaceum*.

bambusaceus: see *bambu*+ like, etc. cf. *Elleanthus bambusaceus*. syn. *E. scopula*.

bambusaefolia: see *bambu*+ leaf. cf. *Arundina bambusaefolia*. syn. *A. graminifolia*.

bambusarum: of, belonging, or relative to bamboo. cf. *Cleisostoma bambusarum*.

bambusetorum: bamboo +-etorum: habitat. cf. *Habenaria bambusetorum*. syn. *Peristylus gracilis*.

bambusicola: bamboo + dweller; resident. cf. *Oberonia bambusicola*. syn. *O. brachystachys*.

bambusifolia: bamboo + leaf. cf. *Eria bambusifolia*.

Bambusifolia: bamboo + leaf.= *Eria* section.

bambusifolium: bamboo + leaf. cf. *Cymbidium bambusifolium*. syn. *Arundina graminifolia*.
bambusifolius: bamboo + leaf. cf. *Cylindrolobus bambusifolius*. syn. *Eria bambusifolia*.
bambusiforme: as *bambusiformis*. cf. *Dendrobium bambusiforme*.
bambusiformis: bamboo + shape; form. An allusion to the plant appearance. cf. *Glomera bambusiformis*.
bambusinum: bamboo + see -ina: like, etc. cf. *Dendrobium bambusinum*.
bampsiana: belonging to Bamps. For phytologist and author, Paul Rodolphe Joseph Bamps (b1932). ex Zaire, Africa, cf. *Vanilla bampsiana* Geerinck 1982.
banaense: reported to be: from Mt.Bana (Ba Na?), Vietnam. Can't locate it and there are many places with the same name, or similar. cf. *Dendrobium banaense* Gagnepain 1930. syn. *D. spatella*.
banaensis: as *banaense*. cf. *Eria banaensis* Gagnepain 1930. syn. *Ceratostylis siamensis*.
bancalarii: listed for orig.coll., Dr.Carlos Bancalari M.D., a keen botanist. ex Jalisco state, Mexico, cf. *Laelia bancalarii* R.González & Hágsater 1984. syn. *L. crawshayana*.
bancana: listed as phonetic and Lat'd. spelling for place name: belonging to Bangka, a major island off s.east Sumatra. cf. *Flickingeria bancana* (J.J.Sm.) A.D.Hawkes 1961.
bancanoides: listed as likened to *Malaxis bancana** +-oides: resembling (*see *bancana*). cf. *Malaxis bancanoides* Ames 1908.
bancanum: as *bancana*. cf. *Dendrobium bancanum*. J.J.Sm.1909. syn. *Flickingeria bancana*.
bancanus: as *bancana*. cf. *Corybas bancanus* (J.J.Sm.) Schltr.
bancoense: for place name (+ from). Could be from Bancò (village), Guinea-Bissau, and/or see *bancoensis*. cf. *Angraecum bancoense* Burg.1980.
bancoensis: from Banco N.Park, Ivory Coast, west Africa. cf. *Polystachya bancoensis* Burg.1980.
bancroftianum: belonging to Bancroft. Listed for Dr.Joseph Bancroft MD.(1836-1894). cf. *Dendrobium speciosum* var. *bancroftianum*. syn. *D. jonesii* var. *magnificum*. Noted as endemic to Qld., Aust. + See next entry.
bancroftianum: listed for orig.coll., T.L.Bancroft (+ belonging to) of Brisbane, Qld., Aust. cf. *Dendrobium jonesii* ssp. *bancroftianum* (Rchb.f.) M.A.Clem.& D.L.Jones 1989. syn. *D. jonesii* var. *magnificum*.
bancroftianus: for T.L.Bancroft, see last entry. cf. *Thelychiton jonesii* ssp. *bancroftianus* (Rchb.f.) M.A.Clem.& D.L.Jones 2002. syn. *Dendrobium jonesii* var. *magnificum*.
bancroftii: as *bancroftianum*. cf. *Sarcochilus bancroftii* Bailey 1912. syn. *S. dilatatus*.
bandaense: listed for place name: from the Banda Islands, south of Ceram Island, Indon. cf. *Dendrobium bandaense* Schltr.1906.
bandaharaense: for place name (+ from), only listed as ex Sumatra, Indon. cf. *Dendrochilum bandaharaense* J.J.Wood & J.B.Comber 1995.
bandana: looks familiar, but has nothing to do with a bandana. It's: belonging to Banda, see *bandaense*. cf. *Nervilia bandana* (Blume) Schltr.1911.
bandischii: listed for orig.coll., W.H.Bandisch (+ of), who collected in PNG. cf. *Bulbophyllum bandischii* Garay, Hamer & Siegerist 1992.
banfieldii: listed for orig.coll., E.J.Banfield c1905. cf. *Peristylus banfieldii* (F.M.Bailey) Lavarack 1981. Noted as endemic to nth. Qld., Aust.

bangii: listed for botanist and author, A.J.Bange (1896-1950). ex Bolivia, cf. *Habenaria bangii* Schltr.1922.

bangweolensis: listed as phonetic (and Lat'd) spelling for place name: from Lake Bangweulu, or to the east of the lake, the Bangweulu Swamps. Noted, in the Bantu language, it means: "large water", is one of the world's largest wetland areas and is part of the Congo River system. ex Zambia, Africa, cf. *Eulophia bangweolensis* Schltr.1916. syn. *Eulophia longisepala*.

banksiana: belonging to Banks, see *banksii*. ex nthn. USA., Canada, etc., cf. *Listera banksiana* Lindley 1840. syn. *L. convallarioides*.

banksii: listed for Sir Joseph Banks [+ of] (1743-1820). Born in London, Eng. and at age 21, inherited a large fortune which allowed him to pursue his passion for botany and natural history. A brilliant scientist, he sailed as Science Officer, Botanist with Lieut.James Cook 1768, in HMS.Endeavour on the historic expedition to Aust. and returned July 1771. In 1778 was elected President of the Royal Society and served at this post until his death. He was primarily responsible in establishing the Royal Botanic Gardens of Kew, Eng. as a powerful international seat of Botany. cf. *Pterostylis banksii* R.Br.ex A.Cunn.1832. Noted as endemic to NZ. and Chatham Islands.

bantaengense: as *bantaengensis*. cf. *Pedilochilus bantaengense* J.J.Sm.

bantaengensis: from Bantaeng (village) Sulawesi Selatan, sthn. Sulawesi, Indon. cf. *Oberonia bantaengensis* J.J.Sm.1928.

bantamensis: from Bantam (noted as a district), Java, Indon. cf. *Habenaria bantamensis* J.J.Sm.1913. Trivium: this is also reputed to be from where the "bantam", a (now, domestic) dwarf fowl, originated.

baoshanense: from Baoshan city, westn. Yunnan Prov., China. A natcross of *Cymbidium lowianum* x *C. tigrinum*. cf. *Cymbidium* x *baoshanense* F.Y.Liu & Perner 2001.

baotingensis: from Baoting city, Hainan Prov., China. cf. *Anoectochilus baotingensis* (K.Y.Lang) Ormerod 2003.

baoulensis: for place name (+ from). Could ref. to either the Boucle **Baoule** N.Park, or the **Baoulé** River of Mali, Africa. cf. *Eulophia baoulensis* A.Chev. syn. *E. odontoglossa*.

baphicanthum: ref. *baphikos*: of, or to do with dyeing. Likened to being dyed + flower. cf. *Odontoglossum* x *baphicanthum* Rchb.f. syn. *O.* x *andersonianum*.

x *Baptacidium*: auct.1999: may have been for a combination of ***Baptistonia*** + ***Oncidium***.
Or, *Baptistonia* + small, or like (? , probably the former). syn. *Oncidium* Sw.

x *Baptiguezia*: Lorincz & J.M.H.Shaw. On the syn. list, cf. ***Baptistonia*** x ***Rodriguezia***.

x *Baptirettia*: auct. On the syn. list, cf. *Comparettia* x ***Baptistonia*** (syn. *Oncidium*).

Baptistania: Barb.Rodr. ex Pfitzer 1889, see *Baptistonia* syn. *Oncidium*.

baptistii: listed for orig.coll., John Baptist. cf. *Pterostylis baptistii* Fitzg.1875. Noted as endemic to eastn. Aust.

Baptistonia: Barb.Rodr.1877. Listed for Baptista Caetano d'A.Nogueira an eminent philologist (philology: study of languages). syn. *Oncidium* Sw.

barahonensis: from Santa Cruz de Barahona city, and/or ref. Barahona Prov., s.west Dominican Republic. cf. *Lepanthopsis barahonensis* (Cogn.) Garay 1969.

x *Barangis*: auct. Probably a contraction of ***Barombia*** and ***Aerangis***. syn. *Aerangis*.
barauensis: from Barau (village), Turkistan Pamirs, Tajikistan. cf. *Ophrys* x *barauensis* J.M.Lewin.
barbacenensis: from Barbacena. May be for a city of Minas Gerais and/or a village of Pará (states), Brazil. cf. *Pleurothallis barbacenensis* Barb.Rodr.1881.
barbaceniae: of Barbacena. For the city (?), as it is listed as ex Minas Gerais state, Brazil. cf. *Oncidium barbaceniae* Lindley 1855.
barbae: refs. to Barva (aka. **Barba**, + of), a town of Heredia Prov., Costa Rica. cf. *Epidendrum barbae* Rchb.f.1866.
barbarae: cf. *Corybas barbarae* D.L.Jones 1988, ex Qld., Aust. Noted he named it for his wife, Mrs.Barbara E.Jones (NB. the orig.colls. are listed as D.L.& B.E.Jones, so obviously they were together on a field trip). + See next entry.
barbarae: of Barbara, obviously for a lady's given name, but can't determine who the lady is. Did an entry because I have listed synonyms that refer to this species. cf. *Pleione* x *barbarae* Braem 1999. Noted as ex China to Vietnam.
barbarella: beard + small. Could also be ref. *barbaros* (see *barbarossa*) + dimin.: (a) stranger, etc.+ small. ex West.Aust., cf. *Caladenia barbarella*.
barbaricina: barbaric + of; like, etc., and/or see *barbaricum*, *barbarossa* (?). ex Sardinia, cf. *Ophrys* x *barbaricinum* M.Allard & M.P.Grasso.
barbaricum: ref. *barbaros*: alien; foreign + of; like; belonging to. Can be: extravagantly strange; barbarous; rude; crude, etc. cf. *Epidendrum barbaricum*.
barbarossa: ref. *barbaros*: foreign; alien. Foreigner; stranger; barbarian, etc. Can also infer: very hairy; heavily bearded Listed as an allusion to the flower's hairy sinister appearance. cf. *Caladenia barbarossa*. Noted as endemic to West.Aust.
barbata: ref. *barba*: beard + suffix: bearded; like, or having a beard (looks more like a feather to me). cf. *Pterostylis barbata*. Noted as endemic to West.Aust.
Barbata: bearded.= *Oncidium* and *Paphiopedilum* sections.
barbate: ref. *barba*: beard + suffix: like; having. Seen in discussions, mostly: having tufts of relatively long weak hairs. Bearded.
barbatochlorops: actually means: bearded + green + face. But, noted the specep. is taken from the parents, as it's a reported natcross of *Dendrobium barbatulum* (: *barbato*-) x *D. chlorops*. cf. *D. x barbatochlorops* Rolfe.
barbatula: bearded + dimin. cf. *Callista barbatula*. syn. *Dendrobium barbatulum*.
barbatulum: having a small beard. cf. *Dendrobium barbatulum*.
barbatum: bearded. Ref. underside of labellum. cf. *Bulbophyllum barbatum*. Noted as endemic to PNG.
barbatus: bearded. cf. *Myanthus barbatus*. syn. *Catasetum barbatum*.
barbed: a small part, projection, or appendage that could be likened to the barb of a fish-hook; arrow, etc. Sometimes a small beard of just a few hairs can be called a "barb". Usually expressed as, *ancistrus*: barbed, hooked, like a fish-hook; *glochideus*: barb of an arrow; *hamatus*: barbed (hooked); *uncinatus*: barbed, hooked. + See *onci*-, *onco*-.

barbelifera: may ref. to a barbel: a small fleshy, beard-like process, most often associated with fishes, but can also ref. to a small beard + bearing. cf. *Lepanthes barbelifera*.

barbellata: having a small beard. Ref. the labellum. cf. *Dryadorchis barbellata*.

barbellatum: as *barbellata*. cf. *Thrixspermum barbellatum*. syn. *Dryadorchis barbellata*.

barberiana: of Barber. Listed for J.T.Barber of Spondon, near Derby, Eng., first to flower it. ex the trop. Americas, cf. *Pleurothallis barberiana* Rchb.f.1881. syn. *P. aristata*.

barbertonii: of Barberton, a gold rush town, now a minor city of Mpumalanga Prov., Sth. Africa. cf. *Habenaria barbertonii* Kraenzl.& Schltr.1897.

barbeyana: belonging to Barbey, see *barbeyi*. ex Costa Rica, cf. *Neolehmannia barbeyana* (Kraenzl.) Garay & Dunst.1976. syn. *Epidendrum barbeyanum*.

barbeyanum: as *barbeyana*. ex Costa Rica, cf. *Epidendrum barbeyanum* Kraenzl.1895.

barbeyi: of Barbey. For botanist and author, William Barbey (1842-1914). ex Russia to Korea, cf. *Cypripedium* x *barbeyi* E.G.Camus, Bergon & A.Camus 1908. syn. *C. x ventricosum*.

barbicollis: beard + ref. *collis*: a hill; slope, + (possibly) ref. *collum*: neck (?). cf. *Stelis barbicollis* Lindl.1859. syn. *S. discolor*.

barbifrons: beard + frond, or foliage (? , see *frondis*). cf. *Eria barbifrons*.

barbigera: as *barbigerum*. cf. *Phyllorkis barbigera*. syn. *Bulbophyllum barbigerum*.

barbigerum: beard + see -gera: bearing. Ref. the labellum. cf. *Bulbophyllum barbigerum*.

barbilabium: beard + lip. cf. *Bulbophyllum barbilabium*. syn. *B. bulliferum*.

barbosae: as *barbosana*. ex Colombia, cf. *Pleurothallis barbosae* Schltr.1921. syn. *P. grobyi*.

barbosana: may be for Barbosa-Rodrigues (+ belonging to), see *Barbosella*. As it is only listed as ex Brazil, it could also be for a place name. Noted villages and a few cities, called Barbosa, in this country. + See *barbozae*. cf. *Pleurothallis barbosana* De Wild.1906.

Barbosella: Schltr.1918. Listed for João Barbosa-Rodrigues (1842-1909) +-ella: respectfull suffix. A famous Brazilian explorer, phytologist, naturalist, artist and author. Descs. accr. to him are abbr. to: Barb.Rodr. ex Venezuela, etc., eg. *Barbosella cucullata*.

barboselloides: see *Barbosella* + suffix: resembling. ex Brazil, cf. *Pleurothallis barboselloides* Hoehne 1934. syn. *P. handroi*.

barbozae: could be for Barbosa-Rodrigues, see *Barbosella*. Also, as this species is listed as ex s.east Brazil, noted two minor cities, Barbosa of São Paulo state and Barbosa Ferraz, Paraná state, Brazil (?). cf. *Maxillaria barbozae* Loefgr.1918.

Barbrodria: Luer 1981. Ref. the abbreviation of Barbosa-Rodrigues: Barb.Rodr. + of (more info, see *Barbosella*). Noted as ex Brazil, cf. *Barbrodria miersii* (Lindley) Luer 1981. syn. *Barbosella miersii* (Lindley) Schltr.1918.

barbulata: beard + dimin. + like; having. Ref. apex of column. cf. *Pleurothallis barbulata*.

x *Bardendrum*: auct. On the syn. list, cf. ***Barkeria* x *Epidendrum***.

barfodii: listed for botanist and author, Anders S.Barfod (b1957). ex Carchi, Ecuador, cf. *Crossoglossa barfodii* Dodson 1993.

bariense: listed for place name: from Bà Rịa, a coastal town of sthn. Vietnam. cf. *Bulbophyllum bariense* Gagnep.1930.

bariense: from Bari (?). See last entry, but this one is listed as ex New Guinea. cf.
Dendrobium bariense J.J.Sm.1934. syn. *Cadetia sepikana* Schltr.1922.

barisana: as *barisanum*. cf. *Distichorchis barisana* (J.J.Sm.) M.A.Clem. 2003. syn.
Dendrobium barisanum.

barisanum: listed for place name: of the Barisan Mtns., west coast sthn. Sumatra. cf.
Dendrobium barisanum J.J.Sm.1917.

barkeri: see *Barkeria*. ex Mexico, cf. *Notylia barkeri* Lindley 1838.

Barkeria: Knowles & Westc.1838. Listed for noted grower, George Barker of Springfield, Illinois, USA., first to import it. ex Mexico, eg. *Barkeria uniflora*.

barkeriana: belonging to Barker, see *Barkeria*. ex Mexico, etc., cf. *Laelia barkeriana* Knowles & Westc.1837. syn. *Laelia anceps*.

barkeriola: small *Barkeria*. ex Mexico, cf. *Barkeria barkeriola* Rchb.f.1884.

x *Barkonitis*: auct. On the syn. list, cf. ***Barkeria* x *Sophronitis***.

x *Barlaceras*: E.G.Camus. On the syn. list, cf. ***Barlia* x *Aceras*** (syn. *Orchis*).

barlae: among the many locations, this one is listed as ex Romania. Ref Bârla (+ of), a minor city of Arges, Romania. cf. *Dactylorhiza majalis* forma *barlae* E.G.Camus 1921. syn. *D. majalis*. + See next entry.

barlae: of Barla, see *Barlia*. ex France, cf. *Ophrys* x *barlae* E.G.Camus 1893.

Barlaea: Rchb.f.1877, see *Barlia*. syn. *Cynorkis* Thouars.

barlaea: see *Barlia*, *barlaeana*. cf. *Cynorkis barlaea* Schltr.1915. syn. *C. anacamptoides*.

barlaeana: listed for J.B.Barla (+ of), the Brazilian consul at Nice, France (+ see *Barlia*, should be the same man?). ex Peru, cf. *Masdevallia barlaeana* Rchb.f.1876.

Barlia: Parl.1858. Listed for orig.coll., botanist and naturalist, Jean Baptiste Barla (1817-1896). ex the Mediterranean region, eg. *Barlia robertiana* (Loisel.) Greuter 1967.

x *Barlorchis*: Kalop.& Constantin.1993: the name was taken from the parents. Listed as a cross of *Barlia robertiana* x *Orchis italica* and is noted as monotypic in south east Europe. ex Greece, cf. x *Barlorchis salaminensis* Kalop.& Constantin.1993.

barombensis: listed for place name: from Barombi Station, Cameroon, west. Africa. cf.
Lissochilus barombensis Kraenzl.1893. syn. *Oeceoclades saundersiana*.

Barombia: Schltr.1914: of Barombi, see *barombensis*. eg. *Barombia gracillima*. syn. *Aerangis gracillima*.

Barombiella: Szlach.2003: see *Barombia* + small. syn. *Rangaeris* (Schltr.) Summerh.

Baroniangraecum: Baron's *Angraecum* (see *baronii*).= *Angraecum* section.

baronii: listed for Eng. missionary, the Rev.Richard Baron [+ of] (1847-1907). A prolific author and serious investigator of Madagascan flora. Over 35yrs. he amassed a vast collection and priceless store of information. cf. *Angraecum baronii* (Finet) Schltr.1915.

barrens: listed in ref. to habitat, esp. USA. and Canada. An area of mostly fairly level, scarcely productive, poorly forested land with usually arenaceous soil. + Ref.
“acid barrens”: those having concentrations of acid salts.

barrensis: for place name (+ from), only listed as ex Brazil. cf. *Stelis barrenensis* Lindley.

barrereana: may be for a person's name (+ belonging to). Could ref. to Barrère (village), sthn. peninsula of Haiti, also it's noted as ex French Guiana, but am unable to locate. cf. *Vanda barrereana* Veyret & Szlach.1995.

barrettii: listed for orig.coll., Charles Leslie Barrett (1879-1959). Author, orchidist, naturalist and journalist of Groote Eyelandt, NT., Aust. cf. *Cymbidium canaliculatum* var. *barrettii* Nicholls 1942. syn. *C. canaliculatum*. Pers.coll., see *canaliculatum*.

barrina: as *barrinum*. ex westn. Africa (Nigeria, etc.), cf. *Habenaria barrina* Ridl.1887.

barrinum: ref. *barrus*: elephant + suffix, see *-ina*: like, etc., or ref. *barrinus*: of elephants. Listed as a fanciful allusion to a flower. cf. *Bulbophyllum barrinum*. syn. *B. flavescens*.

Bartholina: R.Br.1813. Listed for Danish anatomist, Dr.Thomas Bartholin (+ of). ex Sth.Africa, eg. *Bartholina burmanniana* (L.) Ker Gawl.1818.

bartlettii: for orig.coll., F.W.Bartlett (+ of). cf. *Caladenia bartlettii* (Hatch) D.L.Jones, Molloy & M.A.Clem.1997. Noted as endemic to North Island, NZ.

bartonii: listed for botanist, William Charles Barton (+ of). ex Myanmar, etc., cf. *Dendrochilum bartonii* (Ridl.) Schltr.1911. syn. *D. longifolium*.

basal: ref. *basalis*: of, or towards the base. Anything to do with the base, eg. basal leaf.

basale: see basal. cf. *Dendrochilum basale*.

basalis: see basal. cf. *Epiblastus basalis*.

basaltica: maybe for a flower colour (as basaltic), or was found growing among, or near basalt. Ref. basalt: a very hard kind of igneous rock, mostly, a dark green colour. After cooling, from when it was molten lava, it often split into four, five, or six-sided. columns. More info., read up on petrology: the study of rocks. cf. *Pterostylis basaltica*. Noted as endemic to Vic., Aust.

baseyana: listed for orig.coll., F.L.Basey, ex nth. Qld., Aust. cf. *Dockrillia baseyana* (St.Cloud) Rauschert 1983. syn. *Dendrobium teretifolium* var. *fasciculatum*.

baseyanum: as *baseyana*. cf. *Dendrobium baseyanum* St.Cloud 1955. syn. *D. teretifolium* var. *fasciculatum*.

basidium: descwd., was in a discussion. Lit.: a small pedestal and the ref. was to the column.

basifoliata: basally + leafed. cf. *Brachycorythis basifoliata*.

basifoliatum: basally leafed. cf. *Amitostigma basifoliatum*.

Basigyne: J.J.Sm.1917: low + woman. Ref. the basal stigma of the column. syn. *Dendrochilum* Blume.

basilanense: for place name: from Basilan Island, off westn. tip of Mindanao, Philipp. cf. *Dendrobium basilanense* Ames.1912.

basilanensis: as *basilanense*. cf. *Oberonia basilanensis* Ames.

basilare: ref. *basilaris*: at, or of the base; basal. Probably for the inflo., comes from the base of the stem. cf. *Epidendrum basilare*. syn. *E. stamfordianum*.

basilica: lit., belonging to the base, or ref. *basilikos*: royal; (of) royalty. Can also be to do with a Roman public building, or hall (mostly used for public business). Sometimes the term was conferred as an honorary, for some churches, selected

by Popes, eg. the very famous, St.Peter's Basilica in Rome. cf. *Orchis basilica*. syn. *O. maculata*.

basiliensis: for place name (+ from). Noted a couple of places, the most likely is ref. Basil, a town of Diyarbakir, Turkey (?). cf. *Ophrys apifera* var. *basiliensis* S.Schwegler & Matthies 2004. syn. *O. apifera*.

basilissa: ref. *basilikos*: royal; regal + suffix: very. Alluding to the rich, large labellum likened to a royal robe. cf. *Ophrys basilissa*. syn. *O. omegaifera* ssp. *omegaifera*.

basionym: often seen in refs. and discussions. The generic name given when it was first described and published, then changed at a later date.

Basiphyllaea: Schltr.1921: low + leaf + belonging to. Has a single basal leaf. ex Cuba, eg. *Basiphyllaea sarcophylla*.

basiquinquelamellata: basal + five + see lamellate. Noted it has five keels at the base of the lip. cf. *Neogyna gardneriana* var. *basiquinquelamellata*. syn. *N. gardneriana* (?).

basisetum: basal + bristles. Noted it has two upright projections at base of lip. cf. *Bulbophyllum basisetum*.

basitrilamellata: basal + three + see lamellate. Noted it has three keels at the base of the labellum. cf. *Neogyna gardneriana* var. *basitrilamellata*. syn. *N. gardneriana* (?).

Baskervilla: Lindley 1840. Listed for John Baskerville (1706-1775), a famous Eng. engraver, particularly of stencils (printing blocks). ex Ecuador, eg. *Baskervilla assurgens*.

bassacensis: from the Bassac River (: Song Hau Giang), of the Mekong River Delta region, sthn. Vietnam. cf. *Pecteilis bassacensis* (Gagnep.) Tang & F.T.Wang 1951. syn. *P. henryi* Schltr.1919.

bassetii: listed for noted grower, J.Basset(t?) of Clapham, Eng. ex Venezuela, cf. *Cattleya bassetii* H.J.Veitch 1887. syn. *C. lueddemanniana* Rchb.f.1854.

basutorum: an oblique ref. to where it comes from: of, or belonging to the Basuto: indigenous people of Lesotho and westn. border of Natal, Africa. Listed as ex the Drakensberg Mtns., South Africa, cf. *Disa basutorum* Schltr.1895.

bataanense: for place name: from Bataan Peninsula, of Bataan Prov., Luzon, Philipp. cf. *Bulbophyllum bataanense* Ames 1905.

bataanensis: as *bataanense*. Listed as ex Mt.Mariveles, cf. *Malaxis bataanensis* Ames 1911.

batakense: for place name: from the Batak and Atjeh (Aceh) Highlands, n.west Barisan Mtns., Sumatra, Indon. Also noted an older name for the area: *Bataklanden*. cf. *Dendrobium batakense* J.J.Sm.1922. syn. *D. sociale*.

batakensis: as *batakense*. cf. *Malleola batakensis* (Schltr.) Schltr.1913.

batalinii: listed for Prof.Alexander Theodorowicz Batalin (1847-1896) .Director of the Imperial Bot.Gardens, St.Petersburg, Russia. ex Brazil, cf. *Cattleya batalinii* Sander & Kraenzl. 1892. syn. *C. porphyroglossa*.

batanense: for place name: from the Batan Islands, nth. of Luzon, Philipp. cf. *Dendrobium batanense* Ames & Quisumb. syn. *D. equitans*.

batanensis: as *batanense*. cf. *Ceraia batanensis* (Ames & Quisumb.) M.A.Clem.2003. syn. *Dendrobium equitans*.

batavica: listed for place name, ref. *Batavia*: an old Roman name for the Dutch Netherlands (+ belonging to). On the syn. list, cf. *Dactylorhiza* x *batavica* Soó.

batemanii: of Bateman, see *Batemannia*. ex Mexico, cf. *Galeandra batemanii* Rolfe 1892.

Batemannia: Lindley 1834. Listed for author, botanist and authority, James Bateman (1811-1897) of Cheshire, Eng. Renowned for his epic work: "Orchidaceae of Mexico and Guatemala". ex Colombia, etc., eg. *Batemannia armillata*.

batemanniana: belonging to Bateman, see *Batemannia*. ex Mexico, cf. *Laelia* x *batemanniana* Rchb.f. syn. ("correct name" not given).

batemannianum: as *batemanniana*. ex Brazil to Peru, cf. *Oncidium batemannianum* Parm.ex Knowles & Westc.1840.

batemannii: see *Batemannia*. ex Indo-China to New Guinea, cf. *Vanda batemannii* Lindley 1846. syn. *Vandopsis lissochiloides*. Has an interesting history, see *lissochiloides*.

x *Bateostylis*: auct. On the syn. list, cf. ***Batemannia* x *Otostylis***.

batesii: listed for botanist and author, David Martin Bates [+ of] (b1935). ex Ecuador, cf. *Epidendrum batesii* Dodson 1980. + See next entry.

batesii: of Bates. For phytologist, R.J.Bates. cf. *Thelymitra batesii* Jeanes 2004. Noted as endemic to Sth.Aust.

Bathiea: Schltr.1915: for French botanist, Joseph Marie Henry Alfred Perrier de la Bâthie [+ of] (1873-1958). Famous author and phytologist, esp. noted for his studies of the flora of Madagascar and the Comoros, over a period of approx. 35yrs. Descs. accr. to him are noted as: H.Perrier. eg. *Bathiea perrieri*. syn. *Neobathiea perrieri* Schltr.1925.

bathieana: belonging to Bâthie, see *Bathiea*. cf. *Benthamia bathieana* Schltr.

bathieanum: as *bathieana*, see *Bathiea*. cf. *Bulbophyllum bathieanum* Schltr.1916.

bathiei: of Bâthie, see *Bathiea*. ex Madagascar, cf. *Cynorkis bathiei* Schltr.1924.

Bathiorchis: "Bâthie's orchid", see *Bathiea*. Noted as monotypic and endemic to Madagascar, cf. *Bathiorchis rosea* (H.Perrier) Bosser & P.J.Cribb 2003.

bathyschista: ref. *bathys*: deep + ref. *schistos*: cleft; cloven; split. cf. *Masdevallia bathyschista*.

bathyschistum: as *bathyschista*. cf. *Epidendrum bathyschistum*. syn. *E. cristatum*.

batillacea: a contraction of *batillum*: a shovel; scoop; spade, etc. + see *-acea*: like. cf. *Pleurothallis batillacea*.

batjanica: for place name: belonging to Batjan (: Bacan), island(s) of the Moluccas (Maluku group), Indon. cf. *Corymbis batjanica* J.J.Sm.1909. syn. *C. veratrifolia*.

batracha: ref. *batrachos*: frog. cf. *Pleurothallis batracha*.

batrachites: frog-like, see *batracha* + see *-ite*. Ref. a flower. cf. *Orchis batrachites*. syn. *Dactylorhiza viridis*.

battandieri: listed for French phytologist, Jules Aimé Battandier (1848-1922). Descs. accr. to him are abbr. to: Battand. cf. *Dactylorhiza maculata* ssp.*battandieri* (Raynaud) H.Baumann & Künkele 1988. Noted as rare and endemic to Algeria.

batuense: from Kepulauan Batu (islands), Indon. cf. *Thrixspermum batuense* J.J.Sm.1918. syn. *Thrixspermum carinatifolium*.

batuensis: as *batuense*. cf. *Oberonia batuensis* J.J.Sm.1917.

batukauense: for place name (+ from), listed as ex Bali Island, Lesser Sunda Islands, Indon. cf. *Bulbophyllum batukauense* J.J.Sm.1927.

baucoense: listed for place name: from Bauco, Luzon Island, Philipp. cf. *Bulbophyllum baucoense* Ames 1915. syn. *B. weberi*.

baudoensis: for place name (+ from), only listed as ex Colombia. cf. *Pleurothallis baudoensis* Luer & R.Escobar 1998.

baueri: listed for Ferdinand Bauer (1760-1826), Austrian born, bot. and zool. artist. Was with Flinders' expedition to Aust.1801-'05, with Robert Brown (see *brownii*) as Botanist. cf. *Genoplesium baueri* R.Br.1810. Noted as endemic to NSW., Aust.

baueri: for Franz Bauer, see next entry. ex French Guiana, cf. *Galeandra baueri* Lindl.1830.

baueriana: belonging to Bauer. For botanist, naturalist and author, Franz Andreas Bauer (1758-1840). ex Mexico, etc., cf. *Coelia baueriana* Lindley 1833. syn. *C. triptera*.

baumanniana: listed for German phytologist and author, H.Baumann (+ belonging to). ex Greece, cf. *Dactylorhiza baumanniana* Hölzinger & Künkele 1983.

baumanniorum: belonging to Baumann. Have ref. to two phytologists (often, co-authors), B. and/or H.Baumann. The specep. may ref. to either, but one syn. suggests it's for both. Listed as ex Greece and Italy, cf. *Epipactis baumanniorum* Ströhl 2004.

bautingensis: for place name (+ from), listed as ex Hainan Island, China. cf. *Liparis bautingensis* T.Tang & F.T.Wang 1974.

bavarica: belonging to Bavaria (German: *Bayern*), s.eastn. Germany. cf. *Dactylorhiza x bavarica* (Fuchs) Soó 1962. syn. *D. x aschersoniana*.

bayburtiana: belonging to Bayburt. Ref. the city, and/or Bayburt Prov.(: *Bayburt Vilâyeti*), n.east Turkey. cf. *Dactylorhiza x bayburtiana* H.Baumann 1983.

bayeri: for phytologist M.Bayer (+ of). ex Cyprus, cf. *Ophrys x bayeri* H.Baumann 1981.

Beadlea: Small 1903. Listed for Chauncey Delos Beadle (1866-1950), an American botanist and authority on flora of nth. America. ex the Caribbean and mainland Sth.America, eg. *Beadlea bicolor*. syn. *Cyclopogon bicolor*.

beamanianum: listed for John H.Beaman (+ belonging to), phytologist, authority and author, esp. on Bornean flora. ex Borneo, cf. *Dendrobium beamanianum* J.J.Wood & A.Lamb 1993.

beatricis: could be for a lady called Beatrice, or Beatrix (?), but is lit.: one that pleases; gives happiness. cf. *Notyliopsis beatricis* P.Ortiz 1996.

beatriziae: for place name: of Beatriz Elena (village), central eastn. Magdalena Department, Colombia. cf. *Lepanthes beatriziae* Luer & R.Escobar 1997.

beaugleholei: listed for orig.coll., A.C.(Cliff) Beauglehole (+ of). ex s.east Aust. (and NZ.), cf. *Prasopphyllum beaugleholei* Nicholls 1942. syn. *Genoplesium nudum*.

beccariana: belonging to Beccari, see *beccarii*. ex Borneo, etc., cf. *Ceratostylis beccariana* Kraenzl.1910. syn. *Eria nutans*.

beccarianum: as *beccariana*. ex Borneo, etc., cf. *Dendrobium beccarianum* (Kraenzl.) Masam.1942. syn. *Eria longirepens*.

beccarii: of Odoardo Beccari (1843-1920), born Florence, Italy. A noted naturalist and phytologist. Descs. accr. to him are abbr. to: Becc. At age 22 he went to Borneo, collecting widely in the region for c3yrs., with two trips to New Guinea, 1872

- and '75. Also noted, he collected in Africa c1883. ex Borneo, cf. *Bulbophyllum beccarii* Rchb.f.1879. I think the smell of *B. fletcherianum* is repulsive and disgusting, but this is reputed to be much worse. Fortunately, I've not had the pleasure of its acquaintance.
- beckeriana*: belonging to Becker. Listed for botanist, naturalist and author, Wilhelm Becker (1874-1928). ex Germany, cf. *Dactylorhiza* x *beckeriana* (Höppner) Soó 1962.
- beckii*: listed for botanist and naturalist, Lewis Caleb Beck (1798-1853). ex Canada and many USA. states, cf. *Spiranthes beckii* Lindley 1840. syn. *S. lacera* var. *gracilis*.
- beckleri*: listed for orig.coll., Herman Beckler (+ of). German born, was Botanist and Medical Officer to the famous ill-fated Burke & Wills expedition, from Melbourne to the Gulf of Carpentaria (Aust.), 1860. Was one of the lucky three who survived the trek. cf. *Papillilabium beckleri* (F.Muell. ex Benth.) Dockrill 1967.
- Beclardia*: A.Rich.1828. Listed for Augustine Beclard (+ of), Prof. of Anatomy, Faculty of Medicine, Paris, Fr. eg. *Beclardia macrostachya*. Noted as monotypic in Madagascar and the Mascarenes.
- beddomei*: listed for phytologist and author, Richard Henry Beddome (1830-1911). ex sthn. India, cf. *Liparis beddomei* Ridl.1886.
- beechense*: from Beech. There are quite a few places having this name (in some form) and is probably for where it flowered in cultivation. Also, noted two towns in England, in Hampshire and Staffordshire (?). cf. *Cypripedium* x *beechense* auct. (syn.).
- beeringiana*: cf. *Orchis latifolia* var. *beeringiana** Cham.1828. Listed for place name: belonging to Bering Island, Aleutian Islands, where he first found it c1817 (+ see *behringiana*). *syn. *Dactylorhiza aristata*.
- befaonense*: for place name (+ from), only listed as ex n.east Madagascar. cf. *Bulbophyllum sarcorhachis* var. *befaonense* (Schltr.) H.Perrier 1937.
- begoniicarpum*: ref. *begoniinus*: a pink colour + ref. *karpos*: fruit (: capsule): pink coloured fruit (?). Or, ref. the popular house plants, *Begoniaceae*: the begonia family, desc. for Michel Begon (1638-1710), a French patron of botany. Begonia flowers can be of waxy appearance, large and showy. cf. *Dendrobium begoniicarpum* syn. *D. subacaule*.
- beharensis*: for place name (+ from), listed as ex s.west Madagascar. Noted, there are a few places (towns and villages) named **Behara**, in the area. cf. *Habenaria beharensis* Bosser 1969.
- behrii*: of Behr. For orig.coll., Hans Herman Behr (1818-1904). Botanist and authority on the flora of Sth.Aust. cf. *Diuris behrii* Schltdl.1849. Noted as endemic to Sth.Aust.
- behringiana*: listed for place name: belonging to Behring (+ Bering) Island, Aleutian Islands. cf. *Platanthera tipuloides* var. *behringiana* (Rydb.) Hultén 1968.
- beiningiana*: listed for place name: belonging to the Beining Range, New Britain, PNG. cf. *Phreatia beiningiana* Schltr.1905.
- belgarum*: belonging to the Belgae. An ancient war-like people, who lived mainly in Gallia (: Gaul), of westn. France. Probably an oblique ref. to where it was found. cf. *Ophrys apifera* var. *belgarum* Turner Ettl.1998. syn. *O. apifera*.

belizense: from Belize (neighbours Guatemala & Mexico). cf. *Epidendrum belizense* Rchb.f.1877. syn. *Encyclia alata* ssp. *virella*.
belizensis: as *belizense*. cf. *Encyclia belizensis* (Rchb.f.) Schltr.1918. syn. *E. alata*.
bella: ref. *bellus*: fair; lovely. cf. *Dracula bella*.
bellatula: lovely + dimin. cf. *Cordula bellatula*. syn. *Paphiopedilum bellatulum*.
bellatulum: lovely + dimin. (it is a lovely miniature). cf. *Dendrobium bellatulum*.
bellerophon: ref. Gk.myth., Bellerophon (aka., Bellerophontes). A legendary hero, to whom Athena gave a golden, magical bridle to tame Pegasus (the winged horse). Another ref. is to *Bellerophon*: an extinct genus of Gastropods (snails) from c208 to 505 million years ago. ex Colombia, cf. *Dracula bellerophon* Luer & R.Escobar 1978.
bellina: see *bellinum*. ex Borneo, cf. *Phalaenopsis bellina*.
bellino-bigibbus: see *bellinum* + *bigibbus*. Listed as a natcross, the spec. is taken from the parents. cf. *Gastrochilus bellinus* x *G. bigibbus*. cf. *Gastrochilus* x *bellino-bigibbus*.
bellinum: ref. *bellus*: lovely, etc. + suffix: has beauty. cf. *Saccolabium bellinum*. syn. *Gastrochilus bellinus*.
bellinus: see *bellinum*. cf. *Gastrochilus bellinus*.
belloi: of Bello. Listed for botanist and author, Domingo Bello y Espinosa (1817-1884). ex Rio de Janeiro state, Brazil, cf. *Habenaria belloi* Schltr.1921.
bellum: ref. *bellus*: lovely, etc. cf. *Dendrobium bellum*. syn. *D. eximium*.
bellus: as *bellum*. cf. *Bothriochilus bellus*. syn. *Coelia bella*.
belo-: used in combwds., ref. *belos*: dart; small arrow; bolt. For any organ or part alluding to resemble the shape.
belocardia: see *belo-* + ref. *kardia*: heart. cf. *Pleurothallis belocardia*.
beloglossa: see *belo-*: dart + tongue. cf. *Amparoa beloglossa*.
beloglossum: as *beloglossa*. cf. *Odontoglossum beloglossum*. syn. *Amparoa beloglossa*.
Beloglottis: Schltr.1920. See *belo-*: dart, etc. + tongue. Ref. the spear-head shaped labellum. eg. *Beloglottis costaricensis*.
beloglottis: see *belo-*: dart, etc. + tongue. cf. *Cryptophoranthus beloglottis*. syn. *Zootrophion gracilentum*.
belophorum: dart, etc., see *belo-* + see *-phora*: bearing. Ref. the sagittate mid-lobe. cf. *Cleisostoma belophorum*. syn. *Sarcanthus belophorus*.
belophorus: as *belophorum*. cf. *Sarcanthus belophorus*.
belua: lit., a monster; large animal, or beast. cf. *Masdevallia belua*.
beluosum: see *belua* + suffix: monstrous; bestial. cf. *Scaphosepalum beluosum*.
belvederense: from Belvedere*. Listed for place name ex the Caribbean area and have noted quite a few places of this name. cf. *Epidendrum belvederense* Fawc. & Rendle 1909. syn. *Encyclia isochila*. *Note, *belvedere*, is ex Italian for "beautiful view" so, it's also possible it may, simply, have come from a high place with a beautiful view (?).
bemarivoense: listed for place name: from the Bemarivo River, n.east Madagascar. cf. *Angraecum bemarivoense* Schltr.1925.

benacensis: listed as Lat'd. spelling for place name (+ from). Ref. **Benacus** *Lacus*; Italian: *Lagodi Garda*: Lake Garda, nthn. Italy. cf. *Ophrys benacensis* (Reisigl) O.& E.Danesch 1975. syn. *O. pseudobertolonii*.

benedictii: took a long time to find this, as many authors use only a person's given name for their epithets (makes it tough when working off a list). Refs. to the orig.coll., Benedikt Roezl, info. see *Roezliella*. ex Colombia, cf. *Dracula benedictii* (Rchb.f.) Luer 1978.

bengalensis: for place name: from Bengal, (region) n.east India. cf. *Arethusa bengalensis* Hemsley 1884. syn. *Didymoplexis pallens*.

benghalensis: as *bengalensis*. cf. *Bonatea benghalensis* Griff.1844. syn. *Habenaria digitata*.

bengkulensis: from Bengkulu, a s.west coastal city, and/or of Bengkulu Prov., Sumatra, Indon. cf. *Eria bengkulensis* J.J.Sm.1926. Another ref., *Malaxis bengkulensis* (J.J.Sm.) Seidenf.1978, is listed to be from Gunung Dempo (mtn.) of Bengkulu Prov.

benguetense: listed for place name: from Benguet, or Benquet (? subprovince), Luzon, Philipp. cf. *Crepidium benguetense* (Ames) Marg.2002. syn. *Malaxis benguetensis* Ames.

benguetensis: as *benguetense*. cf. *Liparis benguetensis* (Ames) Schltr.1911.

benignum: ref. *benignus*: generous; kindly; favourable, etc. cf. *Epidendrum benignum*. syn. *E. coronatum*.

bennettii: of Bennett. Listed for phytologist and author, David E.Bennett. ex Peru, cf. *Cynoches bennettii* Dodson 1989.

bennettiorum: belonging to Bennett, see *bennettii*. ex Peru, cf. *Ada bennettiorum* Dodson.

bensoniae: see *bensonii*, but the suffix is feminine (for a fem. relative?). ex India to Thai., cf. *Dendrobium bensoniae* Rchb.f.1867.

bensonii: listed for orig.coll., Colonel Benson (+ of). ex sthn. Burma (now, Myanmar), cf. *Vanda bensonii* Bateman 1866.

x *Benthamara*: Garay & H.R.Sweet: of, or belonging to Bentham (see next entry). On the syn. list, refs. to the result of *Aspasia* x *Euanthe* x *Paraphalaenopsis*.

Benthamia: A.Rich.1828. Listed for George Bentham (+ of) FLS., FRS.(1800-1884). A famous Eng. author and phytologist of the RBG., Kew. Noted for his work on plants of the Fr. Pyrenees, British Isles, Hong Kong and Aust. Descs. accr. to him are abbr. to: Benth.. ex Madagascar, eg. *Benthamia calceolata*.

benthamiana: belonging to Bentham, see *Benthamia*. cf. *Thelymitra benthamiana* Rchb.f. 1871. Noted as endemic to sthn. Aust.

bequaertii: listed for orig.coll., botanist and author, M.Bequaert. ex Central westn. Africa c1920, cf. *Bulbophyllum cochleatum* var. *bequaertii* (De Wild.) J.J.Verm.1986.

beravensis: listed for place name (+ from), ex Madagascar. This specep. may have been an unfortunate misunderstanding, or has two letters transposed. Noted quite a few places, in sthn. Madagascar, called Bevaro (?). cf. *Eulophia beravensis* Rchb.f.1881.

berenice: with this author, it's probably for "beauty", see *berenicis*. cf. *Cypripedium* x *berenice* Rolfe.

berenicis: refs. to Queen Berenice II of Egypt, famed for her beautiful hair (legendary ?). Listed as an allusion to the filiform tails of the floral segments. cf. *Bulbophyllum berenicis* Rchb.f.1880. Trivium: also ref. a small, nthn. constellation of stars: *Berenices Coma* (: Berenice's hair).

berenyce: (? another spelling, see *berenicis*) may be for "beauty". cf. *Oncidium berenyce* Rchb.f.1862. syn. *O. guttatum*.

bergeriana: of Berger. Listed for botanist and author, Alwin Berger (1871-1931). ex Mexico, cf. *Nageliella bergeriana* (Schltr.) Ames & Correll. syn. *Encyclia kienastii*.

berggrenianum: belonging to Berggren. For botanist and author, Sven Berggren (1837-1917). On the syn. list, cf. *Cypripedium* x *berggrenianum* Rchb.f.

bergmanii: listed for Ferdinand Bergman [+ of] (1826-1899), botanist and employee of Baron Alphonse de Rothschild of Ferriers, Fr., first to flower it. ex Colombia to Venezuela, cf. *Odontoglossum* x *bergmanii* L.Linden 1890. syn. *O.* x *wilckeanum*.

bergonii: listed for French botanist, Paul Bergon (1863-1912). ex Italy to Turkey, cf. *Serapias bergonii* E.G.Camus 1908.

berkeleyi: listed for botanist, naturalist and author, Miles Joseph Berkeley (1803-1889). ex the Nicobar Islands, cf. *Macropodanthus berkeleyi* (Rchb.f.) Seidenf.& Garay 1988.

berkeleyi: listed for Major-General Emeric Streatfield Berkeley (1823-1898). Botanist, naturalist and authoritative collector in India and SE.Asia region. ex Arracan, Myanmar, cf. *Spathoglottis pubescens* var. *berkeleyi* Hook.f.1890. syn. *S. pubescens*.

berkleyi: see *berkeleyi* (last entry). cf. *Dendrobium formosum* var. *berkleyi* Rchb.f.

bermejoensis: from Bermejo, a town of Tarija Department, central sthn. Bolivia. cf. *Habenaria bermejoensis* Schltr.1922.

bernardensis: for place name (+ from), only listed as ex Switzerland. cf. *Nigritella* x *bernardensis* Zender 1928 (syn.).

bernaysii: listed for orig.coll., Lewis Adolphus Bernays (1831-1908), orchidist and authoritative collector. cf. *Phaius bernaysii* F.Muell. ex Rchb.f.1873. Noted as endemic to s.east Qld., Aust.

bernoullianum: belonging to Bernoulli. Listed for orig.coll., botanist and naturalist, Karl Gustav Bernoulli (1834-1878), who collected in Guatemala c1864-1878. cf. *Oncidium bernoullianum* Kraenzl.1922. syn. *Chelyorchis ampliata*.

bernoullii: see *bernoullianum*. ex Guatemala, cf. *Notylia bernoullii* Schltr.1918.

berroana: for place name (Berro ? + belonging to), only listed as ex Uruguay. cf. *Skeptrostachys berroana* (Kraenzl.) Garay 1982.

berroanum: as *berroana*. cf. *Stenorrhynchos berroanum* Kraenzl. 1911. syn. *Skeptrostachys berroana*.

berteroana: of Bertero. Listed for botanist and author, Carlo Luigi Giuseppe Bertero (1789-1831). ex Chile, cf. *Chloraea berteroana* Kraenzl.1903. syn. *C. galeata*.

berteroi: as *berteroana*. cf. *Asarca berteroi* Rchb.f.1847 (syn.?).

bertolonii: listed for Italian botanist, Antonio Bertoloni (1775-1869). Descs. accr. to him are abbr. to: Bertol. ex the Mediterranean region, cf. *Ophrys bertolonii* Moretti 1823.

bertoloniiformis: see *bertolonii* + shape. Listed as: likened to *Ophrys bertolonii*. cf. *Ophrys pseudobertolonii* ssp.*bertoloniiformis*.

bertoniensis: Bertoni + origin; from, etc. The suffix, *-ensis*, usually denotes the specep. is for a place name, but my only ref. is to botanist and author, Moisés de Santiago Bertoni (1857-1929). This may well be for Mr.Bertoni, as see next entry (?). Listed as ex **Argentina**, cf. *Pleurothallis bertoniensis* Hauman 1920.

bertoniensis: see last entry. Listed as ex Paraguay, cf. *Vanilla bertoniensis* **Bertoni** 1910.

besseae: listed for collector and noted grower, Mrs.Libby Besse (+ of). ex Ecuador, cf. *Phragmipedium besseae* Dodson & J.Kuhn 1981.

besseri: listed for botanist and author, Gillibald Swibert Joseph Gottlieb von Besser (1784-1842). ex Chile, cf. *Chloraea besseri* Rchb.f.1849. syn. *C. galeata*.

betchei: listed for orig.coll., Ernst Betche (1851-1913), author and phytologist. Was co-author with Charles Moore (see *moorei*) of the "Handbook of the Flora of NSW." (Aust.), 1893. cf. *Bulbophyllum betchei* F.Muell.1881. Pers.coll., very common ex PM.PNG.

betimianum: belonging to Betim city, Minas Gerais state, Brazil. cf. *Epidendrum betimianum* Barb.Rodr.1881.

betongensis: for place name: from Betong (city). Thailand. Listed as ex Thai. to New Guinea, there are quite a few places of this name, but because of the author (Arthur Kerr, see *kerrii*), I have presumed it to be ex Thailand. cf. *Oberonia betongensis* Kerr 1927. syn. *O. padangensis* Schltr.

betsileensis: could be: from Betsilay (village), nthn.central Madagascar. More likely, refs. to the Betsileo, an ethnic group, mostly of the Central Highlands Madagascar +-
ensis: origin. An oblique ref. to where it was found. cf. *Cynorkis betsileensis* Kraenzl.1898.

betsomangense: from Betsomanga (village), n.east Madagascar. cf. *Physoceras betsomangense* Bosser 1980.

bevilacquae: of Bevilacqua, a town of Verona, Veneto, Italy. On the syn. list, cf. x *Orchiserapias bevilacquae* Penz.

beyrichii: listed for orig.coll., German botanist, Heinrich Carl Beyrich (1796-1834). Descs. accr. to him are abbr. to: Beyr. ex Brazil, cf. *Galeandra beyrichii* Rchb.f.1849.

beyrodtiana: as *beyrodtianum*. ex Colombia, cf. *Gongora beyrodtiana* Schltr.1906.

beyrodtianum: belonging to Beyrodt. The type is listed as: "Guatemala, Hort. Beyrodt" (: from Mr.Beyrodt's garden,+ see hort.). cf. *Epidendrum beyrodtianum* Schltr.1917. syn. *Encyclia baculus*.

bhotanense: listed for place name: from British **Bhotan**, now: Bhutan, borders eastn. India. cf. *Cirrhopetalum bhotanense* Hook.f. (syn. *Bulbophyllum*).

bhotanensis: as *bhotanense*. cf. *Cheirostylis bhotanensis* T.Tang & F.T.Wang 1951. syn. *C. moniliformis*.

bhutanensis: as *bhotanense*. cf. *Paphiopedilum venustum* var. *bhutanensis* Pradhan.

bhutanica: belonging to Bhutan. cf. *Platanthera bhutanica* K.Inoue 1986.

bhutanicum: belonging to Bhutan. cf. *Pomatocalpa bhutanicum* N.P.Balacr.

Bhutanthera: Renz 2001: Bhutan (see *bhotanense*) + ref. *antheros*: blooming; flower(s), etc.
 eg. *Bhutanthera himalayana* Renz.

bi-, *bis-*: used in compwds: two; twice; double; twin; pair, etc.

bia: listed for place name: Phu Bia (mtn.peak), central sthn. Laos. cf. *Sigmatogyne bia* Kerr 1933. syn. *Panisea tricallosa*.

biakenae: listed for place name: of Biakane village, Bismarck Range, New Guinea. cf. *Hippeophyllum biakenae* J.J.Sm.1929.

bialatum: two + winged. cf. *Dendrobium bialatum*. syn. *Cadetia parvula*.

biancae: listed for Italian botanist, Giuseppe Bianca (1801-1883). ex Sicily, cf. *Ophrys holoserica* ssp.*biancae* (Tod.) Faurh.& H.A.Pedersen 2002.

biannual: occurring twice a year. Not necessarily at six month intervals, eg. flowers once in spring and again in summer: *biannual*.

bianoensis: for place name + from. One that fits the given locations is Bianco, a village of Katanga Prov., Congo (DRC.). cf. *Habenaria tenuifolia* var.*bianoensis* Geerinck 1990. syn. *Habenaria uhehensis*.

biantennatum: see *bi-* + see *antennatum*: having two antennae. Ref. the sepals. cf. *Bulbophyllum biantennatum*.

bianthogastrium: see *bi-* + flower + belly; stomach. cf. *Epidendrum bianthogastrium*.

biappendiculata: having two small appendages. cf. *Lepanthes biappendiculata*.

Biaurella: two + ear + small. Ref. lateral lobe-like projections at the anther.= *Thelymitra* section.

biauriculata: two + small eared (+ see *auriculate*). cf. *Aeranthes biauriculata*.

biaurita: see *bi-* + ref. *auritus*: eared. cf. *Malaxis biaurita*.

biauritum: as *biaurita*. cf. *Crepidium biauritum*. syn. *Malaxis biaurita*.

bibarbellata: see *bi-* + *barbellata*: having two small beards. cf. *Pleurothallis bibarbellata*.

bibarbullata: even though this is different spelling to normal, accepted ways, it can still only mean: having two small beards. cf. *Lepanthes bibarbullata*.

bibbiensis: for place name (+ from), only listed as ex Sicily. cf. *Ophrys* x *bibbiensis* Soca.

bibrachiata: see *bi-* + *brachiata*: like, or having two arms. cf. *Grobya bibrachiata*.

bibullata: see *bi-* + see *bullate*. cf. *Liparis bibullata*.

bibundiense: for place name: from Bibundi, a coastal town of s.west Cameroon, Africa. cf. *Bulbophyllum bibundiense* Schltr.1906. syn. *B. sandersonii*.

bicalcarata: see *bi-* + see *calcarate*: spurred. cf. *Calanthe bicalcarata*.

bicalcaratus: as *bicalcarata*. cf. *Erythroides bicalcaratus*.

bicalliata: see *bi-* + see *calli* + like; having. Ref. the two rows of calli, of the labellum. cf. *Caladenia bicalliata*. Noted as endemic to Aust.

bicalliatum: as *bicalliata*. cf. *Calonema bicalliatum*. syn. *Caladenia bicalliata*.

bicallosa: see *bi-* + *callosa*: of calli (calloused). cf. *Sigmatostalix bicallosa*.

bicallosum: as *bicallosa*. Ref. the crest. cf. *Trichocentrum bicallosum*.

bicallosus: as *bicallosa*. cf. *Eurycaulis bicallosus*. syn. *Dendrobium bicallosum*.

bicamerata: two + chambered. Listed as ref. the cavities between the mid and lateral lobes of the lip. cf. *Prosthechea bicamerata*.

bicameratum: two + chambered. cf. *Dendrobium bicameratum*.

bicarinata: see *bi-* + see *carinate*: keeled. Ref. the labellum cf. *Erythroides bicarinata*.
bicarinatum: as *bicarinata*. cf. *Dendrobium bicarinatum*. syn. *Flickingeria bicarinata*.
bicaudata: see *bi-* + see *caudate*: having two tails. cf. *Tridactyle bicaudata*.
bicaudatum: as *bicaudata*. Ref. tips of sepals. cf. *Bulbophyllum bicaudatum*.
bicaudatus: as *bicaudata*. cf. *Podochilus bicaudatus*.
Bicchia: Parl.1860. Listed for Cesare Bicchi (1822-1906), Italian botanist. syn. *Pseudorchis*.
biceps: see *bi-* + small head. The authors of this species do come up with many strange names, so it's also possible it may have something to do with muscles, the biceps (?). cf. *Pleurothallis biceps* Luer & Hirtz 1996.
bicirrhatum: see *bi-* + see *cirri*, *cirratus*. cf. *Epidendrum bicirrhatum*.
bicochlearis: see *bi-* + see *cochleare*: spoon-like. cf. *Pleurothallis bicochlearis*.
bicolor: two + colour. Ref. the flower: "green" + dark blackish green, cf. *Pterostylis bicolor*.
Noted as endemic to eastn. Aust.
bicoloratum: bi-coloured. cf. *Bulbophyllum bicoloratum*.
bicolorum: bi-colour + of. cf. *Corycium bicolorum*.
bicomata: see *bi-* + ref. *comatus*: two + tufted. cf. *Plocoglottis bicomata*.
bicornaria: see *bi-* + horn + suffix: relative to; having. cf. *Rudolfiella bicornaria*.
bicorne: see *bi-* + horn. Ref. labellum lateral lobes likened to horns. cf. *Cleisostoma bicorne*.
syn. *C. firmulum*. Pers.coll., fairly common ex PM.PNG.
Bicornella: Lindley 1835: two small horns. Ref. the horn-like projections at the sides of the column. syn. *Cynorkis* Thouars.
bicornis: two + horn. The tips of the petals project forward, likened to horns. cf. *Pterostylis bicornis*. Noted as endemic to Qld., Aust. Also, would like to note, *Sarcanthus bicornis*, pers.coll., common ex PM.PNG.
bicornuta: having, or like two small horns. cf. *Habenaria bicornuta*. syn. *Peristylus richardianus*.
bicornutum: as *bicornuta*. Ref. the rear of the labellum. cf. *Bulbophyllum bicornutum*. syn. *B. posticum*.
bicornutus: having two small horns. cf. *Physurus bicornutus*.
bicostata: see *bi-* + see *costate*: ribbed, etc. cf. *Phreatia bicostata*.
bicostatum: as *bicostata*. cf. *Dendrobium bicostatum*. syn. *Flickingeria bicostata*.
bicostulatum: as *bicostata* with an added dimin. cf. *Taeniophyllum bicostulatum*.
bicrinita: see *bi-* + ref. *crinis*: hair, + see *crinite*. cf. *Brachystele bicrinita*.
bicristata: see *bi-* + see *cristate*: crested, etc. cf. *Eria bicristata*.
bicristatum: as *bicristata*. cf. *Dendrolirium bicristatum*. syn. *Eria bicristata*.
bicrural: *bi-*: two + ref. *crus*: leg + suffix: two legged. Having two appendages, parts, etc., giving the appearance of having two legs.
bicrura: see *bicrural*. cf. *Cleisostoma bicrura*.
bicruris: two-legged. cf. *Malleola bicruris*.
bictoniense: for place name: from Bicton. I didn't know it was in England and as the plant is from Guatemala, I spent hours looking for some ref., in this country. Later noted, the specep. was given as it was first flowered by Lord Rolle of

Bicton. cf. *Odontoglossum bictoniense* (Bateman) Lindley 1840. syn. *Rhynchostele bictoniensis*.
bictoniensis: see *bictoniense*. cf. *Rhynchostele bictoniensis* (Bateman) Soto Arenas & Salazar 1993.
bicuspidata: see *bicuspidate*. cf. *Liparis bicuspidata*.
bicuspidate: having two fairly sharp, rigid points. + See *bi-*+ see *cuspidate*.
bicuspidatum: see *bicuspidate*. Noted as refs. to a leaf. cf. *Cleisostoma bicuspidatum*. syn. *Cleisostoma aspersum*.
bicuspidatus: see *bicuspidate*. cf. *Sarcanthus bicuspidatus*. syn. *Pelatantheria bicuspidata*.
bidens: two + tooth; teeth. Could ref. to the pollinia nestled in the clinandrium, and/or ref. the labellum base. cf. *Brassia bidens*.
bidentata: see *bidentate*. cf. *Hexisea bidentata*.
bidentate: two + see *dentate*: toothed; having teeth, etc. Has two projections, parts, etc., that could be likened, or alluded to resemble teeth.
bidentatum: see *bidentate*. cf. *Epidendrum bidentatum*. syn. *Prosthechea boothiana*.
bidentatus: see *bidentate*. cf. *Cyclopogon bidentatus*.
bidenticulatum: as *bidentate* with the added dimin.: like, or having two small teeth. + See *denticulate*. cf. *Bulbophyllum bidenticulatum*.
bidentifera: two + teeth + see *-fer-*: bearing. cf. *Malaxis bidentifera*.
bidentiferum: as *bidentifera*. cf. *Diplocaulobium bidentiferum*.
bidentiferus: as *bidentifera*. cf. *Physurus bidentiferus*. syn. *Aspidogyne bidentifera*.
bidentula: two + teeth + small. cf. *Pleurothallis bidentula*. syn. *P. saundersiana*.
bidi: for place name: Bidi (village), westn. Sarawak, Borneo, Indon. cf. *Bulbophyllum bidi* Govaerts 1996.
bidoupense: see *bidupense*. cf. *Acampe bidoupense*. syn. *Deceptor bidoupensis*.
bidoupensis: see *bidupense*. cf. *Deceptor bidoupensis* (Tixier & Guillaumin) Seidenf. 1992.
bidupense: phonetic spelling: from Bai Doop (village), central eastn. Vietnam. cf. *Dendrobium bidupense* Gagnep. 1950. syn. *Eria bidupensis*. + See *bidoupense*.
bidupensis: as *bidupense*. cf. *Eria bidupensis* (Gagnep.) Seidenf. ex Aver. 1988.
Bidwill: (many refs. say, Bidwell?). Ref. John Carne Bidwill (1815-1853). An Eng. botanist (not an orchid specialist) and naturalist, arrived in Aust. 1838 (also collected in NZ.). Was Commissioner of Crown Lands based at Wide Bay, Qld., until his death. Did this entry separate, as he is reported to be the orig. coll. of *Dendrobium kingianum* Bidw. ex Lindley 1844.
biechinata: see *bi-* + *echinate*. cf. *Phreatia biechinata*.
Bieneria: Rchb.f. 1853. Listed for Herr Dr. Biener of Dresden, Germany. syn. *Chloraea* Lindl.
biennial: occurring once in two years, or can be: lasting for two years.
Biermannia: King & Pantl. 1897. Listed for Adolf Biermann (+ of), Curator of the Calcutta Botanic Gardens. ex eastn. Himalayas, eg. *Biermannia bimaculata*.
biermanniana: belonging to Biermann, see *Biermannia*. ex Nepal, Himalayas, cf. *Platanthera biermanniana* (King & Pantl.) Kraenzl. 1899.
biermannii: see *Biermannia*. cf. *Orchis biermannii* Ortm. syn. *Dactylorhiza maculata*.

bifalce: two + ref. *falx*: sickle. Ref. labellum lateral lobes. cf. *Dendrobium bifalce*. In PM.PNG., I found them common and prolific, growing into huge clumps and very variable in size of plant and colour of flowers.

bifalcifera: two + sickle + bearing. cf. *Zeuxine bifalcifera*.

bifalcis: two + sickle. Ref. the two falcate lamellae. cf. *Eria bifalcis*.

bifaria: see bifarious. cf. *Appendicula bifaria*. syn. *A. cornuta*.

bifarious: pointing in two directions; arranged in two opposite rows. Can also be: double; twofold.

bifarium: see bifarious. cf. *Dendrobium bifarium*.

bifarius: see bifarious. cf. *Elleanthus bifarius*.

bifid: divided for most of the length, into two parts. Also: cleft; forked; split etc., + see bifurcate.

bifida: see bifid. Possibly ref. the anther-cap. cf. *Scaphyglottis bifida*.

bifidum: see bifid. cf. *Dendrobium bifidum*. syn. *Flickingeria appendiculata*.

bifidus: see bifid. cf. *Sarcanthus bifidus*.

biflora: two + flower. cf. *Eria biflora*.

Biflorae: (those) with two flowers.= *Bulbophyllum* section.

biflorate: two flowered. Simply: having two flowers.

biflorum: two + flower. cf. *Dendrobium biflorum*. syn. *D. cunninghamii* Lindley. Noted as endemic to NZ.

biflorus: two + flower. cf. *Cylindrolobus biflorus*. syn. *Eria biflora*.

bifolia: two + leaf. cf. *Disperis aphylla* ssp. *bifolia*. Of interest *aphylla*, means without leaves and the subspecies has two.

bifoliata: bifoliate. cf. *Cynorkis flexuosa* var. *bifoliata*.

bifoliate: two leafed; having two leaves.

Bifolium: Nieuwl.1913: two + leaf. syn. *Listera* R.Br.

bifolium: two + leaf. cf. *Mediocalcar bifolium*. Noted as endemic to New Guinea.

bifolius: two + leaf. cf. *Acianthus bifolius*. syn. *Chiloglottis reflexa*.

biforatum: two + bored (as: punctured, or drilled, resulting with a small hole; opening). cf. *Epidendrum biforatum*.

x *Bifranisia*: auct. On the syn. list, cf. *Aganisia* x *Bifrenaria*.

Bifrenaria: Lindley 1832, see *bi-*: two + ref. *frenum*: rein; strap + suffix: having. Ref. the pollinia stipites (special small stalks, see stipe). eg. *Bifrenaria atropurpurea*.

x *Bifrenidium*: auct. On the syn. list, cf. *Bifrenaria* x *Cymbidium*.

x *Bifreniella*: auct. On the syn. list, cf. *Bifrenaria* x *Rudolfiella*.

x *Bifrenlaria*: Layer & Hurrell. On the syn. list, cf. *Bifrenaria* x *Maxillaria*.

x *Bifrillaria**: Garay & H.R.Sweet. On the syn. list, cf. *Bifrenaria* x *Maxillaria*. *This is also noted as syn. to x *Bifrenlaria* (?).

bifrons: see *bi-* + *frons*: frond (+ see *frondis*). cf. *Oncidium bifrons*. syn. *O. warscewiczii*.

bifurcata: bifurcate. cf. *Lepanthes bifurcata*.

bifurcate: similar usage to bifid: forked, etc.

bifurcatoflorens: see bifurcate + *florens*: flowering, cf. *Ione bifurcatoflorens*. syn. *Sunipia andersonii*.

bifurcum: see *bi-*+ fork. + see bifurcate, bifid. cf. *Physoceras bifurcum*.
bigelovii: listed as Lat'd. surname of botanist and author, J. Bigelow (+ of). ex eastn. central USA. cf. *Platanthera bigelovii* A.W. Wood. syn. *P. peramoena*.
bigelowii: see *bigelovii*. cf. *Corallorrhiza bigelowii* S. Watson 1877. Was t/fd. to *Neottia bigelowii* (S. Watson) Kuntze 1891. syn. *Corallorrhiza striata* var. *vreelandii*.
bigeneric: see *bi-*: two + generic: of a genus, or of genera. Used for a hybrid between genera as opp. to more commonly, between species. eg. *Sophrocattleya*.
bigibba: see *bi-*+ ref. *gibbus*: hump; swelling. cf. *Cadetia bigibba*. syn. *C. angustifolia*.
Bigibbarium: two + hump + relative to. Has two swellings at base of labellum. = *Cymbidium* section.
bigibberosum: see *bi-*+ *gibberosum*: having two swellings, or humps. cf. *Diacrium bigibberosum*. syn. *Caularthron bilamellatum*.
bigibbosa: see *bigibbous*. cf. *Phreatia bigibbosa*.
bigibbosum: see *bigibbous*. cf. *Dendrochilus bigibbosum*. syn. *D. kingii** (Hook.f.) J.J. Sm. 1904. (*info. see *Kingiella*).
bigibbous: see *bi-*+ see *gibbous*: having two humps; swellings. Or, doubly swollen, or humped, + could be: a swelling on top of a swelling (?).
bigibbula: see *bi-*+ small hump; swelling. cf. *Phreatia bigibbula*.
bigibbum: two + humps; swellings. Ref. to the spur. cf. *Dendrobium bigibbum*. This is the floral emblem of Qld., Aust. (the "Cooktown orchid"). Noted a lot of confusion with *D. phalaenopsis* versus *D. bigibbum*, as to which is actually the emblem. *D. phalaenopsis* is officially listed as synonymous to *D. bigibbum*.
bigibbus: see *bigibbous*. cf. *Gastrochilus bigibbus*.
biglandulosa: two + gland + small + suffix: -like; with, etc. cf. *Eria biglandulosa*.
biglandulosus: as *biglandulosa*. cf. *Ceratichilus biglandulosus*.
biglobulifera: see *bi-*+ see *globule* + bearing. cf. *Liparis biglobulifera*.
biglomerus: see *bi-*+ see *glomerate*: loosely clustered and ball-like. cf. *Lepanthes biglomerus*.
bihamata: see *bi-*+ see *hamate*: hooked, etc. cf. *Coelogyne bihamata*. syn. *C. tenuis*.
bihamulata: as *bihamulatum*. cf. *Distichorchis bihamulata*. syn. *Dendrobium bihamulatum*.
bihamulatum: two + hook + small + suffix: like; having. cf. *Dendrobium bihamulatum*.
bijiangensis: for place name: from Bijiang (village), Guangdong Prov., China. cf. *Cephalanthera bijiangensis* S.C. Chen 1987.
bilabiata: see *bilabiate*. cf. *Masdevallia bilabiata*. syn. *M. platyglossa*.
bilabiate: two lipped. Like, or appearing to have two lips (: *labella*). One: the true labellum and the other: a structure, appendage(s), or other organ(s) in close proximity.
bilabiatum: see *bilabiate*. cf. *Podochilus bilabiatum*.
bilabrata: same as *bilabiate*. The column has a large lip-like appendage, so is likened to having two *labella*. cf. *Octarrhena bilabrata*. Noted as endemic to PNG.
Bilabrella: Lindley 1835: two + lip + small. See *Habenaria*. syn. *Habenaria* Willd.
bilabrella: two + lip + small. cf. *Bonatea bilabrella*. syn. *Habenaria falcicornis*.
bilamellata: see *bi-*+ see *lamellate*, *lamella*. Ref. the lip. cf. *Coelogyne bilamellata*.

bilamellatum: as *bilamellata*. cf. *Caularthron bilamellatum*. + Of interest, see *bigibberosum*.
bilamellatus: as *bilamellata*. cf. *Sarcanthus bilamellatus*. syn. *Cleisostoma bilamellatum*.
bilateral: of, or concerning two sides. + See *bi-*, + *lateral*, *lateralis*.
bilateral symmetry: see *bilateral* + see *symmetry*. + See *zygomorphic*.
bilineata: see *bi-* + see *lineate*: lined, etc. cf. *Scaphyglottis bilineata*.
bilinguis: *bi-* + tongue, see *bilabiate*. cf. *Arachnis bilingualis*. syn. *A. labrosa*.
biloba: see *bi-* + lobe. Ref. the lip. cf. *Microtis biloba*.
Biloba: *bi-* + see lobe. = *Dendrobium* section. syn. *Dendrobium* section *Monanthos*.
bilobata: *bi-*lobed. cf. *Oberonia bilobata*.
bilobatolabella: *bi-*lobed + lip. cf. *Oberonia bilobatolabella*. syn. *O. caulescens*.
bilobatum: *bi-*lobed. cf. *Epidendrum bilobatum*.
bilobatus: *bi-*lobed. cf. *Sarcophrynchus bilobatus*. syn. *Rhipidoglossum bilobatum*.
bi-lobed: two + lobed. See lobe.
bilobipetalum: two + lobe + petals. Or, could be: two + lobe + see *-petalo-*: broad; wide (?).
 cf. *Bulbophyllum bilobipetalum*. syn. *B. schefferi*.
biloboides: *bi-* + lobe + resembling. cf. *Angraecum biloboides*. syn. *Aerangis arachnopus*.
bilobolabellatum: two + lobe + lip + like; having. cf. *Agrostophyllum bilobolabellatum*.
bilobula: two + small lobe, see *lobule*. cf. *Aglossorhyncha bilobula*.
bilobulata: like, or having two small lobes (+ see *lobule*). cf. *Oberonia bilobulata*.
Bilobulatae: as *bilobulata* (+ of). = *Flickingeria* section.
bilobulatum: as *bilobulata*. cf. *Dendrobium bilobulatum*.
bilobulifera: two + small lobe + bearing. cf. *Myrmechis bilobulifera*.
bilobuliferum: as *bilobulifera*. cf. *Tubilabium bilobuliferum*. syn. *Myrmechis bilobulifera*.
bilobum: *bi-*lobed. cf. *Dendrobium bilobum*.
bilobus: *bi-*lobed. cf. *Peristylis bilobus*. syn. *P. monticola*.
bilocular: having two small chambers. eg. A bilocular ovary; a bilocular clinandrium. +
 See *locule*.
biloculare: see *bilocular*. cf. *Dendrobium biloculare*.
bilocularis: see *bilocular*. cf. *Sayeria bilocularis*. syn. *Dendrobium biloculare*.
bilunulata: two + moon + small + like; having. Ref. the labellum speculum. cf. *Ophrys*
 bilunulata. syn. *O. fusca*.
bimaculata: see *bi-* + see *maculate*: spotted. cf. *Coelogyne bimaculata*. syn. *C. flexuosa*.
bimaculatum: two + spotted. Ref. the two red spots at the labellum mid-lobe. cf.
 Agrostophyllum bimaculatum.
bimaculatus: two + spotted. Ref. the two petals, each have a purplish blotch. cf.
 Podochilus bimaculatus.
bimae: of Bima city, eastn. Nusa Tenggara Barat (Sumbawa), Lesser Sunda Isls., Indon.
 cf. *Trichoglottis bimae* Rchb.f.1857 (syn.).
bimentata see *bi-* + see *mentum* + like; having. Freely trans.: double-chinned. cf.
 Erythroides bimentata.
bimentatus: as *bimentata*. cf. *Microchilus bimentatus*.
bimorphic: of two shapes; forms. eg. Some species. have bimorphic flowers, ie. two
 differently shaped flowers on the one inflorescence.

bimorphum: see bimorphic. cf. *Dendrobium bimorphum*.

binabayense: as *binabayensis*. cf. *Crepidium binabayense* (Ames) Szlach.1995. syn. *Malaxis binabayensis* (Ames) Ames 1908.

binabayensis: listed for place name (+ from) ex Mindoro Island, Philipp. Noted two villages named Binaybay, of nthn. Mindoro (?). cf. *Eria binabayensis* Ames 1907.

binaria: ref. *binarius*: of two. cf. *Lepanthes binaria*.

binnendijkii: listed for orig.coll., botanist and author, Simon Binnendijk [+ of] (1821-1883). Descs. accr. to him are abbr. to: Binnend. ex Java, cf. *Bulbophyllum binnendijkii* J.J.Sm.1905.

binnendykii: was listed as such, see *binnendijkii*. cf. *Bulbophyllum binnendykii* Teijsm.

binocular: (looks familiar, but is not to do with binoculars) see *bi-*: two + ref. *oculus*: eye + suffix: relative to.: Two eyed; having two eyes, or refer to the two eyes (?). Has two spots at the base of the lip. cf. *Dendrobium binocular*.

binocularis: as *binocular*. cf. *Callista binocularis*. syn. *Dendrobium binocular*.

binomial: see *bi-*+ ref. *nomen*: name + suffix: of, or having two names, eg. binomial system. + See Linnaeus.

binoti: of Binot, see *Binotia*. ex sthn. Brazil, cf. *Stelis binoti* De Wild.1904.

Binotia: Rolfe 1905. Listed for M.P.Binot (+ of), an authority on Brazilian orchids. eg. *Binotia brasiliensis* (Rolfe) Rolfe 1905. Noted as monotypic in sthn. Brazil.

binotii: of Binot, see *Binotia*. ex Brazil, cf. *Maxillaria binotii* DeWild.1906.

binuangense: from Mt.Binuang, Luzon, Philipp. cf. *Dendrochilum binuangense* Ames 1920.

biocellate: ref. *bi-*: two + *ocellus*: small eye + suffix: like; having. + Can be: having dual-coloured spots, likened to little eyes. + See *biocellatum*.

biocellatum: I made this hard by mixing Gk. and Lat. (again!) and was saying, *bio-*+ *cellatum*, which came out as: having little living-rooms. This is not as silly as it sounds, it might have been similar to bilocular. However, see *biocellate* (*bi-*+ *ocellatus*). Flower has two blotches, alluding to eyes. cf. *Taeniophyllum biocellatum*.

biome (sing.), *biomes* (plural): ref. *bios*: life + *oma*: group. For cross-reference, see the entry, *phryganae*. A biome is a natural community: a region, of a particular climate, often having relatively unique flora and fauna. Some examples of biomes, by their common names: rain forest; mist forest (of very high altitudes); desert; semi-desert; scrub-lands; grasslands (savannahs); swamp, or marshlands; phrygana; tundra; taiga; chaparral; maqui; matorral; pampas, etc.

Bipaleolatae: listed as lit.: indecipherable; unexplainable.= *Pleurothallis* section. syn. *Trichosalpinx* subgenus *Trichosalpinx*.

bipapulare: as *bipapularis*. cf. *Epidendrum bipapulare*. syn. *Encyclia bipapularis*.

bipapularis: two + *papule* + of; like. Has two wart-like projections. cf. *Encyclia bipapularis*.

bipartita: see bipartite. cf. *Notylia bipartita*.

bipartite: see *bi-*+ ref. *partitus*: divided into two parts.

bipenicillata: see *bi-*+ see penicillate: like a small artist's brush, cf. *Trichoglottis bipenicillata*.

bipennis: two + ref. *penna*: wing; feather, or can be: pen; arrow. Could ref. to the two small projections at base of the lip. cf. *Sarcochilus bipennis*. syn. *Pteroceras biserratum*.

bipinnatula: two + winged, or feathered (pinnate) + small. cf. *Lepanthes bipinnatula*.

Bipinnula: Comm. ex Juss.1789: two + *pinnula*: small wing, or small feather. Refs. to the lateral sepals. ex Chile, eg. *Bipinnula plumosa*.

bipleurifolia: see *bi-*+ see *pleur-*+ leaf. This entry is an alternative to *bupleurifolia*, which could be a typ.error and is listed as *Pleurothallis bupleurifolia* (?).

biplumata: two + feather + like; having. cf. *Bipinnula biplumata*.

biporosum: see *bi-*+ *porosum*: with two small holes (actually are depressions),+ see *Porolabium*. cf. *Porolabium biporosum*.

bipulvinaris: see *bi-*: two + ref. *pulvinus*: a cushion; pad + see *-are*: having, etc. cf. *Microtis bipulvinaris*. syn. *M. parviflora*.

bipulvinatum: see *bi-*+ see *pulvinate*: cushion-like, etc. cf. *Dendrobium bipulvinatum*.

bipunctata: see *bi-*+ see *punctate*: dotted, etc. cf. *Eria bipunctata*.

bipunctatum: two + dotted. Ref. the labellum lateral lobes. They are very small and appear to be like two small purple spots. cf. *Cleisostoma bipunctatum*. syn. *Trichoglottis bipunctata*.

bipunctatus: as *bipunctatum*. cf. *Gastrochilus bipunctatus*. syn. *Trichoglottis bipunctata*.

Birchea: A.Rich.1841. Listed for P.Birch, a physician and amateur botanist. ex India and Sri Lanka, eg. *Birchea teretifolia* A.Rich.1841. syn. *Luisia tenuifolia*.

birchea: see *Birchea*. cf. *Luisia birchea* Blume 1849. syn. *L. tenuifolia*.

birmanica: listed as Lat'd. spelling for place name: belonging to Burma (now, Myanmar). cf. *Coelogyne birmanica* Rchb.f. syn. *Pleione praecox*.

birmanicum: as *birmanica*. cf. *Cleisostoma birmanicum* (Schltr.) Garay 1972.

birmanicus: as *birmanica*. cf. *Sarcanthus birmanicus* (Schltr.) Seidenf. & Smitin.1965. syn. *Cleisostoma birmanicum*.

birmense: from Burma (now, Myanmar). cf. *Bulbophyllum birmense* Schltr.1910.

birostratum: see *bi-*+ beaked, also see *rostrate*, *rostrum*. cf. *Epidendrum birostratum*.

birrimense: for place name (+ from) listed as ex Gabon, west Africa. cf. *Angraecum birrimense* Rolfe 1914.

birugatum: see *bi-*+ see *rugate*, *rugose*. : Having two wrinkles, or doubly wrinkled, etc. (?). cf. *Bulbophyllum birugatum*.

bisaccata: as *bisaccatus*. cf. *Pristiglottis bisaccata*. syn. *Anoectochilus lanceolatus*.

bisaccatus: see *bi-*+ see *saccate*: pouched, etc. cf. *Odontochilus bisaccatus*. syn. *Anoectochilus lanceolatus*.

bisaeta: two + see *seta*: bristle. Not really "bristles", the labellum. lateral lobes elongate into long, curled, slender tails. cf. *Habenaria bisaeta*. syn. *Peristylus monticola*.

biscutella: I wanted to say: two small whips (see *scutiform*), but there are no "whips". From the description, it's ref. *scutella*: a tray; platter, etc.: two trays. Ref. the relatively large spots on the labellum (+ see *speculum*). cf. *Ophrys biscutella*. syn. *O. crabronifera*.

bisdahlia: see *bi-*: double, etc.+ see *dahlia*. cf. *Graphorkis bisdahlia*. syn. *Eulophia dahlia*.

bisepala: two + sepals. The laterals are joined, so looks like it only has two. cf. *Notylia bisepala*.

bisepalum: two + sepals. cf. *Bulbophyllum bisepalum*.

Bisepalum: two + sepals. Ref. the joined lateral sepals (: one + median sepal: two).: *Bulbophyllum* section.

biseriale: see *bi-*+ *seriale*: (arranged) in two rows. Ref. the pseudobulbs, they are in one line on the rhizome, but alternate obliquely into two rows. cf. *Bulbophyllum biseriale*.

biserialis: as *biseriate*. cf. *Chloraea biserialis*.

biseriate: in two rows, or series.

biserra: see *bi-*+ ref. *serra*: saw (wood cutting tool). cf. *Lockhartia biserra*.

biserratum: see *bi-*+ see *serrate*: saw-like (as: saw-edged). cf. *Pteroceras biserratum*.

biserratus: as *biserratum*. cf. *Sarcochilus biserratus*. syn. *Pteroceras biserratum*.

biserrula: see *bi-*+ *serrula*: small saw (+ see *serrulate*). cf. *Stelis biserrula*.

biserrum: see *biserra*. cf. *Epidendrum biserrum*. syn. *Lockhartia biserra*.

biseta: two + bristle. Has two prominent bristles on the lip. cf. *Pterostylis biseta*. Noted as endemic to Aust..

Biseta: two + bristle.= *Bulbophyllum* section.

bisetoides: lit., two + bristle + resembling, or may have been likened to *Bulbophyllum bisetum* (? +*-oides*: resembling). cf. *Bulbophyllum bisetoides*.

bisetosa: see *bi-*+ see *setose*. Has a lot more than two bristles, so it's probably: doubly bristled, compared to others of its ilk. cf. *Disa bisetosa*. syn. *D. aconitoides ssp.concinna*.

bisetum: see *bi-*+ *setum*: bristle. Ref. the odd bristles, at the base of the median sepal. cf. *Bulbophyllum bisetum*.

bismarckense: for place name: from the Bismarck Range, west of Astrolabe Bay, PNG. cf. *Bulbophyllum bismarckense* Schltr.1905.

bismarckiense: as *bismarckense*. cf. *Dendrobium bismarckiense* Schltr.1905.

bismarckiensis: as *bismarckense*. cf. *Malaxis sciaphila* var. *bismarckiensis* (Schltr.) P.F.Hunt 1970.

bispiculata: two + spike + small + like; having (+ see *spicula*). cf. *Microcoelia bispiculata*..

bispirifera: two + coil; spiral (or, could be: doubly coiled?) + bearing. cf. *Malaxis bispirifera*.

bispiriferum: as *bispirifera*. cf. *Crepidium bispiriferum*. syn. *Malaxis bispirifera*.

bisporium: see *bi-*+ ref. *spurius*: false; not genuine. cf. *Ophrys bisporium*.

bissei: listed for botanist and author, Johannes Bisse (1935-1984). ex Cuba, cf. *Dilomilis bissei* H.Dietr.1984.

bistorta: as *bistortum*. cf. *Listrostachys bistorta*. syn. *Cyrtorchis ringens*.

bistortum: *bis-*, see *bi-*+*-tortum*: twisted, etc. cf. *Angraecum bistortum*. syn. *Cyrtorchis ringens*.

bistriata: see *bi-*+ see *striate*, *stria*: lined; grooved, etc. cf. *Liparis bistriata*.

bistuberculata: see *bi-*+ tuberculate. cf. *Pleurothallis bistuberculata*. syn. *P. recurva*.

bisubulifera: see *bi-*+ awl + bearing. cf. *Calanthe engleriana* var. *bisubulifera*.

bisulcatum: see *bi-*+ sulcate: having two fine grooves. cf. *Epidendrum bisulcatum*.

biswasiana: may be for a person's name (+ belonging to), but from the given locations, could ref. to Char **Biswas** (island), Khulna, Bay of Bengal, Bangladesh (?). cf. *Papilionanthe biswasiana* (Ghose & Mukerjee) Garay 1974.

biswasianum: as *biswasiana*. cf. *Aerides biswasianum* Ghose & Mukerjee 1945. syn. *Papilionanthe biswasiana*.

bithynica: listed as Lat'd. spelling for place name: belonging to *Bythnia*: an ancient region of n.west Turkey. cf. *Dactylorhiza bithynica* H.Baumann. syn. *Dactylorhiza saccifera*.

bituberculata: see *bi-*+ see tuberculate: having two small lumps. + See tubercle. cf. *Liparis bituberculata*. syn. *L. nervosa*.

bituberculatum: as *bituberculata*. cf. *Epidendrum bituberculatum*. syn. *E. ibaguense*.

bitumida: see *bi-*+ swelling (+ see tumid). cf. *Pleurothallis bitumida*.

bitypical: at the time of the discussion, a genus had only two known species and both were different enough to be called a type.

-bium, *-bius*: used in combwds.: likened to; having the characteristic(s) of; resembling, etc. Often confused with "*bios*" eg ., see *Dendrobium*.

biumbonata: see *bi-*+ see umbonate: having, or like two small lumps. cf. *Appendicula biumbonata*.

bivalvata: see bivalvate. cf. *Disa bivalvata*.

bivalvate: see *bi-*: two + see valvate, valve. Having two parts, likened to valves, or "doors".

bivalvatulum: see bivalvate with an added dimin.: small. cf. *Diacrium bivalvatulum*. syn. *Caularthron bilamellatum*.

bivalve: see bivalvate. cf. *Bulbophyllum bivalve*.

bivalvis: see *bi-*+ see valve, valvate: two + door(s). cf. *Talpinaria bivalvis*. syn. *Pleurothallis talpinaria*.

bivittatum: two + see vitta: band; stripe + like; having. cf. *Saccolabium bivittatum* (syn.).

bivonae: have two explanations and it could be for either. (1): of Bivona, listed as ex Sicily and Italy. Noted two cities, called Bivona, one of central westn. Sicily, the other of s.west Italy. (2) Ref. botanist and naturalist, Antonio de **Bivona**-Bernardi (1778-1837). Descs. accr. to him are abbr. to: Biv. cf. *Orchis* x *bivonae* Tod.1840.

blackburnii: listed for orig.coll., J.A.Blackburn c1945. cf. *Dendrobium jonesii* ssp. *blackburnii* (Nicholls) M.A.Clem. & D.L.Jones 1989. syn. *D. jonesii*. Noted as endemic to nth. Qld., Aust.

blackii: listed for orig.coll., the Rev.R.F.Black. ex the Philipp., cf. *Rhomboda blackii* (Ames) Ormerod 1998.

blakneyae: listed for orig.coll., F.A.Blakney (+ of). ex nth. Qld., Aust., cf. *Diuris punctata* forma *blakneyae* Bailey 1909. syn. *D. punctata* var. *punctata*.

blade: the flattened, expanded area of an organ, or part. Esp., eg. the blade of a leaf, or of the labellum (aka.: the disc, or the lamina).

blanche-amesiae: see next entry. cf. *Dendrobium blanche-amesiae* A.D.Hawkes & A.H.Heller 1957. Of interest, see *Lepanthes* Sw., for a ref. to one of her drawings.

blanche-amesii: for Mrs. Blanche Ames (+ of), a very talented bot. artist, authoritative collector and wife of Prof. Oakes Ames (see *Amesiella*). cf. *Loefgrenianthus blanche-amesii* (Loefgren) Hoehne. Noted as monotypic ex Brazil.

blancheanum: listed for botanist and author, Emanuel Blanche (1824-1908). ex Florida and the central Americas, cf. *Epidendrum blancheanum* Urb. 1922.

blanchetii: listed for orig. coll., botanist and naturalist, Jacques Samuel Blanchet (1807-1875). ex Brazil, cf. *Oncidium blanchetii* Rchb.f. 1849.

blancoi: listed for botanist and author, Francisco Manuel Blanco (1778-1845). ex Costa Rica, cf. *Pleurothallis blancoi* Pupulin 2000.

blanda: as *blandum*. cf. *Masdevallia blanda*.

blandum: ref. *blandus*: agreeable; charming, etc. cf. *Odontoglossum blandum*.

blatteri: of Blatter. For botanist and author, Ethelbert Blatter (1877-1934). ex India, cf. *Zeuxine blatteri* C.E.C. Fisch. 1928. syn. *Z. gracilis*.

blatteus: listed as a colour term: purple. cf. *Elleanthus blatteus*.

blephar-, *blephari-*, *blepharo-*: very confusing, as I was taking them literally, ie. *blephari-*, ref. *blepharis*: eyelash(es), and *blepharo-*, ref. *blepharon*: eyelid. One major ref. source says they are the same and that it depends on the part itself. eg. A lobe without hairs is likened to an eyelid: *blephari-*. The same part with hairs, likened to eyelashes, is still *blephari-* and the “i” or “o” mostly depend on the author, the grammar, or is just a connecting letter; spacer. A good example, see next entry.

blepharadenium: see *blephar-*: eyelid; eyelash + see *aden*: gland + suffix: of, like, etc. cf. *Bulbophyllum blepharadenium*. syn. *B. minutipetalum*.

blepharantha: see *blephar-*+ flower, or see anther. cf. *Lepanthes blepharantha*.

blepharicardium: see *blephar-*+ *cardium*: heart + suffix: like, etc. Ref. the lip. cf. *Bulbophyllum blepharicardium*.

blepharichilum: see *blephar-*+ lip. cf. *Epidendrum blepharichilum*.

blephariglossa: see *blephar-*+ tongue. cf. *Lepanthes blephariglossa*.

blephariglossum: see *blephar-*+ tongue. The labellum has “eyelashes” (I would have compared it to a feather). cf. *Bulbophyllum blephariglossum*.

Blephariglottis: Raf. 1837 (an easy one of his, for a change): eyelashes + tongue. Ref. the fringed labellum. eg. *Blephariglottis psycodes*. syn. *Platanthera psycodes*.

blephariglottis: eyelashes + tongue. cf. **Crossoglossa blephariglottis* (*: fringe + tongue).

blepharistes: *blephari-*: eyelashes + suffix: the feature. Ref. the petals. cf. *Bulbophyllum blepharistes*.

blepharites: eyelashes + suffix: relative to. cf. *Bulbophyllum blepharites* (+ see *blepharistes*, maybe this or the other is an error?).

Blepharochilum: M.A. Clem. & D.L. Jones 2002: see *blephar-*+ lip. syn. *Bulbophyllum*.

blepharochilum: see *blephar-*+ lip. cf. *Bulbophyllum blepharochilum*.

blepharoclinium: see *blephar-*+ *clinium*: small bed. cf. *Epidendrum blepharoclinium*.

blepharodactyla: see *blephar-*+ digit; finger. cf. *Holothrix nysae* var. *blepharodactyla*. syn. *H. nysae* Rolfe 1898.

blepharoglossa: see *blephar*-+ tongue. cf. *Pleurothallis blepharoglossa*.

Blepharoglossum: see *blephar*-+ tongue.= *Liparis* section.

blepharoglossum: eyelashes + tongue. Am confident of this one, ref. the ciliate labellum.
cf. *Bulbophyllum blepharoglossum*.

blepharolobum: eyelashes + lobe. By the description, ref. the lip, has hairy lateral lobes. cf.
Thrixspermum blepharolobum. syn. *Biermannia ciliata*.

blepharopetala: see *blephar*-+ petals. cf. *Pleurothallis blepharopetala*.

Blepharopetalum: see *blephar*-+ petals. Ref. the ciliate margins.= *Paphiopedilum* section.

blepharopetalum: see *blephar*-+ petals. cf. *Bulbophyllum blepharopetalum*.

blepharophylla: eyelashes + leaf. cf. *Lepanthes blepharophylla*.

blepharosepalum: see *blephar*-+ sepal(s?). cf. *Bulbophyllum blepharosepalum*. syn. *B.*
limbatum.

x *Bleteleorchis*: auct. On the syn. list, cf. *Bletilla* x *Eleorchis*.

Bletia: Ruiz & Pav.1794. Listed for Don Luis Blet, a Spanish botanist and chemist. ex
Brazil, etc., eg. *Bletia catenulata*.

bletieae: see *Bletia* + of. Could be: Blet + feminine suffix (for a fem. relative?). More likely,
the specep. is because it resembled some *Bletia* species (?). ex Panama, cf. *Sobralia*
bletieae Rchb.f.1852.

x *Bletiaglottis*: auct. Same comments as, x *Bleteleorchis*. cf. *Bletia* x *Spathoglottis*.

Bletiana: Raf.1818: belonging to Blet, see *Bletia*. syn. *Bletia* Ruiz & Pav.

Bletieae: see *Bletia* + suffix, denotes it's a tribe.

Bletiinae: see *Bletia* + suffix, denotes it's a subtribe.

Bletilla: Rchb.f.1853. Listed as ref. *Bletia* + dimin., which they closely resemble, but are
not related. ex China to Japan, eg. *Bletilla striata*.

Bletillinae: see *Bletilla* + suffix, denotes it's a subtribe.

bletilloides: see *Bletilla* + resembling. cf. *Eulophia bletilloides*. syn. *E. nyasae*.

bletioides: *Bletia* + resembling. cf. *Chloraea blettioides*.

x *Bletundina*: auct. On the syn. list, cf. *Arundina* x *Bletilla*.

bleyensis: for place name (+ from), listed as ex Paraná state, Brazil. Can't locate it, as it
may be phonetic spelling (?). cf. *Pleurothallis bleyensis* Pabst 1964.

blidana: belonging to Blida, for the city (near Algiers), and/or the province (?) of Algeria,
nth. Africa. cf. *Orchis* x *blidana* B.& H.Baumann 1980.

bliteum: ref. *bliteus*: silly; simple; unremarkable, etc. cf. *Bulbophyllum bliteum*.

bliteus: as *bliteum*. cf. *Peltopus bliteus*. syn. *Bulbophyllum bliteum*.

blitopertha: is listed as a kind of beetle (ref. the genus: *Blitopertha*), although this species
may have been likened to some plant. Ref. *blitum* (*bliton*): a plant of the
goosefoot family (see *salicornioides*) + ref. *pertho*: destroy; kill (?). More likely the
former, as many *Ophrys* flowers are likened to insects. cf. *Ophrys fusca*
ssp.blitopertha.

bloom: listed as ref. Scandinavian, *bloma*. An unscientific word for a flower. Botanically,
refs. to a waxy, or powdery coating, often quite noticeable on the surface of
leaves and/or floral segments. + See glaucous.

Blume: a separate entry to save much repetition. Ref. Carl Ludwig von Blume (1796-1862), born Braunschweig, Germany. Phytologist, collector, authority and prolific author. Spent almost 10yrs. in Java, the last 5yrs. as Director of the Bogor Bot.Gardens. He then returned to Holland where, in 1829, he became Director of the State Herbarium (*Rijksherbarium*), at Leiden. Also seen in listings, is a major publication bearing his name: *Blumea* (see the bibliography).

blumeana: belonging to Blume. cf. *Grammatophyllum blumeana* Kuntze.

blumei: of Blume. ex Borneo, cf. *Bulbophyllum blumei* (Lindley) J.J.Sm.1905.

blumenscheinii: listed for A.Blumenschein (+ of), phytologist and author. Descs. accr. to him are abbr. to: Blumensch. ex Brazil, cf. *Sophranitis blumenscheinii* (Pabst) Van den Berg & M.W.Chase 2000.

Blumeorchis: Szlach.2003: "Blume's orchid", see Blume. syn. *Cleisostoma* Blume.

bluntii: listed for Henry Blunt (+ of), a mercenary who worked for Low & Co. nursery of England. ex Brazil, cf. *Odontoglossum bluntii* Rchb.f.1864. syn. *O. crispum*.

boadanensis: for place name: from Mt.Boadan, Luzon, Philipp. cf. *Habenaria boadanensis* Ames 1922.

bocainensis: from Bocaino, a minor city of São Paulo state, Brazil. cf. *Pleurothallis bocainensis* Porto & Brade 1940.

bocazensis: for place name (+ from), only listed as ex Peru. cf. *Maxillaria bocazensis* D.E.Benn.& Christenson 2001.

bockiae: of Bock. Listed for phytologist, I.Bock. ex Peru, cf. *Rodriguezia bockiae* D.E.Benn.& Christenson 1995.

boddaertianum: belonging to Boddaert, see *boddaertii*. ex Mérida, Venezuela, cf. *Odontoglossum boddaertianum* Rchb.f.1888.

boddaertii: listed for noted grower, Dr.Boddaert M.D. of Ghent, Belgium. ex Venezuela, cf. *Masdevallia boddaertii* Linden.

bodkinii: may be for a person's name (+ of). Also, my dictionaries define **bodkin** as a stilleto, short dagger, and/or other hand tools (?). cf. *Pachites bodkinii* Bolus.

boerlageana: listed for phytologist, Jacob Gijsbert Boerlage [+ belonging to] (1849-1900). Descs. accr. to him are abbr. to: Boerl. Listed as ex Malesia, cf. *Oberonia boerlageana* J.J.Sm.1905.

boettcheri: listed for orig.coll., botanist George Boettcher (+ of), ex Luzon, Philipp. 1917. cf. *Erythroides boettcheri* Ames 1923.

Bogoria: J.J.Sm.1905: of Bogor city, Jawa Barat, Java. Location of the famous Buitenzorg (Bogor) Botanic Garden. ex Java, etc., eg. *Bogoria raciborskii*.

bogoriensis: from Bogor, see *Bogoria*. ex Java, cf. *Eria bogoriensis* J.J.Sm.1933.

bogotense: as *bogotensis*. cf. *Epidendrum bogotense* Schltr.1924.

bogotensis: from Bogotá, the capital city of Colombia. cf. *Pleurothallis bogotensis* Lindley 1846. syn. *P. phalangifera*.

bohémica: Lat'd. spelling for place name: belonging to Bohemia, the historic region which inc. the capital city of Prague, Czech Republic. cf. *Dactylorhiza bohémica* Businský 1989.

boiled: from an older book, in a general discussion was this statement: the flowers are pressed, boiled and dried... "boiled"? They were literally cooked as a part of the preservation process, so that parts could be handled in future times, without crumbling into dust.

boinana: belonging to Boin (village), n.west Madagascar. cf. *Cynorkis boinana* Schltr.1913.

boinense: from Boin, see *boinana*. cf. *Eulophidium boinense* Schltr.1913. syn. *Oeceoclades boinensis*.

boinensis: as *boinense*. cf. *Oeceoclades boinensis* (Schltr.) Garay & P.Taylor 1976.

boissieri: of Boissier, see *boissierianum*. cf. *Ophrys mammosa* ssp. *boissieri* (Soó) Soó 1923. syn. *Ophrys cilicica*.

boissierianum: belonging to Boissier. For botanist and author, Pierre Edmond Boissier (1810-1885). Descs. accr. to him are abbr. to: Boiss. ex Ecuador to Peru, cf. *Phragmipedium boissierianum* (Rchb.f.) Rolfe 1896.

boissierianus: as *boissierianum*. ex Ecuador, cf. *Telipogon boissierianus* Rchb.f.1856.

boiteaui: listed for botanist and author, Pierre L.Boiteau [+ of] (b1911). ex Madagascar, cf. *Bulbophyllum boiteaui* H.Perrier 1939.

boiviniana: belonging to Boivin. Listed for French botanist, Louis Hyacinthe Boivin (1808-1852) who collected in Madagascar c1847-'52. cf. *Habenaria boiviniana* Kraenzl.& Schltr.1897.

bokorensis: from Bokor. Ref. Phnom Bokor (N.Park), Cambodia. cf. *Bulbophyllum bokorensis* Gagnep.1950. syn. *Plocoglottis bokorensis*.

bokorensis: as *bokorensis*. cf. *Plocoglottis bokorensis* (Gagnep.) Seidenf.1979.

bokoyense: for place name (+ from). Noted two villages named Bokoyo of Orientale, Congo (DRC.), and/or ref. Bokoya village, Zambia (?), Africa. cf. *Calyptrochilum bokoyense* (De Wild.) Schltr. syn. *C. christyanum*.

bolaninum: listed for place name: of Mt. Bolan (: Mt.Bangeta?), Sarawaket Range, PNG. cf. *Bulbophyllum bolaninum* Schltr.1919. syn. *B. savaiense* ssp. *gorumense*.

Bolbidium: Lindley 1846: bulb + dimin. syn. *Dendrobium* Sw.

Bolbidium: bulb + like, or small (?).= *Dendrobium* section.

bolboflora: bulb + flower. cf. *Callista bolboflora*. syn. *Dendrobium bicameratum*.

bolboflorum: bulb + flower. cf. *Dendrobium bolboflorum*. syn. *Dendrobium bicameratum*.

Bolbophyllaria: Rchb.f.1852: bulb + leaf + suffix, see -are: having, etc. eg. *Bolbophyllaria aristata*. syn. *Bulbophyllum aristata*.

bolbophylloides: bulb + leaf + resembling, or may have been likened to a *Bulbophyllum* (?). cf. *Epidendrum bolbophylloides*.

Bolbophyllopsis: Rchb.f.1852, ref. *Bulbophyllum* + -opsis: appearance. syn. *Bulbophyllum*.

Bolbophyllum: Spreng.1826: bulb + leaf. syn. *Bulbophyllum*. + See entry, *pachyrhachis*.

Bolborchis: Zoll.& Moritzi 1845: bulb + ref. *orkis*: testes. Ref. the tuberoids. eg. *Bolborchis crociformis*. syn. *Nervilia crociformis*. + See next entry.

Bolborchis: Lindley ex Schltr.1914: bulb + see *orchis* (orchid?). syn. *Coelogyne*.

bolivarensis: from Bolívar, listed as ex Venezuela. Could be for the city, the mountain, the state, or even the whole country, as it is officially: the **Bolivarian** Republic of Venezuela. cf. *Maxillaria bolivarensis* C.Schweinf. 1962. + See next entry.

bolivarensis: another entry as this one is listed as ex Ecuador. Apart from the obvious Bolívar Province, there are many other places called Bolívar (in some way), in this country. cf. *Stelis bolivarensis* Luer & Hirtz 2002.

boliviana: belonging to Bolivia. cf. *Chloraea boliviana* (Rchb.f.) Kraenzl.1904.

bolivianense: Bolivian + origin; from. cf. *Oncidium bolivianense* Oppenheim 1916. syn. *Trichocentrum ascendens*.

bolivianensis: Bolivian + origin; from. cf. *Cohniella bolivianensis* (Oppenheim) Senghas. syn. *Trichocentrum ascendens*.

bolivianum: Bolivian; belonging to Bolivia. cf. *Bulbophyllum bolivianum* Schltr.1922.

boliviense: from Bolivia. cf. *Oncidium boliviense* Rolfe. syn. *O. batemannianum*.

boliviensis: from Bolivia. cf. *Buchtienia boliviensis* Schltr.1929.

Bollea: Rchb.f.1852. Listed for Carl Bolle (+ of), a German sponsor of horticulture. ex nthn. Sth. America to Brazil, eg. *Bollea violacea*.

x *Bolleanthes*: auct. Listed among the synonyms, without further info., or the “correct name”. Noted the name was taken from *Bollea* x *Cochleanthes*.

bolleanum: see *Bollea*. ex Turkey to Israel, cf. *Himantoglossum bolleanum* (Siehe) Schltr.1918. syn. *H. affine*.

bollei: see *Bollea*. cf. *Nervilia bollei* (Rchb.f.) Schltr. syn. *N. crociformis*.

bolleoides: see *Bollea* + resembling. ex Colombia, cf. *Maxillaria bolleoides*.

x *Bollopetalum*: auct. Same comments as, x *Bolleanthes*. cf. *Bollea* x *Zygopetalum*.

boloboense: listed for place name: from Bolobo District, west of Astrolabe Bay, PNG. cf. *Bulbophyllum globiceps* var. *boloboense* Schltr.1913.

bolopetala: ref. bolos: lump + petal. cf. *Warmingia bolopetala*.

bolovenense: for place name: from the Bolovens Plateau, sthn. Laos. cf. *Bulbophyllum bolovenense* Guillaumin 1958. syn. *B. clandestinum*.

bolsteri: listed for orig.coll., F.H.Bolster (+ of). ex Mindanao, Philipp., cf. *Bulbophyllum bolsteri* Ames 1912.

boltonii: listed for botanist and author, James Bolton [+ of] (1758-1799). ex sthn. Africa, cf. *Bonatea boltonii* Harv.1860. syn. *Bonatea speciosa*.

boluiana: belonging to Bolu. Ref. the city and/or Bolu Prov., n.east Turkey. cf. *Dactylorhiza* x *boluiana* H.Baumann 1983.

Bolusanthus: Harms: “Bulus’s flower”, for Sir Harry Bolus, see *bolusiana*.

Bolusia: Benth., for Sir Harry Bolus (+ of), see *bolusiana*.

bolusiana: belonging to Bolus. For Sir Harry Bolus FLS. (1834-1911). Eng. born phytologist, author, collector and authority esp., on the flora of Sth.Africa. cf. *Disa bolusiana* Schltr.1897.

Bolusiella: Schltr.1918: for Sir Harry Bolus + respectful suffix. Info., see *bolusiana*. ex west trop. Africa, eg. *Bolusiella iridifolia*.

bolusii: of Bolus, see *bolusiana*. ex Southwest Cape Prov., cf. *Acrolophia bolusii* Rolfe 1911.

bombifera: see *bombyli*-+ bearing. cf. *Ophrys muscifera* forma *bombifera*. syn. *O. insectifera*.

bombiformis: see *bombyli*-+ shape; form. cf. *Telipogon bombiformis*.

bombozensis: from Bomboiza (village), Morona Santiago Prov., Ecuador. cf. *Maxillaria bombozensis* Dodson 1994.

bombus: ref. *bombos*, buzzing; droning; humming. + Ref. *Bombus*: a bumble-bee (see *bombyli*-). Of a flower, likened to an insect (?). cf. *Platylepis bombus* J.J.Sm.1928.

bombycinus: descwd., ref *bombyx*: a silkworm + suffix: made of silk; like silk; silken; silky.

bombyli:- used in combwds.. When some part(s) of the flower is likened to a fat, furry insect, I don't suppose it matters much exactly what kind it is. Most authors say *bombyli*:- a bumble-bee (see *bombus*), so I did some reading. Ref. *Bombylius* (commonly: beefly), of the order: *Diptera*. *Bombus*, of the order, *Hymenoptera*, commonly: bumble-bee. + Ref. English, bombycid: (those like) a silkworm moth. + Ref. *bombyx*, *bombykos*: is either for the worm, or the moth. (+ See *bombycinus*.)

bombylifera: see *bombyli*-+ see -fer: bearing. cf. *Ophrys bombylifera*. syn. *O. bombyliflora*.

bombyliflora: see *bombyli*-+ flower. cf. *Ophrys bombyliflora*.

bombyliiflora: as *bombyliflora*. cf. *Neobolusia stoltzii* var.*bombyliiflora*.

boniensis: from Bomi (: Zhamo), a major town of central eastn. Tibet. cf. *Bulbophyllum boniensis* Z.H.Tsi 1978.

bonaccordensis: for place name (+ from). *bonaccord*- is probably, orig., ex French, *bon*: good + *accord*: (of) harmony, etc.(so it was a nice place ?). Only listed as ex India, cf. *Trias bonaccordensis* C.S.Kumar 1989.

bonariense: as *bonariensis*. cf. *Stenorrhynchos bonariense* (Lindl.) Cogn.1895. syn. *Pelexia bonariensis*.

bonariensis: is listed as the correct specep. which denotes: from Buenos Aires, the capital city of Argentina. Could also apply to Buenos Aires Prov., and/or Lake Buenos Aires (Argentina/Chile border). Also noted, Buenos Aires in Latin: *Bonaria*, *Bonaeropolis*. cf. *Pelexia bonariensis* (Lindley) Schltr.1920.

Bonatea (+ have noted it as *Bonatia*?): Willd.1805. Listed to be for M.Bonat (+ of), Prof. of Botany at Padua, Italy. ex Sth.Africa, eg. *Bonatea bracteata*.

bonatiana: belonging to Bonati. For botanist and author, Gustave Henri Bonati (1873-1927). ex Yunnan, China, cf. *Habenaria bonatiana* Schltr.1913.

boninense: for place name: from the Bonin Islands, of Ogasawara Islands (Ogasawara-shoto), south of Japan. cf. *Bulbophyllum boninense* (Schltr.) J.J.Sm.1912.

boninensis: as *boninense*. cf. *Gastrodia boninensis* Tuyama 1939.

bonitense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum bonitense* Hágsater & Dodson 1993.

Bonniera: Cordem.1899. Listed for Prof. Gaston Eugene Marie Bonnier (1853-1922). A sponsor of Cordemoy (see *cordemoyi*) and assisted him in publishing his work. Noted as endemic to Réunion Island, eg. *Bonniera corrugata*.

bonnyanum: listed for noted grower, L.Bonny (+ belonging to) of Hackney, Eng., c1883. ex Colombia, etc., cf. *Odontoglossum crispum* var. *bonnyanum* Hort. (syn., "correct name" not given).

Bonplandia: Willd. Listed for French botanist, Aimé Jacques Alexandre Bonpland [née Goujaud] (1773-1858). Author, phytologist and colleague to Baron von Humboldt (see *Humboldtia*). Co-author with celebrated partnership of Humboldt, Bonpland

& Kunth. Descs. accr. to them are abbr. to: HBK. and individually to: Humb., Bonpl. & Kunth.

bonplandii: see *Bonplandia*. ex Venezuela, Peru, Brazil, etc., cf. *Ornithocephalus bonplandii* Rchb.f.1863. syn. *O. gladiatus*.

bontocense: listed for place name: from Bontoc, a sub-province and/or a town of the Central Mountains region, both of Luzon, Philipp. cf. *Bulbophyllum bontocense* Ames 1912.

bontocensis: as *bontocense*. cf. *Liparis bontocensis* Ames 1923.

boomerang: usually a broad V-shaped, curved wooden missile used by Aust. aborigines for hunting and as a weapon. Also can mean: (anything) recoiling, or returning to the instigator, or agent. cf. *Lepanthes boomerang* Dod ex Luer.

boonjee: listed for place name: Boonjee, near Cooktown. cf. *Bulbophyllum boonjee* B.Gray & D.L.Jones 1984. Noted as endemic to nth. Qld., Aust.

boormanii: listed for orig.coll., botanist John Luke Boorman (1864-1938). Eng. born, trained at the RBG.Kew and came to Aust. 1886. Was employed by the Sydney Bot.Gardens and in 1901 became an official field collector. cf. *Pterostylis boormanii* Rupp 1943. Noted as endemic to sthn. Aust.

bootanense: Lat'd. and phonetic spelling for place name: from Bhutan. cf. *Bulbophyllum bootanense* C.S.P.Parish & Rchb.f.1874.

bootanensis: as *bootanense*. cf. *Liparis bootanensis* Griff.1851.

bootanoides: listed for its likeness to *Bulbophyllum bootanense*. (*bootanense* + *-oides*: *bootanoides*). cf. *Bulbophyllum bootanoides* (Guillaumin) Seidenf.1974.

boothiana: of Booth. For Eng. botanist, William Beattie Booth (1804-1874). ex Mexico, cf. *Prosthechea boothiana* (Lindley) W.E.Higgins 1998.

boothianum: as *boothiana*. ex Venezuela, cf. *Oncidium boothianum* Rchb.f.1854.

boothii: as *boothiana*. ex Mexico to Panama, cf. *Nidema boothii* (Lindley) Schltr.1922.

borbasii: listed for botanist, Vincze von Borbas (1844-1905). ex Europe to the Caucasus, cf. *Epipactis atrorubens* ssp. *borbasii*.

borbonica: listed to be from the island of Réunion (French territory), between Mauritius and Madagascar (east of Africa). First settled by the French (c1642) and they called it Bourbon. (aka., **Borbon** + *-ica*: belonging to). cf. *Aeranthus tenella* var.*borbonica* Bosser 1989.

borbonicum: as *borbonica*. cf. *Angraecum borbonicum* Bosser 1988.

boreal: usually seen in discussions of habitat: of the north; northern. + See *borealis*.

boreale: ref. *borealis*: of the north; northern. cf. *Limodorum boreale*. syn. *Calypso bulbosa*.

borealis: ex Gk.myth., ref. Boreas: god of the north wind + of; relative to: northern; of the north. cf. *Sarcochilus borealis*. Noted as endemic to **north** Qld., Aust.

boricuarum: belonging to the *Boricua*. Can't be precise as the main ref. seems to be to a Puerto Rican nationalist rebel group. The specep. is possibly indicative to a region where they were involved, in Puerto Rico (?). cf. *Epidendrum boricuarum* Hágsater & L.Sánchez 1993.

boridiensis: for place name: from Boridi (village), Owen Stanley Range, n.east of PM.PNG. cf. *Corybas boridiensis* P.Royen 1983.

borjaense: for place name (+ from), listed as ex Napo Prov., Ecuador. cf. *Macroclinium borjaense* Dodson 1989.

borneense: from Borneo. cf. *Taeniophyllum borneense* Schltr.1906.

Borneense: from Borneo.= *Cymbidium* section.

borneensis: from Borneo. cf. *Bromheadia borneensis* J.J.Sm.1917.

borneoensis: from Borneo. cf. *Callista borneoensis* Kuntze 1891. syn. *Dendrobium lobbii*.

bornmuelleri: listed for German phytologist, Joseph Friedrich Nicolaus Bornmüller [+ of] (1862-1948). Descs. accr. to him are abbr. to: Bornm. ex the eastn. Mediterranean to Iraq, cf. *Ophrys holoserica* ssp. *bornmuelleri* (M.Schulze) H.Sund.1975.

borucana: belonging to Boruca, listed as ex Costa Rica. Could be for **Boruca** village of Puntarenas Prov., and/or an oblique ref. to Costa Rica, as **Boruca** is noted as a native language. cf. *Masdevallia borucana* P.H.Allen 1952. syn. *M. lata*.

borwickianum: listed for noted grower, T.Borwick (+ belonging to) of Walthamstow, Eng., first to flower it. ex Brazil, etc., cf. *Oncidium forbesii* var. *borwickianum* Rchb.f.

boryana: belonging to Bory. For Baptiste Georges (Genevieve) Marcellin Bory de St.Vincent (1778-1840). A French explorer, botanist, naturalist and author who established the genus *Angraecum*, 1804. Descs. accr. to him are noted as: Bory. ex the Mascarenes, cf. *Cynorkis boryana* (A.Rich.) Lindley 1835. syn. *Physoceras boryanum*.

Boryangraecum: "Bory's *Angraecum*". See *boryana* + *Angraecum*. = *Angraecum* section.

boryanum: see *boryana*. ex the Mascarene Islands, cf. *Physoceras boryanum* (A.Rich.) Bosser 1980.

boryi: see *boryana*. ex Réunion Island, cf. *Zeuxine boryi* (Rchb.f.) Schltr.1915.

boscoense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum boscoense* Hágsater & Dodson 2001.

bosniaca: belonging to the Republic of Bosnia & Herzegovia, s.east Europe. cf. *Dactylorhiza cordigera* ssp. *bosniaca* (Beck) Soó 1962.

boss: ref. *bosse*: a hump; lump. Likened to the central rounded, strengthening projection of a shield (: a boss). Often a blister-like convex stigma can be likened to a boss, or just refs. to some surface lump. + Of interest, see buckler, umbo.

bosseri: of Jean M.Bosser (b1922). Author and phytologist with the Scientific Research Institute of Madagascar and then later with the Phanerogamy* Laboratory of the National Museum of Paris, France (*see phanerogam). cf. *Angraecum bosseri* Senghas 1973. syn. *Angraecum sesquipedale* var. *angustifolium*.

bosseriana: belonging to Bosser, see *bosseri*. cf. *Cynorkis bosseriana* Szlach.1994. syn. *C. buchananii*.

bostrychodes: had a hard time with this. Ref. *bostrychos*: a curl; lock (hair); something twisted (: curly) + resembling. Also could be ref. *Bostryx*, commonly: a beetle, weevil, etc.(+ suffix: resembling), of the largest order of insects: Coleoptera, listed to contain c330,000 species! The flower has some curly part(s), or was likened to a beetle or weevil (?). cf. *Dendrobium bostrychodes*.

botanensis: from Bhutan (see *bhotanense*). cf. *Luisia botanensis* Fukuy.1935. syn. *L. teres*.

botanical: of botany. Also in discussions, it can ref. to a plant as being only a collector's item, or of "botanical" interest only, ie. considered as not suitable for commercial usage. A shame as many are delightful and exquisite, but then there are others, eg. I noted *Pomatocalpa marsupiale* as a "botanical" (and a waste of space in my bush-house!).

botanist: a person skilled in the science of Botany. One who searches for and collects plants for further study. Trivium: noted the word, botany is ex Gk., *botane*: herb.

Bothriocardia: ref. *bothrion*: small hollow, etc. + ref. *kardia*: heart.= *Microstylis* section.

Bothriochilus: Lem.1853: ref. *bothrion*: a small hollow; pit; depression + *chilus*: lip. ex Mexico, etc., eg. *Bothriochilus densiflorus*.

Bothriocardia: Lemaire 1852. See *Bothriocardia*. syn. *Malaxis* (?).

bothros: pit; a hollow (as, a depression); trench (as, a relatively deep groove). cf. *Pleurothallis bothros*.

botry-, *-botrys*, *-botryum*, *-botryus*: used in compwds., orig. ref. *botrys*: a bunch of grapes. Now taken to mean: a raceme; bunch; cluster.

botryoid, botryoidal: see *botry*-+ suffix: (likened to a bunch of grapes) having a bunched, or clustered shape, or form.

botryophorum: see *botry*-+ see *-phora*: bearing. cf. *Bulbophyllum botryophorum*.

bouarensis: listed for place name: from Bouar city, (westn.) Central African Republic. cf. *Aerangis bouarensis* Chiron 1998.

bouchei: from different books, noted two refs.: Carl David Bouché (1809-1881), and/or Peter Carl Bouché (1783-1856) [?]. ex Panama, cf. *Sobralia bouchei* Ames & C.Schweinf.1930.

bougainvilleae: belonging to Bougainville. Could have some part(s) likened to that of the genus of climbers (and shrubs): *Bougainvillea*. (family: *Nyctaginaceae*). *Bougainvillea* is orig. ex Sth.America, famous for their (mostly) brilliant red, to purple floral bracts and named for the French explorer Louis Antoine de Bougainville. (see *bougainvilleanum*). This one is listed as ex the Solomon Islands (inc. **Bougainville** Island), cf. *Habenaria bougainvilleae* Renz 1987.

bougainvilleana: see *bougainvilleanum*. ex sthn. Chile and Argentina, cf. *Chloraea bougainvilleana* Franch.1889. syn. *C. magellanica*.

bougainvilleanum: belonging to Bougainville. Ref. the French scientist, explorer and military officer, Louis Antoine de Bougainville MRS.(1729-1811). Was the first Frenchman to sail around the world (1766-'69) and made many scientific and geographical discoveries. During this expedition, he explored the island of Bougainville (PNG.), 1768 and it is named for him. + The genus *Bougainvillea* is also named for him (see *bougainvilleae*). Listed as ex the Solomon Islands, cf. *Paphiopedilum bougainvilleanum* Fowlie 1971.

bougainvillei: see *bougainvilleanum*, listed as ex New Caledonia, cf. *Gonatostylis bougainvillei* N.Hallé 1977.

bouliawongo: listed for place name: Boulwando (village) of Burkina Faso Republic, west Africa. cf. *Eulophia bouliawongo* (Rchb.f.) Raynal 1966.

bourdonii: of Bourdon. May be for a person's name, but is also listed as ex westn. France. Noted a town and a village of this name ex Somme and Eure departments (?). cf. *Dactylorhiza x bourdonii* D.Tytca & Gathoye 1988.

bovilabia: ox + lip, see *bovilinguis*. cf. *Pleurothallis bovilabia*. syn. *P. ekmanii* Schltr.1923.

bovilingua: as *bovilinguis*. ex Colombia, cf. *Pleurothallis bovilingua*.

bovilinguis: ref. *bovis*: ox; cow; bovine: of, or to do with cattle + tongue. ex Bolivia, cf. *Platystele bovilinguis* Luer 1995.

bowdeniae: listed for orig.coll., Ms.Isobel Kendall Bowden (1908-1986). Born NSW., was a teacher, noted naturalist, talented bot. artist and author. ex The Blue Mountains, NSW., Aust., cf. *Prasophyllum bowdeniae* Rupp 1948. syn. *Genoplesium apostasioides*.

boweri: listed for botanist and author, Frederick Orpen Bower (1855-1948). ex the Philipp., cf. *Grammatophyllum boweri* F. Muell.1883. syn. *G. scriptum* var.*boweri*.

bowkeri: listed for orig.coll., H.Bowker (+ of) at Kaffraria, Sth.Africa. cf. *Liparis bowkeri* Harv.1863.

bowkettiae: listed for orig.coll., Ms.Eva F.Bowkett (+ of). cf. *Bulbophyllum bowkettiae* F.M.Bailey 1884. Noted as endemic to nth.Qld., Aust.

bowmannii: listed for orig.coll., Edward Macarthur Bowman (1826-1872). Born in Sydney, he travelled and worked mostly in Qld. ex n.east coast Aust., cf. *Dendrobium bowmannii* Benth.1873.

bowringiana: for noted grower, J.C.Bowring (+ belonging to), of Windsor, England. ex Mexico to Honduras, cf. *Cattleya bowringiana* O'Brien 1885.

bowringianum: see *bowringiana*. ex China and India to Vietnam, cf. *Bulbophyllum bowringianum* Rchb.f.1881. syn. *B. khasyanum*.

boxaleii: listed as a misunderstanding, see *boxallii*. cf. *Callista boxaleii* (Rchb.f.) Kuntze 1891. syn. *Dendrobium gratiosissimum*.

boxallii: listed for orig .coll., William Boxall (+ of). A mercenary who collected in SE.Asia and the central Americas for nurserymen, Low & Co. of Clapton, Eng. ex Myanmar, cf. *Paphiopedilum villosum* var.*boxallii* (Rchb.f.) Pfitzer 1903.

boyacensis: from the Department of Boyaca, Colombia. cf. *Lepanthes boyacensis* Luer & R.Escobar 1984.

Braasiella: Braem, Lückel & Rüssmann 1984: see *braasii* +-ella: respectful suffix. syn. *Oncidium* Sw.

braasii: listed for J.Braas (+ of), botanist and author. ex Ecuador, cf. *Masdevallia braasii* Mohr. syn. *M. teaguei*.

braccata: see braccate. Probably ref. the sheathing bracts. cf. *Stelis braccata*.

braccate: ref. *braca*, *bracae*: breeches (trousers) + suffix: having; like. In a discussion was: "braccate stems", which alluded to the many scale-like bracts covering the lower parts of the stems. Trivium: braccate, in ornithology: having feathers which conceal the feet.

braccatum: see braccate. cf. *Bulbophyllum braccatum*.

braccigerum: see braccate + bearing. cf. *Epidendrum braccigerum*.

brachi-: used in combwds., ref. *brachium*: arm. For anything to do with an arm; arm-like; arm-shaped. + Can allude to a branch. + Ref. *brachialis*: of the arm.

brachialis: of the arm + a descwd., see *brachi-+ale*. Also noted, it was once an old measurement: arm-long. Accepted as c60cms. (2ft.).

brachiata: see *brachiate*. Ref. the arm-like appendages to the labellum. cf. *Trichoglottis brachiata*.

brachiate: ref. *brachiatus*: armed; arm-like. For some organ(s), or part(s) that could be likened to an arm. + Can allude to having widespread branches.

brachiatum: see *brachiate*. cf. *Agrostophyllum brachiatum*.

brachiatus: see *brachiate*. cf. *Podochilus brachiatus*. syn. *Appendicula cornuta*. Note: one says “armed”, the other: “horned”.

brachiloba: arm + lobe. ex Brazil, cf. *Pleurothallis brachiloba*.

Brachionidium: Lindley 1859, ref. *brachion*: small arm + dimin., or like. Ref. the small arm-like appendages of the column. ex Colombia, eg. *Brachionidium brachycladum*.

brachiorhynchus: arm + snout; beak. cf. *Epipactis brachiorhynchus*. syn. *Goodyera viridiflora*.

brachiorrhynchus: see *brachi-*: arm + ref. *rhynchus*: snout; beak. Ref. the rostellum. cf. *Goodyera brachiorrhynchus*.

Brachisepalum: J.J.Sm.1933: see *brachi-*: arm + sepals. Sepals alluded to resemble arms. eg. *Brachisepalum selebicum*. Took this info. from a book and yet the genus, *Brachisepalum*, is not on the official list. See *Bracisepalum*.

brachium: descwd., of an arm + it was an old measurement: the distance from the armpit to the tip of the index finger. See *brachialis*.

brachmaensis: for place name (+ from), only listed as ex Vietnam. cf. *Calanthe brachmaensis* Gagnepain. syn. *Phaius tankervilleae*.

Brachtia: Rchb.f.1849: listed for orig.coll.: Captain Albert Bracht (+ of). eg. *Brachtia andina*.

brachy-: used in compwds., ref. *brachys*: short. + Can be for many other diminutives.

brachyacron: short + ref. *acros*: at the tip; summit, etc. cf. *Dendrobium brachyacron*. syn. *D. violaceum*.

brachyandrum: short + see *andro-*: man; male (: anther). cf. *Oncidium brachyandrum*.

brachyantha: short + flower. cf. *Masdevallia brachyantha*.

Brachyanthe: short + flower.= *Dendrobium* section.

Brachyanthera: short + see anther.= *Taeniophyllum* section.

brachyanthum: short + flower. cf. *Dendrobium brachyanthum*.

brachyblephara: short + eyelashes. cf. *Cranichis brachyblephara*.

brachybotrya: short + see *botry-*: bunch; raceme. cf. *Pomatocalpa brachybotrya*.

brachybotryosa: short + bunch; raceme + see *-osa*: with many, etc. cf. *Listera brachybotryosa*. syn. *Listera pinetorum*.

brachybotrys: as *brachybotrya*. cf. *Epidendrum brachybotrys*.

brachybotryum: as *brachybotrya*. cf. *Cleisostoma brachybotryum*. syn. *Pomatocalpa acuminatum*.

brachybulbon: short + bulb. cf. *Maxillaria brachybulbon*.

brachybulbum: short + bulb. cf. *Epidendrum brachybulbum*.

brachycalyptra: short + see *calyptra*: veil; hood, etc. cf. *Dendrobium brachycalyptra*.
brachycarpa: short + ref. *karpos*: fruit (capsule). cf. *Aerangis brachycarpa*.
brachycarpum: as *brachycarpa*. cf. *Dendrobium brachycarpum*. syn. *Aerangis brachycarpa*.
brachycaulos: short + ref. *caulis*: stem; stalk. cf. *Malaxis brachycaulos*.
brachycentra: short + ref. *centrum*: spur, etc. cf. *Jumellea brachycentra*.
brachycentron: as *brachycentra*. cf. *Aeranthus brachycentron*. syn. *A. grandiflora*.
brachycentrum: short + spur. cf. *Dendrobium brachycentrum*.
brachyceras: short + horn. Ref. the very short spur. cf. *Microtatorchis brachyceras*.
brachyceratitis: short + horned + suffix: swollen cf. *Habenaria brachyceratitis*. syn. *Habenaria monorrhiza*.
brachychaete: short + see *chaeta*, *chaeto*:- bristles, etc. Ref. the leaves. cf. *Glossorhyncha brachychaete*.
brachycheila: short + lip. cf. *Malaxis brachycheila*.
brachycheira: short + ref. *cheiros*: hand. cf. *Holothrix brachycheira*. syn. *H. papillosa*.
brachychila: short + lip. cf. *Calanthe brachychila*. syn. *C. mannii* Hook.f.1890.
brachychilum: short + lip. cf. *Bulbophyllum brachychilum*.
brachycion: short + ref. *kion*: pillar; column. cf. *Capanemia brachycion*.
Brachycladium: short + branch; twig, etc.(see *clad*-) + dimin., or characteristic of.= *Lepanthes* subgenus.
brachycladium: as *Brachycladium*. cf. *Epidendrum brachycladium*. syn. *E. blepharistes*.
brachycladum: short + see *clad*:- shoot, etc. cf. *Brachionidium brachycladum*.
brachyclinium: see *brachy*-+ small bed. cf. *Epidendrum brachyclinium*.
brachycolumna: short + column. cf. *Hagsatera brachycolumna*.
Brachycorythis: Lindley 1838: short + ref. *korythos*: helmet, or cap. Ref. the hooded flower. ex west Africa, eg. *Brachycorythis macrantha*.
brachycorythis: short + helmet, or cap. Or, may have been likened to *Brachycorythis*. cf. *Platanthera brachycorythis*. syn. *Brachycorythis pubescens*.
brachydactylon: short + digit; finger. cf. *Cynoches brachydactylon*.
brachygenium: short + kind; type, etc. cf. *Mediocalcar brachygenium*.
brachyglossa: short + tongue. cf. *Platanthera brachyglossa*. syn. *P. bifolia*.
brachyglossum: short + tongue. cf. *Epidendrum brachyglossum*. syn. *Neocogniauxia monophylla*.
brachyglotte (+ have noted it as *brachyglottae*): short + tongue (? , see *-glotta*). cf. *Loroglossum brachyglotte*. syn. *Orchis anthropophora*.
brachyglottis: short + tongue. ex Cuba, cf. *Pleurothallis brachyglottis*.
brachyloba: short + lobe. cf. *Oberonia bifida* var. *brachyloba*.
brachygyne: short + woman. Ref. the ovary. cf. *Coelogyne brachygyne*.
brachylabris : short + lip. cf. *Holothrix brachylabris*. syn. *H. exilis*.
brachylobos: short + lobe(s). cf. *Habenaria brachylobos*. syn. *H. petitiana*.
brachyobotryum: short + see *botry*:- raceme, etc. Ref. the very dense inflorescence. cf. *Pomatocalpa brachyobotryum*.
brachyodon: short + tooth; teeth. cf. *Phalaenopsis brachyodon*. syn.
brachyodonta: short + toothed; teeth (?). cf. *Malaxis brachyodonta*.

brachyodontum: as *brachyodonta*. cf. *Crepidium brachyodontum*. syn. *Malaxis brachyodonta*.
Brachyostele: short + stake. Could be for the column, or the stelidia, both are “short”. =
Bulbophyllum section.

brachyota: as *brachyotum*. cf. *Platyclinis brachyota*. syn. *Dendrochilum brachyotum*.

brachyotum: short + ref. *otos*: ear, eared. Or, could simply be: short + the suffix: of; like; being, etc.(see *-ota*). cf. *Dendrochilum brachyotum*.

brachyotus: as *brachyotum*. cf. *Ophrys brachyotus*. syn. *O. holoserica*.

brachypetala: short + petals. cf. *Octomeria brachypetala*. syn. *O. brevifolia*.

Brachypetalum: short + petals. = *Paphiopedilum* subgenus.

Brachypetalum: Hallier: short + petals. syn. *Paphiopedilum* Pfitzer.

brachypetalum: short + petals. cf. *Bulbophyllum brachypetalum*.

brachypetalus: short + petals. cf. *Peltopus brachypetalus*. syn. *Bulbophyllum brachypetalum*.

Brachypeza: Garay 1972: short + ref. *peza*: foot. ex Borneo, eg. *Brachypeza indusiata*.

brachyphylla: short + leaf. cf. *Phreatia brachyphylla*.

brachyphyllum: short + leaf. cf. *Epidendrum brachyphyllum*. syn. *E. secundum*.

brachyphyllus: short + leaf. cf. *Peristylus brachyphyllus*.

brachyphyta: short + ref. *phyton*: plant. cf. *Dendrobium brachyphyta*. syn. *D. vexillarius*
var. *uncinatum*.

brachyphyton: short + plant. cf. *Habenaria brachyphyton*.

brachyplectron: short + spur. cf. *Erythroides brachyplectron*.

brachypoda: short + foot. Ref. the pedicel. cf. *Malaxis monophyllos* var. *brachypoda*.

brachypodum: short + foot. cf. *Bulbophyllum brachypodum*. syn. *B. yoksunense*.

brachypogon: short + beard. cf. *Lepanthes brachypogon*.

brachyptera: short + see *pter-*: wing, etc. cf. *Coelogyne brachyptera*.

brachypterum: as *brachyptera*. cf. *Odontoglossum brachypterum*. syn. *Otoglossum*
brevifolium.

Brachypus: short + foot. Ref. the peduncle. = *Bulbophyllum* section.

brachypus: short + foot. Probably ref. the (almost) non-existent column-foot. cf.
Dendrobium brachypus.

brachyrepens: *brachy-* + creeping. cf. *Epidendrum brachyrepens*.

brachyrhopalon: short + club. Ref. the spur, likened to a short club. cf. *Angraecum*
brachyrhopalon.

brachyrrhyncha: short + snout; beak. cf. *Erythroides brachyrrhyncha*.

brachyrrhynchum: short + snout; beak. cf. *Satyrium brachyrrhynchum*. syn. *S. macrophyllum*.

brachyrrhyncha: short + see *rhynch-*: beak etc. Ref. the rostellum, or operculum (?). cf.
Eulophia brachyrrhyncha.

brachyrrhynchos: as *brachyrrhyncha*. cf. *Malaxis brachyrrhynchos*.

brachyscapa: short + see *scape*: a kind of flower stem. cf. *Caladenia brachyscapa*.

brachyschistum: short + see *schist-*: split, etc. cf. *Epidendrum brachyschistum*.

brachystachya: short + see *stachy-*: spike. cf. *Eria brachystachya*.

Brachystachya: short + spike. = *Bulbophyllum* section.

Brachystachyae: (those) with short spike(s). = *Pleurothallis* subgenus *Acianthera* section
Brachystachyae.

brachystachys: short + spike. cf. *Phreatia brachystachys*.

brachystachyum: short + spike. cf. *Genoplesium brachystachyum*. Noted as endemic to Tas., Aust.

brachystachyus: short + spike. cf. *Ornithocephalus brachystachyus*.

brachystalix: short + stake (: column). cf. *Otostylis brachystalix*. syn. *O. lepida*.

brachystegia: see *brachy-*: a diminutive (: small?) + ref. *stegion*: small cover; roof. cf. *Goodyera brachystegia*.

brachystegium: as *brachystegia*. cf. *Oncidium brachystegium*.

Brachystele: Schltr.1920: short + see *stele*: base; pillar; column, etc. ex Brazil, eg.

Brachystele bracteosa (Lindl.) Schltr.

brachystele: as *Brachystele*. cf. *Lepanthes brachystele*.

brachysteloides: see *brachystele* + resembling. Noted as likened to *Epidendrum brachystele*. cf. *Epidendrum brachysteloides*. syn. *E. colombianum*.

brachystyla: short + see *style*: column. cf. *Eulophia brachystyla*.

brachythecum: see *brachy-* + see *theca*: cover, etc. cf. *Dendrobium brachythecum*. syn. *D. macrophyllum*.

brachythysus: short + see *thyrs-*: staff, etc. cf. *Epidendrum brachythysus*. syn. *E. paniculatum*.

brachyura: short + ref. *oura*: tail(s). cf. *Masdevallia brachyura*.

Bracisepalum: J.J.Sm.1933, see *Brachisepalum*. ex Sulawesi, eg. *Bracisepalum selebicum*.

bract: listed as orig. ref. *bractea*: a thin metal plate; scale; small leaf. For us: a leaf-like organ (mostly) subtending another organ or inflo. Can be large and be mistaken for a real leaf, or minute and scale-like. Can also be coloured and appear as part of the flower, eg. *Dendrobium bracteosum*. Sometimes seen in a discussion is “floral bract”, which is easier to remember than the correct word: bracteole. + It is also being definite and avoids confusion. + See ligule, ligulate.

bracteale: see bract + suffix: relative to; of. cf. *Satyrium bracteale*. syn. *Coeloglossum viride* var. *virescens*.

bractealis: as *bracteale*. cf. *Orchis bractealis*.

bracteata: see bracteate, bract. Ref. the bracted raceme. cf. *Liparis bracteata*. Noted as endemic to nth. Qld., Aust.

bracteate: see bract. Bracted; having, or like a bract, or bracts.

bracteatum: see bracteate, bract. Ref. the bracts on the inflo. cf. *Bulbophyllum bracteatum*. Noted as endemic to Aust.

bracteatus: see bracteate. cf. *Isochilus bracteatus*.

bracteolaris: see bracteole + suffix: of; relative to. cf. *Spiranthes bracteolaris*. syn.

Dichromanthus michuacanus.

bracteolata: see bracteole + suffix: having; like. cf. *Trichotosia bracteolata*. syn. *Eria pilifera*.

bracteolatum: as *bracteolata*. cf. *Bulbophyllum bracteolatum*.

bracteole: ref. *bracteola*: *bractea* + dimin. A small leaf-like organ below a pedicel or peduncle. Different to a regular bract, in that from the axil, only flowers arise. If you can't remember this word, call it a floral bract (: the common term).

bracteosa: see bracteose, bract. cf. *Appendicula bracteosa*.

bracteose: see *bract*: with many bracts; much bracted; bract-like; with obvious, or well developed bracts.

bracteostigma: see *bract* + see *stigma*, *stigmat*. cf. *Epidendrum bracteostigma*.

bracteosum: see *bracteose*. cf. *Dendrobium bracteosum*, pers.coll. Sept.'69. All the books I've read say they are **not** to be found within the environs of PM.PNG. and yet I found a large population, had to be many hundreds of them, off the (then brand-new) "Hornibrook Highway". About halfway out to Sirinumu Dam, the road hit the edge of a mini-forest of teatree scrub (don't know trees, but that's what they looked like) and the other side was open grassland (lots of *Spathoglottis* around there too). The trees grew so close together you couldn't force your way through them, were about 12ft.(3.8m) high and the upper small branches were simply loaded, like weird fruit. Each plant consisted of c4-6 stems. Very untidy, scruffy little plants with exquisite long-lasting flowers (each lasting for some months), they were the lovely pink form and the matching bracts really enhance the flowers (hence, *bracteosum*). Where the edge of the scrub had been bulldozed in, it was easy to pick some off the fallen trees, to take home (for some TLC.). The temptation to take a car-load was great, but unnecessary, as I knew where they were and have never divulged their location, for fear of avaricious and acquisitive collectors. I reveal this info. now, as I feel sure they'd be long gone, because they were so publicly accessible. Or, maybe burned in one of the many seasonal bushfires that occur in the region.

bracteosus: see *bracteose*. cf. *Phaius bracteosus* syn. *P. flavus*.

bractescens: tending to, or becoming bracted. cf. *Bulbophyllum bractescens*.

bractiacuminatum: see *bract* + *acuminate*: pointed, tapered to a point, etc. cf. *Epidendrum bractiacuminatum*.

bractiform: *bract* + *form*; shape. Like a bract; having the shape, or appearance of a bract.

bradeana: belonging to Brade, see *bradeorum*. ex São Paulo state, Brazil, cf. *Habenaria bradeana* Kraenzl.1915.

bradeanum: as *bradeana*. ex Brazil, cf. *Epidendrum bradeanum* Kraenzl.1915.

x *Bradeara*: auct.: of, or belonging to Brade (see *bradeorum*). On the syn. list, noted as the result of *Comparettia* x *Gomesa* x *Rodriguezia*.

bradei: see *bradeorum*. ex Brazil, cf. *Maxillaria bradei* Schltr.ex Hoehne 1936.

bradeorum: of, or belonging to Brade. Listed for phytologist, author, collector and authority Alexander Curt Brade (1881-1971). Co-author of many new species. with friend and colleague Campos Porto (see *campos-portoi*). They collected widely in the central American tropics, early to mid 1900s. ex Costa Rica, cf. *Sobralia bradeorum* Schltr.1923.

Braemia: Jenny 1985. Listed for phytologist and author, Guido J.Braem (+ of). ex Colombia, eg. *Braemia vittata*. syn. *Polycynis vittata*.

braemii: of Braem, see *Braemia*. ex Sumatra, cf. *Paphiopedilum braemii* H.Mohr 1989. syn. *P. tonsum*.

bragancae: listed for place name: of Bragança (?), Espirito Santo state, Brazil. cf. *Encyclia bragancae* Ruschi 1976.

braianense: for place name (+ from), only listed as ex Burma (Myanmar). cf. *Dendrobium braianense* Gagnep.1938. syn. *D. capillipes*.

brainei: listed for A.B.Braine (+ of), orchidist and authoritative collector of Vic., Aust. cf. *Prasophyllum brainei* R.S.Rogers 1922. syn. *Prasophyllum lindleyanum* Rchb.f.1871. Noted as endemic to s.east Aust.

branchifera: ref. *branchos*: fin; gill + bearing. cf. *Lepanthes branchifera*.

brancifortii: listed as ex Palermo, Sicily and noted the author named it for his patron Prince Brancifortis. cf. *Orchis brancifortii* Biv.1813. Trivium: was interested to note this species was in a publication, listed as: "Stirp. Rar. Sicilia", which freely trans. to: uncommon (and/or, rare) plants of Sicily (see *stirpis* + *rara* + *Sicilia*: of Sicily).

branderhorstii: listed for orig.coll., Dutch botanist, B.Brandenhorst who collected in Papua, Indon. c1901. cf. *Dendrobium branderhorstii* J.J.Sm.1910. Pers.coll. ex PM.PNG.

brandisii: listed for orig.coll., botanist Dietrich Brandis (1824-1907). ex Pyu Kuaung, Burma (Myanmar). cf. *Eria brandisii* King & Pantl.1897. syn. *E. perpusilla*.

brandtii: listed for noted grower, F.Brandt of Charlottenburg, Berlin, Germany. ex Colombia, cf. *Odontoglossum* x *brandtii* Kraenzl.& Wittm.1889.

brangeri: listed for botanist, C.Branger (+ of) c1968. ex Colombia, cf. *Dracula brangeri* Luer 1986.

x *Brapacidium*: M.O.Carp.& J.M.H.Shaw. On the syn. list, cf. *Aspasia* x ***Brassia*** x ***Oncidium***.

x *Brapasias*: auct. On the syn. list, cf. *Aspasia* x ***Brassia***.

brasiliense: from Brazil. cf. *Epidendrum brasiliense* A.D.Hawkes 1957. syn. *Encyclia dichroma*.

brasiliensis: from Brazil. ex Minas Gerais state, cf. *Cleistes brasiliensis* (Barb.Rodr.) Schltr.1925.

Brasilocynnis: G.Gerlach & Whitten 1999: Brazil + swan (the "o" is a spacer). cf. *Brasilocynnis breviloba* (Summerh.) G.Gerlach & Whitten 1999. syn. *Lueckelia breviloba*. Also noted, *Brasilocynnis* is listed as syn. to *Polycynnis*.

x *Brassada*: auct. On the syn. list, cf. ***Ada*** x ***Brassia***.

Brassavola: R.Br.1813. Listed for Venetian nobleman and noted grower, Antonio Musa Brassavola. ex Mexico, etc., eg. *Brassavola cucullata*.

brassavolae: possibly was likened to *Brassavola* (+ of), but may be for A.M.Brassavola (?), see last entry). ex the central Americas, cf. *Macradenia brassavolae* Rchb.f.1852.

Brassavolaea: Poeppig & Endl. 1838, see *Brassavola*. syn. *Brassavola*.

Brassavolea: Sprengel 1826, see *Brassavola*. syn. *Brassavola*.

Brassia: R.Br.1813. Listed for William Brass (+ of). Noted as a talented bot. artist and collector who worked for Sir Joseph Banks (see *banksii*). ex Mexico, Jamaica, etc., eg. *Brassia maculata*.

brassia: see *Brassia*. cf. *Oncidium brassia* Rchb.f.1863. syn. *Brassia maculata*.

x *Brassidium*: auct. On the syn. list, cf. ***Brassia*** x ***Oncidium***.

brassii: listed for orig.coll., botanist and naturalist, Leonnard John Brass (+ of). He collected in Papua, Indon., during three scientific expeditions 1925, 1933-'34, 1938-'39. cf. *Bulbophyllum brassii* J.J.Verm.1993.

x *Brassioda*: auct. On the syn. list, cf. ***Brassia* x *Cochlioda***.

brassivoliforme: is officially listed as such, but may be an error and should be *brassavoliforme* (?). Ref. *Brassavola* + shape; form. cf. *Epidendrum brassivoliforme*.

x *Brassocattleya*: Rolfe 1889. Listed as a natcross of *Brassavola* x *Cattleya*. ex Brazil, eg. x *Brassocattleya lindleyana* (Veitch) Rolfe 1889.

x *Brassochilus*: auct. On the syn. list, cf. ***Brassia* x *Leochilus***.

x *Brassodiacrium*: auct. Same comments as, x *Brassidium*. cf. ***Brassavola* x *Diacrium*** (syn. *Caularthron*).

x *Brassoepidendrum*: auct. On the syn. list, cf. ***Brassavola* x *Epidendrum***.

x *Brassoepilaelia*: auct. On the syn. list, cf. ***Brassavola* x *Epidendrum* x *Laelia***.

x *Brassokeria*: auct. On the syn. list, cf. *Barkeria* x ***Brassavola***.

x *Brassolaelia*: auct. On the syn. list, cf. ***Brassavola* x *Laelia***.

x *Brassolaeliocattleya*: auct. On the syn. list, cf. *Brassavola* x *Cattleya* x *Laelia*.

x *Brassomicra*: auct. On the syn. list, cf. ***Brassavola* x *Tetramicra***.

x *Brassotonia*: auct. On the syn. list, cf. ***Brassavola* x *Broughtonia***.

brastagiense: listed for place name: from Berastagi (village), Sumatera Utara, Sumatra, Indon. cf. *Bulbophyllum brastagiense* Carr 1933. syn. *B. crepidiferum*.

brastagiensis: as *brastagiense*. cf. *Ferruminaria brastagiensis* (Carr) Garay, Hamer & Siegerist 1994. syn. *Bulbophyllum crepidiferum*.

brauniana: belonging to Braun, see *braunii*. ex Madagascar, cf. *Oeonia brauniana* H.Wendl.& Kraenzl.1900.

braunii: of Braun. For orig.coll., botanist Heinrich Braun (1851-1920). ex Zaire, Africa, cf. *Bulbophyllum braunii* Kraenzl. 1889. syn. *B. falcipetalum*.

braybonae: for place name (+ of), listed as ex the Zoutpansberg Mtns., Northern Prov., Sth.Africa. cf. *Mystacidium braybonae* Summerh.1949.

breadalbanensis: from Breadalbane (mtn. range), Stirling (admin.division), Scotland. cf. x *Pseudanthera breadalbanensis* McKean 1982. Noted as monotypic.

breedlovei: listed for phytologist and author, Dennis E.Breedlove (b1939). ex Mexico, cf. *Lepanthes breedlovei* Salazar & Soto Arenas 1996.

breinerorum: for phytologists and authors R.& E.Breiner + belonging to. Listed as a natcross, ex France, cf. *Gymnadenia x breinerorum* O.Gerbaud & W.Foelsche 1999.

brejetubensis: from Brejetuba, a town of Espirito Santo state, Brazil. cf. *Pseudolaelia brejetubensis* M.Frey 2003.

bremifera: horsefly (or, gadfly) + see -fer: bearing. An allusion to a flower. cf. *Ophrys bremifera*. syn. *O. scolopax*.

brenanii: listed for botanist and author, John Patrick Micklethwait Brenan (1917-1985). ex Zaire to Zambia, cf. *Eulophia brenanii* P.J.Cribb & la Croix 1998.

Brenesia: Schltr.1923. Listed for Prof. Alberto M.Brenes (+ of), a Costa Rican botanist. syn. *Pleurothallis* R.Br.

brenesii: see *Brenesia*. ex Costa Rica, cf. *Notylia brenesii* Schltr.1923.

brennensis: from Brennen (: Pogorzelska Wielka), a town of Warmińsko-mazurskie, Poland.
cf. *Dactylorhiza brennensis* (E.Nelson) D.Tyteca & Gathoye 1988.

breve: see *brevi*:- short, etc. Almost all parts are described as being “short”. By the line drawings and description, am sure it has a twin brother, pers.coll. Orig., ex Itikinu, Aug.’70 and then, fairly common ex PM.PNG. cf. *Bulbophyllum breve*.

brevi:- used in compwds., ref. *brevis*: short. Also: brief; shallow; concise; condensed, etc.
+ Can infer: of lesser quality.

brevibrachiata: see *brevi*+ see *brachiata* (: having short arms?). ex Java, cf. *Ceratostylis brevibrachiata* J.J.Sm.

brevibrachiatum: as *brevibrachiata*. cf. *Bulbophyllum brevibrachiatum*.

brevibracteata: see *brevi*+ see *bracteata*. cf. *Dactylorhiza incarnata* var. *brevibracteata*. syn. *Dactylorhiza incarnata*.

brevibracteatum: see *brevi*+ see *bracteata*. cf. *Thrixspermum brevibracteatum*.

brevibulbum: short + bulb. cf. *Dendrobium brevibulbum*. syn. *Epigeneium pulchellum*.

Brevicalcar: short + spur.= *Mediocalcar* section.

brevicalcar: short + spur. cf. *Erythrodia brevicalcar*.

brevicalcarata: short + see *calcarata*: having a short spur. cf. *Calanthe leucosceptra* var. *brevicalcarata*.

brevicalcaratum: as *brevicalcarata*. cf. *Satyrium stenopetalum* var. *brevicalcaratum*.

brevicalcaratus: as *brevicalcarata*. cf. *Podochilus longipes* var. *brevicalcaratus*. syn. *P. hellwigii* Schltr.1900.

brevicapsularis: short + capsule + relative to. Listed as “short” compared to some others.
cf. *Thrixspermum brevicapsularis*.

brevicauda: short + tail. cf. *Dockrillia brevicauda*. syn. *Dendrobium brevicaudum*.

brevicaudata: short + see *caudata*: tailed. cf. *Disperis capensis* var. *brevicaudata*.

brevicaudatum: short + tailed. cf. *Brachionidium brevicaudatum*.

brevicaudum: short + tail. cf. *Dendrobium brevicaudum*.

brevicaule: short + ref. *caulis*: stem; stalk. cf. *Dendrobium brevicaule*. Endemic to PNG.

brevicaulis: as *brevicaule*. cf. *Phreatia brevecaulis*.

breviceps: short + head. This species has a short stem, so the “head” of flowers is down low (: short). cf. *Ceratostylis breviceps*. Noted as endemic to Papua, Indon.

breviceras: short + horn. cf. *Dactylorhiza* x *breviceras* Renz & Taubenheim 1983. Listed as a natcross of *D. osmanica* x *D. urvilleana*.

brevicernuum: short + see *cernuum*: face down, etc. cf. *Epidendrum brevicernuum*.

breviclavata: short + *clavata*: clubbed. cf. *Ceratostylis breviclavata*.

brevicolle: short + ref. *collum*: neck. cf. *Diplocaulobium brevicolle*.

brevicolor: descwd., see *brevi*+ colour. Here *brevi*-, is probably: not emphatic; not outstanding, (as) pale, or drab.

brevicolumna: short + column. cf. *Bulbophyllum brevicolumna*.

breviconnatum: short + see *connate*. cf. *Pachyphyllum brevisconnatum*.

brevicornis: short + horn. cf. *Disa brevicornis*.

brevicornu: short + horn. cf. *Calanthe brevicornu*.

brevicostata: short + see *costata*: ribbed, etc. cf. *Ceratostylis brevicostata*.

brevicristatum: short + see *cristate*: crested. cf. *Epistephium brevicristatum*.
brevicuspis: see *brevi*-+ see *cuspis*: point. cf. *Caladenia multiclavia* var. *brevicuspis*. Noted as endemic to West.Aust.
brevidens: short + see *dens*: tooth; teeth, etc. cf. *Habenaria brevidens*.
brevidentata: see *brevi*-+ see *dentate*: toothed, etc. cf. *Malaxis brevidentata*.
brevidentatum: as *brevidentata*. cf. *Crepidium brevidentatum*. syn. *Malaxis brevidentata*.
brevidenticulatum: see *brevi*-+ see *denticulate*: like, or having a small tooth (or, teeth?). cf. *Bulbophyllum brevidenticulatum*. syn. *B. cocoinum*.
breviflora: see *brevi*-+ flower. cf. *Trichotosia breviflora*.
Breviflores: see *brevi*-+ flower(s).= *Dendrobium* section.
breviflorum: see *brevi*-+ flower. cf. *Bulbophyllum breviflorum*.
breviflos: see *brevi*-+ see *flos*: flower. cf. *Calanthe breviflos*.
brevifolia: short + leaf. cf. *Diuris brevifolia*. Noted as endemic to Sth.Aust.
brevifolium: short + leaf. cf. *Otoglossum brevifolium*.
brevifolius: short + leaf. cf. *Microsaccus brevifolius*. syn. *M. griffithii*.
brevilabia: short + lip. cf. *Maxillaria brevilabia*.
brevilabiata: see *brevi*-+ see *labiate*: lipped, etc. cf. *Habenaria brevilabiata*.
brevilabium: see *brevi*-+ lip. cf. *Dendrobium brevilabium*.
brevilabrata: see *brevi*-+ lipped. cf. *Platyclinis brevilabrata*. syn. *Dendrochilum pallidiflavens* var. *brevilabratum*.
brevilabratum: see *brevi*-+ lipped. cf. *Dendrochilum pallidiflavens* var. *brevilabratum*.
brevilabre: short + lip. cf. *Prasophyllum brevilabre*.
brevilabris: see *brevi*-+ lip. cf. *Plectorrhiza brevilabris*. Noted as endemic to Qld., Aust.
brevilabrum: see *brevi*-+ lip. cf. *Oncidium brevilabrum*.
brevilacquae: of *Brevilacqua* (: Privlaka), a coastal town of s.west Croatia. cf. x *Orchiserapias brevilacquae* Penz.
brevilamellata: see *brevi*-+ having lamellae, see lamella, lamellate, cf. *Chelonistele brevilamellata*.
brevilinguis: short + tongue. cf. *Eria muscicola* var. *brevilinguis*. syn. *Eria muscicola*.
breviloba: see *brevi*-+ see lobe. cf. *Angraecum breviloba*.
brevilobus: as *breviloba*. *Peristylus brevilobus*.
brevimentum: see *brevi*-+ mentum: chin. Or, *brevi*-+ see -mentum: shortened (?). cf. *Dendrobium brevimentum*.
brevipedunculata: see *brevi*-+ pedunculate: having a short peduncle (: flower stem part, see "P"). cf. *Sophranitis brevipedunculata*.
brevipes: short + foot. Ref. the column-foot. cf. *Ceratostylis brevipes*.
brevipetala: short + petals. cf. *Glomera brevipetala*.
brevipetalum: short + petals. cf. *Bulbophyllum brevipetalum*.
breviplectra: short + spur. cf. *Cynorkis breviplectra*.
breviracema: short + raceme; bunch, etc. cf. *Bulbophyllum breviracema*.
breviracemosum: with short racemes, or may be: having few racemes. See *brevi*-+ see racemose. cf. *Bulbophyllum breviracemosum*.
breviracemum: see *brevi*-+ see racemi-. cf. *Pomatocalpa racemum*. syn. *Trichoglottis rosea*.

brevirachis: short + rachis (: flower stem part, see "R"). cf. *Schoenorchis brevirachis*.
brevirhachis: short + rachis (see "R"). cf. *Trichotosia brevirhachis*.
brevirostris: short + beak (see rostrate). cf. *Platycoryne brevirostris*.
brevis: see *brevi*:- short, etc. Ref. the column-foot. cf. *Phreatia brevis*.
brevisaccata: see *brevi*-+ saccate: pouched, etc. cf. *Malleola brevisaccata*.
brevisaccatum: see *brevi*-+ see saccate: pouched, etc. Ref. base of lip. cf. *Mediocalcar brevisaccatum*. syn. *M. bifolium*. Noted as endemic to New Guinea.
breviscapa: short + scape (: flower stem, see "S"). cf. *Coelogyne breviscapa*.
breviscapum: as *breviscapa*. cf. *Bulbophyllum breviscapum*. syn. *B. desmotrichoides*.
brevisepala: short + sepal(s?). cf. *Eulophia brevisepala*. syn. *Eulophia speciosa*.
brevisepalus: short + sepal(s?). cf. *Lissochilus brevisepalus*. syn. *Eulophia speciosa*.
brevispatha: short + see spathe: a broad flat blade, etc. cf. *Lycaste brevispatha*.
brevispica: short + spike. cf. *Oberonia brevispica*.
brevispicata: short + spiked. cf. *Trichosalpinx brevispicata*. syn. *T. quitensis*.
brevispicatum: short + spiked. cf. *Bulbophyllum brevispicatum*.
brevissima: short + suffix, an emphasis: very, etc. cf. *Diuris brevissima*. syn. Noted as endemic to Aust.(NSW. and Vic.)
brevistylidium: short + see stylids, stelidia (: small column appendages). cf. *Bulbophyllum brevistylidium*.
brevistylis: short + see style: column. cf. *Anoectochilus brevistylis*.
brevisura: ref. *brevis* + -ura: short + tail(s). cf. *Caladenia brevisura*. Noted as endemic to West.Aust.
brevisurum: as *brevisura*. cf. *Calonema brevisurum*. syn. *Caladenia brevisura*.
brevisurus: as *brevisura*. cf. *Phlebochilus brevisurus*. syn. *Caladenia brevisura*.
brevivaginans: short + sheathing (see vaginate). cf. *Aeranthès brevivaginans*.
brevivenioides: was probably likened to *Epidendrum brevivenum* (+-oides: resembling). cf. *Epidendrum brevivenioides*.
brevivenum: short + veined. ex Ecuador, cf. *Epidendrum brevivenum*.
bricenoensis: for place name (+ from), only listed as ex Colombia. Noted at least, six villages called Briceño, from different Departments. cf. *Trichosalpinx bricenoensis* Luer & R.Escobar 1997.
briegeri: of Brieger. For Prof. Friedrich Gustav Brieger (1900-1985). A geneticist, botanist, author and phytologist of the Univ.of São Paulo. ex Brazil, cf. *Sophronitis briegeri* (Blumensch.) Van den Berg & M.W.Chase 2000.
Briegeria: Senghas 1980, see *briegeri*. ex Costa Rica, eg. *Briegeria aporophylla*.
brienianum: probably for James O'Brien, see *obrienianum*. ex Brazil and Paraguay, cf. *Oncidium brienianum* Rchb.f.1881. syn. *O. widgrenii*.
brigittae: may be for a person's name (+ of), but also ref. Grube **Brigitta**, a town of Saxony, Germany (?). cf. *Ophrys brigittae* H.Baumann 1981. syn. *O. fusca* ssp.*vasconica*.
brinchangense: for place name: from Gunong Brinchang (mtn.), Cameron Highlands, Malaya. cf. *Dendrobium brinchangense* Holttum 1947. syn. *D. hasseltii*.

brisbanense: from Brisbane, capital city of Qld. state, Aust. cf. *Dendrobium brisbanense* Rchb.f.1861. syn. *Dendrobium gracilicaule*.

brittonae: belonging to Britton, see *brittonii*. ex Cuba, cf. *Habenaria brittonae* Ames 1912.

brittoniae: see *brittonii*, but with this one, the suffix *-iae*, is feminine (?). Or, it may have something to do with the publication, "Brittonia" (+ of ?). ex Florida to Cuba, cf. *Ponthieva brittoniae* Ames 1910.

brittoniana: belonging to Britton, see *brittonii*. ex Bolivia, cf. *Pleurothallis brittoniana* Rolfe ex Britton 1895.

brittonianum: as *brittoniana*, see *brittonii*. ex the Caribbean region, cf. *Epidendrum brittonianum* A.D.Hawkes 1957. syn. *Psychilis bifida*.

brittonii: of Nathaniel Lord Britton (1859-1934), American author and botanist. ex sthn. USA. to the Caribbean, cf. *Malaxis brittonii* Acuña 1939. syn. *M. spicata*.

broadwayi: listed for orig.coll., W.E.Broadway. ex St.George's, Granada (W.Indies). cf. *Pleurothallis broadwayi* Ames 1908. syn. *P. foliata*.

brocklehurstiana: listed for noted grower, G.Brocklehurst (+ belonging to) of Macclesfield, Eng., first to flower it. ex sthn. Brazil, cf. *Houlletia brocklehurstiana* Lindley 1841.

bromeliads: this entry for cross-reference, see *tillandsioides*. Ref. the genus *Bromelia*, listed as orig. named for Swedish botanist and naturalist, Olaf Bromel [+ of] (1639-1705). Bromeliad: common name for plants of the *Bromeliaceae* family, noted to contain c2,000 species of epiphytes, lithophytes and terrestrials. The majority are found in the central American tropics and many are prized as ornamentals for their brilliant, exotic flowers. They have a huge following of dedicated collectors, fanciers, clubs and societies, world-wide. Trivium: what does a pineapple and Spanish moss have in common? Both are bromeliads. (I didn't know that!)

Bromheadia: Lindley 1841. Listed for Sir Edward French Bromhead Bart. FRS, noted grower and keen amateur botanist. ex west Malesia, eg. *Bromheadia brevifolia*.

Bromheadiinae: see *Bromheadia* + suffix denotes it's a subtribe.

brongniartiana: as *brongniartianum*. ex Ethiopia, Africa, cf. *Holothrix brongniartiana* Rchb.f.1881.

brongniartianum: belonging to Brongniart. For author and botanist, Adolphe Theodore Brongniart (1801-1851). Descs. accr. to him are abbr. to: Brongn. ex Madagascar, cf. *Angraecum brongniartianum* Rchb.f. ex Lindl. syn. *A. eburneum* var. *superbum*.

brongniartii: see *brongniartianum*. ex the Philipp. to New Guinea, cf. *Dendrobium brongniartii* Kraenzl.. syn. *Eria aporoides*.

brookeanum: listed for Charles Brooke (+ belonging to). ex Sarawak, Borneo, cf. *Bulbophyllum brookeanum* Kraenzl. 1904. syn. *B. vermiculare*.

brookei: of Brooke. Listed for noted grower, Sir Richard Brooke of Cheshire, Eng., first to flower it. ex India, cf. *Aerides brookei* Bateman ex Lindley 1841. syn. *A. crispum*.

brookesii: the type is listed as: "Sarawak, Bidi; Brookes" (for orig.coll.). cf. *Bulbophyllum brookesii* Ridley. syn. *B. odoratum*.

brooksii: listed for orig.coll., botanist, Cecil Joslin Brooks (1875-1953). ex Sumatra c1923, cf. *Bulbophyllum brooksii* Ridl.

broomfieldiensis: from Broomfield. Noted five towns in Great Britain with this name. For where it flowered in cultivation, cf. x *Laeliocattleya broomfieldiensis* auct. (syn.).

broomfieldii: listed for orig.coll., Captain Broomfield of Qld., Aust. cf. *Dendrobium discolor* var. *broomfieldii* (Fitzg.) M.A.Clem.& D.L.Jones 1989. Noted as endemic.

broteroana: listed for botanist and naturalist, Felix d'Avellar Brotero [+ belonging to] (1744-1828). Descs. accr. to him are abbr. to: Brot. ex Europe to the Caucasus, cf. *Orchis broteroana* Rivas Goday & Bellot 1946. syn. *Neotinea tridentata*.

broteroi: as *broteroana*. cf. *Ophrys broteroi* Welw.ex Nyman 1882. syn. *O. apifera*.

Broughtonia: R.Br.1813. Listed for Arthur Broughton (+ of), an Eng. botanist who collected in Jamaica and surrounds. eg. *Broughtonia sanguinea*.

broughtonioides: ref. *Broughtonia* + suffix: resembling. cf. *Epidendrum broughtonioides*. syn. *Domingoa haematochila*.

x *Broughtopsis*: auct. On the syn. list, cf. ***Broughtonia* x *Laeliopsis***.

brownii: listed for Robert Brown (1773-1858). Born Montrose, Scotland and initially studied medicine. Was science officer and botanist to Matthew Flinders' expedition, the circumnavigation of Aust., in the vessel "Investigator" (1801-'05). Then became Librarian for Sir Joseph Banks (15yrs.). In 1827 became the first "Keeper of Botany", British Museum. From 1849-'53 was President of the Royal Society. A very famous naturalist, author and phytologist. Descs. accr. to him are abbr. to: R.Br. cf. *Microtis brownii* Rchb.f.1871. Noted as endemic to West.Aust. + See next entry.

brownii: listed for phytologist and authoritative orchidologist, Nicholas Edward Brown (1849-1934). Descs. accr. to him are abbr. to: N.E.Br. ex Africa, cf. *Cyrtorchis brownii* (Rolfe) Schltr.1918.

Brownleea: Harv.ex Lindley 1842. Listed for orig.coll., the Rev.J.Brownlee, a missionary at King William's Town, Caffraria (Sth. Africa). eg. *Brownleea maculata*.

bruchmuelleri: listed for orig.coll., Albert Bruchmueller (+ of). ex Colombia, cf. *Telipogon bruchmuelleri* Rchb.f.1877. syn. *T. latifolius*.

bruchmulleri: as *bruchmuelleri*. Noted as ex Colombia to Venezuela, cf. *Masdevallia bruchmulleri* E.Morren 1873. syn. *M. coricea*.

bruhnsiana: listed for orig.coll., E.Bruhns (+ belonging to) c1867. ex Azerbaijan, SSR., s.east Russia, cf. *Orchis papilionacea* var. *bruhnsiana* S.A.Gruner. syn. *Anacamptis papilionacea*.

brulloi: for phytologist and author, Salvatore Brullo (b1947). ex Italy, cf. *Limodorum brulloi* Bartolo & Pulv.1993.

brumale: as *brumalis*. ex Sth.Aust., cf. *Calonema brumale*. syn. *Caladenia brumalis*.

brumalis: ref. *bruma*: winter solstice + suffix: of; relative to: wintry; of winter. cf. *Pterostylis brumalis*. Noted as endemic to NZ.

brunea: ref. *brun*: brown + suffix, for the colour. cf. *Eria brunea*. syn. *E. robusta*.

bruneiensis: for place name: from Brunei: a Sultanate of Borneo. cf. *Coelogyne bruneiensis* de Vogel 1992.

bruneolus: ref. *brunneus* + dimin. suffix: an obscure colour term: brownish. Not as deep as *brunneus*.

brunleesianum: listed for noted grower J. Brunlees (+ belonging to) of Westminster, Eng., first to flower it. ex Brazil, cf. *Oncidium brunleesianum* Rchb.f.1881.

brunnea: of brown, + see *brunneus*. Ref. the flowers. cf. *Oberonia brunnea*.

brunneolobata: brown + lobed. cf. *Liparis brunneolobata*.

brunneomaculatum: (dark-) brown + spotted. cf. *Angraecum brunneomaculatum*. syn. *Ancistrochilus clandestinus*.

brunneomaculatus: (dark-) brown + spotted. cf. *Ancistrorhynchus brunneomaculatus*. syn. *Ancistrochilus clandestinus*.

brunneorubra: brown + "red" (can be of many shades). cf. *Eulophia brunneorubra*. syn. *Eulophia odontoglossa*.

brunnescens: descwd., or a vague colour term: brown + suffix: tending to. See next entry.

brunnescens: as last entry. The flowers shade from pinkish to brown. In the discussion they are desc. as: brownish-salmon. cf. *Liparis brunnescens*.

brunneus: a colour term: a dull, rather deep brown.

brunneus: as *brunneus*. cf. *Lissochilus brunneus*. syn. *Eulophia gonychila*.

brunnipetalum: brown + petals. cf. *Oncidium brunnipetalum*.

brunonensis: for place name (+ from), only listed as ex Java. cf. *Apostasia brunonensis* Griff.1851.

brunoniana: listed as a Lat'd. adaption of the surname of Robert Brown (+ belonging to), see *brownii* (incidentally, the flowers are also "brown"). ex India, cf. *Oberonia brunoniana* Wight 1851.

brunonis: same as *brunoniana*. cf. *Elythranthera brunonis* (Endl.) A.S.George 1963. Noted as endemic to West.Aust.

bruxellensis: Lat'd. spelling for place name: from Brussels city, Belgium. cf. *Epipactis x bruxellensis* P.Delforge 1996. Listed as a natcross of *E. helleborine* x *E. phyllanthos*.

bruxellii: ref. *Bruxella*: ancient name for Brussels city, Belgium (+ of, or belonging to). As this species is listed to be from Brazil and Argentina, perhaps this is for where it was flowered in cultivation (?). cf. *Aspidogyne bruxellii* (Pabst) Garay 1977.

bryceana: listed for orig.coll., Francis Bryce MacIntyre.(+ belonging to). cf. *Caladenia bryceana* R.S.Rogers 1914. Noted as endemic to West.Aust.

bryceanus: as *bryceana*. cf. *Phlebochilus bryceanus* (R.S.Rogers) Szlach.2001. syn. *Caladenia bryceana*.

brymeriana: belonging to Brymer. Listed for noted grower W.E.Brymer, MP. for Dorchester, Eng., first to flower it. ex Brazil, cf. *Cattleya x brymeriana* Rchb.f.1883.

brymerianum: as *brymeriana*. ex China to Indo-China, cf. *Dendrobium brymerianum* Rchb.f.1875. Look for this one, the labellum is fantastic!

Bryobium: Lindley 1836: ref. *bryon*: moss + suffix, see *-bium*: like, etc. eg. *Bryobium pubescens*. syn. *Eria retusa*.

bryocladium: moss + see *clad-*: shoot; sprout, etc. cf. *Oncidium bryocladium*.

bryoides: moss + resembling. cf. *Microtatorchis bryoides*.

bryology: ref. *bryon*: (tree-) moss + ref. *logos*: discourse. A branch of Botany: the study of mosses and liverworts (see "M").
bryolophotum: ref. *bryon*: moss + *lophotum*: crested. Ref. the hairy callus, base of labellum. cf. *Oncidium bryolophotum*.
bryophila: moss + loving. cf. *Pterostylis bryophila*. Noted as endemic to Sth.Aust.
bryophilum: moss + loving. cf. *Epidendrum bryophilum*.
bryophilus: moss + loving. cf. *Corybas bryophilus*.
bryophytum: moss + plant. cf. *Pachyphyllum bryophytum*.
bryophytus: moss + plant. cf. *Orchidotypus bryophytus*. syn. *Pachyphyllum bryophytum*.
bryostachys: moss + see *stachy*:- spike (inflo.), etc. cf. *Ornithocephalus bryostachys*.
brysiana: belonging to Brys. Listed for noted grower M.Arnould Brys of Antwerp, Belgium, first to flower it. ex Mexico, cf. *Myrmecophila brysiana* (Lem.) G.C.Kenn.1979.
bucaramangae: of Bucaramanga city, capital of Santander Department, Colombia. cf. *Pleurothallis bucaramangae* Luer & R.Escobar 1996.
bucararicense: this is listed as such, but is possibly an error (and should be *bucarasicense*: from Bucarasica), see *bucarasicae*. cf. *Epidendrum bucararicense* Kraenzl.1920.
bucarasicae: of Bucarasica, a village of Norte de Santander Department, Colombia. cf. *Pachyphyllum bucarasicae* Kraenzl.1923.
buccinator: a trumpeter; one who has, or blows a trumpet (+ ref. *buccinatus*: trumpet-like). Some authors allude to the labellum lobes as "cheeks", so it could be: one who has prominent cheeks (? , see *buccosum*), as would be the case for "one who blows a trumpet". cf. *Mormodes buccinator*.
buccinifera: ref. *buccina*: a trumpet + bearing. cf. *Calanthe buccinifera*. syn. *C. alpina*.
buccosa: see *buccosum*. cf. *Uncifera buccosa*. syn. *Robiquetia succisa*.
buccosum: freely trans.: with full, or well developed cheeks (facial). Possibly, ref. the lateral lobes of the labellum. cf. *Saccolabium buccosum*. syn. *Robiquetia succisa*.
bucculenta: ref. *bucculentus*: lit., with full cheeks. + Of interest, see *buccinator*, *buccosum*. cf. *Masdevallia bucculenta*.
Bucculina: Lindley 1836: ref. *bucca* + dimin. + like: like little cheeks. Listed as an allusion to the petals. syn. *Holothrix* Rich.ex Lindl.
bucephala: ref. *bu*- which can be: large; huge, etc. But, more likely, ref. *bous*: ox + *kephale*: head, as it has to be a fanciful allusion to the labellum: ox + head, for the lateral horn-like projections. cf. *Ophrys bucephala*. syn. *O. umbilicata* ssp.*attica*.
bucephalus: see *bucephala*: large + head, or ox + head (?). cf. *Stanhopea bucephalus*. syn. *Stanhopea oculata*.
buchananiana: listed for botanist, John Buchanan [+ belonging to] (1855-1896), of Edinburgh, Scotland. Descs. accr. to him are abbr. to: J.Buch. ex west and central trop. Africa, cf. *Platycoryne buchananiana* (Kraenzl.) Rolfe 1898.
buchananii: see *buchananiana*. ex Zimbabwe to Sth.Africa, cf. *Cymbidium buchananii* Rchb.f. syn. *Eulophia foliosa*.

buchenauianum: belonging to Buchenau. For botanist and author, Franz Georg Philipp Buchenau (1831-1906). ex west Africa, cf. *Bulbophyllum buchenauianum* (Kraenzl.) De Wild.1921. syn. *B. calyptratum*.

buchenaviana: Lat'd spelling; belonging to Buchenau, see *buchenauianum*. ex Africa, cf. *Disa buchenaviana* Kraenzl.

buchenavianum: as *buchenaviana*. ex westn. trop. Africa, cf. *Megaclinium buchenavianum* Kraenzl.1905. syn. *Bulbophyllum calyptratum*.

bucholziana: as *buchholzianum*. cf. *Listrostachys bucholziana* (Kraenzl.) T.Durand & Schinz.,1895. syn. *Cyrtorchis ringens*.

buchholzianum: for botanist and author, Fedor Vladimirovic Buchholz [+ belonging to] (1872-1924). ex trop. Africa, cf. *Angraecum buchholzianum* Kraenzl.1886. syn. *Cyrtorchis ringens*.

Buchtienia: Schltr.1929. Listed as ex Bolivia for orig.coll., Otto Buchtien (+ of). eg. *Buchtienia boliviensis* Schltr.1929.

buchtienianum: belonging to Buchtien, see *Buchtienia*. ex Bolivia, cf. *Xylobium buchtienianum* Kraenzl.1908.

buchtienii: as *Buchtienia*. ex Bolivia, cf. *Oncidium buchtienii* Schltr.1924.

buckler: for cross reference, as there are a few mentions to them (and I wasn't certain what it was): a small, round shield with an umbo. + See umbo, boss.

bucranon: see *bucephala*, has basically the same expl. With -*cranon*, ref. *kranos*: head. cf. *Pleurothallis bucranon* Luer & Hirtz 1988.

buddleiflora: see *buddleiflorum*. ex Borneo, cf. *Schoenorchis buddleiflora* (Schltr.& J.J.Sm.) J.J.Sm.1912.

buddleiflorum: "Buddle's flower", or the flowers are alluded to resemble those of *Buddleia* (?). ref. *Buddleia*, a genus of trop. flowering shrubs having showy clusters of flowers, ranging from white to purple. Named in honour of Eng. botanist, Adam Buddle (?-1715) + *florum*. cf. *Saccolabium buddleiflorum*. syn. *Schoenorchis buddleiflora*.

bueae: for place name: of Buea city, westn. Cameroon, Africa. cf. *Diaphananthe bueae* (Schltr.) Schltr.1918.

buenaventurae: for place name: of Buenaventura, a major coastal town of sthn. Colombia. cf. *Epidendrum buenaventurae* F.Lehm.& Kraenzl.1899. syn. *E. nocturnum*.

buenavistae: for place name (+ of), listed as ex Bolivia (ex the Alto Plano [: High Plains] region?). cf. *Epidendrum buenavistae* Kraenzl.1908.

Buesiella: C.Schweinf.1952, ex Peru. Listed for C.Bues + respectful suffix. syn. *Cyrtochilum*.

bufo: ref. *bufo*, *bufonis*: toad. Has a warty appearance, or for the shape of a flower (?). cf. *Bulbophyllum falcatum* var.*bufo*.

bufonia: see *bufo* (+ of). ex Brazil, cf. *Gongora bufonia*.

bufonis: see *bufo*. cf. *Draconanthes bufonis*.

buftonianum: listed for orig.coll., the Rev.J.Bufton (+ belonging to) c1893. cf. *Prasophyllum buftonianum* J.H.Willis 1953. Noted as endemic to Tas., Aust.

bugabense: from Bugaba (village), Chiriquí Prov., Panama. cf. *Epidendrum bugabense* Hágsater 1993.

bugacensis: from Bugac city, Bács-Kiskun county, Hungary. cf. *Epipactis bugacensis* Robatsch 1990.

bugarachensis: from Bugarach, a town of Aude, Languedoc-Roussillon, France. cf. *Orchis x bugarachensis* J.Claess.& J.M.Lewin.

bukidnonense: for place name (+ origin; from, etc.). Only listed as ex the Philipp., one ref. says it's for Bukidnon Prov., Mindanao. Another ref. is to the Bukidnon, an ethnic group of people of the highlands of Mindanao. A third, says it's of Luzon Island (?). cf. *Dendrobium bukidnonense* Ames & Quisumb.1936.

bukidnonensis: as *bukidnonense*. cf. *Ceraia bukidnonensis* (Ames & Quisumb.) M.A.Clem.2003. syn. *Dendrobium bukidnonense*.

bulangense: listed for place name: from Bulang (village), central Guizhou Prov., China. cf. *Dendrobium chryseum* var. *bulangense* G.X.Ma & G.J.Xu. syn. *D. chryseum*.

bulb: ref. *bulbus*, *bulbos*. Mostly refs. to other flora, usually a globular, underground bud, made up of modified, fleshy, succulent, overlapping leaf scales and having basal roots. They are the primary source for food and nutrients and produce all other organs and parts of the plant. A good example is an onion. Most major refs. state orchids do not have true bulbs, but do have bulb-like organs, often alluded to as "bulbs" (simply for the shape). See pseudobulb, bulbils, stolon, tuberoid, tuber, corm, rootstock.

bulbils: a general term, mostly plural unless being individually discussed, as there are always many more than one. They are an alternative, vegetative method of propagation where the plant produces minute bulb-like growths on the edge of leaf margins, and/or on the rhizome, and each is capable of becoming a new plant. eg. *Malaxis paludosa* (or, *Hammarbya paludosa*?), has the ability to produce bulbils.

bulbinella: freely trans.: like a small bulb. cf. *Platystele bulbinella*. syn. *P. compacta*.

bulbinoides: bulb + like + resembling. cf. *Eulophia bulbinoides*. syn. *E. milnei*.

bulbocalcarata: bulb + see calcarate: spurred. Has a small lump instead of a regular spur. cf. *Microcoelia bulbocalcarata*.

bulbocodioides: *bulbo*+ *codi*+*-oides*: bulb + bell + resembling. cf. *Pleione bulbocodioides*.

Bulbophreatia: bulb + see *Phreatia*, because they have pseudobulbs.= *Phreatia* section.

Bulbophyllaceae: *Bulbophyllum* + suffix: denotes it's a family.

Bulbophyllaria: S.Moore 1877; Rchb.f.1852, both these authors gave it the same name. Ref. *Bulbophyllum* + suffix: relative to, etc. syn. *Bulbophyllum* Thouars.

Bulbophylleae: *Bulbophyllum* + suffix, denotes it's a tribe.

bulbophylli: did a lot of reading, as to why this has "i" as the ending. It is dictated by the grammar and is simply: bulb + leaf (+ of). cf. *Ceratostylis bulbophylli*.

Bulbophyllinae: *Bulbophyllum* + suffix, denotes it's a subtribe.

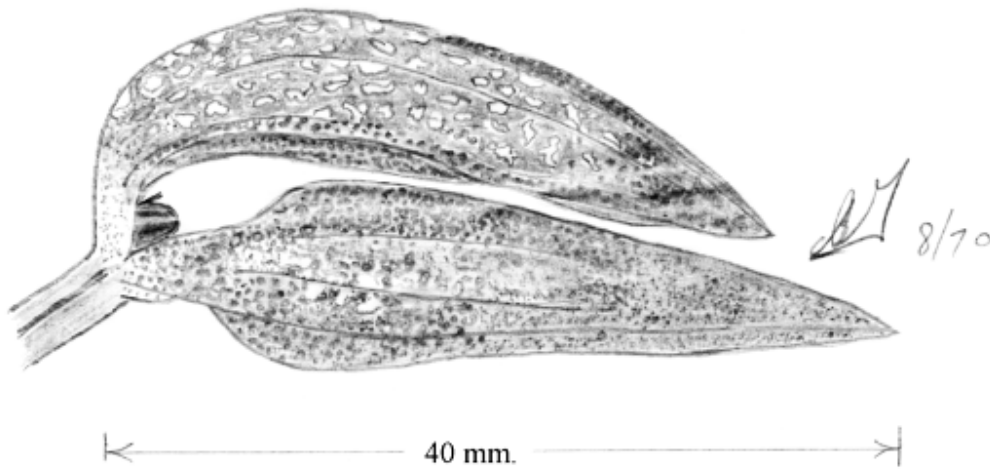
bulbophylloides: *Bulbophyllum* + resembling. Easily mistaken for a *Bulbophyllum*. cf. *Dendrobium bulbophylloides*.

Bulbophyllopsis: Rchb.1852. *Bulbophyllum* + appearance. syn. *Bulbophyllum* Thouars.

bulbophyllopsis: *Bulbophyllum* + appearance. cf. *Masdevallia bulbophyllopsis*.

Bulbophyllum: Thouars 1822, nom.cons.: bulb + leaf. A very large genus found in many countries, with their area of dissemination being listed as New Guinea. I found many species quite common ex PM.PNG., but sadly most are treated as botanicals. Throughout the text I have included some of my old sketches and notes, and here, use the example of *Bulbophyllum plumula* Schltr. (See "P"). Of interest, the RBG., Kew, Eng. currently lists over 50 other genera that are all synonymous to *Bulbophyllum* and also noted, the genus has over 1,800 (known) species. I'm certain there would be still many more, overlooked, or yet to be found, in remote and inaccessible regions.

Bulbophyllum arfakianum Kraenzl.



Monanthous and common, Sogeri Plateau area, PM.PNG.
Drew this much larger than life, as I couldn't seem to get it right in natural size. Did you ever try to draw spots?, I'm hopeless, but it's not a bad likeness and all of my sketches were for education, not an art gallery (that's my excuse!).
The single flower ranges from approx. 20mm.(3/4") to c65mm.(2 1/2") long and the first impression, of colour, you get is of a matt maroon, then the underlying colour is a liverish, sick-looking green. The flower lasting about a week.
Read an excellent description and discussion, accompanied by beautiful line-drawings and everything was perfect (ref. P.O'Byrne 1994). So, this has to be *B. arfakianum*.
At last, after nearly 35yrs., I finally know its "correct name".

bulbosa: see bulb + see -osa. Freely trans.: with full, or well developed bulbs. Noted, they are large compared to some others. cf. *Spathoglottis bulbosa*.

bulbose: ref. *bulbos*: bulb, + see bulbous. Of, having, or likened to a bulb.

bulbosum: ref. *bulbosus*, see bulbous. cf. *Cypripedium bulbosum*. syn. *Calypso bulbosa*.

bulbous: ref. *bulbosus*. Of, or relative to a bulb. Any organ or part having the appearance, shape, or form of a bulb. Rounded; spherical; orbicular, etc.

bulgarica: belonging to Bulgaria. cf. x *Pseudorhiza bulgarica* (D.Lindig) O.Gerbaud & W.Schmid 1999.

bullata: see bullate. cf. *Ophrys bullata*. syn. *O. scolopax*.

bullate: descwd., ref. *bull*: bubble. + Ref. *bullatus*: bubbled; inflated; blistered; pursed, etc.

bulleniana: listed for Mr.Bullen (+ belonging to), a head gardener to nurserymen, Low & Co. of Clapton, Eng. ex Borneo, etc., cf. *Cordula bulleniana* (Rchb.f.) Rolfe 1912. syn. *Paphiopedilum bullenianum* (Rchb.f.) Pfitzer.

bullenianum: as *bulleniana*. ex the Philipp., cf. *Dendrobium bullenianum* Rchb.f.1862.

bullenii: as *bulleniana*. cf. *Anoectochilus bullenii* H.Low & C.Morren 1862.

bulleyi: see *Bulleyia*. ex Yunnan, China, cf. *Peristylus bulleyi* (Rolfe) K.Y.Lang 1987.

Bulleyia: Schltr.1912: listed for A.K.B.Bulley (+ of). Author and authority, esp. on the flora of China. Noted as monotypic ex Yunnan Prov., China. eg. *Bulleyia yunnanensis*.

bulliferum: *bulli*:- bubbles (see bullate) + see -fer: bearing. Ref. tips of sepals. cf. *Bulbophyllum bulliferum*.

bullpenense: is English + Latin, for place name: from Bull Pen, listed as ex Costa Rica. Have only one ref. to a village, of this name and it's in Jamaica (?). cf. *Stellilabium bullpenense* J.T.Atwood 1989.

buluense: listed for place name: from Bulu village area, s.east of Minjem River, PNG. cf. *Dendrobium buluense* Schltr.1912. syn. *D. mirbelianum*. Pers.coll. ex PM.PNG., see sketch and notes at "M".

bulusanensis: for place name: from Mt.Bulusan area, sthn. tip of Luzon, Philipp. cf. *Malaxis bulusanensis* Ames 1923.

bunda, -*bundum*, -*bundus*: used in compwds., denotes an action that is happening, or has happened. + Can imply: an emphasis; an abundance; full of; plenty, etc., eg. *floribunda*.

bungeana: belonging to Bunge, see *bungii*. ex China, cf. *Listera bungeana* Y.Yabe 1915.

bungii: listed for botanist and author, Alexander Andrejewitsch (or, Aleksandrovic Andreevic?) von Bunge (1803-1890). ex Iran, cf. *Orchis bungii* Hautz.

bungoana: Bungo + belonging to. Can only find a ref. to the Bungo Strait (Bungo-suido), between Shikoku and Kyushu islands, Japan. This species is listed to be from this area (among many others). cf. *Calanthe bungoana* Ohwi 1936.

Bunochilus: D.L.Jones & M.A.Clem.2002: ref. *bounos*: mound; hill; knob + lip. syn. *Pterostylis* R.Br.

buntingii: listed for orig.coll., George S.Bunting (+ of). ex Liberia, Africa. cf. *Bulbophyllum buntingii* Rendle 1913. syn. *B. oxychilum*.

bunuanense: for place name (+ from) listed as ex Mt.Candoon, Mindanao, Philipp. Also noted a town, Bunawan (aka., **Bunauan**) of eastn. central Mindanao (?). cf. *Dendrobium bunuanense* Ames 1925.

bupleurifolia: is listed as such, ref. *bu-*: large; huge, etc. Also, *bu-*, can ref. to *bous*: (an) ox + see *pleur-*: rib (or, ribs) or, of the side, etc.+ leaf (or, leaves). This seems unnecessarily complicated and I wonder if it may be an error and should be *bipleurifolia* (?). ex Brazil, cf. *Pleurothallis bupleurifolia* (*bipleurifolia* ?) Porsch 1905.

burbidgeana: as *burbidgei*. ex Costa Rica to Panama, cf. *Masdevallia burbidgeana* Rolfe 1893. syn. *Dracula erythrochaete*.

burbidgei: listed for phytologist, Frederick William Thomas Burbidge [+ of] (1847-1905). Noted he collected from the Mt.Kinabulu area, Borneo, with Peter Veitch for the famous Eng. company of Veitch & Sons, 1877. Later was Curator of the Trinity College Bot. Garden, Dublin, Ireland. Descs. accr. to him are abbr. to: Burb. ex Borneo, cf. *Malaxis burbidgei* (Rchb.f. ex Ridl.) Kuntze 1891.

burchellii: listed for botanist, naturalist and author, William John Burchell [+ of] (1781-1863). ex sthn. Africa, cf. *Holothrix burchellii* (Lindl.) Rchb.f.1881.

bureaviana: Lat'd. for: belonging to Bureau. Ref. botanist and author, Louis Edouard Bureau (1830-1918). ex New Caledonia, cf. *Pterostylis bureaviana* Schltr.1906.

burfordiense: from Burford. Have two refs. to towns in England: one in Shropshire, the other of Oxfordshire. The specep. was given for where it was flowered in cultivation, as many others, eg. see *bictoniense*, *dellense*, *kewense*, etc. cf. *Bulbophyllum burfordiense* Hook.f.1901. syn. *B. grandiflorum*. Pers.coll., see sketch and notes at "G".

burfordiensis: as *burfordiense*. ex Colombia to Ecuador, cf. *Masdevallia burfordiensis* O'Brien 1900. syn. *M. angulata*.

burgeri: listed for botanist Heinrich Burger (1806-1858). ex Brazil, cf. *Epidendrum burgeri* Schltr.1925.

burkartii: of Burkart. For botanist and author, Arturo Erhado Burkart (1906-1975). ex Argentina, cf. *Brachystele burkartii* M.N.Correa 1953.

burkartiana: as *burkartii* (+ belonging to). ex Brazil to Argentina, cf. *Habenaria burkartiana* Hoehne 1937.

burkei: listed for orig .coll.(c1881), David Burke (+ of), a mercenary for Veitch & Sons, famous Eng. nurserymen. ex Guyana, cf. *Galeottia burkei* (Rchb.f) Dressler & Christenson 1989.

burkillii: listed for botanist and author, Isaac Henry Burkill [+ of] (1870-1965). ex Myanmar, cf. *Bulbophyllum burkillii* Gage 1906.

Burlingtonia: Lindley 1837. Listed for Her Ladyship, Blanche Georgina, Countess of Burlington (+ of). syn. *Rodriguezia Ruiz & Pav.*

burmanica: Lat'd. spelling for place name: belonging to Burma (now, Myanmar). cf. *Calanthe burmanica* Rolfe 1907.

burmanicus: as *burmanica*. cf. *Anoectochilus burmanicus* Rolfe 1922. Was listed as such, but there isn't an official listing. See *burmannicus*.

burmanniana: ex Sth. Africa, Linnaeus described it (1760), as *Orchis burmanniana* for his pupil and orig.coll., Johannes Burmann (1706-1779). syn. *Bartholina burmanniana* (L.) Ker Gawl. 1818.

burmannicus: see *burmanica*. ex Myanmar, cf. *Anoectochilus burmannicus* Rolfe 1922.

Burnettia: Lindley 1840. Listed for phytologist, Gilbert Thomas Burnett of King's College, London, Eng. A dwarf terrestrial, noted as monotypic and endemic to s.east Aust. eg. *Burnettia cuneata*.

burnettii: see *Burnettia*. cf. *Lyperanthus burnettii* F.Muell. 1865. syn. *Burnettia cuneata*.

Burnsbaloghia: Szlach. 1991. Listed for phytologist and author, Pamela Burns-Balogh (+ of). Descs. accr. to her are abbr. to: Burns-Bal. ex Mexico, eg. *Burnsbaloghia diaphana*. syn. *Deiregyne diaphana*.

burolletiana: for botanist and author, Pierre Andre Burollet [+ belonging to] (b1889). ex Morocco, cf. *Orchis* x *burolletiana* Maire 1934. syn. *Anacamptis* x *gennarii*.

bursicle: ref. *bursa*: purse + dimin.: small purse. + ref. *bursicula* (sing.), *bursiculae* (pl.). A modification of the rostellum to form a purse-like flap. The pollinia has a sticky disc* which is kept moist in the bursicle. *See retinacle, viscidium.

bursaria: purse-like. cf. *Pelexia bursaria*. syn. *Erythroides plantaginea*.

bursarium: purse-like. cf. *Pseudocentrum bursarium*.

bursicola: ref. *bursa*: purse; pouch + resident; dweller. Often as not, with many species. the flower's column could be likened to some small creature "living" within the folds of the lateral lobes, floral segments, etc., that form a purse, or pouch-like structure. Or, could be for a bursicle and the pollinarium is the "dweller" (?), although the "correct name" suggests it's the former (see *Cephalanthera*). cf. *Calanthe bursicola*. syn. *Cephalanthera obcordata*.

bursiferum: purse; pouch + bearing. cf. *Tylostigma filiforme* var. *bursiferum*. Noted as endemic to Madagascar.

bursigera: ref. *bursa*: purse; pouch + see -ger: bearing. cf. *Callista bursigera*. syn. *Dendrobium secundum*.

bursigerum: as *bursigera*. cf. *Dendrobium bursigerum*. syn. *D. secundum*.

burttii: of Burt. Listed for orig.coll., botanist and author, Brian Lawrence Burt (b1913). ex Lake Kivu, Zaire, Africa, cf. *Bulbophyllum burtii* Summerh. 1953.

buruense: from Buru Island, of the Maluku group, Indon. cf. *Cleisostoma buruense* (J.J.Sm.) Garay 1972.

buruensis: as *buruense*. cf. *Adenoncos buruensis* J.J.Sm. 1928.

burundiensis: from the Republic of Burundi, eastn. Africa. cf. *Eulophia* x *burundiensis* Arbonn. & Geerinck 1994.

busseana: listed for place name (Busse, or Boussé ? + belonging to). Noted as ex Matengo Hills, sthn. Tanzania, Africa. cf. *Habenaria busseana* Kraenzl. 1902.

bustyla: bu- has many connotations to being large; huge, etc. Can also ref. to *bous*: a cow, or ox + see style: column, etc. cf. *Lepanthes bustyla*.

busuangense: for place name: from Busuanga Island, Calamian Group, Philipp. cf. *Dendrobium busuangense* Ames 1920.

butantanensis: for place name (+ from), only listed as ex São Paulo: my only ref. is to Butantã (a district ?), and/or ref. the Butanta Institute, a research centre, mostly specializing in herpetology (the study of snakes) of São Paulo city, São Paulo state, Brazil. cf. *Habenaria butantanensis* Hoehne & Schltr.1921.

butcheri: for Henry P.Butcher (+ of), an authoritative collector of Volcán, Chiriquí, Panama. Also noted, his dedication to the furthering of Panamanian orchids. cf. *Pleurothallis butcheri* L.O.Williams 1961.

buxifolia: ref. *buxus*: of a box tree (ref. *Buxaceae*: the box family) + *-folia*: leaf. Obviously, the author saw some likeness. cf. *Appendicula buxifolia*.

buxifolium: as *buxifolia*. cf. *Podochilus buxifolium*. syn. *Appendicula buxifolia*.

buysonii: an error for *buyssonii* (?), see *buyssoniana*. ex Madagascar, cf. *Aerangis buysonii* God.-Leb.1891. syn. *A. ellisii* var.*ellisii*.

buyssoniana: belonging to Buysson. Listed for Belgian botanist Mon. le Compte de (du?) Buysson. (+ See *dubuyssonii*). Descs. accr. to him are abbr. to: Buyss. ex Vietnam and Thailand, cf. *Phalaenopsis buyssoniana* Rchb.f.1888.

buyssonii: see *buyssoniana*. ex Madagascar, cf. *Angraecum buyssonii* God.-Leb.1891. syn. *Aerangis ellisii* (Rchb.f.) Schltr.1914.

byrnesii: listed for orig.coll., Norman B.Byrnes (+ of). cf. *Arthrochilus byrnesii* Blaxell 1972. Noted as endemic to NT., Aust.

byronensis: from Byron Bay, nth. coast NSW., Aust. cf. *Diuris byronensis* D.L.Jones 2003. Noted as endemic.

c (c.): abbreviation for *circa*: around; about, etc. + See *circa*. (Note: some authors use: ca.)

caaguazuensis: from Caaguazú. There is a city and a National Park, of Caaguazú Department, Paraguay. cf. *Habenaria caaguazuensis* Cogn.1907. syn. *H. parviflora*.

cabadbarensis: for place name: from Cabadbaran, a town of Butuan Bay, nthn. Mindanao, Philipp. cf. *Dendrobium cabadbarensis* Ames 1915.

cabagrae: for place name: of Cabagra (village), Puntarenas Prov., Costa Rica. cf. *Oncidium cabagrae* Schltr. 1911. syn. *O. dichromaticum*.

caballensis: for place name (+ from), only listed as ex Venezuela. cf. *Pleurothallis caballensis* Rchb.f. 1850.

caballeroi: for phytologist and author, Arturo Caballero (1877-1950). ex Spain, cf. *Orchis x caballeroi* Rivas Goday.

cabellensis: listed for place name: from Cabello, a coastal city of Carabobo state, Venezuela. cf. *Pleurothallis cabellensis* Rchb.f.1849.

cabrutae: for place name: of Cabruta, a town on the Rio Orinoco, Guárico, Venezuela. cf. *Catasetum cabrutae* Schnee 1953.

cacaoensis: from Cacao. Only listed as ex Costa Rica and noted six villages, from four different states, with this name. cf. *Maxillaria cacaoensis* J.T.Atwood 1999.

cacatua: a cockatoo (bird), listed as an allusion to a flower. Of interest, cockatoo in Malay: *kakatua*. cf. *Dendrobium cacatua*. syn. *D. tetragonum*. + See notes at *tetragonum*.

caccabaria: ref. *kakkabos*: cooking pot + see *-are*: like, etc. cf. *Orchis x caccabaria* Verg.

cachabensis: for place name (+ from), listed as ex Imbabura Prov., Ecuador. cf. *Pleurothallis cachabensis* Luer & Hirtz 1988.

cachacoensis: for place name (+ from), only listed as ex Ecuador. cf. *Dichaea cachacoensis* Dodson 1993.

cachensis: for place name: from Cachí (village), Cartago Prov., Costa Rica. cf. *Pleurothallis cachensis* Ames 1923.

cachimboense: from Cachimbo, a (very isolated) town, or may be for the nearby Serra do Cachimbo (mnts.), Pará, Brazil. cf. *Cyrtopodium cachimboense* L.C.Menezes 1996.

cacodes: ref. *kakos*: harmful; bad, etc.+ resembling (: looked poisonous?). Noted, some species have sick-looking colouring (eg., see *hepatica*) and with some, the flowers, or the plants are likened to the deadly nightshade family (eg., see *datura*), perhaps this is a similar reasoning (?). ex Colombia, cf. *Masdevallia cacodes*.

cactantha: see cactus + flower. Has spiky flowers, or was likened to some cactus flower (?). cf. *Pleurothallis cactantha*.

cactoura: see cactus + ref. *oura*: spiky tail. Ref. the central labellum appendage. cf. *Lepanthes cactoura*.

cactus: listed as borrowed ex Gk. *kaktos*: a spiky, prickly plant, orig. considered to be for a kind of artichoke. Have had to ref. to cacti (pl.) a few times, cf. *Cactaceae*: the cactus family. Containing well over 1,000 species., they are extremely variable plants, many with exquisitely beautiful flowers and perfumes. Because of their storage ability and with evolution over the aeons, they have grown their spikes to prevent them from being eaten. + See succulents, xerophyte.

cacuminis: ref. *cacumen*: the extreme end; the top; peak; summit; point. Probably for the leaves and raceme which come from the very top of the pseudobulb. ex Vietnam, cf. *Epigeneium cacuminis*.

Cadetia: Gaudich.1829. Listed for investigator of medicinal plants, chemist and author, Charles Louis Cadet de Gassicourt. eg. *Cadetia potamophila*. Pers.coll., common ex PM.PNG. and yet, never near a river, see *potamophila*.

cadetia: see *Cadetia*. Listed to be for the plant appearance: was likened to a *Cadetia*. cf. *Dendrobium cadetia*. syn. *Cadetia biloba*.

cadetiiflorum: see *Cadetia* + flower. Noted the flower was likened to some species of *Cadetia*. cf. *Dendrobium cadetiiflorum*.

cadetioides: see *Cadetia* + resembling (plant, not the flowers). cf. *Bulbophyllum cadetioides*.

caduca: ref. *caducus*: falling, + could be: deciduous. + See *caducous*. cf. *Pholidota caduca* syn.. *P. gibbosa*.

Caduceus: had to put in this bit of trivia. Was trying to explain *Pholidota caduca* and I thought for sure, this would be relative to the column (wrong ... "fools rush in"!)." Ref. Gk.myth., *Caduceus*: herald's staff, the staff of Hermes, messenger to the gods (Roman equiv.: Mercury). Usually depicted as a winged rod with a knob on top, entwined by two snakes. Sometimes used as a logo by the medical profession.

caducous: ref. *caducus*: falling; having a tendency to fall; parts dropping off early. + See *abscise*, *abscission layer*, *deciduous*.

caecilii: noted as phonetic spelling for Cecil Fischer, see *fischeri*. ex Sumatra, cf. *Bulbophyllum caecilii* J.J.Sm.1927.

caecum: ref. *caecus*, lit.: blind. Can also mean: very dark. cf. *Bulbophyllum caecum*.

caei: was defined as: a bluish-grey (colour). Maybe an error (?), see *caesi*.

caelestis: lit., of the sky. + A colour term, noted as very close to *azureus*: sky-blue.

caelicolor: noted as a coined, or combwd., see *caelestis* + see *color*.

Caelogyne: Wallich ex Steudel 1847. Listed as a misspelling for *Coelogyne*. syn. *Coelogyne*.

caenosicallainum: ref. *caenosus*: muddy; dirty + ref. *callainus*: greenish-blue (likened to turquoise). Listed for the flower colour. cf. *Dendrobium caenosicallainum*. syn. *D. vexillarius* var. *retroflexum*. Noted as endemic to Papua, Indon.

caerulea: see *caeruleus*. Ref. the flower colour. cf. *Cyanicula caerulea*. Noted as endemic to sthn. Aust.

caeruleolineatum: see *caeruleus* + lineate. cf. *Bulbophyllum caeruleolineatum*. syn. *B. oxycalyx* var. *rubescens*.

caerulescens: see *caeruleus* + tending to; becoming. ex Mexico, etc., cf. *Odontoglossum caerulescens*. syn. *Rhynchostele rossii*.

caeruleus: a non-specific colour term, mostly: a deeper sky-blue, but can be many shades of blue. Often noted as just "dark blue".

caeruleus: see last entry. Ref. the base of the lip (to me, it looks more purple than blue). cf. *Calochilus caeruleus*.

caesarea: (as) of Caesar, emperor of Rome. Infrs: majestic; imposing; imperial, etc. cf. *Caladenia caesarea*. Noted as endemic to West.Aust.

caesareum: as *caesarea*. cf. *Calonema caesareum*. syn. *Caladenia caesarea*.

caesariata: as *caesariatum*. cf. *Dresslerella caesariata*.

caesariatum: ref. *caesariatus*. This has me intrigued, I thought it would be something to do with a Roman Caesar, but is listed as: long-haired; hairy. From a couple of major refs., one says: bushy-haired, the other: covered with hair, or long haired. There is another word listed, within the same context, ref. *caesaries* and it's simply defined as: hair. Ref. the hairy floral segments. cf. *Bulbophyllum caesariatum*. syn. *B. lindleyanum*.

caesia: see *caesius*. cf. *Thelymitra caesia*. syn. *T. pulchella*.

caesiella: as *caesiellus*. cf. *Ophrys caesiella*. syn. *O. fusca*.

caesiellus: descwd.. Noted as orig. describes the bluish, grey-green colour of a person's eyes.

caesium: see *caesius*. cf. *Oncidium caesium*.

caesius: a colour term: paler bluish-grey. + cf. *Calochilus caesius*.

caespitifica: see caespitose: tufted, etc.+-fica, ref. *facere*: to make. Refs. to the bunched pseudobulbs. cf. *Maxillaria caespitifica*.

caespitificum: as *caespitifica*. cf. *Dendrobium caespitificum*. syn. *D. masarangense* ssp.*theionanthum*.

caespitosa: see caespitose. cf. *Glossorhyncha caespitosa*. Noted as endemic to PNG.

caespitose: growing in tufts; patches; clumped; matted; tangled, or bunched together; forming relatively large mats, or populations. Often used in discussions, ref. to the stems, pseudobulbs, or other organs, or parts closely packed together.

caespitosum: see caespitose. cf. *Bulbophyllum caespitosum*.

caespitosus: descwd., often seen in descriptions, see caespitose.

caetense: see *caetensis* (two entries). cf. *Hormidium caetense* Bicalho 1972. syn. *Prosthechea caetensis*.

caetensis: for place name (+ from), only listed as ex Brazil. Have noted some towns and cities named Caeté, or Caetê (?). cf. *Laelia caetensis* Pabst. syn. *Sophronitis crispata*. + See next entry.

caetensis: this one is definite, listed as: from Caeté city, Minas Gerais state, Brazil. cf. *Prosthechea caetensis* (Bicalho) W.E.Higgins 1998.

caffra: lit., of the Kaffirs: an indigenous people from the vicinity of King William's Town, Eastern Cape, Sth.Africa. Maybe an oblique ref. to where it was first found (?). cf. *Disa caffra* Bolus 1889.

caffrum: as *caffra*. cf. *Mystacidium caffrum* (Bolus) Bolus 1905.

caffrus: as *caffra*. cf. *Schizochilus caffrus* Schltr.1898. syn. *S. zeyheri*.

cagayanense: from Cagayan. Only listed as ex the Philippines, have noted a few places: ref. Cagayan de Oro, city at the mouth of the Cagayan River, Mindanao. Rio Grande de Cagayan, flows through the Cagayan Valley and Cagayan Prov. of Luzon. Also ref. the Cagayan Islands (inc. Cagayan Sulu, island), Sulu Sea, west of Negros. cf. *Dendrochilum cagayanense* Ames 1911. syn. *D. latifolium* var.*macranthum*.

caicensis: from Caicos island(s). Ref. the Turk & Caicos Islands (British protectorate), s.east of the Bahamas. cf. *Encyclia caicensis* Saulea & R.M.Adams 1978.

cailliauana: among other locations, this is listed as ex France. Could ref. to Le Cailleau (+-ana: belonging to), a coastal town of Charente-Maritime, Poitou-Charentes, s.west France. cf. *Ophrys* x *cailliauana* P.Delforge.

cairnsiana: for Adam Cairns (orig.coll.?) + belonging to. cf. *Caladenia cairnsiana* F.Muell.1870. Noted as endemic to West.Aust.

cairnsianum: as *cairnsiana*. cf. *Calonema cairnsianum*. (F.Muell.) D.L.Jones & M.A.Clem.2001. syn. *Caladenia cairnsiana*.

cairnsianus: see *cairnsiana*. cf. *Phlebochilus cairnsianus* (F.Muell.) Szlach.2001. syn. *Caladenia cairnsiana*.

cajamarcae: of Cajamarca, for the city, or the Department (admin. division) of nthn. Peru. cf. *Phragmipedium cajamarcae* Schltr.1921. syn. *P. boissierianum*.

cala: lit., a piece of wood. Or, could be just a contraction of *Caladenia*, which would then make it ref. *kalos*: beautiful (?). Listed as a natcross, of. *Caladenia falcata* x *C. longicauda*. cf. *Caladenia* x *cala* Hopper & A.P.Br.2001. Endemic to West.Aust.

calabaricum: belonging to Calabar, a coastal city of s.east Nigeria. cf. *Bulbophyllum calabaricum* Rolfe 1906. syn. *Genyorchis pumila*.

calabrica: belonging to Calabria. May be for the region (: the "toe", of the so-called "boot" of Italy) which includes a few provinces, or ref. Reggio di Calabria (province), s.west Italy. cf. *Ophrys* x *calabrica* H.Baumann & Künkele.

calacaliense: from Calacalí (village), near Quito city, Pichincha Province, Ecuador. cf. *Epidendrum calacaliense* Hágsater & Dodson 2001.

Caladenia: R.Br.1810: beautiful + glands. Ref. the labellum. A large genus of terrestrials, the majority being of Aust. eg. *Caladenia aestiva*. Noted as endemic to s.east. Aust.

Caladenia: see last entry.= *Caladenia* section.

Caladeniastrum: (Szlach.) Szlach.2003: *Caladenia* + see -aster: a kind of, or lesser kind, etc. syn. *Caladenia* R.Br.

Caladeniinae: see *Caladenia* + suffix, denotes it's a subtribe.

calagrense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum calagrense* Hágsater & Dodson 2001.

calamaria: looks familiar, but is not for calamari. Ref. *kalamos*: a reed (+ can be as a writing pen) + see -are: like, etc. cf. *Prosthechea calamaria*.

calamarioides: reed + like + resembling. cf. *Bulbophyllum calamarioides*. syn. *B. erectum*.

calamarium: as *calamaria*. cf. *Bulbophyllum calamarium*.

calamifolia: ref. *kalamos*: reed + leaf. cf. *Eria calamifolia*. syn. *E. pannea*.

calamiforme: reed + shape. cf. *Dendrobium calamiforme*. syn. *D. teretifolium* var.*fasciculatum*. Noted as endemic to Aust.

calamiformis: reed + shape. cf. *Dockrillia calamiformis*. syn. *Dendrobium teretifolium* var.*fasciculatum*.

calantha: beautiful + flower. cf. *Aerangis calantha*.

Calanthe: R.Br.1821: ref. *kalos*: beautiful + flower. eg. *Calanthe engleriana*. Pers.coll., ex PM.PNG., see notes at *engleriana*.

Calanthe: see last entry.= *Calanthe* section.

Calanthidium: Pfitzer 1888: *Calanthe* + dimin.: (like) a small *Calanthe*. Or, could be: beautiful + flower + small (?). syn. *Calanthe* R.Br.

calanthoides: beautiful + flower + resembling. But, noted it was compared to *Eulophia calantha* (+ resembling). ex sthn. Africa, cf. *Eulophia calanthoides*. + See next entry.

calanthoides: *Calanthe* + resembling. Refs. to the plant appearance. cf. *Cephalantheropsis calanthoides*.

calanthum: beautiful + flower. cf. *Epidendrum calanthum*.

x *Calassodia*: M.A.Clem.1989. Listed as a cross, with the name taken from the parents:

Caladenia* x *Glossodia. eg. x *Calassodia tutelata*. Noted as endemic to s.east Aust.

calcarata: see calcarate. cf. *Bifrenaria calcarata*.

calcarate: ref. *calcaratus*: spurred; having, or like a spur. Usually a hollow* slender tapering structure likened to a spur. Any organ can have an appendage like a spur but, mostly it refs. to an extension of the labellum and often contains nectar. + See spur. * Note, many species can have a solid spur, so being hollow is not a criteria.

calcaratum: see calcarate. cf. *Dendrobium calcaratum*. syn. *D. lobbii*.

calcaratus: see calcarate. cf. *Anoectochilus calcaratus*. syn. *Pristiglottis uniflora*.

calcare: could be to do with limestone (see calcareous), and/or a spur (*calcar*) + of; like. cf. *Malaxis calcarea*.

calcareous: ref. *calx*, *calcis*: lime + suffix: relative to; of. Growing in, or on calcareous soil.

calcareum: see *calcare*. cf. *Crepidium calcareum*. syn. *Malaxis calcarea*.

calcareus: of, or like lime; limestone. + See *calcare*. cf. *Anoectochilus calcareus*.

calcarhamata: spur + see hamate: hooked; barbed. cf. *Plectrophora calcarhamata*.

calcaria: spur + of; having, etc. cf. *Liparis calcaria*.

calcarifer: spur + bearing. cf. *Eurycaulis calcarifer*. syn. *Dendrobium calcariferum*.

Calcarifera: spur + bearing.= *Dendrobium* section.

calcariferum: spur + bearing. cf. *Dendrobium calcariferum*.

calcaripotens: spur + ref. *potens*: strong; powerful, etc. cf. *Cynorkis calcaripotens*.

calcarium: as *calcaria*. Has a large spur. cf. *Dendrobium brevicaule* ssp. *calcarium*.

Calcearia: Blume 1825: ref. *calceus*: a shoe; slipper, etc.+ suffix, see -are: of; relative to. An allusion to the flower shape. syn. *Corybas*.

Calcearia: see last entry.= *Corybas* section.

calceata: ref. *calceus*: shoe; slipper, etc. + suffix: like; having. Ref. the labellum. cf. *Pholidota calceata*. syn. *Pholidota pallida*.

calceatum: as *calceata*. cf. *Satyrium calceatum*. syn. *S. buchenaviana*.

calceiformis: shoe + shaped. Ref. the structure formed by the column, column appendages and labellum. cf. *Octarrhena calceiformis*. Noted as endemic to Papua, Indon.

calceilabium: ref. *calceus*: a shoe; slipper, etc.+ lip. cf. *Bulbophyllum calceilabium*.

calceola: small shoe. cf. *Aeranthus calceola*. syn. *Angraecum calceolus*.

calceolare: see *calceolaria*: having a small shoe. cf. *Aerides calceolare*. syn. *Ascochilus mindanaensis*.

calceolaria: ref. *calceolus*: small shoe; slipper + of; like; having. A general term for any kinds of plants producing a slipper shaped flower or having a flower with slipper-like parts.

Calceolaria: Heist.ex Fabr.1763, see *calceolaria*. syn. *Cypripedium* L.

calceolaria: like; having a small shoe. cf. *Dendrobium calceolaria*. syn. *D. moschatum*.

calceolaris: see *calceolaria*. cf. *Gastrochilus calceolaris*.

calceolata: as *calceolate*. cf. *Benthamia calceolata*.

calceolate: like, or having a small shoe, or a slipper. See *calceolaria*.

calceolatum: as *calceolate*. cf. *Catasetum calceolatum*. syn. *Clowesia russelliana*.

calceoliforme: small shoe, etc.+ shape; form. cf. *Herminium calceoliforme*. syn. *Smithorchis calceoliformis*.

calceoliformis: as *calceoliforme*. cf. *Smithorchis calceoliformis*.

calceolum: small shoe; slipper, refs. to a flower. cf. *Dendrobium calceolum*.

Calceolus: Mill.1754: small shoe; slipper, etc. Ref. the labellum. syn. *Cypripedium* L.

calceolus: small shoe; slipper. cf. *Pterostylis calceolus*. Noted as endemic to NSW., Aust.

calvicola: ref. *calx* (see *calcareous*) + resident; dweller. Lives in limestone, calcareous soil. cf. *Caladenia calvicola*. Noted as endemic to sthn. Aust.

calcicole: an English adaption, see *calvicola*. A general word for plants which grow exclusively in calcareous soils: a *calcicole*.

calcicolum: as *calvicola*. cf. *Cypripedium calcicolum*.

calcicolus: as *calvicola*. cf. *Corybas calcicolus*.

calcigena: same meaning as *calvicola* (but, with *-gena*: born; kind, etc.). cf. *Caladenia longicauda* ssp. *calcigena*. Noted as endemic to West.Aust.

caldense: for place name: from Caldas, a town of sthn. Minas Gerais, Brazil. cf. *Epidendrum caldense* Barb.Rodr.1881.

caldensis: as *caldense*. cf. *Habenaria caldensis* Kraenzl.1893.

caldera: this entry is for cross-reference and to save much repetition. A caldera is a crater within the top of a volcano, having a rounded, or ovoid area, formed by an eruption. Often, simply called a crater, it doesn't have to be at the top of a mountain and can be on relatively even ground.

calderae: of a caldera, or may be for a place name: of Caldera. Only listed as ex Colombia, noted a few places called Caldera, or La Caldera. Also may ref. to a person, see *rocalderianum* (?). cf. *Pleurothallis calderae* Luer 2001.

caldericola: one major source says ref. *caldaria*: cook-pot; cauldron. But by the spelling, also see caldera (Aust. does have its fair share of calderas) + dweller; resident. cf. *Bulbophyllum caldericola*. Noted as endemic to eastn. Aust.

Caleana: R.Br.1810. Listed for Eng. botanist and naturalist, George Caley [+ belonging to] (1770-1829). Sponsored by Sir Joseph Banks, he arrived (1800) in Sydney, Aust., where he collected widely and amassed a major collection of assorted flora. Returning to Eng., 1811, he was later appointed Superintendent of the St.Vincent Bot.Gardens, West Indies. eg. *Caleana minor*. Noted as ex s.east Aust. and North Island, NZ.

calerae: of Calera. Noted one village in Venezuela and many towns and villages of this name in Mexico. cf. *Pleurothallis calerae* Schltr.1923. syn. *P. immersa*.

Caleya: R.Br.1813, for Mr.Caley, see *Caleana*. Mr.Brown revised this genus back to *Caleana*. eg. *Caleya major*. syn. *Caleana major*.

caleyi: see *Caleana*. cf. *Dendrobium caleyi* A.Cunn.1837. syn. *Bulbophyllum exiguum*. Pers.coll., see *exiguum*. Noted as endemic to eastn. Aust.

calicis: ref. *calicis*: a cup; goblet, etc. ex Mexico, cf. *Habenaria calicis*.

calicopis: ref. *kalos*: beautiful + see *copi-*: a heavy knife, etc. cf. *Dendrobium calicopis*.

caliculimentum: ref. *caliculus*: small cup + chin. An allusion to the mentum. cf. *Dendrobium caliculimentum*.

caliensis: from Cali. May be for the city which is also near the the Cali River, of westn. Colombia. cf. *Pleurothallis caliensis* Schltr.1920. syn. *Restrepiosis tubulosa*.

californicum: for place name: belonging to California, USA.. cf. *Cypripedium californicum* A.Gray 1868.

caligare: ref. *caliga*: a heavy shoe, or boot + see *-are*: of, etc. cf. *Pteroceras caligare*. syn. *P. pallidum*.

caligaria: as *caligare*. cf. *Oerstedella caligaria*.

caligaris: as *caligare*. cf. *Sarcochilus caligaris*. syn. *Pteroceras pallidum*.

caligarium: as *caligare*. cf. *Epidendrum caligarium*. syn. *Oerstedella caligaria*.

caligularis: heavy boot, or shoe + dimin.+ of; like, etc. cf. *Pleurothallis caligularis*. syn. *P. carnosilabia*.

calimae: for place name: of Calima (: Darién Prov.), Valle del Cauca, n.west Colombia. cf. *Lepanthes calimae* P.Ortiz 1998.

Calipogon: Pat.1832: beautiful + beard. syn. *Calopogon*.

Calista: Ritg.1828, see *Callista* (: most beautiful). syn. *Dendrobium* Sw.

callacallaense: for place name (+ from), only listed as ex Peru. Noted two small towns, Callacalla of Pasco Department and Calla-calla, Puno Department. cf. *Odontoglossum callacallaense* D.E.Benn.& Christenson 2001.

callainus: listed as a vague colour term: a greenish-blue, likened to turquoise.

calli-, *callo-*: used in compwds., ref. *kalos*: beautiful. Or, can be a contraction of *kallistos*: most beautiful.+ See *calli*. Now I have a dilemma with combwds., to determine if *calli-* is to do with *calli*, or beauty, eg. see *Callithronum*. + See *calo-*.

calli: small rounded fleshy protuberances, mostly on floral parts. Their main function is as a visual enticement to make the flower more attractive to an insect pollinator, and/or are strategically located to entice, or guide the insect to the anther and stigma areas. Sometimes they can be glanded and emit a perfume, a liquid, or food-like substance and can be many coloured to form patterns, or shapes recognisable to the insects. They are important parts in taxonomy as to the quantity, size, shape, colour, etc. The calli are many and mostly stalked in *Caladenia* and they form a "callus plate" in *Prasophyllum*. One genus famous for its calli is *Paphiopedilum*. + See *callus*.

calliantha: beautiful + flower. ex Peru, cf. *Sobralia calliantha*.

callibotrys: see *calli-*, *calli* + see *botry-*: bunch, etc. cf. *Dendrobium callibotrys*. syn. *D. microglaphys*.

callicentrum: see *calli*, *calli* + see *centr-*: centre, or spur (?). cf. *Stelis callicentrum*. syn. *S. pusilla*.

callichroma: coloured *calli*, or beautiful + colours (?). Should be the latter, as there isn't any ref. to *calli* in either the description, or discussion. cf. *Bulbophyllum callichroma*.

callifera: *calli* + see *-fer*: bearing. cf. *Corysanthes callifera*. syn. *Corybas calliferus*.

calliferum: *calli* + bearing. cf. *Epidendrum calliferum*. syn. *E. cristatum*.

calliferus: *calli* + bearing. cf. *Corybas calliferus*.

calligera: see *calli-*, *calli* + see *-ger*: bearing. cf. *Aerangis calligera*. syn. *A. articulata*.

calligerum: as *calligera*. cf. *Angraecum calligerum*. syn. *Aerangis calligera*.

calliniger: *calli* + black. From the description, the labellum has very dark red, or purplish glandular, clavate *calli*. cf. *Caladenia calliniger*. syn. *C. iridescens*.

calliope: may be just for "beauty", as I don't think it's anything to do with a Calliope (an old flamboyant musical instrument like an organ, steam driven). + In Gk.myth., Calliope was one of nine beautiful sisters (known as the Muses, see "M") and she presided over the art of epic poetry. cf. *Lepanthes calliope* Luer & Hirtz 1996.

callipes: see *calli-*, *calli* + *-pes*: foot. cf. *Bulbophyllum callipes*.

Calliphyllon: Bubani 1901: beautiful + leaf. syn. *Epipactis Zinn*.

Callista: Lour.1790: ref. *kallistos*: most beautiful, + see *callisto*. This name is the one which was dropped in favour of *Dendrobium*. See notes at *Dendrobium*. eg. *Callista amabilis*. syn. *Dendrobium hercoglossum*.

Callista: see last entry.= *Dendrobium* section.

callistachyum: see *calli-*, *calli* + spike. cf. *Campylocentrum callistachyum*.

callistele: see *calli*, *calli*-+ pillar; column. cf. *Trigonidium callistele*. syn. *T. egertonianum*.

callisto: probably is for "beauty", and/or ref. *kallistos*: most beautiful. In Gk.myth., **Callisto** was a very beautiful nymph loved by Zeus and his jealous wife, Hera, turned her into a bear. Callisto (in astronomy) is also the name given to a moon of Jupiter. cf. *Lepanthes callisto* Luer & Hirtz 1987.

callistoglossa: most beautiful + tongue. cf. *Laelia* x *callistoglossa* Rchb.f. 1882 (syn.).

callistum: most beautiful. cf. *Oncidium callistum*. + Of interest, see *callisto*.

Callithronum: Ehrh.1789: see *calli-*, *calli* + ref. *thronos*: seat; chair. Ref. the lip: a beautiful chair, or maybe: a lumpy chair (if it has *calli*?). syn. *Cephalanthera* Rich.

callitrophila: see *callitrophilum*. As this species is a terrestrial (geophyte), maybe it prefers to grow under, or in close proximity to this tree. cf. *Caladenia callitrophila*. Noted as endemic to NSW., Aust.

callitrophilis: as *callitrophilum*. cf. *Tropilis callitrophilis*. syn. *Dendrobium aemulum* var.*callitrophilum*.

callitrophilum: *callitro-*, listed as refs. to a tree: *Callitris macleayana* + *-philum*: loves. Seems to prefer this tree as a host. cf. *Dendrobium aemulum* var.*callitrophilum*.

callobotrys: same as *callibotrys*. cf. *Epidendrum callobotrys*.

callosa: see callose. cf. *Gastrodia callosa*.

callose: calloused; with many calli; having calli, etc., which can also be: parts, or projections likened to calli, eg. a group of papillae. + See callus.

callosilobum: see callose + lobe. cf. *Cleisostoma callosilobum*.

callosilobus: as *callosilobum*. cf. *Sarcanthus callosilobus*. syn. *Cleisostoma callosilobum*.

callosities: listed as an alternative word for calli, esp. in ref. to *Microtis*.

callostachyum: see *calli-*: beautiful, or calli + ref. *stachys*: spike (see spike). Should be for the former. cf. *Campylocentrum callostachyum*.

Callostylis: Blume 1825: see *calli-*, calli + see style: column, etc. eg. *Callostylis rigida*. syn. *Eria discolor*.

callosum: see callose. cf. *Paphiopedilum callosum*,

callosus: lit., with hard skin. + See callose. cf. *Phaius callosus*.

calluniflora: ref. *Calluna*: a genus of heath (family: *Ericaceae*) + flower. A flower was likened to that of *Calluna*. ex Africa, cf. *Polystachya calluniflora*.

callus: sing. of calli. Often can ref. to a relatively large plate-like structure, or ridge on the labellum. Appears as a single unit, but is formed from many calli.

calo-: ref. *kalos*: beautiful. + Used in combwds., mostly the same as *calli-*. But, can also ref. to *kalon*: a lump of wood; billet, etc. (+ see *cala*).

x *Caloarethus*: auct. On the syn. list, cf. *Arethusa* x *Calopogon*.

calobulbon: see *calo-*+ bulb. cf. *Oncidium calobulbon*. syn. *O. planilabre*.

calocaerina: beautiful + blue (see *caeruleus*) + like, or for the colour. cf. *Ophrys calocaerina*. syn. *O. fusca*.

calocalix: beautiful + cup. Refs. to a flower. cf. *Masdevallia calocalix*.

calocephala: beautiful + head. cf. *Flickingeria calocephala*.

caloceras: see *calo-*+ horn. cf. *Trichocentrum caloceras*.

calocheilum: see *calo-*+ lip. cf. *Epidendrum calocheilum*. syn. *Encyclia alata*.

calochila: see *calo-*+ lip. cf. *Tolumnia calochila*. syn. *Oncidium calochilum*.

calochilum: see *calo-*+ lip. cf. *Oncidium calochilum*.

Calochilus: R.Br.1810: beautiful + lip. Common name: “the beardies” and they do have a beautiful bearded lip. eg. *Calochilus gracillimus*. Noted as endemic to eastn. Aust.

calocodon: beautiful + see *codon*: bell. Alluding to a flower. cf. *Masdevallia calocodon*.

calodictyon: beautiful + ref. *dictyon*: net. Ref. the net-like veining. cf. *Lepanthes calodictyon*.

calodryas: beautiful + nymph; fairy, etc. (see *dryad*). cf. *Odontoglossum calodryas*. syn. *Cyrtochilum dipterum*.

caloglossa: beautiful + tongue. cf. *Laelia* x *caloglossa* Rchb.f. syn. + See next entry.

caloglossa: see *calo-*+ tongue. Has a beautiful tongue, or it’s like a lump of wood (? ref. *kalon*). cf. *Polystachya caloglossa*.

Caloglossum: Schltr.1918: beautiful + tongue. eg. *Caloglossum flabellatum*. syn. *Cymbidiella flabellata*.

caloglossum: beautiful + tongue. cf. *Bulbophyllum caloglossum*.

calogramma: beautiful + mark; letter, etc. cf. *Pleurothallis calogramma*.

calographis: see *calo-*+ *graphis*: scribe; writing pen. Alludes to the scribbly markings as “beautiful writing”. cf. *Graphorchis calographis*. syn. *Eulophia pulchra*.

calolalax: see *calo*-+ ref. *lalax*: frog (: a beautiful frog ?). cf. *Pleurothallis calolalax* Luer & R.Escobar 1998.

x *Calomitra*: auct. On the syn. list, cf. *Calochilus* x *Thelymitra*.

Calonema: (Lindley) Szlach.2001: beautiful + threads. The sepals and petals are filiform, hence a local common name: "spider orchid". One of the many hundreds with this same common name. A very good reason to learn "correct names", then people will know what you are talking about. syn. *Caladenia* R.Br.

Calonema: beautiful + threads.= *Caladenia* section.

Calonemorchis: Szlach.2001: beautiful + threads + see *orchis*, orchid. syn. *Caladenia*.

calopeplos: beautiful + ref. *peplos*: garment; robe; dress, etc. Freely trans.: "wearing beautiful clothes", alluding to the flower's colours. cf. *Corybas calopeplos*.

calopetala: see *calo*-+ petals. cf. *Lepanthes calopetala*.

calophylla: beautiful + leaf. cf. *Malaxis calophylla*.

calophyllum: beautiful + leaf. cf. *Bulbophyllum calophyllum*.

calophyllus: beautiful + leaf. cf. *Cyclopogon calophyllus*.

caloplectron: see *calo*-+ see *plecto*:-: spur, etc. cf. *Rodriguezia caloplectron*.

Calopogon: R.Br.1813: beautiful + *pogon*: beard. Ref. the lip. ex sthn. USA., eg. *Calopogon barbatus* (: bearded).

calopogon: beautiful + beard. ex the Philipp., cf. *Vanilla calopogon*.

x *Calopotilla*: Yannetti & J.M.H.Shaw. On the syn. list, cf. *Bletilla* x *Calopogon*.

caloptera: beautiful + see *pter*:-: wing; feather, etc. cf. *Masdevallia caloptera*.

calopterocarpa: see *calo*-+ wing + fruit. cf. *Masdevallia calopterocarpa*. syn. *M. amanda*.

calopterum: beautiful + wing. cf. *Ascoglossum calopterum*. Pers.coll., fairly common ex PM.PNG. See *Ascoglossum*.

calopterus: beautiful + wing. cf. *Lissochilus calopterus*. syn. *Eulophia speciosa*.

Calorchis: Barb.Rodr. 1877: beautiful + orchid. syn. *Ponthieva* R.Br.

calosiphon: beautiful + tube. Refs. to a flower. cf. *Masdevallia calosiphon*.

Calostachyae: beautiful + spike + of.= *Dendrobium* section.

Calostylis: Kuntze 1891: see *calo*-+ see style: column, etc. syn. *Eria*.

calothece: beautiful + *theke*: a case, see *theca*. cf. *Stelis calothece*. syn. *S. pusilla*.

calothyrsos: as *calothyrsus*. cf. *Dendrobium calothyrsos*.

Calothyrsus: as *calothyrsus*. = *Calanthe* section. syn. *Calanthe* section *Calanthe*.

calothyrsus: beautiful + staff. Ref. the inflo., + see *thyrs*-. cf. *Bulbophyllum calothyrsus*. syn. *B. callichroma* (: beautiful colour).

calotricha: beautiful + ref. *trichos*: hair. cf. *Stelis calotricha*.

caloura: beautiful + tail(s?). cf. *Lepanthes caloura*.

Caluera: Dodson & Determann 1983: of C.A.Luer, info. see *Luerella*. ex Surinam, eg. *Caluera surinamensis*.

caluerorum: belonging to C.A.Luer (info., see *Luerella*). ex Panama, cf. *Epidendrum caluerorum* Hágsater 1993.

calura: beautiful + tails. cf. *Masdevallia calura*.

calva: ref. *calvus*: bald. cf. *Holothrix calva*. syn. *H. aphylla*.

calvariola: ref. *calvaria*: skull (head) + dimin. cf. *Pleurothallis calvariola*.

calvescens: *calvus* + suffix: tending to, or becoming bald. cf. *Trichotosia calvescens*.
calvilabris: bald + lip, or see *labrum*: edge, etc. cf. *Habenaria calvilabris*.
calviventer: bald + belly; stomach (+ see ventral). cf. *Bulbophyllum calviventer*.
calvum: ref. *calvus*: bald. cf. *Bulbophyllum calvum*.
calyciformis: ref. *calyx*: a cup + form: cup-shaped. cf. *Caladenia calyciformis*. Noted as endemic to North Isl., NZ.
calycina: ref. *calyx*: a cup + see -*ina*: like, etc. cf. *Malaxis calycina*. syn. *M. carnosa*.
calyculata: having, or like a small cup. cf. *Dichaea calyculata*.
calyculimentum: small cup + chin (? , or see -*mentum*). cf. *Dendrobium calyculimentum*.
calydictyon: maybe a typerror?, see *calodictyon*. Has the same references.
calymma: hood; veil. cf. *Platystele calymma*.
Calymmanthera: Schltr.1913, ref. *calymma*: hood; veil + see anther. ex New Guinea, eg. *Calymmanthera filiformis*.
Calypso: Salisb.1806: may ref. to *kalyptos*: covered; hidden, etc., infers: shy; elusive; hidden. Also ref. Gk.myth., **Kalypso**: a daughter of Atlas, was a beautiful sea-nymph who lived on the island of Ogygia. For 7yrs. she detained Odysseus (aka. Ulysses, king of Ithica, leader in the Trojan wars and hero of Homer's "Odyssey"). Finally he was ordered by the "gods" to leave and even though she was immortal, she died of a broken heart. Thus an inference of the name, is that it's reclusive and very beautiful. eg. *Calypso bulbosa*.
calypso: ref. Gk.myth, Kalypso, see last entry. With this author, is probably just for "beauty". ex Ecuador, cf. *Pleurothallis calypso* Luer 1980.
Calypsodium: Link 1829: (like) a small *Calypso*. syn. *Calypso* Salisb.
Calypsoinae: *Calypso* + suffix, denotes it's a subtribe.
calypsus: see *Calypso*. cf. *Ophrys calypsus*. syn. *O. scolopax*.
calyptostalix: see *calyptra* + stake; pillar (column?). cf. *Oncidium calyptostalix*. syn. *O. tetraskelidion*.
calyptra: descwd., listed as ex *kalyptos*: covered; hidden; concealed; veiled. Often can be for a more or less conical hood; cap-like covering, or a "veil". With other flora, a calyptra is described as a thin hood, or cap-like covering of a fruit, or flower.
calyptrata: see *calyptra* + suffix: like; having. cf. *Masdevallia calyptrata*. syn. *M. corniculata*.
calyptratoides: probably was likened to *Epidendrum calyptratum* (+-*oides*: resembling). cf. *Epidendrum calyptratoides*.
calyptratum: as *calyptrata*. cf. *Dendrobium calyptratum*.
calyptriform: see *calyptra* + form; shape.
Calypstrochilum: Kraenzl.1895: see *calyptra* + lip. ex trop. Africa, eg. *Calypstrochilum christyanum*. (Rchb.f.) Summerh.1936.
calypstrochilum: see *calyptra* + lip. cf. *Epidendrum calypstrochilum*. syn. *E. rupestre*.
Calypstrochilus: see *calyptra* + lip. Ref. apex of cucullate (hood-like) lip, turned inwards.= *Dendrobium* section.
calypotropus: see *calyptra* + foot; footed. cf. *Bulbophyllum calypotropus*.
calyptrosepala: see *calyptra* + sepal(s?). cf. *Pleurothallis calyptrosepala*. syn. *P. segregatifolia*.
calyptrostele: see *calyptra* + see *stele*: pillar (column). cf. *Pleurothallis calyptrostele*.

calyx: orig., ref. *kalyx*: a cup. Adapted into botany as a collective term for the sepals: the whorl of the outer floral segments = the calyx.

camaridioides: ref. *kamara*: vault with arched roof; *camaridi(-on)*: a small arch; vault + resembling. Or, was likened to *Camaridium* (now, a synonym of *Maxillaria*). cf. *Maxillaria camaridioides*.

camaridiorum: small arch; vault + suffix: of. cf. *Dendrobium camaridiorum*.

Camaridium: Lindley 1824: ref. *kamaridion*: small arch; vault. Ref. the column. syn. *Maxillaria* Ruiz & Pav.

camarinana: belonging to Camarina (archeological site), Ragusa Prov., s.east Sicily island, Italy. cf. *Ophrys* x *camarinana* H.Baumann & Künkele.

Camarotis: Lindley 1832: ref. *kamarotis*: arched. Ref. the lip. eg. *Camarotis papuana*. syn. *Micropera fasciculata*. Pers.coll., common ex PM.PNG.

cambiare: Lat.: to exchange, + ref. *cambio*: exchange; barter. Noted this when reading of photosynthesis and it ref. to the pores (see stoma) and their function.

cambodiana: belonging to Cambodia. cf. *Parhabenaria cambodiana* Gagnep.1932.

cambodiensis: from Cambodia. cf. *Eulophia cambodiensis* Guillaumin 1930. syn. *E. macrobulbon*.

cambrensis: Lat'd. spelling for place name: from *Cambria*, once a Roman province, now: Wales, Eng. cf. *Dactylorhiza cambrensis* (R.H.Roberts) Aver.1984.

cambrica: as *cambrensis* (with different suffix: belonging to). cf. *Orchis latifolia* var.*cambrica* Pugsley. syn. *Dactylorhiza incarnata* ssp. *pulchella*.

Camelostalix: Pfitzer 1907: ref. *kamelos*: camel + *stalix*: stake (column). Ref. the column has two humps. Listed as ex Sumatra and the Lesser Sunda Islands, Indon., eg. *Camelostalix reichenbachii* Pfitzer 1907. syn. *Pholidota camelostalix*.

camelostalix: see last entry. cf. *Pholidota camelostalix*.

camera lucida: a device consisting of a prism and lenses used for projecting an image onto paper, which can then easily be traced over to produce a very good sketch of any object. I used to praise authors and artists for their line drawings and wished I could draw like that, until I learned that so many used a camera lucida. I was disappointed, but also jealous, as I didn't have access to one and had to do my drawings the hard way, with lots of swearing and erasing!

Cameridium: Rchb.1849: a small chamber, or see *Camaridium* (?). syn. *Maxillaria*.

cameronense: listed for place name: from the Cameron Highlands, Malaya. cf. *Bulbophyllum cameronense* Garay, Hamer & Siegerist 1996.

camerunensis: from Cameroon, west Africa. cf. *Roeperocharis camerunensis* Slazch.& Olszewski. syn. *Habenaria peristyloides*.

caminiophorum: ref. *caminus*: a forge; furnace; oven + see *-phora*: bearing. Probably for the bright red, yellow and brown of the flower, as an allusion to looking into a small furnace. cf. *Oncidium caminiophorum*.

campanulata: see campanulate. cf. *Thelymitra campanulata*. Noted as endemic to West.Aust.

campanulate: ref. *campanula*: small bell + suffix: like, or having. Bell-like, bell-shaped. Having flowers, organs, or parts likened to a small bell.

campanulatum: see campanulate. cf. *Codonosiphon campanulatum*.

campanulifera: small bell + bearing. cf. *Stelis campanulifera*.

Campanulorchis: Brieger 1981: small bell + orchid (?), see -orchis and campanulate. syn. *Eria* Lindley.

campbellii: listed for botanist, Douglas Houghton Campbell [+ of] (1859-1953). ex Colombia, cf. *Lycaste campbellii* C.Schweinf.1949.

campbelliorum: belonging to Campbell, see *campbellii*. ex Costa Rica, cf. *Stellilabium campbelliorum* J.T.Atwood 1989.

campbellstigma: haven't any info., so can't explain the connection. See *campbellii* + see stigma (?). Listed as ex Costa Rica, cf. *Epidendrum campbellstigma* Hágsater & Garcia-Cruz 1999.

campeadorii: cf. *Epipactis campeadorii* P.Delforge 1995. Haven't read of this one, but would like to speculate. Only listed as ex Spain, if the plant was first found somewhere close to Vivar, near Burgos, Castile, then it may be for a very famous person. Ref. El Cid (noted as ex Spanish-Arabic, *as-sid*: "lord"), aka. El **Campeador**, said to mean "the champion". His real name is listed as Rodrigo (or, Ruy) Díaz de Vivar (c1043-1099). A good one if this is right. It's possible, the specep. may also infer it's a champion (?).

campecheana: for place name, listed as ex s.east Mexico: belonging to Campeche. Can't be exact, as the species is also noted to extend through to nthn. Venezuela and there are many places called Campeche. cf. *Schomburgkia campecheana* Kraenzl.1903. syn. *Myrmecophila tibicinis*.

campestre: ref. *campus*: field + suffix: habitat. Of, or relative to a field (or, can be: a plain). cf. *Prasophyllum campestre*. Noted as endemic to eastn. Aust. (Qld. and NSW.)

campestris: as *campestre*. ex Aust. and NZ., cf. *Calochilus campestris*.

campicola: ref. *campus*: field (or plain) + dweller; resident. cf. *Pleurothallis campicola*. syn. *P. listerophora*.

campo-, *campto-*, *campylo-*: ref. *kampe*, *kampto*, *kampsis*. Used in compwds.: bend; turn; curve.

campodostele: bent + like + column. cf. *Lepanthes campodostele*.

camporum: ref. *campus*: field (or plain) + suffix: of. Noted to be from the savannah country of n.east Argentina. cf. *Brachystele camporum* (Lindley) Schltr.

camposii: as *campos-portoi* (?). ex Mexico, cf. *Epidendrum camposii* Hágsater 1993.

camposnovensis: for place name (+ from). May ref. to Campos Novos city, Minas Gerais state, or Campos Novos (: Campo Novo) city, Rio Grande do Sul state, Brazil. cf. *Spiranthes camposnovensis* Hoehne 1912. syn. *Veyretia neuroptera*.

campos-portoi: for author, phytologist and authoritative collector, Paulo Campos Porto (b1889). With co-author and friend, Dr.Brade (see *bradeorum*) they collected extensively in the American tropics, early to mid 1900s and discovered many new species.. Descs. accr. to them are noted as: Porto & Brade. ex Brazil, cf. *Prosthechea campos-portoi* (Pabst) W.E.Higgins 1998.

campoverdei: for place name (+ of), only listed as ex Peru. Noted two villages, Campo Verde of Tumbes and Campoverde of Ucayali (Departments), Peru. cf. *Scelochilus campoverdei* D.E.Benn.& Christenson 1994. + See next entry.

campoverdei: see last entry, but this one is reasonably definite and is listed as ex Piura Department, Peru. cf. *Telipogon campoverdei* D.E.Benn.& Ric.Fernández 1992.

Campsomeris: *camp-*: bend + *-someris*, ex *soma*: body (: bodied). Was busy with this and then read a bit further, it's not an orchid, it's a wasp, ref. *Campsomeris tasmaniensis* (: from Tasmania), is reported to be the .main pollinator of *Calochilus campestris*. + See pseudo-copulation, mimicry. Thought I'd put this in to show how once you have a grasp of this language, you're not just restricted to translating the names of orchids, it doesn't matter if it's a weed, whale, watermelon, or whatever. eg. Watching the TV., a pterodactyl (: wing + fingers), a kind of flying dinosaur (: ref. *deinos* + *sauros*: terrible lizard), was called *Rhamphorrhynchus*, which means, beaked beak (or, beaked nose). This had me intrigued, then they showed it digging wood-grubs out of a tree using a little beak it had on the end of its beak (aha!). Fascinating stuff.

camptica: bend; curve + belonging to, or for the result of an action (which then makes it: bent, or curved). cf. *Lepanthes camptica*.

camptocentrum: bend + spur. cf. *Dendrobium camptocentrum*. syn. *D. platygastrium*. Pers.coll., see sketch and notes at "P".

camptocentrus: bend + spur. cf. *Eurycaulis camptocentrus*. syn. *Dendrobium platygastrium*.

camptoceras: bend + horn (for the spur). cf. *Calanthe camptoceras*.

camptochilum: bend + lip. cf. *Bulbophyllum camptochilum*.

campylocentroides: bend + spur + resembling. cf. *Epidendrum campylocentroides*. syn. *E. cogniauxianum* Hoehne 1949.

Campylocentron: Benth.1881: bend + spur. syn. *Campylocentrum*.

Campylocentrum: Benth.1881: bend; curve + ref. *kentron*: spur. ex Brazil, eg. *Campylocentrum aciculatum*.

campyloglossa: bend + tongue. cf. *Polystachya campyloglossa*.

campyloglossum: bend + tongue. cf. *Epidendrum campyloglossum*.

campyloplectron: bent + spur. cf. *Angraecum campyloplectron*. syn. *Aerangis biloba*.

campylostalix: bent + stake (: column). cf. *Prosthechea campylostalix*.

campylotyle: see *campto-* + see *tyle*: knob; wart; callus, etc. cf. *Acostaea campylotyle*.

camtschatea: (those) of the Kamchatka (Peninsula), far east Russia. There is also a ref. to a "king crab", see *kamtschatica*. cf. *Neottia camtschatea* (L.) Rchb.f.1851.

camtschatica: belonging to Kamchatka, see *camtschatea*. cf. *Platanthera camtschatica* (Cham.) Soó 1969.

canaanensis: from Canaan (?). cf. *Pseudolaelia canaanensis* (Ruschi) F.Barros 1994. Listed for place name ex Espirito Santo state, Brazil. Canaan is also the biblical name for Palestine. The Canaanites being the people who orig. settled in the region c3,000BC. Searched all my info. on Espirito Santo for some connection, without success. Maybe this is similar to *bictoniense*, *devoniensis*, etc., where it was first flowered by some Palestinian grower (?).

Canacorchis: Guillaumin 1964: ref. the genus, *Canaca* Guillaumin. (syn. *Austrobuxus* Miq., family *Euphorbiaceae*, not orchids) + *-orchis*: orchid. Obviously, Dr. Guillaumin noted something reminiscent to *Canaca*. syn. *Bulbophyllum* Thouars.

canadense: from Canada. cf. *Cypripedium canadense* Michx. 1803. syn. *C. reginae*.

canaliculata: see canaliculate. Of the flower, possibly ref. the grooves between the apical lobes. cf. *Thelymitra canaliculata*. Noted as endemic to West. Aust.

canaliculate: ref. *canalis*: canal; channel + dimin. + suffix: having a (V-shaped) longitudinal groove, or channel, likened to a small canal.

canaliculatum: see canaliculate. Here, refs. to the V-shaped leaves. cf. *Cymbidium canaliculatum*. Noted as endemic to Aust. Pers. coll., has the most incredible root system I've ever seen. A baby plant, only c5cms. (2") high, which I carefully cut out of a fallen tree, had a main root of c45cms. (1'6") long! I thought I stood a good chance of growing this one, as they detest being disturbed. Very common just out of Darwin, NT., they fill the hollows of almost every gum-tree. I once saw a tree of c75cms. (2'6") in diameter, the hardwood shell being only c32mms. (1 1/4") thick, which had been snapped off, mid-trunk, in a storm. The crown of the tree couldn't possibly hold any more plants, there were hundreds of them and their roots had packed the inside of the trunk, completely. It looked very strange and weird, the stump about a metre high with this great mass of monstrous white spaghetti festooning out of it.

canaliculatus: canaliculate. cf. *Microsaccus canaliculatus*.

canaligera: canal + see -ger: bearing. + See canaliculate. cf. *Pleurothallis canaligera*.

canarensis: for place name (: from Kanara?), only listed as ex sthn. India. cf. *Platanthera canarensis* Lindl. ex Rchb. f. 1877. syn. *Habenaria brachyphylla*. + See next entry.

canarensis: from Cañar (province), Ecuador. cf. *Maxillaria canarensis* J.T. Atwood 2003.

canari: canary (bird), for the yellow colour. cf. *Odontoglossum cristatellum* var. *canari*. syn. *O. cristatellum*.

canaria: of a canary (bird) for the yellow colour. cf. *Odontoglossum cristatum* var. *canaria*.

canariensis: for place name: from the Canary Islands, off the coast of Morocco, Africa (Spanish prov.). cf. *Orchis canariensis* Lindley 1835.

canastrensis: for place name (+ from). There are a few with similar names, eg. Canastrão (town), Serra da Canastra (a town and a mtn. range) and Serra da Canastra N. Park, all of Minas Gerais state, Brazil. cf. *Cattleya bicolor* ssp. *canastrensis* L.C. Menezes & Braem 1992.

canbyi: listed for orig. coll., botanist William Harriott Canby (1831-1904). ex Delaware state, USA., cf. *Platanthera* x *canbyi* (Ames) Luer 1972. A reported natcross of *P. blephariglottis* x *P. cristata*.

cancroides: ref. *cancris*: crab + resembling. A fanciful allusion to a flower. cf. *Dendrobium cancroides*. Reported as only ex nth. Qld., Aust., but maybe it has a twin brother, pers. coll., quite common ex PM. PNG.

candelabrum: lit., lampstand; candlestick. May ref. to the inflo., but also could be: bright; shining + lip (ref. *candeo*; *cande*- + see *labrum*). cf. *Epidendrum candelabrum*.

candelariae: of Candelaria (village), Alajuela Prov., sthn. Costa Rica. cf. *Rodriguezia candelariae* Kraenzl.1916.

candida: ref. *candico*: glow; shine; "white". Listed as refs. to the sepals which can be "white", and/or ref. the silvery-white labellum margin. cf. *Ophrys holoserica* ssp.*candida*.

candicans: glowing; shining, etc. cf. *Caladenia uliginosa* ssp. *candicans*. Noted as endemic to West.Aust.

candida: see *candidus*. cf. *Miltonia candida*.

candidiflora: see *candidus* + flower. cf. *Eulophia candidiflora*. syn. *E. cristata*.

candidissima: glossy white + suffix, an emphasis: very, etc. cf. *Thunia candidissima*.

candidissimus: as *candidissima*. cf. *Phaius candidissimus*. syn. *Thunia candidissima*.

candidula: shining white + dimin. cf. *Rhynchoatele candidula*.

candidulum: as *candidula*. cf. *Lemboglossum candidulum*. syn. *Rhynchoatele candidula*.

candidum: see *candidus*. cf. *Prasophyllum candidum*. Noted as endemic to s.east Aust.

candidus: a colour term: shiny, or glossy white. Also can be "white" in general.

candidus: see *candidus*: white. cf. *Peristylis candidus*. syn. *P. maingayi*.

candissimum: glow; shine; "white" + an emphasis: very, etc. cf. *Odontoglossum nebulosum* var. *candissimum*. syn. *Rhynchoatele candidula*.

candolleana: for famous French botanist and author, Augustin Pyramus de Candolle (1778-1841). Descs. accr. to him are abbr. to: DC. ex Brazil, cf. *Habenaria candolleana* Cogn.1893.

candollei: as *candolleana*. ex Mexico, cf. *Encyclia candollei* (Lindley) Schltr.1914.

candoonense: listed for place name: from Mt.Candoon, Mindanao, Philipp. cf. *Dendrobium candoonense* Ames 1922. syn. *Flickingeria candoonensis* (Ames) Seidenf.1980.

candoonensis: as *candoonense*. cf. *Coelogyne candoonensis* Ames 1923.

caniceps: ref. *canis*: dog + small head. cf. *Pleurothallis caniceps*.

canidentis: dog + tooth (toothed; teeth?). cf. *Pleurothallis canidentis*.

caninum: ref. *caninus*: of, or like a dog (+ ref. Eng., canine). Ref. the labellum lateral lobes likened to canines (teeth). cf. *Dendrobium caninum*. syn. *D. crumenatum*. Was in my pers.coll., see sketch and notes.

canlaonense: for place name: from Canlaon (village), or Canlaon Peak (a volcano), nthn. Negros Island, Philipp. cf. *Bulbophyllum canlaonense* Ames 1912.

Cannaeorchis: M.A.Clem.& D.L.Jones 1998. Could be to do with a Canna, beautiful terrestrial, lily-like plants of the family, *Cannaceae* (?). Or, more likely, ref. *kanna*: orig. for a reed-like plant + orchid. syn. *Dendrobium* Sw.

canniformis: ref. *canna*, *kanna*: a reed + shape; form. cf. *Stauroopsis canniformis*. syn. *Arachnis hookeriana*.

canterae: for place name: of Cantera. The genus is listed from Mexico to trop. America and there are quite a few places called Cantera. cf. *Stenorrhynchos canterae* Barb.Rodr.

cantagellense: for place name (+ from), listed as ex Rio de Janeiro state, Brazil. Could ref. to the town of Cantagalo, or Cantagallo (?). cf. *Bulbophyllum cantagellense* (Barb.Rodr.) Cogn.1902.

cantharis: listed as lit., the word for a blister-beetle (one that emits a certain chemical, that can cause blisters to human skin). The specep. may also have been derived from *cantharus*, *kantharos*: a kind of beetle, and/or is also for a wide, deep vessel with handles, like a cauldron (?). cf. *Liparis cantharis*.

cantharophily: technical term for when flowers are pollinated by beetles.

cantleyi: of Cantley. Listed as: "Gunong Batu, Perak, Malayan Peninsular, Cantley" (for the orig.coll.). cf. *Dilochia cantleyi* (Hook.f.) Ridl.1896.

cantonensis: from Canton city (: Guangzhou, aka. Kuang-chou, Kwangchow), capital of Guangdong Prov., China. cf. *Pholidota cantonensis* Rolfe 1896.

cantoniensis: as *cantonensis*. cf. *Tankervillea cantoniensis* Link 1829. syn. *Phaius tankervilleae*.

canus: descwd., listed as the same as *incanus*: hoary; whitish-grey.

caobangense: from Cao Bang city, n.east Vietnam. cf. *Paphiopedilum caobangense* N.T.Tich 1999.

capanemae: of Capanema, listed as ex Rio de Janeiro state, Brazil. Probably, is the same as *Capanemia* (note the author of both), but could also be for a place name (noted quite a few cities and towns, named Capanema in Brazil, but nothing listed for Rio de Janeiro state). cf. *Pleurothallis capanemae* Barb.Rodr.1881.

Capanemia: Barb.Rodr.1877. Listed for Guillemo Scuch de Capanema, a Brazilian naturalist, botanist and author. ex Brazil to Argentina, eg. *Capanemia micromera*.

caparaoensis: from Caparaó city, Minas Gerais state, Brazil. cf. *Maxillaria caparaoensis* Brade 1943.

capellonensis: for place name (? Capellona + from), only listed as ex the Abruzzi region, central Italy. cf. *Epipactis* x *capellonensis* B.& H.Baumann 1988.

capense: listed for place name: from East Cape, Cape Prov., Sth. Africa. cf. *Mystacidium capense* (L.f.) Schltr.1914.

capensis: from sthn. Cape Prov., South Africa. cf. *Disperis capensis* (L.) Sw.1800.

caperatus: descwd., seen in descriptions: wrinkled.

capillare: as *capillaris*. cf. *Brachionidium capillare*.

capillaris: see *capilli*-+ see *-are*: of, or relative to hair. cf. *Stelis capillaris*.

capillata: like, or having fine hairs (note the "correct name"). cf. *Caladenia capillata*. syn. *Caladenia filamentosa* var. *tentaculata*. Noted as endemic to sthn. Aust.

capilli:- used in compwds., ref. *capillus*: hair; like very fine hair. + Can infer: slender; fine, etc.

capillifera: see *capilli*-+ bearing. cf. *Pleurothallis capillifera*. syn. *P. schweinfurthii*.

capilligerum: see *capilli*-+ see *-ger*: bearing. cf. *Bulbophyllum capilligerum*.

capillipes: see *capilli*-+ *-pes*: foot. Ref. the scape being hair-like; slender. cf. *Bulbophyllum capillipes*.

capistratum: ref. *capistratus*: haltered. cf. *Trichocentrum capistratum*.

capitana: ref. *capitaneus*: large; of the biggest size, and/or ref. Spanish *capitán*: captain; chief + of. May also be for a place name: of Capitán Augusto Rivadeneira (village), Napo Prov., Ecuador (?). cf. *Lepanthes capitana* Rchb.f.1855.

capitata: see capitata. cf. *Thelasis capitata*.

Capitatae: see capitata, ref. the “head” of flowers.= *Glomera* section.

capitate: ref. *capitatus*: head-like; having a head. A densely bunched group, likened to a head. + Any part(s) that could be likened to a head (or knob-like). eg. “Stalked capitate hairs”: the ref. was to the lip having little hairs with knobs on them, likened to heads.

capitate inflorescence: a common term for a raceme which has a relatively long peduncle and the flowers are densely clustered at the end and likened to a head. NB., this is not a capitulum, see later entry.

capitatellus: see capitata + dimin. cf. *Elleanthus capitatellus*.

capitatum: see capitata. cf. *Bulbophyllum capitatum*.

capitatus: see capitata. cf. *Elleanthus capitatus*.

capitellata: ref. *capitellum*: small head + suffix: having, or like a small head. cf. *Eria capitellata*. syn. *Trichotosia annulata*.

capitellatoides: see *capitellata* + suffix: resembling. Or could be, it was compared to *Dendrobium capitellatum* (?). cf. *Dendrobium capitellatoides*.

capitellatum: as *capitellata*. Listed as the inflo. was likened to a capitulum. cf. *Dendrobium capitellatum*. syn. *D. kentrophyllum*.

capitisyork: almost self explanatory: for Cape York, nth. Qld., Aust. cf. *Dendrobium capitisyork* M.A.Clem.& D.L.Jones. syn. *D. tetragonum* var. *giganteum*. Pers.coll. (?), not common, ex PM.PNG., see *tetragonum*.

capitonis: refs. to a beautifully coloured bird, commonly: barbet (of Asia, Africa and Sth. America) of the family, *Capitonidae*. ex Colombia, cf. *Pleurothallis capitonis*.

capituliflorum: see capitulum + flowers. cf. *Dendrobium capituliflorum*. Pers.coll., very common ex PM.PNG.

capitulum: a type of inflorescence, most often with sessile flowers, compacted into a dense cluster on an (almost) non-existent peduncle. Has a very short axis, so many flowers can often look like being just one (like a “double”). NB. This is not a capitate inflorescence, see previous entry.

capra: lit., she-goat. Ref. the petals, likened to horns. cf. *Dendrobium capra*.

capricorne: goat’s horns. Ref. the terete, curved leaves. cf. *Cleisostoma capricorne*.

capricornicum: listed for the Tropic of Capricorn + belonging to. cf. *Dendrobium speciosum* var. *capricornicum* Clemesha 1982. Noted as endemic to Qld., Aust.

capricornicus: as *capricornicum*. cf. *Thelychiton capricornicus* (Clemesha) M.A.Clem.& D.L.Jones. syn. *Dendrobium speciosum* var. *capricornicum*.

capricornis: goat + horned. Ref. the curved, terete leaves. cf. *Ascochilus capricornis*. syn. *Cleisostoma capricorne*.

capricornu: goat + horn. cf. *Epidendrum capricornu*.

Caprimulginae: see *caprimulgus* + suffix: like, etc.: *Lepanthes* subgenus *Marsiphanthes* section *Caprimulginae*.

caprimulgus: listed as ref. *Caprimulgus*: a genus of nighthawks, of the nightjar family: *Caprimulgidae*. An allusion to the flower appearance. cf. *Lepanthes caprimulgus*. Luer 1976. Trivium, *caprimulgus*: ref. *capra* lit., she-goat (*capri*-) +-*mulgus*, ref. *mulgere*: to milk. The common name for these birds is "Goatsucker", because of an old belief they lived by sucking milk from goats. They actually eat insects and small creatures, but were often seen around goat herds after sunset. Again, isn't this language wonderful! You're not just restricted to translating names of orchids.

caprina: ref. *caprinus*: of goats. cf. *Pleurothallis caprina*.

caprinum: as *caprina*. Ref. hairy base of labellum.+ Noted, like *Himantoglossum hircinum*, it also has an unpleasant goat-like odour. cf. *Himantoglossum caprinum*.

capsule: ref. *capsula*: a little box; case. Often called the fruit and sometimes: pod, or seed-pod..With orchids: the capsule is the swollen ovary, containing the seeds after fertilisation. Can be important in taxonomy, as to the shape, size, colour, surface condition, dimensions, etc.

capulatum: ref. *capulus*: handle; haft (of a knife, or small sword) + suffix: like; having. cf. *Dendrobium capulatum*.

capuroniana: belonging to Capuron, see *capuronii*. ex Madagascar, cf. *Eulophiella capuroniana* Bosser & Morat 1972.

capuronii: listed for botanist and author, René Capuron [+ of] (1921-1971). ex s.east Madagascar, cf. *Bulbophyllum capuronii* Bosser 1971.

caput: descwd.: head. Can also mean: cape (as a coastline feature); main; top; head (as, source of a river); mountain peak.

caputgnomonis: head + gnome. Listed as an allusion to a flower shape (?). cf. *Bulbophyllum caputgnomonis*. + Of interest, see *gnomonifera*.

caput-serpentis: head + serpent. cf. *Orthoceras caput-serpentis*. syn. *O. novae-zealandiae*. Noted as endemic to NZ.

caquetae: of Caquetá. May be for the Caquetá Department, sthn. Colombia, or ref. the Caquetá River (from s.west Colombia, becomes the Japurá and then joins the Amazon). cf. *Chondrorhyncha caquetae* Fowlie 1968. syn. *C. rosea*.

caquetana: belonging to Caquetá, see *caquetae*. cf. *Dichaea caquetana* Schltr.1924.

caquetanum: as *caquetana*. cf. *Epidendrum caquetanum* Schltr.1924.

carabiaiana: can't justify this, but it could be a sort of Lat'd., phonetic spelling for the islands of the Caribbean region + belonging to. The example I give is listed as being from Cuba. cf. *Basiphyllaea carabiaiana* (L.O.Williams) Sosa & M.A.Diaz 2001.

caracasana: belonging to Caracas, capital city of Venezuela. cf. *Polystachya caracasana* Rchb.f.1854. syn. *P. foliosa*.

caracasenum: as *caracasana*. cf. *Epidendrum caracasenum* Regel 1859. syn. *E. heterodoxum*.

caramulensis: for place name, listed to be: from Sierra de Caramulo. Noted as ex Spain, but my only ref. is to Caramulo, a town in neighbouring Viseu, Portugal (?). cf. *Dactylorhiza maculata* ssp.*caramulensis* Verm.1970.

caranjensis: for place name (+ from), only listed as ex sthn. India. cf. *Habenaria caranjensis* Dalzell 1850.

carautae: for place name (+ of), listed as ex Minas Gerais state, Brazil. Can only find the one entry for Carauta (village) and it's ex n.west Colombia (?). cf. *Cleistes carautae* Toscano & Léoni 1997.

carazoi: could be for a person's name (+ of), but also ref. Carazo Department (admin. division), Nicaragua (?). cf. *Sobralia carazoi* Lank.& Ames 1924.

carbo: coal; charcoal. + Used in combwds. as a colour term: blackish; dark grey.

carbohydrates: with orchids: essential sugars, starches and other substances that are stored and used as a major part of their diet. Manufactured by photosynthesis in the chloroplasts and distributed by the phloem. See these separate entries.

carcharodonta: ref. *karcharos*: sharp-pointed + tooth (teeth?). cf. *Stelis carcharodonta*.

carchiense: from Carchi Prov., Ecuador. cf. *Epidendrum carchiense* Hágsater & Dodson 1993.

carchiensis: as *carchiense*. cf. *Stanhopea carchiensis* Dodson 1998.

carcinopsis: ref. *karkinos*:-a crab + suffix: appearance. cf. *Dracula carcinopsis*.

cardenasii: listed for botanist and author, Hermosa Martin Cárdenas (1899-1973). ex Bolivia, cf. *Pachyphyllum cardenasii* L.B.Sm.& S.K.Harris 1936.

carderi: listed for orig.coll., A.Carder who collected in the trop. Americas for many years, for his company: Shuttleworth & Carder, horticultural nurserymen of Clapham, Eng. cf. *Masdevallia carderi* Rchb.f.1883. syn. *Dracula inaequalis*.

carderiopsis: see *carderi* + appearance. May have been compared to *Masdevallia carderi* (?). cf. *Masdevallia carderiopsis*. syn. *Dracula houtteana*.

cardiantha: ref. *kardia*: heart + flower. cf. *Pleurothallis cardiantha*. syn. *P. bivalvis*.

cardina: ref. *kardia*: heart + like + see *cardinalis* (?). It's also possibly for a place name, listed as ex Álava Prov., nthn. Spain. cf. *Epipactis cardina* Benito & C.E.Hermos.1998.

cardinale: see *cardinalis*. cf. *Arpophyllum cardinale*. syn. *A. spicatum*.

cardinalis: a vague colour term, mostly taken as: a bright dark red. (+ Many refs. say: dressed like a Cardinal.)

cardinalis: see *cardinalis*. cf. *Disa cardinalis*.

cardiobulbum: heart + bulb. cf. *Bulbophyllum cardiobulbum*.

cardiocheila: heart + lip. cf. *Lepanthes cardiocheila*.

cardiochila: heart + lip. cf. *Caladenia cardiochila*. Noted as endemic to sthn. Aust.

Cardiochilos: P.J.Cribb 1977: heart + lip. eg. *Cardiochilos williamsonii*. Noted as monotypic, ex Tanzania to Malawi, Africa.

cardiochilum: heart + lip. cf. *Oncidium cardiochilum*. syn. *O. ochmatochilum*.

cardiochilus: heart + lip. cf. *Phlebochilus cardiochilus*. syn. *Caladenia cardiochila*. Noted as endemic to sthn. Aust.

Cardiochilus: heart + lip.= *Angraecopsis* section.

cardiocrepsis: heart + ref. *krepis*: boot; sandal; base. cf. *Pleurothallis cardiocrepsis*.

cardioglossa: heart + tongue. cf. *Calanthe cardioglossa*.

cardioglossum: heart + tongue. cf. *Epidendrum cardioglossum*.

cardiopetala: heart + petals. cf. *Disperis cardiopetala*.
cardiophora: heart + see -phora:-bearing, cf. *Disperis cardiophora*.
cardiophorum: as *cardiophora*. Ref. the labellum. cf. *Taeniophyllum cardiophorum*.
cardiophylax: heart + guard; sentry. cf. *Pleurothallis cardiophylax*.
cardiophylla: heart + leaf. cf. *Pleurothallis cardiophylla*.
Cardiophyllum: Ehrh.1789: heart + leaf. syn. *Listera* R.Br.
cardiophyllum: heart + leaf. cf. *Bulbophyllum cardiophyllum*.
cardiostigma: heart + see stigma. cf. *Pterostylis cardiostigma*. Noted as endemic to NZ.
cardiostola: heart + *stola*: long robe. I thought -*stola* might be to do with a stolon, but by the description, there's nothing remarkable about the roots and it does have a long heart-like shaped leaf which could be alluded to be its "clothing", ie. its "robe". cf. *Pleurothallis cardiostola*.
cardiothallis: heart + see *thallis*: branch; shoot; bud, etc. cf. *Pleurothallis cardiothallis*.
cardium: heart + suffix: characteristic of. Probably for the leaf. cf. *Pleurothallis cardium*.
 syn. *P. bivalvis*.
cardonae: for place name (+ of), listed as ex Venezuela. Ref. **Cardón** Solo (village), Falcón state. cf. *Bollea cardonae* Schnee 1953. syn. *Bollea hemixantha*.
carducciana: belonging to Castagneto **Carducci**, a minor city of Livorno, Tuscany, westn. Italy. cf. *Platanthera carducciana* Goiran 1883 (syn.).
carduchorum: an oblique ref. to where it comes from. Ref. Carduques + of, belonging to. The Carduques: an ancient people who lived in the s.east Anatolia region of Turkey, on the Tigris River. cf. *Ophrys carduchorum* (Renz & Taubenheim) P.Delforge 1990. syn. *O. holoserica* ssp. *bornmuelleri*.
Careyana: see *careyanum*. = *Bulbophyllum* section.
careyanum: for orig.coll., botanist and authority, William Carey [+ belonging to] (1761-1834), ex Serampore, Nepal c1820. cf. *Bulbophyllum careyanum* (Hook.) Spreng. 1826.
careyophyllum: most likely a typ.error, see *caryophyllum*. All refs. are the same.
Carex: did a separate entry to avoid much repetition. *Carex*: a genus of *Cyperaceae*: a large family of grass-like plants found in swampy areas. One of which is the sedge, which authors often use in comparison. Lat'd. to *caric*-, *carici*- and used in combwds.. eg. *caricifolia*: sedge-like leaf.
caribense: may be an oblique ref. to where it was found. Ref. the Carib people (+-ense: origin; from, etc.), for whom the Caribbean region was named. Listed as ex the island of Hispaniola, cf. *Oncidium caribense* Moir 1973. syn. *O. haitiense*.
caribensis: as *caribense*. cf. *Tolumnia caribensis* (Moir) Braem 1986. syn. *Oncidium haitiense*.
carica: listed as Lat'd. spelling for place name: belonging to *Caria*: an ancient region of s.west Turkey (of interest, see *halicarnassia*). cf. *Serapias carica* H.Baumann & Künkele 1986. syn. *Serapias orientalis*.
caricalensis: for place name (+ from), only listed as ex Colombia. cf. *Scaphyglottis caricalensis* (Kraenzl.) Correll 1941.
caricetum: sedge (see *Carex*) + of; like; belonging to, etc. cf. *Prasophyllum caricetum* D.L.Jones 2000. Noted as endemic to NSW., Aust.

caricifolia: sedge (see *Carex*) + leaf. cf. *Liparis caricifolia*.
caricifolium: as *caricifolia*. cf. *Angraecum caricifolium*.
caricifolius: as *caricifolia*. cf. *Lissochilus caricifolius*. syn. *Eulophia caricifolia*.
cariciform: see *Carex*: sedge + shape; form. Having some organ(s), or part(s), alluded to resemble a sedge. Or, most unlikely, could ref. to *carica*: a kind of dried fig + shape; form (but, all my refs. say it's the former, with definitely no ref. to the latter).
caricinum: see *Carex* + see -*ina*: like, etc. The description says the stems are *junciformis*: rush (: sedge) + shaped. cf. *Phragmipedium caricinum*.
caricoides: see *Carex*, *carica* + resembling (?). cf. *Malaxis caricoides*.
carinata: see carinate: keeled. Ref. callus on the lip. cf. *Diuris carinata*. Noted as endemic to West.Aust.
Carinatae: see carinate.= *Coelogyne* section.
carinate: ref. *carinatus*: keeled; having, or like a keel. Having a surface projection likened to the keel of a boat. + Can ref. to the main central rib of an organ, or part, when projecting slightly above the surface. Or a line of papillae, calli, hairs, etc.
carinatifolia: keeled + leaf. cf. *Malaxis carinatifolia*.
carinatifolium: keeled + leaf. cf. *Dendrobium carinatifolium*.
carinatifolius: keeled + leaf. cf. *Sarcochilus carinatifolius*. syn. *Thrixspermum carinatifolium*.
carinatisepala: keeled + sepal. cf. *Liparis carinatisepala*.
carinatisepalum: keeled + sepal. cf. *Bulbophyllum verruciferum* var. *carinatisepalum*.
carinatum: see carinate. cf. *Dendrochilum carinatum*.
carinatus: see carinate. cf. *Corybas carinatus*.
carinifer: ref. *carina*: keel + see -*fer*: bearing. ex Ecuador, cf. *Trichoceros carinifer*.
carinifera: keel + bearing. Ref. the sepals. cf. *Appendicula carinifera*. syn. *A. gjellerupii*.
cariniferum: keel + bearing. cf. *Dendrobium cariniferum*.
cariniflorum: keel + flower. Ref. the lateral sepals. cf. *Bulbophyllum cariniflorum*.
carinilabia: keel + lip. cf. *Pleurothallis carinilabia*.
carinilabium: keel + lip. cf. *Bulbophyllum carinilabium*.
carinulata: small keel + like; having. cf. *Maxillaria carinulata*.
carinulatidiscum: ref. *carina* + dimin.: small keel + like; having + see disc. (: Has a small keel on the labellum disc?). cf. *Diplocaulobium carinulatidiscum*.
carinulifer: ref. *carina* + dimin.: small keel + bearing. cf. *Corybas carinulifer*.
carinulifera: as *carinulifer*. cf. *Corysanthes carinulifera*. syn. *Corybas carinulifer*.
cariocana: for place name (+ belonging to), listed as ex Rio de Janeiro state, Brazil. cf. *Octomeria cariocana* Pabst 1953.
carioi: listed for orig.coll. H.Cario, ex Guatemala. The type is noted as: (from) "the Department of Suchitepequez. Aug. 1866, Bernoulli* & Cario" (*see *bernoullianum*). cf. *Pleurothallis carioi* Schltr.1918. syn. *P. angustifolia*.
caritensis: for place name (+ from), only listed as ex Puerto Rico. cf. *Lepanthes caritensis* Tremblay & Ackerman 1993.
carlueri: refs. to the author of this genus, of Carlyle A.Luer, info. see *Luerella*. ex Costa Rica, cf. *Dracula carlueri* Hermans & P.J.Cribb 1997.

carmelense: from Carmela. Is only listed as ex Ecuador and it could be any of five villages in different provinces. cf. *Epidendrum carmelense* Hágsater & Dodson 1993.

carmenensis: for place name (Carmen + from?), listed as ex Morona Santiago Prov., Ecuador. cf. *Masdevallia carmenensis* Luer & Malo 1978.

carmesinus: a colour term; carmine. + See *carmineus*.

carmineus: a colour term: carmine; cochineal; scarlet.

carminus: listed as another spelling for *carmineus*.

carnarvonense: listed for place name, may be: from Carnarvon N.Park, Carnarvon Gorge, or Carnarvon Range (?), of sthn. Qld., Aust. cf. *Dendrobium kingianum* ssp.*carnarvonense* Peter B.Adams 1995.

carnarvonensis: as *carnarvonense*. cf. *Thelychiton carnarvonensis* (Peter B.Adams) M.A.Clem.& D.L.Jones 2002. syn. *Dendrobium kingianum* ssp.*carnarvonense*.

carnea: see *carneus*: flesh colour, ref. the flowers. cf. *Thelymitra carnea*. Noted as endemic to eastn. Aust.

carneolus: a vague colour term, ex *carneus* + dimin.: a paler pink; slightly paler than *carneus*.

carneolutea: flesh colour + ref. *luteus*: a yellow. cf. *Thelymitra media* var. *carneolutea*. Noted as endemic to Vic., Aust.

carneum: see *carneus*. cf. *Satyrium carneum*.

carneus: of flesh. Also a vague colour term: flesh colour; pinkish. cf. *Petalochilus carneus*. syn. *Caladenia carnea*.

carnevalii: listed for phytologist and author, Germán Carnevali (+ of). ex Ecuador, cf. *Elleanthus carnevalii* Dodson 1997. syn. *Elleanthus roseus*.

carnevaliana: as *carnevalii* (+ belonging to). ex Venezuela, cf. *Galeandra carnevaliana* G.A.Romero & Warford 1995.

carnicarinum: ref. *carnis*: flesh + ref. *carina*: keel (: fleshy keel, or flesh coloured keel?). cf. *Dendrobium carnicarinum*.

carnicolor: flesh + colour. cf. *Eria carnicolor*.

carniferum: flesh + see *-fer*: bearing. cf. *Odontoglossum carniferum*.

carno-: ref. *carnis*: flesh; pulp + see *carneus*. Used in combwds. Often taken as: fleshy (: thick), but can also ref. to the colour of flesh, mostly as shades of pink.

carnosa: see *carnose*. Ref. the fleshy (thick) plant. cf. *Oberonia carnosa*. Noted as endemic to nth. Qld., Aust.

carnose: ref. *carnosus*: fleshy; thick. Also can be succulent: relatively thick and juicy, having a soft inner and firm outer; pulpy.

carnosiflora: see *carno-*, *carnose* + flower. cf. *Notylia carnosiflora*.

carnosiflorum: see *carno-*, *carnose* + flower. cf. *Taeniophyllum carnosiflorum*.

carnosiflorus: see *carnose*: fleshy + flower. cf. *Isochilus carnosiflorus*.

carnosilabia: see *carno-*, *carnose* + lip. cf. *Pleurothallis carnosilabia*.

carnosilabium: see *carno-*, *carnose* + lip. cf. *Bulbophyllum carnosilabium*.

carnosilabre: see *carno-*, *carnose* + lip, or see *labrum*. cf. *Herminium carnosilabre*.

carnosisepalum: see *carno-*, *carnose* + sepal. cf. *Bulbophyllum carnosisepalum*.

carnosissima: see *carno-*, carnose + an emphasis: very, etc. cf. *Eria carnosissima*.

carnosula: see carnose + dimin.: slightly fleshly. cf. *Malaxis carnosula*. syn. *M. ophrydis*.

carnosulilabrum: see *carnosula* + lip, or see *labrum*. cf. *Dendrochilum carnosulilabrum*.

carnosum: see carnose, *carno-*: thick; fleshy (see the “correct name”), or for a shade of pink (?). cf. *Dendrobium carnosum*. syn. *D. pachyphyllum* (: thick + leaf).

carnosus: see carnose. cf. *Gastrochilus carnosus*.

carolii: listed for orig.coll., Friederich Carol (+ of). ex Mexico, cf. *Epidendrum carolii* Schltr.1923.

carolinense: from the Caroline Islands. Listed as ex Pohnpei Island. cf. *Dendrobium carolinense* Schltr.1921.

carolinensis: as *carolinense*. Listed as ex Pohnpei Island, cf. *Glomera carolinensis* L.O.Williams 1939.

caroliniana: belonging to Carolina, USA. This species is listed to be from both North and South Carolina states (and many others). cf. *Ophrys caroliniana* Raeusch.1797. syn. *Liparis liliifolia*.

carolinianum: belonging to Carolina, a town on the Rio Tocantins, Maranhão, Brazil. cf. *Catasetum carolinianum* F.E.L.Miranda & K.G.Lacerda 1992.

carpa, -*carpum*, -*carpus*: used in compwds., ref. *karpos*: fruit. Of, or relative to the fruit (+ see capsule).

Carparomorchis: M.A.Clem.& D.L.Jones 2002. I haven’t read about this one, but the name appears to be from *karpos*: fruit + aroma + orchid, ie. the flowers have a fruity perfume (?). Years ago, one I found smelled like a rather overripe orange. syn. *Bulbophyllum Thouars*.

carpatica: listed as Lat’d. spelling: belonging to the Carpathian Mtns. (noted, the Roman name was *Carpathus Mons*), of central and eastn. Europe. cf. *Dactylorhiza traunsteineri* ssp.*carpatica* Batousek & Kreutz 1999.

carpel: a division of a compound ovary. eg. An ovary having three carpels (: tricarpellate; trilocular). With other flora, a carpel is a modified leaf forming a part of the pistil, containing ovules.

carpinensis: for place name (+ from), only listed as ex Italy. Noted two towns, Carpino, Foggia Prov. and Carpini, Perugia Prov. cf. *Ophrys x carpinensis* O.& E.Danesch 1970.

carpintera: listed for place name (+ of). The species is noted to be from Mexico to Argentina and there are quite a few places called Carpintería. cf. *Malaxis carpintera* Schltr.1918. syn. *M. excavata*.

carpology: ref. *karpos*: fruit + *logos*: discourse. A special branch of Botany: the study of seeds and fruit.

carpophorum: fruit + bearing. cf. *Epidendrum carpophorum*. syn. *E. tridens*.

carquierannensis: from Carquieranne (: Carqueiranne), a minor coastal city of Var, Provence-Alpes-Côte d’Azur, s.east France. cf. *Ophrys x carquierannensis* E.G.Camus 1908.

carraoensis: for place name (+ from), only listed as ex Venezuela. cf. *Koellensteinia carraoensis* Dunst.& Garay 1976.

carrenoi: may be for a person's name and is only listed as ex Venezuela. Also noted, it could ref. to Carreño (village) of Trujillo state (?). cf. *Pleurothallis carrenoi* Carnevali & I.Ramirez 1987.

carrierei: listed for botanist and author, Elie Abel Carriere (1818-1896). ex Venezuela, cf. *Cattleya carrierei* Houillet 1876. syn. *C. mossiae*.

carrianum: belonging to Carr, see *carrii*. ex Borneo, cf. *Bulbophyllum carrianum* J.J.Verm.2000.

carrii: listed for orig.coll., Cedric Errol Carr [+ of] (1892-1936). A NZ. botanist, author and authority on orchids of the SE.Asia region. + He also collected in the Owen Stanley Mtns., PNG. 1935-'36 and sadly died there of "fever". This example, ex Pahang, Malaya, cf. *Malaxis carrii* Seidenf.& J.J.Wood 1992. + See next entry.

carrii: listed for orig.coll., botanist T.Carr (+ of). cf. *Dendrobium carrii* Rupp & C.T.White 1937. Noted as endemic to nth. Qld., Aust. + See next entry.

carrii: ex Peru, cf. *Cynoches carrii* Christenson 1999. Noted, he named it for a colleague and co-author, phytologist and author, G.F.Carr (+ of).

carronii: of William Carron (1823-1876), born, Norfolk, Eng. Was botanist on the ill-fated Kennedy expedition, exploring nth.Qld., Aust. 1848. Of the 12 men on the trek, Mr.Carron was one of the three who survived. Not an orchid specialist, he later spent almost 10yrs. as a field agent for the Sydney Botanic Gardens (now, RBG.). cf. *Dendrobium carronii* Lavarack & P.J.Cribb 1983.

carsei: listed for orig.coll., Harry Carse (1857-1930). Botanist, author and authority, esp. on NZ. flora. cf. *Corybas carsei* (Cheesem.) Hatch 1945. syn. *C. matthewsii*. (Cheesem.) Schltr.1923.

carsonii: listed for Alexander Carson (orig.coll.?). ex Central westn. trop. Africa, cf. *Eulophia carsonii* Rolfe 1897.

carstensziense: for place name: from the Carstensz Mtns., central Papua, Indon. cf. *Dendrobium carstensziense* J.J.Sm. syn. *D. cuthbertsonii*.

carterae: listed for orig.coll., T.W.Carter (+ of), ex sthn.Qld., Aust. cf. *Dendrobium undulatum* var. *carterae* Bailey 1911. syn. *D. discolor* var. *broomfieldii*.

Carteretia: A.Rich.1834. Listed for the explorer, Philip Carteret (+ of), an Eng. naval officer, who was in the region of New Guinea 1767. Or, the name may ref. to the area of Port Carteret, now: Lemassa Bay, sthn. tip of New Ireland, PNG(?). syn. *Cleisostoma* Blume.

Carteria: Small 1910. Listed for noted grower J.J.Carter of Pennsylvania, USA. syn. *Basiphyllaea* Schltr.

carthagenense: listed for place name (+ from). Mon.Jacquin (see *Jacquiniella*), the orig.coll., found it (c1762) near Cartagena, Colombia. cf. *Trichocentrum carthagenense* (Jacq.) M.W.Chase & N.H.Williams 2001.

cartilaginiflorum: see cartilaginous + flower. cf. *Epidendrum cartilaginiflorum*.

cartilaginous: ref. cartilage: gristle + suffix: like, etc. Gristly; firm and tough, but not rigid.

cartiligera: ref. cartilage: gristle (+ see cartilaginous), + see -ger: bearing. cf. *Calanthe cartiligera*. syn. *C. triplicata*.

cartonii: listed for a Mr. Carton, gardener to the Duke of Northumberland, Eng., first to flower it. ex Colombia and Venezuela, cf. *Mormodes cartonii* Hook. 1846.

caruncle: did this separate to aid the next entries and to save much repetition. Ref.

caruncula: little piece of flesh. In ornithology: a fleshy excrescence, protuberance, or process of many birds. eg. With fowl (chickens, turkeys etc.), refs. to the head comb, or wattle (under the beak and neck). Bot.: a process, or protuberance (likened to flesh) of certain seeds (not orchids). + For us, the word is noted as alluding to appendages; surface condition, etc. eg. See *carunculaelabrum* (: a specific epithet, which is an adjectival compound). + Ref. *caruncular*: of, or relative to a caruncle; *carunculate*: like, or having a caruncle. Having organ(s), or part(s) alluded to resemble the condition.

caruncula: lit., little piece of flesh. + See *caruncle*. cf. *Eria caruncula*.

carunculaelabrum: see *caruncle*, *carunculate* + *lip* (or *edge*, see *labrum*). cf. *Bulbophyllum carunculaelabrum*. syn. *B. catenarium*.

carunculata: see *caruncle*, *carunculate*. cf. *Eria carunculata*. syn. *E. appendiculata*. Of interest, one says it has caruncles and the other says it has small appendages.

carunculate: like, or having a caruncle. See *caruncle*.

carunculatum: see *caruncle*, *carunculate*. Thought it may ref. to *paleae*, but the description refs. to the surface condition of the *labellum*. cf. *Bulbophyllum carunculatum*.

carunculifera: see *caruncle* + see *-fer*: bearing. cf. *Eulophia carunculifera*. syn. *E. clavicornis* var. *nutans*.

carunculigera: see *caruncle* + see *-ger*: bearing. cf. *Lepanthes carunculigera*.

carunculilabrum: see *carunculaelabrum*. cf. *Bulbophyllum carunculilabrum*. syn. *B. catenarium*.

carunculosa: see *caruncle* + suffix: *caruncular*. cf. *Eria carunculosa*.

carunculosum: as *carunculosa*. cf. *Dendrobium carunculosum*. syn. *Eria carunculosa*.

carvalhoi: listed for botanist and author, João de Carvalho e Vasconcellos (1897-1972).

Descs. accr. to him are abbr. to: Carv. Vasc., or Vasc.(?). ex Brazil, cf. *Habenaria carvalhoi* Ruschi 1946. syn. *H. rodeiensis*.

caryaecolum: *caryae*:- listed as refs. to a tree, *Carya arborea** + resident; dweller. Seems to prefer this tree as a host. (*Trivia: in India, the tree is known as *kumbhi*, and in Sri Lanka, as *kahata*). cf. *Dendrobium caryaecolum*.

caryicola: see *caryaecolum*. cf. *Dendrobium caryicola*.

Caryopedilum: Pfitzer. Ref. *karyon*: nut + *pedilum* (ref. *pedilon*): foot covering; slipper, etc. = *Paphiopedilum* section.

caryophyllaceus: has a complicated expl.. Listed as ref. *karyophyllon*: the clove pink, of the pink family: *Caryophyllaceae*. + The flower bud of the clove tree. Listed as a vague colour term, is the one word and simply means "pink".

caryophyllum: is probably ref. *karyon*: nut + *-phyllum*: leaf. The same way the name *Bulbophyllum* is made up. Ref. the pseudobulb + leaf. cf. *Bulbophyllum caryophyllum*. syn. *B. baileyi*.

casanaensis: for place name: from Casana (village), La Paz Department, Bolivia. cf. *Cyclopogon casanaensis* Schltr.1929.

casapensis: for place name (+ from). One that fits the given locations is Casapa (village), Chuquisaca Department, Bolivia. cf. *Pleurothallis casapensis* Lindley 1842.

cascajalensis: for place name (+ from), listed to be from Guatemala to Colombia. There are many, but the most likely seems to be: from the Cascajal Islands, Bahia de Buenaventura, Valle del Cauca Department, Colombia. cf. *Stelis cascajalensis* Ames 1923. syn. *S. superbiens*. + See next entry.

cascajalensis: from Cascajal, listed as ex Costa Rica. Noted a village of Alajuela and a town of San José (provinces). cf. *Telipogon cascajalensis* Dodson & R.Escobar 1987.

casillasii: of Casillas. May be for a person's name, also from the given location ref. Casillas (village) of n.west Jalisco state, Mexico. cf. *Kreodanthus casillasii* R.González 1995.

caspia: listed as ref. *caspius*: Caspian. Of the region of the Caspian Sea, sthn. Russia (borders Iran). cf. *Orchis caspia* Trautv.1873. syn. *Anacamptis papilionacea*.

cassandra: is to express "beauty". Ref. Gk.myth., Cassandra: the very beautiful daughter of King Priam and Queen Hecuba of Troy (of interest, see *phrygia*). ex Brazil, cf. *Cattleya* x *cassandra* Rolfe (listed as a synonym and the "correct name" not given).

cassapense: for place name (+ from). Can't locate it and the species is listed to be from Venezuela, Colombia, Ecuador and Peru. cf. *Camaridium cassapense* (Rchb.f.) Schltr.1921. syn. *Maxillaria luteorubra*.

cassapensis: as *cassapense*. cf. *Maxillaria cassapensis* Rchb.f.1863. syn. *M. luteorubra*.

cassicula: small helmet, or for something to do with a *Cassia* (? see *cassideum*). cf. *Lepanthes cassicula*.

cassidata: is a contraction and probably ref. *cassida*: helmet, etc. + like; having. cf. *Pleurothallis cassidata*.

cassidea: see *cassideum*. cf. *Gongora cassidea*.

cassideum: cf. *Bulbophyllum cassideum*. Could be for the median sepal and petals likened to a helmet (+ see next-entry). One major ref. source says, ref. to *Cassia*: a tree of the laurel family (: *Lauraceae*), with no further info. Do some parts resemble a flower like those of *Cassia*, or has it a cinnamon-like perfume (like *Cassia*), or maybe it prefers these trees as a host (?).

cassideum: ref. *cassideus*: helmet-like (shape). cf. *Catasetum cassideum*. + See last entry.

cassidis: a helmet. cf. *Pleurothallis cassidis*.

cassiope: again is for "beauty". Ref. Gk.myth., Cassiopeia: a very beautiful minor goddess, wife of Cepheus and mother of Andromeda. cf. *Cypripedium* x *cassiope* Rolfe.

cassythoides: listed as ref. *Cassytha*: a genus of twining parasitic plants (family: *Lauraceae*, not orchids) + resembling. cf. *Erythrorchis cassythoides*. Noted as endemic to eastn.Aust.

casta: ref. *castus*: pure; clean; chaste. cf. *Coelogyne casta*. syn. *C. cumingii*. Pers.coll. not uncommon, ex PM.PNG., see *cumingii*.

castanea: see *castaneus*. cf. *Stelis castanea*.

castaneum: see *castaneus*. cf. *Prasophyllum castaneum*. Noted as endemic to Tas., Aust.

castaneoides: resembling a chestnut (shape). cf. *Cleistes castaneoides*.

castaneus: ref. *castanea*: chestnut. + Can be a colour term: chestnut brown. cf. *Sarcanthus castaneus*. syn. *Robiquetia spathulata*.

castelfrancoi: may be for a person's name (+ of), and/or a place name. Noted a city, **Castelfranco** di Sotto of Pisa, Tuscany, Italy, perhaps for where it was flowered in cultivation (?). ex Costa Rica, cf. *Ornithocephalus castelfrancoi* Pupulin 2000.

castellana: for place name, ref. *castellanus*: (of) *Castella*: Castile, or *Castilla*, Spain. Or, may be ref. *Castellana* (: *Castellana Grotte*), a minor city of Bari, Apulia, Italy (?). cf. *Ophrys castellana* Devillers-Tersch.& Devillers 1988. syn. *O. exaltata*.

castellensis: for place name: from Castelo city (aka. **Castello**, also lit.trans. as: from a fort). ex Espirito Santo state, eastn. Brazil, cf. *Centroglossa castellensis* Brade 1949.

castleanum: for botanist and author, L.Castle (+ belonging to). cf. *Cypripedium* x *castleanum* Rolfe. Noted as syn. to *Paphiopedilum*, but the "correct name" is not given.

castor: lit., ref. *kastor*: a beaver (the animal), or could be: one who is pure (? ref. *castus*: pure). Also may ref. to the myth. of Castor and Pollux, see info. at *pollux*. ex Peru, cf. *Masdevallia castor* Luer and Cloes 2001.

castum: see *casta*: pure, etc. cf. *Dendrobium castum*. syn. *D. moniliforme*.

casualis: is listed as the one word: of luck, or chance; fortuitous; happening by chance. cf. *Pleurothallis casualis* Ames 1925.

casuarinae: ref. *Casuarina* (+ of, a tree of the family: *Casuarinaceae*). Noted, this species seems to prefer it as a host. ex New Caledonia, cf. *Dendrobium casuarinae* Schltr.1918.

cat-, *cata-*, *cati-*, *cato-*: used in compwds., ref. *kata*: low; down. Can also infer: downwards; below; under; against; beneath, etc. + Sometimes is an emphasis: very, etc.

Catachaetum: Hoffmanns.1842. See *cat-* + see *chaeta*: bristle. syn. *Catasetum*.

catalaunica: listed as Lat'd. spelling for place name: belonging to *Catalaunia*: Catalonia (+ *Cataluna*) region, n.east Spain (borders with France). cf. *Orchis catalaunica* O.& E. Danesch.

x *Catamodes*: auct. On the syn. list, without further info. cf. ***Catasetum* x *Mormodes***.

cataniapoensis: for place name (+ from), only listed as ex sthn.Venezuela. cf. *Coryanthes cataniapoensis* G.A.Romero & Carnevali 1989.

x *Catanoches*: auct. Same comments as x *Catamodes*. cf. ***Catasetum* x *Cycnoches***.

cataonica: Lat'd. spelling for place name: belonging to *Cataonia*: now a region of central Turkey. cf. *Orchis cataonica* H.Fleischm.1914. syn. *Dactylorhiza osmanica*.

catapheres see *cat-*+ borne; carried. cf. *Masdevallia catapheres*.

cataphylls: is plural, as there's always more than one. Listed as a coined term, see *cat-*+ *phyllon*: leaf. Not a true leaf, but sheathing leaf-like parts surrounding and protecting an emerging new growth. As it matures they disintergrate, leaving many basal fibres (: the sclerenchyma, see "S"). + Ref. cataphyllous.

cataphysema: see *cat-*: low, etc. + ref. *physema*: bubble. cf. *Habenaria cataphysema*.

cataractarum: ref. *kataraktes* + suffix: of, or to do with a cataract. Growing very near a waterfall. cf. *Sobralia cataractarum*.

× *Catasandra*: auct. Same comments, as × *Catamodes*. cf. *Catasetum* × *Galeandra*.

Catasetinae: see *Catasetum* + suffix, denotes it's a subtribe.

Catasetum: Rich. ex Kunth 1822. Listed as ref. *kata*, see *cat*:- low, etc. + see *seta*: bristle; bristled. One of the truly unique oddities. Was once separated into three genera: *Catasetum*, having male flowers; *Monacanthous*, with female flowers and *Myanthus*, hermaphrodite flowers. ex Brazil, eg. *Catasetum alatum*.

catella: see *cat*:- low, etc. + dimin. This specep. is very brief and there are many things it could ref. to. Listed as ex Colombia, cf. *Lepanthes catella*.

caten:- used in combwds., ref. *catena*: a chain; tie; bond. + Ref. *catenatus*: chained; chain-like. For a group, single organ, part, or anything that could be alluded to resemble a chain. Or, appearing as if linked, or tied together. eg., See *catenata*.

catenarium: ref. *catena*: a chain + suffix: of; relative to. Alluding to the rhizome and pseudobulbs. cf. *Bulbophyllum catenarium*.

catenata: ref. *catenatus*: chain-like. Ref. the connecting tuberoids, or could be for the two rows of calli on the lip (?). cf. *Caladenia catenata*.

catenatum: see *caten*- + suffix: having, or like a chain. Ref. the pseudobulbs and rhizome. cf. *Dendrobium catenatum*. syn. *D. moniliforme*. (Of interest one says, like a chain and the other, a necklace.)

catenatus: see *catenata*. cf. *Petalochilus catenatus*. syn. *Caladenia catenata*.

cateniformis: descwd., see *caten*- + *formis*: chain-shaped, chain-like.

catenulata: see *caten*- with the added dimin.: small + suffix: having, or like a small chain. cf. *Bletia catenulata*.

catenulatum: as *catenulata*. Refs. to the rhizome and the small pseudobulbs. cf. *Bulbophyllum catenulatum*.

cateorum: see *cat*:- down, etc. + suffix: of; relative to, etc. Refs. to its pendent habit. cf. *Bulbophyllum cateorum*.

catharinensis: for place name (+ from), only listed as ex sthn. Brazil. Ref. Santa Catarina state, or may be for Ilha Santa **Catharina** (: Ilha de Santa Catarina) cf. *Cleistes catharinensis* (Cogn.) Hoehne 1940. + See next entry.

catharinensis: another entry as this one is definite, being listed as: from Santa Catarina state, Brazil. cf. *Promenaea catharinensis* Schltr. 1921.

cathayana: as *cathayenum*. Listed as ex Guangxi Prov., cf. *Oberonia cathayana* Chun & T. Tang 1982.

cathayenum: ref. Cathay (+ belonging to), listed as an old English name given for (mostly) nthn. China. cf. *Cypripedium cathayenum* S.S. Chien 1930. syn. *C. japonicum* Thunb. 1784.

cathcartii: of Cathcart. For orig. coll., James F. Cathcart, of the Indian Civil Service. ex the Himalayas, cf. *Esmeralda cathcartii* (Lindley) Rchb. f. 1862.

Cathea: Salisb. 1812: ref. *cateia*: a kind of spear; a barbed spear (-head). Refs. to the labellum. syn. *Calopogon* R. Br.

catholica: ref. *catholicus*: orthodox; universal. Some refs. suggest it could be for the median sepal, likened to a monk's cowl (?). cf. *Ophrys catholica*. syn. *Pterygodium catholicum*.

catholicum: as *catholica*. cf. *Pterygodium catholicum*.

catillare: see *catilliforme* (+ see -are: like, etc.) cf. *Dendrobium catillare*.

catilliforme: descwd., ref. *catillus*: small dish; plate; pot; bowl; saucer, etc. + shape; form.

catilligera (+ have noted it as *catiligera*?): see *catilliforme* + see -ger: bearing. cf. *Calanthe catilligera*. syn. *Calanthe triplicata*.

catillus: see *catilliforme*. Ref. the labellum. cf. *Epidendrum catillus*.

catinatus: is listed as an error and should have been *carinatus*. But also, *catinatus* translates to: ref *catinus*: a deep vessel, as a basin; bowl; cup; pot, etc.+ suffix: like; having. cf. *Gastrochilus catinatus*. syn. *Acampe carinatus*.

catipetalus: see *cat-*: low, etc. + petals. cf. *Scelochilus catipetalus*.

catleyoides: could be either a misspelling, or typ.error, for *Cattleya* + resembling. On the syn. list, ex Brazil, cf. *Laelia* x *catleyoides* Barb.Rodr.

Catochilus: see *cat-*: low, etc.+ lip. For the appearance of the lateral sepals, deflexed in front of the ovary.= *Pterostylis* section.

catoxys: see *cat-*+ see *oxys*: sharp; sour, etc. cf. *Pleurothallis catoxys*.

x *Cattkeria*: auct. On the syn. list, without further info. cf. *Barkeria* x *Cattleya*.

x *Cattlassia*: auct., same comments as x *Cattkeria*. cf. *Brassia* x *Cattleya*.

Cattleya: Lindley 1824. Listed for William Cattley [+ of] (1788-1835) of Barnet, Eng. A merchant, noted grower and sponsor of Prof. Lindley. ex Brazil, eg. *Cattleya labiata*.

cattleya: see *Cattleya*. Is probably because a flower of this one looks very much like a *Cattleya*. cf. *Sobralia cattleya* Rchb.f.1877.

cattleyae: see *Cattleya* (+ of). cf. *Epidendrum cattleyae* Hort. syn. *Cattleya luteola*.

cattleyioides: *Cattleya* + resembling. cf. *Laelia cattleyioides*. syn. *Sophranitis lundii*.

Cattleyodes: *Cattleya* + resembling.= *Laelia* section.

Cattleyopsis: Lem.1854. *Cattleya* + appearance. eg. *Cattleyopsis cubensis* (Lindl.) Saulea & R.M.Adams 1984. Noted as endemic to Cuba.

x *Cattleyopsisgoa*: auct. Same comments as, x *Cattkeria*. cf. *Cattleyopsis* x *Domingoa*.

x *Cattleyopsistonia*: auct. Same comments as, x *Cattkeria*. cf. *Broughtonia* x *Cattleyopsis*.

x *Cattleytonia*: auct. Same comments as, x *Cattkeria*. cf. *Broughtonia* x *Cattleya*.

x *Catttotes*: auct. Same comments as, x *Cattkeria*. cf. *Cattleya* x *Leptotes*.

cauca: for place name (+ of), listed as ex Colombia and could be for a few different locations. Ref. the Department of Cauca; the Cauca Valley, or of the Cauca River. cf. *Epidendrum caucae* Schltr.1920. syn. *E. calanthum*.

Caucaea: Schltr.1920: of, or belonging to Cauca, see *cauca*. eg. *Caucaea radiata*.

caucaensis: see *cauca* (+ from). cf. *Cattleya caucaensis* Ballif 1901. syn. *C. candida*.

caucana: see *cauca* + different suffix: belonging to. cf. *Habenaria caucana* Schltr.1920. syn. *Habenaria trifida*.

caucanum: as *caucana*. cf. *Oncidium caucanum* Schltr.1920.

caucanus: as *caucana*. cf. *Physurus caucanus* Schltr.1920. syn. *Erythodes caucana* (Schltr.) Ames 1922.
caucasica: belonging to Caucasia: a region which extends from the Black Sea to the Caspian Sea, inc. the Caucasus Mtns. cf. *Cephalanthera caucasica* Kraenzl.1931.
cauda-avis: tail + bird. cf. *Lepanthes cauda-avis*.
cauda-equina: horse's tail. From the very brief discussion, I get the impression it alludes to the pendent leaves. cf. *Stelis cauda-equina*.
cauda-hirundinis: tail + of a swallow (bird). cf. *Pleurothallis cauda-hirundinis*.
cauda-phocae: tail + ref. *phoca*, *phoke*: a seal (the animal) + of. ex Ecuador, cf. *Pleurothallis cauda-phocae* Luer & Hirtz 1988.
caudata: see caudate. Ref. the lip. cf. *Caladenia caudata*. Noted as endemic to Tas., Aust.
Caudatae: (those) having tails.= *Masdevallia* subsection.
caudate: ref. *cauda*: tail + suffix, + ref. *caudatus*: tailed; having, or like a tail. A tail-like appendage, extension, or terminating into a "tail". Usually relatively long, slender and tapering.
caudatilabella: see caudate + lip. cf. *Goodyera caudatilabella*. syn. *G. fumata*.
caudatilabellata: tailed + lipped (: having a tailed lip). cf. *Calanthe puberula* var. *caudatilabellata*. syn. *C. arcuata*.
caudatipetala: tailed + petals. cf. *Pleurothallis caudatipetala*.
caudatisepala: tailed + sepal(s?). cf. *Lepanthes caudatisepala*.
caudatisepalum: tailed + sepals. cf. *Bulbophyllum caudatisepalum*.
caudatum: tailed. cf. *Phragmipedium caudatum*.
caudatus: tailed. Ref. the tepals. cf. *Acianthus caudatus*. Noted as endemic to s.east Aust.
caudicle: adapted ex *caudicula*: small tail; a little stem. A special stalk-like extension of a pollinium which connects it to the stipe, and/or viscidium. Can be short, or relatively long. + See pollinia, pollinarium, stipe, viscidium.
caudiculata: ref. *caudicula*: small tail + suffix: like; having. Has a small tail at the labellum apex. ex New Guinea, cf. *Dockrillia caudiculata*. syn. *Dendrobium caudiculatum*.
caudiculatum: as *caudiculata*. cf. *Dendrobium caudiculatum*.
caudiculum: ref. *caudicula*: small tail. cf. *Prasophyllum caudiculum* D.L.Jones 2000. Noted as endemic to NSW., Aust.
caudiflora: tail + flower. cf. *Phreatia caudiflora*.
caudigera: tail + bearing. cf. *Lepanthes caudigera*.
caudipetalum: tail + petals. cf. *Bulbophyllum caudipetalum*.
caudivolvula: tail + ref. *volvere*: to roll; turn around + suffix: dimin. + See *Caudivolvulae*. cf. *Masdevallia caudivolvula*.
Caudivolvulae: tails + rolled; revolved. Ref. the sepals, narrowing abruptly into tails and then twisting, reminiscent of a corkscrew.= *Masdevallia* section.
Caularthron: Raf.1837. Ref. *caulis*: stem; stalk + *arthron*: joint. Ref. the jointed appearance of the pseudobulbs. ex the Caribbean to Sth.America, eg. *Caularthron bicornutum*.
Cauleria: ref. *caulis*: stem; stalk + see *Eria*, or *erion*: wool (: wooly stem?).= *Eria* subgenus.
caulescens: ref. *caulis*: stem; stalk + suffix: tending to; becoming. See caulescent. ex New Guinea, cf. *Pterostylis caulescens*.

caulescent: mostly applies to terrestrials. Having a swollen tuberoid-like base (mostly under the substrate), narrowing abruptly above and then being stem-like.

Caulescentes: those becoming stem-like.= *Ceratostylis*, *Epiblastus*, *Pleurothallis* & *Polystachya* sections.

cauliflora: stem; stalk + flower. cf. *Liparis cauliflora*.

cauliflorum: stem; stalk + flower. cf. *Bulbophyllum cauliflorum*.

cauliformis: stem shaped; stem-like. cf. *Brassia cauliformis*.

cauligera: stem; stalk + see -gera: bearing. cf. *Phreatia cauligera*. syn. *P. stenostachya*.

caulina: stem; stalk + the condition; like, etc. + See cauline. cf. *Hymenorchis caulina*.

cauline: of, or relative to a stem, or axis, eg. cauline leaves, cauline bracts.

cauline bracts: bracts on an inflorescence which are mostly non-productive. ie. Without any buds, or latent organs in the axils. + See cauline.

x *Caulocattleya*: Dress. On the syn. list, without further info. cf. *Cattleya* x *Caularthron*.

Caulodes: stem + resembling. Ref. the leaves.= *Calanthe* section.

Caulophreatia: ref. *caulis*: stem; stalk + ref. *Phreatia*. The species are noted for being stemmed.= *Phreatia* section.

caurensis: from the Río Caura (river), mostly of Bolívar, Venezuela. cf. *Epidendrum caurensis* Carnevali & G.A.Romero 1992.

caurina: ref. *caurinus*, lit.: of the north-west wind. Here, refs. to distribution: from the n.west of USA.. cf. *Listera caurina* Piper 1898.

cavalcantei: listed for botanist and author, Wlandemir de Albuquerque Cavalcanti (+ of). Descs. accr. to him are abbr. to: Cavalc. ex Pará, Brazil, cf. *Coryanthes cavalcantei* M.F.Silva & A.T.Oliveira 1996. + Of interest see *albuquerquei*.

cavaleriei (maybe, should be *cavalierei*?): listed for orig.coll., botanist Domenico Cavaliere (+ of). ex Guizhou, China, cf. *Panisea cavaleriei* Schltr.1924. syn. *P. tricallosa*.

cavanayensis: from Cavanayén (village), Canaima N.Park, Bolívar state, Venezuela. cf. *Polystachya cavanayensis* Garay & Dunst.1976.

cavate: ref. *cavus*: a hollow + suffix: like, or having a hollow, or hollows; as if hollowed out. Often refs. to a surface condition: having many small depressions.

cavatibrachia: see cavate + arm, see brachiate. cf. *Habenaria cavatibrachia*.

cavendishiana: as *cavendishianum*. ex Mexico, etc., cf. *Lophiaris cavendishiana* (Bateman) Braem 1993. syn. *Trichocentrum cavendishianum*.

cavendishianum: listed for His Grace, William George Spencer Cavendish (+ belonging to), 6th. Duke of Devonshire, Eng.(1790-1858). A generous patron of horticulture and President of the London Horticultural Society from 1838, until his death. Was noted as being an instigator in creating the Royal Botanic Gardens at Kew. (Same man the Cavendish banana and tobacco is named for? + Of interest, see -charis). ex Mexico, cf. *Trichocentrum cavendishianum* (Bateman) M.W.Chase & N.H.Williams 2001.

cavendishii: see *cavendishianum*. ex Mexico, cf. *Stanhopea cavendishii* Lindley ex W.Baxter 1850. syn. *S. hernandezii*.

cavibulbum: ref. *cavus*: a hollow (as a dent) + bulb. Listed as ref. the rear of the lip: has a concave depression (: *cavi*-), in which there are two rounded projections(-

bulbum). These features are very inconspicuous and the spec. is most likely, for the pseudobulbs which almost lie flat on the rhizome and have an obvious large hollow underneath. cf. *Bulbophyllum cavibulbum*. Noted as endemic to Papua, Indon.

cavipes: see cavate + foot. cf. *Dendrobium cavipes*.

cavistigma: see cavate + see stigma. Ref. the stigmatic depression. cf. *Bulbophyllum cavistigma*. syn. *B. trifilum*.

caxarariense: for place name: from Terra Indígena **Caxarari** (reserve), ex Rondônia, Brazil. cf. *Catasetum caxarariense* M.F.F.Silva & A.T.Oliveira 2002.

caximboensis: for place name (+ from), only listed as ex Pará state, Brazil. *Encyclia caximboensis* L.C.Menezes 1992.

cayennensis: from Cayenne, capital city of French Guiana. cf. *Masdevallia cayennensis* Rchb.f. syn. *M. cuprea*.

caymanense: as *caymanensis*. cf. *Oncidium caymanense* Moir 1969.

caymanensis: from the Cayman Islands, dependency of Great Britain, West Indies. cf. *Pleurothallis caymanensis* C.D.Adams 1971.

cazorlensis: from Cazorla, a town of Jaén Prov., sthn. Spain. cf. *Orchis cazorlensis* Lacaita 1930. syn. *O. spitzellii*.

cearense: from Ceará, listed as ex n.east Brazil. May be for the state, or river, also there's towns, villages and a city (: Fortaleza, aka. Ceará). cf. *Epidendrum cearense* Barb.Rodr.1881. syn. *E. anceps*.

cearensis: as *cearense*. cf. *Cyclopogon cearensis* Barb.Rodr.1881.

cebolleta: eventually found it with much reading! Listed as ex Spanish: a small onion. cf. *Trichocentrum cebolleta*.

cebolletum: as *cebolleta*. cf. *Epidendrum cebolletum*. syn. *Trichocentrum cebolleta*.

ceciliae: listed for Ms.Cecily Weld, daughter of Sir F.A.Weld, Governor of the Straits Settlements (Malaya, Java, Sumatra). cf. *Calanthe ceciliae* Rchb.f.1883.

ceciliae: listed for Ms.Cecilia Viennot van Maseyk (+ of). A lithophyte, noted as endemic to eastn. Aust., cf. *Sarcochilus ceciliae* F.Muell.1865.

cedarbergensis: for place name: from Cedarberg. Can't locate it, but is listed as ex Cape Prov., South Africa. cf. *Disa cedarbergensis* H.P.Linder 1988.

cedralensis: for place name (+ from), listed as ex Costa Rica. Noted six villages, called Cedral, in three different provinces of Costa Rica. cf. *Maxillaria cedralensis* J.T.Atwood & Mora-Ret.1997. + See next entry.

cedralensis: another entry, as this one is listed ex Panama. Noted two villages, called El Cedral, of Los Santos and Varaguas provinces. cf. *Trichosalpinx cedralensis* (Ames) Luer 1983.

cedricola: listed as refs. to the shrub: *Papuacedrus papuana* (as the host) + resident; dweller. cf. *Dendrobium cedricola* P.Royen. syn. *D. dekokkii*.

cedricsmithii: listed for orig.coll., Cedric Smith of Stewart Island, NZ. cf. *Thelymitra venosa* var. *cedricsmithii* Hatch.

celakovskyi: for botanist and author, Ladislav Josef Celakovsky (1834-1902). Descs. accr. to him are abbr. to: Celak. ex Italy and Yugoslavia, cf. *Orchis* x *celakovskyi* Rohlena 1923. syn. *O. pseudoanatolica*.

celans: hiding. Ref. *celare*: to conceal. The labellum conceals the interior of the helmet-like flower. cf. *Pterostylis celans*. syn. *P. nana*.

celata: ref. *celare* + suffix: having secrets; hidden; concealed. cf. *Disa celata*.

celebense: from Celebes (: a major island of Indon., now Sulawesi). cf. *Dendrobium concavum* var. *celebense* J.J.Sm.1907. syn. *D. smithianum*.

celebensis: as *celebense*. ex Sulawesi, cf. *Phalaenopsis celebensis* H.R.Sweet 1980.

celebesense: see *celebense*. cf. *Paphiopedilum bullenianum* var. *celebesense* (Fowlie & Birk) P.J.Cribb 1987.

celebica: see *celebense* + different suffix: belonging to. cf. *Arachnis celebica* J.J.Sm.1912.

celebicum: as *celebica*. cf. *Podochilus celebicum* Schltr.1911. syn. *Appendicula celebica* (Schltr.) Schltr.1912.

celebicus: as *celebica*. cf. *Phaius celebicus* Schltr.1911. syn. *P. flavus*.

celiensis: for place name (+ from). This species is only listed as ex Sardinia, Sicily and Italy. cf. *Ophrys celiensis* (O.& E.Danesch) P.Delforge 2000. syn. *O. holoserica* ssp. *oxyrrhynchos*.

cellulosum: ref. *cellula*: a little chamber, cell + see -*osa*: with many, etc. cf. *Dendrobium sulphureum* var. *cellulosum*.

celox: ref. *celox*, *celocis*: quick; fast; swift. Can also be for a fast sailing boat; yacht, etc. Perhaps the flowers are evanescent (: fading quickly). cf. *Lepanthes celox*.

celsissimum: ref. *celsus*: high; eminent; lofty + very, etc. cf. *Oncidium celsissimum*.

celsium: ref. *celsus*: high; lofty + suffix: characteristic of. cf. *Oncidium celsium*. syn. *O. bifolium*.

celtiberica: refs. to an ancient people, the Celtiberians (mostly) of central and eastn. Spain. Listed as ex Spain, it may be an oblique ref. to where this species was found. cf. *Orchis* x *celtiberica* Pau 1921 (syn.).

cenisia: is only listed as ex France and may be for a place name. My only ref. is just over the border, Bar **Cenisia** (: Bar Cenisio), a minor city of Torino Prov., Piedmont, Italy (?). cf. *Gymnadenia cenisia* G.Foelsche et al. 1999.

centerae: listed for Mrs.F.Centre (+ of), noted collector and grower, wife of the Superintendent of the Panama railway. cf. *Epidendrum centerae* Rchb.f.1873.

centifrancum: explored every possibility for this and can only speculate that it's Lat'd. French for: 100 francs. Perhaps this was its price at the time (? + see "prices"). cf. *Oncidium centifrancum* Rchb.f.1863. syn. *Cyrtorchilus examinans*.

centipeda: alluding to a centipede (lit.: 100 + foot; feet). cf. *Thrixspermum centipeda*.

centr-, *centro-*: used in compwds. and can be confusing, ref. *kentron*, *centrum*: for the centre (central). Or can be pointed, or to do with a spur. In theory, if *centr-* is with other Latin, it should be for the centre (ref. *centrum*) and when with other Greek, it should be for a point, or spur etc. (ref. *kentron*).

centradenia: could be centre + gland. Or, spur + gland. If the author hasn't mixed Gk. and Lat., it should be the latter. cf. *Epidendrum centradenia*. syn. *Oerstedella centropetala*.

centrale: centrally. + Ref. *centralis*: of, or relative to the centre. cf. *Diplocaulobium centrale*.

Centranthera: Scheidw.1842. See *centr-*+ anther. The anther cap has a small spur-like projection. syn. *Pleurothallis* R.Br.

centranthera: as last entry. cf. *Pleurothallis centranthera*.

Centrochilus: Schauer 1843: spur(s) + lip, see expl. for *Habenaria*. syn. *Habenaria*.

centrocorys: see *centr-*+ ref. *korys*: helmet, or cap. cf. *Disperis centrocorys*. syn. *D. nemorosa*.

Centrogenium: Rchb.f. c1854: centre + origin. A lovely terrestrial, the raceme arises from the **centre** of the plant. ex Mexico, etc., eg. *Centrogenium roseoalbum*. syn. *Pteroglossa roseoalba*.

Centroglossa: Barb.Rodr.1881: see *centro-*+ *glossa*: spur + tongue. ex Rio de Janeiro state, Brazil, eg. *Centroglossa macroceras*.

centropetala: spur + petal, or spur + see *petalo-*: wide, etc.(?). cf. *Oerstedella centropetala*.

Centropetalum: Lindley 1838. See *centropetala*. syn. *Fernandezia* Ruiz & Pav.

centropetalum: see *centropetala*. cf. *Epidendrum centropetalum*. syn. *Oerstedella centropetala*.

centrosemiflorum: see *centr-*+ half + flower. cf. *Bulbophyllum centrosemiflorum*. Pers.coll. ex Itikinu, PM.PNG., June'70.

Centrosia: A.Rich.1828: spur + suffix: characteristic of. syn. *Calanthe* R.Br.

Centrosis: Thouars 1822: spur + see *-osa*:-like; with, etc. eg. *Centrosis sylvatica*. syn. *Calanthe sylvatica*.

centrosis: see *Centrosis*. cf. *Alismorchis centrosis*. syn. *Calanthe sylvatica*.

Centrostigma: Schltr.1915: spur + stigma. Has a small spur-like projection at the stigma. ex Tanzania, Africa, eg. *Centrostigma clavatum*.

centrum: used in combwds. As a general rule, if a Lat. combwd., it's of, or to do with the centre. If a Gk. combwd.: of, or to do with a spur, or point. + See *centr-*.

Cephalangraecum: Schltr.1918: ref. *kephale*: head + see *Angraecum*. Like *Angraecum*, but has a capitulum inflo. (: "head" of flowers). syn. *Ancistrorhynchus* Finet.

Cephalanthera: Rich.1818: head + anther. Listed as an allusion to the anther (or anther cap?). ex Europe to central Asia, eg. *Cephalanthera rubra*.

Cephalantherinae: as *Cephalanthera* + suffix, denotes it's a subtribe.

Cephalantheropsis: Guillaumin 1960: ref. *Cephalanthera* + see *-opsis*: appearance. ex Peninsula Malaysia, eg. *Cephalantheropsis laciniata*.

x *Cephalepipactis*: E.G.Camus 1908. Listed as a misunderstanding for x *Cephalopactis*.

cephalonica: for place name: belonging to *Cephalonia*: Kefellinia Island, westn. Greece. cf. *Ophrys sphegodes* ssp.*cephalonica* B.& H.Baumann 1984. syn. *O. exaltata*.

x *Cephalopactis*: Asch.& Graebn.1907. The name is from the parents and is listed as a natcross of *Cephalanthera* x *Epipactis* (the "o" is a spacer). ex Czechoslovakia, eg. x *Cephalopactis hybrida*.

cephalophora: head + bearing. cf. *Evelyna cephalophora*. syn. *Elleanthus capitatus*.

cephalophorum: head + bearing. cf. *Bulbophyllum cephalophorum*.

cephalophorus: head + bearing. cf. *Elleanthus cephalophorus*. syn. *E. capitatus*.

x *Cephalophrys*: auct. On the syn. list, without further info. cf. *Cephalanthera* x *Ophrys*.
cephalotes: head + see -otes: the feature. cf. *Ancistrorhynchus cephalotes*.
cephalotus: head + suffix: like; having, see -ota. cf. *Elleanthus cephalotus*. syn. *E. capitatus* (: like a head, see capitate).
cepiforme: head + shape. Ref. the lip. cf. *Epidendrum cepiforme*. syn. *Encyclia candollei*.
cepifolia: head + leaves. cf. *Eria cepifolia*.
Cepobaculum: M.A.Clem.& D.L.Jones 2002. Ref. *kepos*: garden + rod; stick; stake. syn. *Dendrobium* Sw.
ceps: was confused with this as Lat., *ceps*: a kind of mushroom, a *boletus*. But with combwds., it's listed as a contraction of *cepula*: small head.
cepula: small head. cf. *Oncidium cepula*. syn. *Trichocentrum cebolleta*. Of interest, one says: a small head and the other, a small onion.
ceracea: wax + like. cf. *Amblyanthe ceracea*. syn. *Dendrobium ceraceum*.
ceraceum: wax + like. Ref. the flowers. cf. *Dendrobium ceraceum*,
ceracifolia: waxy + leaf. cf. *Lankesterella ceracifolia*.
ceraeifolia: was listed as such, but is probably an error for *ceracifolia*. However, ref. *keraiia*: horn-like projection (or, more likely, see *ceraceum*: wax-like) + *folia*: leaf. cf. **Lankesterella ceraeifolia* (: *ceracifolia*?). *There isn't an official listing for this.
Ceraia: Lour.1790: ref. *keraiia*: (any) horn-like projection. Some refs. say: for the labellum lateral lobes, but noted when the flowers close they could each be likened to having the shape of a small horn. eg. *Ceraia simplicissima*. syn. *Dendrobium crumenatum*. Pers.coll., see sketch and notes at *crumenatum*.
ceraia: see *Ceraia*. cf. *Dendrobium ceraia*. syn. *D. crumenatum*.
cerambyx: a kind of horned beetle. cf. *Lepanthes cerambyx*.
ceras: ref. *keras*: horn. Used in compwds.: horned; of, or like a horn. Often refs. to the spur.
cerasinum: is not to do with a horn, see *cerasinus*. Ref. the flower colour. cf. *Dendrobium cerasinum*. syn. *D. puniceum*. Of interest, see *puniceus*.
cerasinus: a colour term: bright pinkish-red; a cherry red.
cerasinus: as last entry. For the flower colour. cf. *Corybas cerasinus*.
cerastes: lit., a horned serpent. cf. *Masdevallia cerastes*.
cerat-, *cerato-*: used in compwds., ref. *keras*, *keratos*: horn; horned; having, or like a horn. For any organ, or part likened to a horn.
Ceratandra: Eckl.& F.A.Bauer 1837: horned + male. Has horn-like projections at the anther (: the "male", apex of column). ex Sth.Africa, eg. *Ceratandra atrata*.
Ceratandropsis: Rolfe 1913: *Ceratandra* + appearance. syn. *Ceratandra*.
ceratistes: horned + suffix: an emphasis, or denotes the feature. Ref. the two sharp horn-like projections on the column. The book I was working on listed it as *Encyclia ceratistes* and it's officially listed in the synonyms as *Epidendrum ceratistes* Lindl.= *Encyclia ceratistes* (without notation of the author). So, maybe one or the other is an error (?).
ceratites: horned + like, etc., but see *ceratistes*. This one is listed as, cf. *Encyclia ceratites* (Lindley) Schltr.1919.

Ceratium: Blume 1825: horned + suffix: distinctive of. eg. *Ceratium compressum*. syn. *Eria compressa*.

Ceratobium: (Lindley) M.A.Clem.& D.L.Jones 2002: see next entry. syn. *Dendrobium*.

Ceratobium: see *cerat*-+*-bium*: horned + characteristic of.= *Dendrobium* section.

Commonly known as antelope orchids, this section has many spectacular species and is now syn. to *Dendrobium* section *Spatulata*.

Ceratocentron: Senghas 1989: horn + spur. Noted as monotypic ex the Philippines.

Ceratochilus: Blume 1825: horned + lip. eg. *Ceratochilus biglandulosus*. Noted as monotypic and endemic to Java.

ceratopetala: see *cerat*-+ petals. Petals likened to slender horns. cf. *Habenaria ceratopetala*. syn. *H. cornuta* (: horned).

Ceratopetalae: with horn-like petals.= *Habenaria* section.

Ceratopetalorchis: Szlach., Górniak & Tukallo 2003: as *ceratopetala* + orchid. syn. *Habenaria* Willd.

Ceratopetalum: horn-like petals.= *Paphiopedilum* section.

Ceratopsis: Lindley 1840: horned + appearance. Has a wide distribution, from Africa, China to Aust. and s.west Pacific Islands, eg. *Ceratopsis rosea*. syn. *Epipogium roseum*.

Ceratostylis: Blume 1825: horned + see style: column. eg. *Ceratostylis humilis*. Pers.coll., common ex PM.PNG.

ceratostylis: horned + column. Probably ref. the stelidia, but some refs. say it resembles a *Ceratostylis* (?). cf. *Bulbophyllum ceratostylis*.

ceratostyloides: horned + column + resembling. Or, resembles *Ceratostylis* (?). cf. *Cadetia ceratostyloides*.

ceratothallis: *cerato*-+ see *-thallis*: horn-like + sprout; shoot. cf. *Myoxanthus ceratothallis*.

ceraula: *cera* + dimin.: small horn. Ref. the lateral horn-like calli at the base of the lip. cf. *Dendrobium ceraula*.

cerberus: ref. Gk.myth., Cerberus (*Kerberos*): a three-headed, monstrous dog-like creature that guarded the gates of Hades. cf. *Pleurothallis cerberus* Luer & R.Vásquez 1980.

cercion: ref. *kerkion*: small tail. cf. *Lepanthes cercion*.

cercoglossum: ref. *kerkos*: tail + tongue. Ref. labellum apex. cf. *Bulbophyllum cercoglossum*.

cercopitheca: ref. *cercopithecus*: a monkey. An allusion to the labellum. cf. *Orchis cercopitheca*. syn. *O. simia* (: an ape, or monkey).

cerea: of grain (ex, *ceres*). cf. *Habenaria cerea*.

cerebellum: ref. *cerebrum*: brain + dimin. Alluding to the labellum, as lumpy and wrinkled, like part of the brain. cf. *Bulbophyllum cerebellum*.

cerebriferum: ref. *cerebrum*: brain + see *-fer*: bearing. cf. *Oncidium cerebriferum*. syn. *O. ensatum*.

cereiflorum: of wax + flower. cf. *Epidendrum cereiflorum*.

cereola: listed as a dimin. of *cereus*: wax, ref. *cereolus*: slightly waxy. cf. *Miltonia cereola*. syn. *M. regnellii*.

ceres: ref. Ceres: Roman goddess of grains and agriculture (equiv. in Gk.myth., Demeter). Noted, the author thought it to be beautiful and deserved the name of a goddess

and Ceres was appropriate. cf. *Cypripedium* x *ceres* N.E.Br. On the syn. list, it's noted as a *Paphiopedilum* hybrid, without the "correct name".

cereus: descwd., can be used for: wax; waxen; waxy. + Can be a colour term: waxy-yellow, but this is mostly noted as: *cerinus*.

cerifera: ref. *cereus*: wax, or ref. *cere*: grain (?) + see -*fer*: bearing. May be for a flower's waxy appearance. cf. *Maxillaria cerifera*. syn. *M. notylioglossa*.

ceriflora: waxy + flower. cf. *Pterostylis ceriflora*. syn. *P. gibbosa*. Noted as endemic to NSW., Aust.

cerina: see *cerinus*. cf. *Peristeria cerina*.

cerinum: see *cerinus*. cf. *Bulbophyllum cerinum*.

cerinus: a colour term; like beeswax: mostly a paler waxy-yellow.

cerinus: as last entry. cf. *Sarcanthus cerinus*. syn. *Cleisostoma paniculatum*.

ceriodorum: see *cerinus* + ref. *doron*: gift (a waxy-coloured gift?). Or, ref *kerion* (*ceri*-): honeycomb + see *odor*: scent, etc.(so, it has a honey-like perfume?). cf. *Bulbophyllum ceriodorum*.

cernua: see *cernuous*. cf. *Coccineorchis cernua*.

cernuous: ref. *cernuus*: face downwards. Drooping; nutant; nodding and facing down.

cernuua: see *cernuous*. cf. *Spiranthes cernuua*.

cernuum: see *cernuous*. cf. *Bulbophyllum cernuum*.

cernuus: see *cernuous*. cf. *Myanthes cernuus*. syn. *Catasetum cernuum*.

Cerochilus: Lindley 1854: ref. *keros*: wax + lip. syn. *Hetaeria* Blume.

cerosepalum: ref. *keros*: wax, *cere*: grain or *keras*: horn (?) + sepals. cf. *Bulbophyllum cerosepalum*.

cerritae: for place name (of Cerrita?), only listed as ex Sicily. cf. *Epipactis muelleri* ssp.*cerritae* M.P.Grasso 1994.

cerussatus: a colour term: a dull greyish-white, as white-lead coloured. Only noted this the once from a description, most often you'll see: *incanus*.

cervantesii: listed for Mexican Prof. of Botany, Vincente de Cervantes (1755/9?-1829). Descs. accr. to him are abbr. to: *Cerv. ex Mexico*, cf. *Rhynchostele cervantesii* (Lex.) Soto Arenas & Salazar 1993.

cervicaliferum: ref. *cervix*: neck; cervical: of the neck. Or, ref. *cervicalis*: pillow (?) + see -*fer*: bearing. cf. *Diplocaulobium cervicaliferum*.

cervicolor: ref. *cervus*: deer; stag + colour. A vague colour term: a greyish-yellow mixed with brown. See *cervineus*.

cervineus: descwd., lit.: the colour of a deer.+ See *cervicolor*.

cervinus: descwd.: of deer, or can be the same as *cervineus*.

cesmeensis: from Çesme. Noted a few places with this name (a city, towns and villages), ex eastn. and n.west Turkey. cf. *Ophrys attaviria* ssp.*cesmeensis* Kreutz 2003. syn. *O. fusca* ssp.*fusca*.

Cestichis: Thouars 1822: ref. *keatos* + suffix: (as if) girdled. syn. *Liparis* Rich.

Cestichis : as last entry. *Liparis* subgenus.

cestichis: see *Cestichis*. cf. *Liparis cestichis*.

cestrochila: ref. *kestra*: hammer + lip. cf. *Pleurothallis cestrochila*.

ceteris paribus: “other things being equal”. Another of those annoying Lat. phrases used in general discussions. Not being skilled in Latin, the impact, or punchline of a statement, for me, can be totally lost, simply because I don’t understand it (and am confident I’m not alone!).

cf.: (+ some authors use: cfr.) an abbr. for Lat., *conferre*: to bring together; confer: refer to, or compare with.

chabreana: belonging to Chabré Valles (village), n.west Haiti. cf. *Stelis chabreana* Mansf.1926.

chacaoense: from Chacao, a major town, east of Caracas city, Venezuela. cf. *Epidendrum chacaoense* Rchb.f.1854. syn. *Prosthechea chacaoensis*.

chacaoensis: as *chacaoense*. cf. *Prosthechea chacaoensis* (Rchb.f.) W.E.Higgins 1998.

chachapoyensis: from Chachapoyas city, Amazonas Department, Peru. cf. *Stelis chachapoyensis* Rchb.f.1855.

chachatoyensis: for place name (+ from), is listed as such, but there may be some errors (? + see *coturcoensis* and note the “correct name”). Noted as ex **Colombia**, but also see *chachapoyensis* (ex Peru). cf. *Pleurothallis chachatoyensis* (?) Schltr.1924.

chachatoynsis: is officially listed as such, but may be another error, see *chachatoyensis*. ex Colombia, cf. *Pleurothallis chachatoynsis* Schltr.1924.

chacoensis: for place name: from Gran Chaco, or Chaco. A region in sthn. central Sth.America which inc. parts of Argentina, Paraguay and Bolivia. Also is a province of Argentina. cf. *Brassavola chacoensis* Kraenzl.1905. syn. *B. tuberculata*. + See next entry.

chacoensis: another entry, as this is listed as ex Ecuador. Ref. the town of Chaco (or, El Chaco), of Napo Prov. cf. *Maxillaria chacoensis* Dodson 1989.

Chaenanthus: Lindley 1838, ref. *chainein*: to gape: gaping + flower. syn. *Diadenium*.

chaene: used in combwds., ex *chainein*: to gape. Gapingly; gaping.

chaeta: by my English dictionaries, a “chaeta” is defined as a single bristle, same as seta (see “S”). But, my botanical refs. define it as: loose, flowing hair; mane-like. Can also be for *setae*: bristles. + Used in combwds.as: *chaet*-, *-chaeta*-, *-chaetum*-, *-chaetus*, etc.

chaete: (+ see *chaeta*), noted this from a discussion, it read ... “Note, it is *chaeta*, not *chaete*.”, with no further explanation. Trivium: in zoology, *chaete*: **one** of the *setae* (: bristles) on the *parapodia** of an annelid worm. I didn’t know earth-worms had bristles! *(*parapodia*: almost + feet. They are little muscular sections that are an aid to their crawling.). I love this language and had to put in this entry, again to show how easy it is to understand many strange words from books, newspapers, TV, etc. It’s magic!

Chaetocephala: Barb.Rodr.1882: see *chaeta* + *cephala*: head. Ref. hairs at the anther cap. syn. *Myoxanthus* Poepp.& Endl.

Chaetocephala: as last entry.= *Pleurothallis* section.

chaetocephala: bristles + head. See *Chaetocephala*. cf. *Pleurothallis chaetocephala*. syn. *Myoxanthus punctatus*.

chaetoglossa: see *chaeta* + tongue. cf. *Trichosalpinx chaetoglossa*.

chaetophora: see *chaeta* + see *-phora*: bearing. Ref. the lip. cf. *Pterostylis chaetophora*. Noted as endemic to eastn. Aust.

chaetopodium: bristle + footed. Ref. the very fine peduncle. cf. *Angraecum chaetopodium*.

chaetopus: bristle + footed. Ref. the slender peduncle, cf. *Bulbophyllum chaetopus*.

chaetostoma: bristle, or hair + see *stoma*: mouth. cf. *Masdevallia chaetostoma*.

chaetostroma: hairy + ref. *stroma*: mattress; bed. cf. *Bulbophyllum chaetostroma*.

chalandei: listed for orig.coll., M.Chalande. ex New Caledonia 1884, cf. *Dendrobium chalandei* (Finet) Kraenzl. 1910. syn. *D. bowmannii*.

chailluana: belonging to Chaillu. May be for Paul Belloni Du Chaillu (c1831-1903), noted naturalist, game-hunter and explorer. He spent his youth in Gabon, then later led expeditions into central Africa. More likely, refs. to the Chaillu Mtns., s.east Gabon, near the Congo border, west Africa. cf. *Cyrtorchis chailluana* (Hook.f.) Schltr.1914.

chailluanum: as *chailluana*. cf. *Angraecum chailluanum*. Hook.f. syn. *Cyrtorchis chailluana*.

chalmersiana: listed for orig.coll., the Rev.A.Chalmers (+ belonging to). ex British New Guinea (: now Papua, of PNG.), cf. *Appendicula chalmersiana*. F.Muell.1885. syn. *A. pendula*.

chalmersii: as *chalmersiana*. cf. *Dendrobium chalmersii* F.Muell.1882.

chama: could be for a place name, but I doubt it, as there isn't a suffix. Having read a lot of Dr.Luer's work I'm sure he wouldn't leave it off. Noted a ref. to *chama* (*cheme*): a bi-valve mollusc; cockle, having heart-shaped shells and the spec. possibly alludes to a leaf. Listed as ex Ecuador, cf. *Pleurothallis chama* Luer 1977.

chamae:- used in combwds., ref. *kamai* (+ *kaamai*; *chamai*): low; lowly; dwarf,+ ref. *chamelos*: low-growing. + Can infer: small; lesser; on the ground.

Chamaeangis: Schltr.1915, see *chamae*-+ *angis*: vessel. ex trop. Africa, eg. *Chamaeangis odoratissima*.

Chamaeanthus: Schltr.1905. See *chamae*-+ flower. ex Thailand, Borneo, Java, eg. *Chamaeanthus brachystachys*.

chamaeanthus: see *chamae*-+ flower. cf. *Angraecum chamaeanthus*.

Chamaegastrodia: Makino & Maek.1935: low + stomach + like. Or, more likely, a low, or lesser *Gastrodia* (?). Listed as ex Japan, eg. *Chamaegastrodia shikokiana*.

Chamaeleorchis: Senghas & Lückel 1997: could be a similar explanation as *Chamaeorchis*. But, with the "-le-" in the middle, also ref. a chameleon (the reptile), see *chameleon* (?) + orchid. syn. *Oncidium* Sw.

chamaelepanthes: see *chamae*-+ see *Lepanthes*. cf. *Trichosalpinx chamaelepanthes*.

chamaeleptotes: low + slender + suffix: the feature. Or, a low, or lesser *Leptotes* (?). cf. *Octomeria chamaeleptotes*.

Chamaeorchis: Koch 1837: see *chamae*-+ see orchid. syn. *Herminium* (a terrestrial).

chamaeorchis: see *chamae*- (as: on the ground) + see orchid. cf. *Malaxis chamaeorchis*.

chamaephylla: see *chamae*-+ leaf. cf. *Caladenia chamaephylla*. Endemic to Qld., Aust.

chamaephyllus: as *chamaephylla*. cf. *Petalochilus chamaephyllus*. syn. *Caladenia chamaephylla*.

chamaephyton: low + plant. cf. *Cadetia chamaephyton*. An error, see next entry.

chamaephytum: low + plant. cf. *Cadetia chamaephytum* (the official listing).

Chamaeropes: Spreng.1826: *chamae*- (: on the ground) + *repes*: creeping (and rooting as it grows). syn. *Herminium* L.

chamaestelis: see *chamae*-+ see *Stelis*. cf. *Stelis chamaestelis*.

chamberlainianum: noted the specep. was requested by Sander's Nursery of St. Alban's, Eng., for the Right Hon. Joseph Chamberlain MP [+ belonging to] (a valued client?). ex Sumatra, Indon., cf. *Cypripedium chamberlainianum* O'Brien 1892. syn. *Paphiopedilum victoria-regina*. + See next entry. Took the info. (for both) from different books, but they conflict and I'm not sure which is right.

chamberlainianum: listed for noted grower (Eng.), Sir Henry Chamberlain. ex Sumatra, cf. *Paphiopedilum chamberlainianum* (O'Brien) Stein 1892. syn. *P. victoria-reginae*.

chameleon: ref. *chamaeleon*, *chamaileon*. See *chamae*-+ *leon*: lion + ref. the chameleon: a lizard that changes colour to suit its surroundings. cf. *Dendrobium chameleon*. Noted the specep. is probably because the flower changes colour, from green to (mostly) white. Although there could be a fanciful likeness to the chameleon, for the flower and long spur (: the tail).

Chamelophyton: Garay 1974: ref. *chamelos*: creeping; low-growing + plant. eg. *Chamelophyton kegelii*. Noted as monotypic ex Venezuela to Surinam.

chamelopoda: ref. *chamelos*: creeping; low; on the ground + foot. cf. *Pleurothallis chamelopoda*.

chamensis: for place name (+ from), listed as near Caracas city, Venezuela. Could also ref. to the Chama River, runs into Lake Maracaibo, n.west Venezuela (?). cf. *Pleurothallis chamensis* Lindley 1846. syn. *P. casapensis*.

chamissonis: for botanist, Ludolf Karl Adalbert von Chamisso (1781-1838). Descs. accr. to him are abbr. to: Cham. Listed as ex French Guiana to Argentina, cf. *Vanilla chamissonis* Klotzsch 1846.

x *Chamodenia*: auct. On the syn. list, without further info., cf. ***Chamorchis* x *Gymnadenia***.

Chamorchis: Rich.1818: see *chamae*-+ orchid. eg. *Chamorchis alpina*. Noted as monotypic and endemic to nth. European alpine regions.

champagneuxii: listed for French botanist, M.Champagneux [+ of] (1774-1845). ex the westn. Mediterranean region, cf. *Anacamptis champagneuxii* (Barnéoud) R.M.Bateman, Pridgeon & M.W.Chase 1997.

championii: listed for orig.coll., botanist John George Champion (1815-1854), who collected in the SE.Asia region. Descs. accr. to him are abbr. to: Champ. ex Thailand, cf. *Diploprora championii* (Lindley) Hook.f.1890.

chanchamayodiforme: this may have been compared to *Epidendrum difforme* + it's from Chanchamayo* and it is different, see *difforme*. *Listed as ex Peru, noted two villages of this name, both of Ica Department (admin. division). cf. *Epidendrum chanchamayodiforme* Hágsater & L.Sánchez 1999.

chanchamayoensis: from Chanchamayo. Listed as ex Peru, noted two villages of this name, both of Ica Department. cf. *Pleurothallis chanchamayoensis* Schltr.1921.

chandrsekharanii: listed for phytologist, V.Chandrsekharan (+ of). Descs. accr. to him are abbr. to: V.Chandras. ex Kerala state, India, cf. *Oberonia chandrsekharanii* V.J.Nair, V.S.Ramach.& R.Ansari 1983.

changjiangense: from Changjiang, city of central westn. Hainan Island, China. cf. *Dendrobium changjiangense* S.J.Cheng & C.Z.Tang 1980.

Changnienia: S.S.Chien 1935. Listed to honour Chang-nien Cheng, an eminent Chinese phytologist and horticulturist. eg. *Changnienia amoena*. Noted as monotypic in China.

chanii: for Chew Lun Chan (+ of). Botanist, authority, talented bot. artist and co-author of "Orchids of Borneo" 1994. cf. *Bulbophyllum chanii* J.J.Verm. & A.L.Lamb 1991.

channellii: listed for orig.coll., Robert B.Channell (b1924). Prof.of Botany, Vanderbilt Univ., Nashville, Tennessee, USA. Among other locations, it's listed as ex Tennessee and is a reported natcross. cf. *Platanthera* x *channellii* Folsom 1984.

chanousiana: is only listed as ex France and may be for a person's name. Could also ref. to Chanousse (+ belonging to), a minor city of Hautes-Alpes, Provence-Alpes-Côte d'Azur (?). cf. *Gymnadenia* x *chanousiana* G.& W.Foelsche 1999.

chantaburiense: for place name: from Chanthaburi, a town near the Cambodian border, s.east Thailand. cf. *Cleisostoma chantaburiense* Seidenf.1975.

chantinii: listed for noted grower and nurseryman, M.Chantin of Paris, Fr. ex Assam, India, cf. *Cypripedium chantinii* Hort.c1882. syn. *Paphiopedilum insigne*.

chaoi: listed for phytologist and author, Chi-Son Chao (b1936). ex China, cf. *Paphiopedilum chaoi* H.S.Hua 1999. syn. *P. henryanum* Braem 1987.

chapadense: as *chapadensis*. cf. *Oncidium chapadense* V.P.Castro & Campacci 2001.

chapadensis: only listed as ex Goiás state, Brazil (+ from). Could ref. to **Chapada** dos Veadeiros (a region, and/or a N.Park), or **Chapada** das Mangabeiras (a plateau). cf. *Encyclia chapadensis* N.L.Menezes 1993.

chapaense: for place name: from Sa Pa (aka. **Chapa**), a large town of nth. Vietnam. cf. *Collabium chapaense* (Gagnep.) Seidenf.& Ormerod 2001.

chapaensis: as *chapaense*. cf. *Tainia chapaensis* Gagnep.1932. syn. *Collabium chapaense*.

chaparense: for place name (+ from), only listed as ex Bolivia. cf. *Epidendrum chaparense* Dodson & R.Vásquez 1989.

chaparensis: as *chaparense*. cf. *Masdevallia chaparensis* T.Hashim.1978.

chapmanii: listed for orig.coll., Alvin Wentworth Chapman (1809-1899), an American botanist and author. ex Florida state, USA, cf. *Platanthera chapmanii* (Small) Luer 1972.

chariensis: from the Chari (aka., Shari) River, Chad, Africa. cf. *Pogonia chariensis* A.Chev.1913. syn. *Nervilia bicarinata*.

-*charis*: used in combwds.: loveliness; grace. Can infer: pleasure; happiness and is sometimes added to a person's name as a respectful suffix. As, in olden days, addressing a (titled) gentleman as "your grace".

x *Charlesworthara*: auct.: of, or belonging to Charlesworth, see next entry. Noted as the result of *Cochlioda* x *Miltonia* x *Oncidium*.

charlesworthii: listed for Joseph Charlesworth [+ of] (1851-1920), noted grower of Sussex, Eng., first to flower it. ex Myanmar to China, cf. *Paphiopedilum charlesworthii* (Rolfe) Pfitzer 1894.

charmesinus: listed as a colour term, same as *kermesinus*: carmine.

chartacea: ref. *charta*, *charte* + *-acea*. See chartaceous. cf. *Deiregyne chartacea*.

chartaceous: having the substance, or surface texture of paper. Papery; paper-like. Can also infer a colour: a pale brownish, dull, off-white.

chartacifolia: paper-like + leaf. cf. *Maxillaria chartacifolia*.

Chaseella: Summerh.1961. Listed for authority and collector, N.Chase + *-ella*: respectful suffix. eg. *Chaseella pseudohydra*. Noted as monotypic ex Kenya and Zambia.

chasei: listed for phytologist and author, Mark W.Chase (+ of). ex Peru, cf. *Cochlioda chasei* D.E.Benn.& Christenson 1994.

chasmatochila: ref. *chasmatos*: gaping hole; opening + lip. cf. *Chaubardiella chasmatochila*. syn. *C. subquadrata*.

chasme: ref. *chasma*: gap; opening. cf. *Stelis chasme*. syn. *Pleurothallis hians* (: gaping).

chasmogama: ref. *chasma*: gap; opening; split + ref. *gamos*: union; marriage. Listed as refs. to the open, hood-like column lobe. I thought it might be: split + marriage, because it's noted as a cross of *Thelymitra luteocilium* x *T. nuda*. cf. *Thelymitra* x *chasmogama* R.S.Rogers 1927. Noted as endemic to s.east Aust.

chasmogamum: see *chasmogama*. cf. *Prasophyllum chasmogamum*. Noted as endemic to Vic., Aust.

Chasmotelis: ref. *chasma*: gap; hole, etc. for the deeply excavate labellum + see *Stelis*. = *Stelis* section. syn. *Stelis* section *Stelis*.

chassagnei: of Chassagne. Listed as ex France, may be for a person's name, and/or a place name (?). Noted quite a few towns and villages, called Chassagne (in some way). cf. *Orchis* x *chassagnei* Alleiz.1936 (syn.).

chateaubriandii: of Assis Chateaubriand city, Brazilian Highlands, Paraná state, Brazil. cf. *Zygostates chateaubriandii* Ruschi 1955. syn. *Z. cornuta*.

chatinii: for botanist and author, Gaspard Adolphe Chatin (1813-1901). cf. *Orchis* x *chatinii* E.G.Camus. Noted as syn. to *Orchis* x *grenieri*, I was trying to find its origin, but *O. x grenieri* is not on the official listings (?). More info. on Grenier, see *grenieri*.

chatoensis: for place name (Chato ? + from), only listed as ex Nicaragua. cf. *Sobralia chatoensis* A.H.Heller & A.D.Hawkes 1966.

Chaubardia: Rchb.f.1852. Listed for French botanist, Louis Athanase Chaubard (1785-1854). Descs. accr. to him are abbr. to: Chaub. ex Surinam, eg. *Chaubardia surinamensis*.

x *Chaubardianthes*: auct. Not as I first thought (: Chaubard's flower, see last entry). On the syn. list, without further info., cf. *Chaubardiella* x *Cochleanthes*.

Chaubardiella: Garay 1969. Noted for its resemblance to *Chaubardia* (+ respectful suffix, or small ?). ex trop. Sth.America, eg. *Chaubardiella tigrina*.

Chauliodon: Summerh.1943: prominent; exceptional + tooth. Has a large tooth-like structure on the labellum. eg. *Chauliodon deflexicalcaratum*. Monotypic ex west Africa.

chaun-: used in combwds., ref. *chaunos*: loose; empty; porous; spongy, + fig.: a trifle; paltry; silly; foolish. + Can be ref. *chaunosis*: a loosening; slackening off.

chaunanthe: see *chaun-* + flower. ex Thailand, cf. *Eulophia chaunanthe*.

chaunobulbon: see *chaun*-+ *bulb*. cf. *Bulbophyllum chaunobulbon*.

Chaunodesme: see *chaun*-+ ref. *desmis*: package; bundle.= *Appendicula* section.

chawalongense: for place name (+ from), only listed as ex Tibet. cf. *Cymbidium chawalongense* C.L.Long, H.Li & Z.L.Dao 2003.

cheesemaniae: see *cheesemanii* (but, this has a fem. suffix?). ex Fiji, Samoa, etc., cf. *Dendrobium cheesemaniae* Guillaumin 1956. syn. *D. dactylodes*.

cheesemanii: of Cheeseman. For Thomas Frederick Cheeseman (1846-1923). A NZ. phytologist and author who collected in the Malaysian and Australasian regions. cf. *Corybas cheesemanii* (Hook.f. ex Kirk) Kuntze 1891.

cheir, *cheiros*: used in combwds.: hand. For any organ, part, or group that could be alluded to resemble a hand. With, or without the fingers.

Cheiradenia: Lindley 1853: hand + gland(s). Ref. the labellum calli. eg. *Cheiradenia cuspidata*. Noted as monotypic to the tropics of nthn. Sth.America.

cheiri: left this out for a long time as the suffix can denote it's for a person's name. Listed as ref. *cheir*, *cheiros*: hand and that the floral segments are likened to fingers. (See Orchids of Borneo Vol.2 *Bulbophyllum*. J.J.Vermeulen 1991). Have often seen it listed as *Bulbophyllum cheirii*, maybe other authors did the same as I, ie. presumed it was for a person's name and gave it the "ii" suffix. cf. *Bulbophyllum cheiri*.

cheiropetalum: hand + petals (?), or could be see *-petalo-*: broad, etc. cf. *Bulbophyllum cheiropetalum*.

cheirophoroides: hand + bearing + resembling. Or, may have been compared to *Oncidium cheirophorum* (?). cf. *Oncidium cheirophoroides*. syn. *O. luteum*.

cheirophorum: hand + see *-phora*: bearing. One major ref. says: wallflower + bearing (?). cf. *Oncidium cheirophorum*.

Cheiropterocephalus: Barb.Rodr.1877. Noted to be for the flowers: hand + wing + head (?). syn. *Malaxis* Sol.ex Sw.

Cheirorchis: Carrière 1932: hand + orchid. Listed as alluding to the leaves. syn. *Cordiglottis* J.J.Sm.

Cheirostylis: Blume 1825: hand + see *style*: column. Listed as alluding to the lobed anther area of the column, likened to a hand. eg. *Cheirostylis ovata*. Noted as endemic to Aust.

cheirostyloides: see *Cheirostylis* + resembling. Noted the plant appearance was likened to a *Cheirostylis*. cf. *Hapalorchis cheirostyloides*.

chejuensis: from Cheju. Ref. **Cheju** city on the island of **Cheju**-do, Korean Archipelago. cf. *Habenaria chejuensis* Y.N.Lee & K.Lee 1998.

chekaense: listed for place name: from the Cheka River area, Pahang, Peninsula Malaya. cf. *Bulbophyllum chekaense* Carr 1932. syn. *B. puguahaanense*.

chelae: descwd.: claws, + ref. *chele*: claw, as that of a crustacean.

chelate: ref. *chele* + suffix, see *chelae*. Like a crab's claw. Having some organ (s), or part (s) that could be likened to a claw (+ forceps, or tongs). NB. Don't confuse this with a "claw" (as: talon, etc.), see *claw*, later listing.

chelidon: see *chela*, chelate + tooth (toothed, or teeth?). cf. *Oncidium chelidon*. syn. *O. ochmatochilum*.

Chelonanthera: Blume 1825: ref. *chelone*: tortoise (or, turtle) + anther. Noted the top of the column was likened to a tortoise's head. eg. *Chelonanthera speciosa*. syn. *Coelogyne speciosa*. Also, *Chelonanthera* is listed as syn. to *Pholidota* Lindl.

Chelonanthera: as last entry.= *Pholidota* section.

chelonion: lit.: tortoise-shell. cf. *Lepanthes chelonion*.

Chelonistele: Pfitzer 1907: tortoise + column. Possibly refs. to the anther. ex Borneo, eg. *Chelonistele lurida*.

chelseense: from Chelsea. There are many places with this name, the most likely is Chelsea, a suburb of London, Eng., for where it flowered in cultivation (?). cf. *Cypripedium* x *chelseense* Rchb.f. 1888 (syn.).

cheltenhamense: from Cheltenham (borough), central England. Perhaps for where it was flowered in cultivation (?). cf. *Dendrobium* x *cheltenhamense* auct. (syn.).

Chelyorchis: Dressler & N.H.Williams 2000: ref. *chelys*: a turtle, or tortoise + orchid. Noted as monotypic, ex Venezuela, etc., cf. *Chelyorchis ampliata*.

cheniae: listed for botanist and author, Sing-Chi Chen (b1931). ex Guizhou, China, cf. *Cypripedium cheniae* Torelli 1999.

cheraphila: ref. *cheras*: silt; alluvial soil + loves. cf. *Pterostylis cheraphila*. Noted as endemic to Vic., Aust.

chermozoni (+ *chermezoni*): listed for botanist and author, Henri Chermeson (1885-1939). ex Madagascar, cf. *Angraecum chermozoni* H.Perrier 1938.

chestermanii: listed for Eng. naturalist, David Chesterman (+ of). Noted as rare and endemic to Sardinia, Italy. cf. *Ophrys holoserica* ssp. *chestermanii* J.J.Wood 1982.

chevalieri: for orig.coll., phytologist Auguste Jean Baptiste Chevalier [+ of] (1873-1956), who also collected in Vietnam and environs. Descs. accr. to him are abbr. to: A.Chev. ex Ivory Coast, Africa, cf. *Angraecum chevalieri* Summerh. 1936. syn. *A. moandense*.

chevallieriana: may be an error, as it was orig. desc. as *Orchis* x *chevallieriana* E.G.Camus. Listed for botanist and author, François Fulgis Chevallier [+ belonging to] (1796-1840). Descs. accr. to him are abbr. to: Chevall. Noted as ex Britain, Germany and France, cf. x *Rhizanthra chevallieriana* (E.G.Camus) Soó 1966.

chevallieriana: see *chevallieriana*. ex France, cf. x *Orchiplatantthera chevallieriana* (E.G.Camus) E.G.Camus. syn. x *Rhizanthra chevallieriana*.

chiapasensis: for place name: from Chiapas. A few refs.: Chiapas state, Chiapas Highlands, Valle Central de Chiapas, Sierra Madre de Chiapas, all of sthn. Mexico. cf. *Encyclia chiapasensis* Withner & D.G.Hunt 1994.

chiapensis: from Chiapas state, Mexico. cf. *Stelis chiapensis* Solano 1993.

chibae: of Chiba. This species is listed as endemic to Vietnam, but can't locate a place called Chiba. There is Chiba, a major city of eastn. central Honshu island, Japan. Perhaps this is where it was flowered in cultivation (?). cf. *Phalaenopsis chibae* T.Yukawa 1996.

chica: can't precisely define "*chica*". Noted it's considered a local Spanish idiom for the plant. Don't know if this is relevant: found a ref. to "*chica*", as an orange-red dyestuff, extracted from plants of the family, *Bignoniaceae* (?). It's also possibly for a place name, see *chicana*. ex Panama to Peru, cf. *Selenipedium chica* Rchb.f.1854.

chicana: belonging to Chicá. Listed for place name ex Zamora Chinchipe Prov., Ecuador. cf. *Maxillaria chicana* Dodson 1994.

chicharrasensis: from Chicharras (village), Chiapas state, Mexico. cf. *Erythrodia chicharrasensis* Ames 1922. syn. *Microchilus luniferus*.

chidori: could be for a person's name, but also ref. Chidori, a town of Hiroshima-ken prefecture, Honshu, Japan. Noted as ex Korea and Japan, cf. *Orchis graminifolia* var.*chidori* (Soó) M.Hiroe 1971. syn. *Ponerorchis graminifolia*.

chidorii: of Chidori, see *chidori*. Listed as ex Honshu Island, Japan, cf. *Ponerorchis chidorii* (Makino) Ohwi 1936.

chiguindensis: from Chiguinda village, Morona Santiago Prov., Ecuador. cf. *Masevallis chiguindensis* Kraenzl.1925. syn. *M. leucantha*.

chihobensis: is listed for a place name: from Chihob (? , can't locate it), Alta Verapaz Department , Guatemala. cf. *Stelis chihobensis* Ames 1922.

chilanensis: for place name (+ from), only listed as ex Taiwan. Possibly ref. **Ch'i-lan**, a minor city, n.east Taiwan. cf. *Goodyera chilanensis* S.S.Ying 1995. syn. *G. foliosa*.

chilangensis: for place name: from Chilanga (village), on the Kafue River, sthn. central Zambia, Africa. cf. *Eulophia chilangensis* Summerh.1927.

chilapensis: for place name (+ from), only listed as ex Mexico. Noted, at least six towns, villages and cities named Chilapa. cf. *Laelia anceps* forma *chilapensis* Soto Arenas 1993. syn. *Laelia anceps*.

chilensis: from Chile. cf. *Spiranthes chilensis* A.Rich.1852. syn. *Brachystele unilateralis*.

x *Chilocentrum*: auct. On the syn. list (no further info.). cf. *Ascocentrum* x *Chiloschista*.

chiloglossa: lip + tongue. cf. *Platanthera chiloglossa*.

Chiloglottis: R.Br.1810: lip + tongue. Labellum is likened to a tongue (shape). Noted this genus has a remarkable habit, as after fertilization the pedicel elongates (see accrescent) from c10mm.(3/8") to 14cms.(5 1/2") long. That's an amazing 14 times its original length! eg. *Chiloglottis gunnii* Lindley 1840. Have seen this phenomenon in PM.PNG., but not as dramatic, with some vandaceous species and some like *Thrixspermum*. The first time I collected a small plant and it had unusually long slender capsules, I thought the flowers would have to be huge! Later when they did flower, even though they were lovely (and small), I felt robbed. Where were the monsters that the appearance of the capsule had promised? Have since learned, the length of the ovary is no criteria to flower size.

Chilopogon: Schltr.1912: lip + beard. syn. *Appendicula* Blume.

chilopsis: lip + appearance. cf. *Lepanthes chilopsis*.

Chiloschista: Lindley 1832: lip + ref. *schistos*: split; cleft; cloven. eg. *Chiloschista phyllorrhiza*. Found a very similar species at Berry Springs, Darwin, NT. The roots were short (compared to *Taeniophyllum*), a dark, dull greenish-grey, all radiating

from a minute central point, resembling some weird star-fish. There was quite a population of them growing on the sides (but, not on top), of the lower branches of an old Acacia tree and their colour blended almost perfectly with the bark. The inflo. was small, c3/4" (20mm) high, with minute white flowers.

chiloschistae: (those) with a cleft; split lip. cf. *Angraecum chiloschistae*. syn. *Microcoelia exilis*.

chimaera: ref. *chimaira*: lit., she-goat, + ex myth.: a fire breathing monster. In English (mostly): a foolish fancy; a thing of the imagination, or nightmares. cf. *Bulbophyllum chimaera*.

Chimaeroideae: *chimaera* + resembling. Noted, it was for those closely similar to *Masdevallia chimaera*. Now, cf. *Dracula chimaera*.

chimalapense: from Chimalapa. Listed as ex Mexico, noted a village and two towns in Oaxaca and Chiapas states. cf. *Epidendrum chimalapense* Hágsater & Salazar 1999.

chimanimaniense: from Chimanimani. There is a town, a N.Park and a mtn. range, of this name, all on, or near the Zimbabwe/Mozambique border, Africa. cf. *Angraecum chimanimaniense* G.Will.1996.

chimanimaniensis: as *chimanimaniense*. cf. *Disa chimanimaniensis* H.P.Linder 1999.

chimantense: for place name (+ from), only listed as ex Venezuela. cf. *Epidendrum chimantense* Hágsater & Carnevali 1993.

chimboensis: for place name (+ from), only listed as ex Ecuador. cf. *Masdevallia chimboensis* Kraenzl.1925.

chimborazoense: as *chimborazoensis*. cf. *Oncidium chimborazoense* Stacy 1975. syn. *Caucaea chimborazoensis* (Stacy) N.H.Williams & M.W.Chase 2001.

chimborazoensis: from Volcán Chimborazo (volcano), and/or Chimborazo state, Ecuador. cf. *Encyclia chimborazoensis* (Schltr.) Dressler 1971. syn. *Prosthechea fragrans*.

chimbuensis: for place name: from the Chimbu region, central highlands, PNG. cf. *Epiblastus chimbuensis* P.Royen 1979.

chimorensis: for place name (+ from), only listed as ex Bolivia. Noted two villages named Chimoré, one of Cochabamba, the other of Santa Cruz (Departments). cf. *Rodriguezia chimorensis* Dodson & R.Vásquez 1989.

chinense: from China. Whilst researching, noted a few species with this specep., where authors had advised that they were not "from China" at all. This was often a subterfuge used by mercenaries and unscrupulous owners, to prevent others from getting even the slightest clue as to the true location of commercially valuable species. Some examples: *Epidendrum chinense*, *Broughtonia chinensis*, *Barkeria chinensis*, etc., are listed as originating from tropical Mexico through to sth.America. Another occasion, noted, that "*chinense*, *chinensis*" can also denote: originating from the Chin Hills region, near Falam, Burma (Myanmar). One that actually does come from China, listed as ex Guangdong Prov., cf. *Bulbophyllum chinense* (Lindley) Rchb.f.1861.

chinensis: from China (+ see *chinense*). Noted as ex Guizhou Prov., cf. *Goodyera chinensis* Schltr.1919.

chingshuishania: lit., of Mount Ch'ing-shui (-*shania*: mountain + of), listed as ex eastn. central Taiwan. In this area, can only find Ch'ing-shui-chen (or, Ch'ing-shui), a minor city (?). cf. *Orchis chingshuishania* S.S.Ying 1988. syn. *Ponerorchis takasago-montana*.

chingshuishanianum: belonging to Mt.Ch'ing-shui, see *chingshuishania*. cf. *Dendrobium tosaense* var. *chingshuishanianum* S.S.Ying 1989. syn. *D. tosaense*.

chiogena: ref. *chionos*: snow + *-gena*: born; kind, etc. cf. *Myrosmodes chiogena*.

chionantha: ref. *chionos*: snow + flower. Because they're mainly "white". cf. *Cadetia chionantha*.

chionanthera: snow + anther. Listed as alluding to the column apex (as if) being snow capped. cf. *Cadetia chionanthera*.

chionanthum: as *chionantha*. cf. *Dendrobium chionanthum*. syn. *Cadetia chionantha*.

chionanthus: snow (: white) + flower. cf. *Gastrochilus chionanthus*. syn. *Schoenorchis micrantha*.

chioneoides: was probably compared to *Epidendrum chioneum* (with *-oides*: resembling, see next entry). cf. *Epidendrum chioneoides*.

chioneum: ref. *chionos*: snow + suffix: colour, or resembling. The beautiful flowers have lots of "white" and as it was named by Prof.Lindley (see *lindleyanum*), there could be a connection to a beautiful lady of Gk.myth. Ref. Chione (Snow Girl), daughter of Boreas, god of the north wind. cf. *Epidendrum chioneum* Lindley 1845.

chionodora: snow + ref. *doron*: gift. cf. *Myrmecophila chionodora*. syn. *M. galeottiana*.

chionopa: ref. *chionopos*: snow-like, and/or snow-white. cf. *Pleurothallis chionopa*.

chiovendaei: listed for botanist and author, Emilio Chiovenda (1871-1941). ex Africa, cf. *Disa chiovendaei* Schltr.1920.

chiquindensis: for place name (+ from). From among the many given locations, noted Chiquinda (village) of Cajamarca Department, Peru (?). cf. *Pleurothallis chiquindensis* F.Lehm.& Kraenzl.1899. syn. *P. gelida*.

chirensis: for place name (+ from), ex central Africa. By the distribution list, it may ref. to Chiri (village), central Nigeria (?). cf. *Habenaria chirensis* Rchb.f. 1881.

chiribogae: of Chiriboga (village), Pichincha Prov., Ecuador. cf. *Scelochilus chiribogae* Dodson 1980.

chiriquense: from Chiriquí Prov., Panama (?). + Ref. Volcán Barú (a volcano, aka. **Chiriquí**). cf. *Epidendrum chiriquense* Rchb.f.1852. syn. *Encyclia varicosa*.

chiriquensis: as *chiriquense*. cf. *Encyclia chiriquensis* (Rchb.f.) Schltr.1918. syn. *E. varicosa*.

chiriquiensis: as *chiriquense*. cf. *Lockhartia chiriquiensis* Schltr.1913. syn. *L. micrantha*.

chiroptera: ref. *cheiros*: hand + ref. *pteron*, *pteryx*: feather; wing. cf. *Dracula chiroptera*.

chiropterae: as *chiroptera* + of. cf. *Helonoma chiropterae*.

chirripoense: from Chirripo. May be for Chirripó Grande (mtn. peak) of Chirripo N.Park and/or ref. Bajo Chirripó, an archeological and anthropological reserve of Cartago Prov., Costa Rica. cf. *Epidendrum chirripoense* Hágsater 1993.

Chitonanthera: Schltr.1905: *chiton*: dress; robe; tunic + see anther. eg. *Chitonanthera tenuis*. syn. *Octarrhena tenuis*.

Chitonanthera: as last entry.= *Chitonanthera* and *Thelasis* sections.

Chitonochilus: Schltr.1905: ref. *chiton*: dress; robe; tunic + lip. syn. *Agrostophyllum*.
chitouensis: from Chitou (village), Guangxi Zhuang Autonomous Region, sthn. China. cf. *Taeniophyllum chitouensis* S.S.Ying. syn. *T. glandulosum*.
chittimae for place name (+ of), only listed as ex Thailand. cf. *Dendrobium chittimae* Seidenf.1997.
chlamydopus: see *chlamys* + like + footed. cf. *Pleurothallis chlamydopus*. syn. *P. ligulata*.
chlamys: descwd.: a cape; cloak; mantle; covering. Used in combwds. for any organ, or part alluding to the likeness. eg. *melanochlamys*: (like) a black cape.
chloe: at first I passed on this, as who was Chloe? Much later, found it could be just for "beauty". In Gk.myth., Chloe is noted as the beautiful goddess of the young green crops (esp. cereals), aka. Demeter, particularly the goddess of corn (+ ref. the Latin equiv.: Ceres). Also (ex Gk.), it's defined as: blooming; a green herb; green grass; a young cob of corn, etc. Or generally, for the first green shoots of any plant at springtime. cf. *Epidendrum chloe* Rchb.f.1856.
Chloidia: Lindley 1840: ref. *chloides*: green grass-like (+ see *chloe* + like?). eg. *Chloidia confusa*. syn. *Corymborkis veratrifolia*.
chloidophylla: green grass-like (+ see *Chloidia*) + *phylla*: leaf. cf. *Octomeria chloidophylla*.
chloidophyllum: as *chloidophylla*. cf. *Limodorum chloidophyllum*. syn. *Cephalanthera chloidophylla*.
chlor-, *chloro-*: ref. *chloros*: (a paler) green; green with a faint tinge of yellow (+ see *chlorinus*). Also, used in compwds. as a general word for "green".
chloracra: green + see *acro-*: at the top. cf. *Masdevallia chloracra*. syn. *M. striatella*.
Chloraea: Lindley 1827: ref. *khloraiia* (+ see *chlor-*): green. With Prof. Lindley's penchant for fanciful names, esp. of Gk.myth., have to include this ref.: of Chloris: goddess of flowers (Lat. equiv.: Flora). ex Chile and Argentina, eg. *Chloraea virescens* (: tending to, or becoming green).
chlorandrellus: green + male + dimin. cf. *Peristylus chlorandrellus*. Noted as endemic to Qld., Aust.
Chlorangraecum: green + *Angraecum*. = *Angraecum* section.
chlorantha: green + flower. cf. *Glossorhyncha chlorantha*. Noted as endemic to PNG.
chloranthella: green + flower + *-ella*: small, or dimin. (could be, a slightly green flower?). cf. *Platanthera chloranthella*. syn. *P. freynii*.
chloranthum: green + flower. cf. *Bulbophyllum chloranthum*.
chloranthus: green + flower. cf. *Peristylus chloranthus*. syn. *P. lacertifer*.
chlorascens: descwd.: green + suffix: lesser; becoming, or tending to (: greenish). Often can mean: shading from another colour, to green.
chlorascens: see last entry. cf. *Bulbophyllum chlorascens*.
chloreiformis: green + form. cf. *Spiranthes chloreiformis*. syn. *Schiedeella diaphana*.
chloriformis: green + form. cf. *Schiedeella chloriformis*. syn. *Deiregyne diaphana*.
chlorina: listed as a pale green, + see *chlorinus*. cf. *Habenaria chlorina*.
Chlorinae: those (being) "green" (+ of). Ref. to the flowers. = *Habenaria* section.
chlorinum: see *chlorinus*. cf. *Epidendrum chlorinum*.
chlorinus: a vague colour term: a slightly paler green.

chloris: green + suffix: resemblance. Or could be ref. Gk.myth., Chloris: goddess of flowers (Lat. equiv.: Flora), to express "beauty" (?). cf. *Trevoria chloris*.
chloroceras: green + horn. cf. *Habenaria chloroceras*. syn. *H. paivaeana*.
chlorochila: green + lip. cf. *Maxillaria chlorochila*. syn. *M. alpestris*.
chlorochilon: green + lip. Listed as esp. refs. to the shiny green base (speculum) of the lip. cf. *Cynoches chlorochilon*.
chlorocorymbos: green + cluster (? + see corymb). Ref. the umbellate inflo. cf. *Epidendrum chlorocorymbos*. syn. *Epidendrum umbelliferum*.
Chlorocorys: green + helmet; hood.= *Satyrium* section.
chlorocorys: green + helmet; hood. cf. *Satyrium chlorocorys*.
chloroglossum: green + tongue. cf. *Bulbophyllum chloroglossum*.
chlorogramma: green + letter(s); mark(s). cf. *Pterostylis chlorogramma*. Noted as endemic to Vic., Aust.
chloroleticum: green + hidden. cf. *Dendrobium chloroleticum*.
chloroleuca: green + white, although see *leuc-* which can indicate paleness. Maybe it's a paler green (?). cf. *Habenaria chloroleuca*. syn. *Platanthera bifolia*.
chloroleucum: as *chloroleuca*. cf. *Dendrobium chloroleucum*. syn. *D. subclausum*.
chloroleucus: as *chloroleuca*. cf. *Cyclopogon chloroleucus*. syn. *Sigmatosema polyaden*.
chloroneurum: green + nerves (veins). On the syn. list, cf. *Cypripedium x chloroneurum* Rchb.f. 1880.
chloropecten: green + comb. cf. *Habenaria chloropecten*.
chlorophaea: green + see *phae-*: dark, or dusky. cf. *Coelogyne chlorophaea*.
chlorophrys: green + ref. *ophrys*: eyebrow. cf. *Malaxis chlorophrys*.
chlorophyll: complete books have been written on this subject. Suffice to say: the green areas in stems, leaves, etc. The primary areas where the plant's nourishment is manufactured in the process of photosynthesis. See this entry + see chloroplasts.
chlorophyllum: green + leaf. cf. *Paphiopedilum concolor* ssp. *chlorophyllum*. syn. *P. concolor*.
chloroplasts: minute bodies which contain the chlorophyll, in the epidermal cells of the chlorophyll areas. They do most of the work involved in photosynthesis. eg. "...chloroplast-bearing roots..." (very simply: they are green, but only on top). + See carbohydrates, osmosis, phloem, xylem, etc.
chlorops: green + eyed. Ref. the green spots of the sepals and petals. cf. *Ada chlorops*.
chloroptera: green + see *pter-*: wing(s), etc. cf. *Coelogyne chloroptera*.
chloropterum: as *chloroptera*. cf. *Bulbophyllum chloropterum*.
chlororhizum: green + *-rhizum*: see *rhiza*, can be for a rhizome, or root(s). cf. *Campylocentrum chlororhizum*.
chlororhopalon: green + club(s). Ref. the paleae at the petal stumps. cf. *Bulbophyllum chlororhopalon*.
Chlorosa: Blume 1825: green + suffix, see *-osa*: full of, etc.: fully, or completely green. syn. *Cryptostylis* R.Br.
chlorosantha green + flower. ex Bhutan, cf. *Vanda chlorosantha*.
chlorosepala: green + sepal. cf. *Habenaria chlorosepala*.

chlorosis: a yellowing of organs, or parts that should be green, indicating a loss of chlorophyll. Often a sign of illness, stress or disease, but may also be natural, as with deciduous leaves and old age of back-bulbs, or stems. See it in roots and it's probably too late! + Ref. chlorotic: the state, or condition of chlorosis.

chlorostachys: green + spike. cf. *Bulbophyllum chlorostachys*. syn. *B. propinquum*.

chlorosticta: green + dots. cf. *Chloraea chlorosticta*. syn. *C. virescens*.

chlorostyla: as *chlorostylum*. cf. *Caladenia chlorostyla*. Noted as endemic to NZ.

chlorostylum: green + see style (: pillar; column). cf. *Dendrobium chlorostylum*.

chlorostylus: as *chlorostylum*. cf. *Petalochilus chlorostylus*. syn. *Caladenia chlorostyla*.

chlorotica: I thought, "to do with a green place?", wrong! See *chloroticus*. cf. *Habenaria chlorotica*. syn. *H. filicornis*.

chloroticus: listed as a vague colour term: belonging to green. Not quite "green"; greenish. Or, could be: almost green. + See chlorosis (chlorotic).

chloroxantha: green + see *xanth-*: a yellowy-brown. cf. *Liparis chloroxantha*. syn. *L. stricklandiana*.

chocoana: belonging to Chocó, see *chocoensis*. cf. *Scaphyglottis chocoana* I.Bock. syn. *S. longicaulis*.

chocoensis: from Chocó Department (admin. division), Colombia. cf. *Lockhartia chocoensis* Kraenzl.1923.

choconiana: for place name: belonging to Chocón (village), Izabal Prov., Guatemala. cf. *Pleurothallis choconiana* S.Watson 1888. syn. *P. grobyi*.

chodatii: listed for phytologist and author, Robert Hippolyte Chodat (1865-1934). Only noted as ex Europe, cf. x *Gymplatantthera chodatii* (Lendn. ex Schroet.) E.G.Camus, Bergon & A.Camus 1908.

Choeradoplectron: Schauer 1843. Listed as ref. *choerados*: scrofula, with no further info. Ref. *scrofa*: lit., a breeding sow (fem. pig) + dimin.+ see *plectro-*: spur, or point, etc. Ref. the labellum lobes, likened to a sow's nipples (albeit, very small). syn. *Habenaria* Willd. Trivium: another ref. to scrofula is for a plant of the figwort family, *Scrophulariaceae* (not orchids and not involved in this entry).

choerorhyncha: ref. *choiros*: pig + snout. cf. *Pleurothallis choerorhyncha*.

chogoncolonchense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum chogoncolonchense* Hágsater & Dodson 1993.

cholilensis from Cholila, a town of Chubut Prov., westn. Argentina. cf. *Chloraea cholilensis* Speg.& Kraenzl.1903. syn. *C. alpina*.

chondr-, *chondro-*: used in combwds., ref. *chondros*: cartilage; sinew; grain; small lump. Can also infer: flexible, yet still hard and tough.

Chondradenia: Maxim.ex Makino. See *chondr-*+ see *aden* + of. syn. *Orchis* Tourn.ex L.

chondradenia: see *chondr-*+ see *aden* + of. cf. *Orchis chondradenia*.

x *Chondranthes*: auct. On the syn. list (no further info.) cf. ***Chondrorhyncha*** x ***Cochleanthes***.

chondranthum: see *chondr-*+ flower. cf. *Epidendrum chondranthum*. syn. *Oerstedella exasperata*.

chondriophorum: see *chondr-*+ see *-phora*: bearing. cf. *Bulbophyllum chondriophorum*.

x *Chondrobollea*: auct. On the syn. list (no further info.). cf. ***Bollea*** x ***Chondrorhyncha***.
chondrochilum: see *chondr*-+ lip. cf. *Epidendrum chondrochilum*. syn. *Prosthechea livida*.
chondroideus: descwd., see *chondr*-+ suffix: resembling. Similar to English, cartilaginous.
Chondrorhyncha: Lindley 1846: see *chondr*-, here probably: cartilage + ref. *rhynchos*: snout; beak. Ref. the rostellum. ex Colombia to Venezuela, eg. *Chondrorhyncha rosea*.
Chondroscaphe: (Dressler) Senghas & G.Gerlach 1993: see *chondr*-+ see *scaphe*-: small shallow vessel; basin; shovel, etc. ex Panama, eg. *Chondroscaphe eburnea*.
chondylobolbon: see *condyl*-,+ ref. *k(h)ondylos*: knuckle; knob; joint, etc. + *bulb*; swelling. Refs. to the stalked pseudobulbs. cf. *Prosthechea chondylobulbon*.
choneana: listed for place name (+ belonging to). From the given location, may ref. to Chon (village), central Myanmar (?). cf. *Eria choneana* Kraenzl.1887. syn. *E. biflora*.
chontalensis: for the Department of Chontales (+ from), central sthn. Nicaragua. cf. *Masdevallia chontalensis* Rchb.f.1878.
chordiforme: rope, or heavy twine + shape; form. cf. *Dendrobium chordiforme*.
chordiformis: as *chordiforme*. cf. *Dockrillia chordiformis*. syn. *Dendrobium chordiforme*.
choriantha: ref. *choris*: separate; apart + flowers. cf. *Stelis choriantha*.
Choriostachys: ref. *choris*: free; apart; separate + ref. *choristos*: separated, + *stachys*: spike.= *Liparis* section.
chorisiana: listed for Russian artist, Louis Choris [+ belonging to] (1795-1828). Has a wide distribution, noted as ex eastn. Russia, nthn. Japan and Washington state, USA., cf. *Platanthera chorisiana* (Cham.) Rchb.f.1851.
chorisianum: as *chorisiana*. cf. *Pseudodiphyllum chorisianum* (Cham.) Nevski 1935. syn. *Platanthera chorisiana*.
chorisianus: as *chorisiana*. cf. *Peristylus chorisianus*. syn. *Platanthera chorisiana*.
chorista: ref. *choristos*: separated; apart. cf. *Lepanthes chorista*.
choroniensis: listed for place name: from the Choróní Road, Henri Pittier N.Park area (of interest, see *Pittierella*), Aragua state, Venezuela. Also noted Choróní (village), near the north coast of Aragua. cf. *Pleurothallis choroniensis* Schnee 1952. syn. *Pleurothallis cardiostola*.
chortophyllum: ref. *chortos*: grass + leaf. cf. *Epidendrum chortophyllum*.
Christensonia: Haager 1993: see *christensonianum*. eg. *Christensonia vietnamica*. Noted as monotypic ex Vietnam.
christensonianum: belonging to Christenson. Listed for phytologist and author, Eric A.Christenson. ex Vietnam, cf. *Ascocentrum christensonianum* Haager 1993.
christensonii: see *christensonianum*. ex Peru, cf. *Cynoches christensonii* D.E.Benn.1998.
christianii: listed for botanist, Hugh Basil Christian (1871-1950). ex Minas Gerais state, Brazil, cf. *Habenaria christianii* Schltr.1921.
christii: listed for botanist and author, Konrad Hermann Heinrich Christ (1833-1933). ex the trop. sth. Americas, cf. *Epidendrum christii* Rchb.f.1877. syn. *Prosthechea vespa*. + See next entry.
christii: see last entry, for the same man (?). On the syn. list and noted as ex Italy, cf. *Orchis* x *christii* G.Keller.

christobalense: as *christobalensis*. cf. *Camaridium christobalense* (Rchb.f.) Hoehne 1947. syn. *Maxillaria christobalensis*.

christobalensis: listed for place name (+ from). By the given locations, the only one that seems to fit, is Cristóbal (village), Piura Department, n.west Peru. cf. *Maxillaria christobalensis* Reichb.f.1852.

christophersonii: listed for orig.coll., phytologist Erling Christopherson (b1898), who collected in the SE.Asia region. Descs. accr. to him are abbr. to: Christoph. cf. *Agrostophyllum christophersonii* L.O.Williams.

christyana: as *christyanum*. ex Bolivia, cf. *Prosthechea christyana* (Rchb.f.) Garay & Withner.

christyanum: belonging to Christy. For noted grower, Thomas Christy of Sydenham, Eng. ex China to Indo-China, cf. *Dendrobium christyanum* Rchb.f.1882.

Chromatodesme: ref. *chromatos*: colour (esp. of the skin) + *desmis*: bundle; package. Ref. the sheathing bracts of the raceme, usually a paler red, or whitish.= *Appendicula* section.

chromatology: the science and study of colours.

Chromatotriccum: M.A.Clem.& D.L.Jones 2002. Ref. *chromatos*: colour (esp. of the skin) + ref. *triccus*, *trikkos*: a small bird. syn. *Dendrobium* Sw.

Chroniochilus: J.J.Sm.1918: ref. *chronos*: of time (+ ref. *chronios*: lasting) + lip. It's to do with the long lasting flowers, esp. the lip. ex Borneo, etc., eg. *Chroniochilus minimus*.

chronodora: ref. *chronos*: of time or, *chronios*: lasting + ref. *doron*: gift. cf. *Myrmecophila chronodora*.

chrys-, *chryso-*: used in compwds.: gold; golden. Implies a pure golden yellow, or for something to do with gold. Ref. *chrysos*: gold.

chrysantha: golden + flower. cf. *Diuris chrysantha*. Noted as endemic to eastn. Aust.

chrysanthum: golden + flower. cf. *Dendrobium chrysanthum*.

chrysanthus: golden + flower. cf. *Sarcophilus chrysanthus* Schltr.1913. Noted as endemic to New Guinea.

chrysea: of gold; golden. *Ponerorchis chrysea*.

chrysellus: a vague colour term: golden + suffix: dimin.: a paler gold; slightly golden (?).

chryseopsis: golden + appearance. cf. *Diuris chryseopsis*. Noted as endemic to s.east Aust.

chryseum: gold + suffix: like gold; golden. cf. *Dendrobium chryseum*.

chryseus: colour term: golden; like gold. + See *chrys-*.

chrysina: gold + like, or for the colour. cf. *Lepanthes chrysina*.

Chrysobaphus: Wall.1826: golden + dyed, ref. *baphikos*: of dyeing. Refs. to the gold veining of the leaves. syn. *Anoetochilus* Blume.

chrysobractea: gold + bracts. cf. *Eria chrysobractea*. syn. *E. truncata*.

chrysobracteata: gold + see bracteate: bracted, etc. cf. *Eria chrysobracteata*. syn. *E truncata*.

chrysobulbon: gold + bulb. cf. *Dendrobium chrysobulbon*.

chrysocardia: gold + heart. cf. *Eria chrysocardia*.

chrysocephalum: gold + ref. *kephale*: head. cf. *Dendrobium chrysocephalum*. syn. *D. bullenianum*.

chrysochaete: gold + bristle(s). cf. *Masdevallia chrysochaete*. syn. *M. strumifera*.
chrysochilum: gold + lip. cf. *Bulbophyllum chrysochilum*.
chrysochlora: gold + green. cf. *Chloraea chrysochlora*. syn. *C. lechleri*.
chrysocraspedus: descwd.: with golden edges; margins. This was in a description and ref. to the labellum. See *chrys-*: gold + ref. *kraspedon*: edge; margin; border.
chrysocrates: *chryso-* + *crates*: golden + basin; bowl; dish. cf. *Telipogon chrysocrates*.
chrysocrepis: gold + ref. *kreps*: boot; shoe. Ref. the labellum. cf. *Dendrobium chrysocrepis*.
Chrysocynnis: Linden & Rchb.f.1854: golden + ref. *kyknos*: swan. Alluding to the flowers. ex Venezuela, eg. *Chrysocynnis schlimii* Linden & Rchb.f.
chrysocynoides: gold + swan + resembling. cf. *Maxillaria chrysocynoides*.
chrysodipterum: golden + two + wings: two golden wings. The petals, being at almost 90°, are mostly golden yellow and are like wings sticking out. cf. *Oncidium chrysodipterum*. syn. *Cyrtochilum tetracopis*.
chrysodorus: golden + ref. *doron*: gift. ex Papua, Indon., cf. *Spathoglottis chrysodorus*.
chrysoglossa: gold + tongue. cf. *Restrepia chrysoglossa*.
Chrysoglossella: Hatus.1967: gold + tongue + small. Or, may have been likened to a small *Chrysoglossum* (?). syn. *Hancockia Rolfe*.
chrysoglossoides: gold + tongue + resembling. cf. *Calanthe chrysoglossoides*.
Chrysoglossum: Blume 1825: gold + tongue. ex Nepal to New Guinea, Fiji, Samoa, etc., eg. *Chrysoglossum ornatum*.
chrysoglossum: gold + tongue. The golden-orange labellum is a beautiful contrast to the pinks and reds of the other floral segments. cf. *Dendrobium chrysoglossum*. syn. *D. obtusum*.
chrysoglossus: gold + tongue. cf. *Hapalochilus chrysoglossus*. syn. *Bulbophyllum chrysoglossum*.
chrysographata: gold + ref. *graphe*: writing; drawing + suffix: like; having (“written in gold”). cf. *Flickingeria chrysographata*.
chrysographatum: as *chrysographata*. cf. *Dendrobium chrysographatum*. syn. *Flickingeria chrysographata*.
chrysolabium: gold + lip. cf. *Dendrobium chrysolabium*. syn. *D. bracteosum*. Pers.coll. ex PM.PNG., see notes at *bracteosum*.
chrysoleuca: gold + white, or see *leuc-* (: pale gold?). cf. *Calanthe chrysoleuca*.
chrysomelanum: gold + “black”. Flowers are yellow with dark brownish-red blotches. cf. *Odontoglossum chrysomelanum*.
chrysomelas: gold + see *mela-*: blackened. Noted, the tepals are dark red-brown with yellow margins. cf. *Sarcanthus chrysomelas*. syn. *Cleisostoma racemiferum*.
chrysomorphum: golden + form. cf. *Oncidium chrysomorphum*.
chrysoneura: gold + nerves (veins). cf. *Masdevallia chrysoneura*. syn. *M. affinis*.
chrysoplectrum: gold + point; spur. cf. *Saccolabium chrysoplectrum*. syn. *Eparmatostigma dives*. Noted as monotypic in Vietnam.
chrysops: golden + face, or eyed (? see *-ops*). cf. *Eulophia chrysops*.
chrysoptera: gold + wing(s). cf. *Lycaste chrysoptera*. syn. *L. deppei*.
chrysopteranthum: gold + wing + flower, or see anther (?). cf. *Oncidium chrysopteranthum*.

chrysopterum: gold + wing. cf. *Oncidium chrysopterum*.

chrysopyramus: gold + pyramid. Alluding to the shape and colour of the raceme. cf. *Oncidium chrysopyramus*. syn. *Oncidium pyramidale*.

chrysorapis (+ have noted it as: *chrysorhapis*, *chrysoraphis*): gold + ref. *rapum*: turnip, or ref. *rhaphis* : needle, or *rhapis*: rod; stick (?). This was listed as such in a book I was working on, but by the “correct name” (*Oncidium cornigerum*), *chrysorapis* is probably an error and it should be either ref. *rhaphis*, or *rhapis* (?). cf. *Oncidium chrysorapis*. syn. *O. cornigerum*. + See next entry.

chrysorhapis: is the official listing: gold + rod; stick (+ see *chrysorapis*). cf. *Oncidium chrysorhapis*. syn. *O. cornigerum*.

chrysornis: gold + ref. *ornare*: to furnish; dress; embellish, etc.+ Noted, it’s also listed as one word, freely trans.: “dressed in gold”. cf. *Dendrobium chrysornis*. syn. *D. dekokkii*.

chrysosema: gold + ref. *sema*: sign; mark. Ref. gold spots on the lip. cf. *Dendrobium chrysosema*.

chrysosepala: gold + sepal(s?). cf. *Lepanthes chrysosepala*. syn. *Pleurothallis arcuata*.

chrysostachya: gold + ref. *stachys*: spike. cf. *Disa chrysostachya*.

chrysostachys: gold + spike (raceme). cf. *Eria chrysostachys*. syn. *E. merapiensis*.

chrysostachyum: gold + spike. cf. *Satyrium chrysostachyum*. syn. *S. coriifolium*.

chrysostigma: gold + see stigma. cf. *Lepanthes chrysostigma*.

chrysostoma: as *chrysostomum*. cf. *Gomesa chrysostoma*. syn. *G. laxiflora*.

chrysostomum: gold + ref. *stoma*: mouth; opening. cf. *Epidendrum chrysostomum*. syn. *E. ibaguense*.

chrysotainia: as *chrysotainium*. cf. *Ceraia chrysotainia*. syn. *Dendrobium chrysotainium*.

chrysotainium: gold + see *taeni*:- ribbon; strap, etc. + of. Ref. the labellum. cf. *Dendrobium chrysotainium*.

chrysotaxa: gold + type; kind, etc. cf. *Cattleya chrysotaxa*. syn. *C. aurea* (: golden).

chrysotes: gold + suffix: the feature. Flowers are mostly yellow. cf. *Bulbophyllum chrysotes*.

chrysothyrsus: gold + see *thyrs*:- staff, etc. Probably ref. the inflo. cf. *Oncidium chrysothyrsus*.

chrysotis: gold + ref. *otos*: ear. cf. *Dendrobium chrysotis*. syn. *D. hookerianum* Lindley.

chrysotoxa: as *Chrysotoxa*. cf. *Callista chrysotoxa*. syn. *Dendrobium chrysotoxum*.

Chrysotoxa: gold + ref. *toxon*: bow; arch. Refs. to the raceme: a golden arch. syn.

chrysotoxum: see *Chrysotoxa*. cf. *Dendrobium chrysotoxum*.

chrysotropis: gold + ref. *tropidos*: keel (see “K”). cf. *Diplocaulobium chrysotropis*. Pers.coll., common ex PM.PNG. Never seems to stop flowering and a large mat is spectacular. The lovely perfume is also a bonus.

chuen-lan: from a Chinese friend, the closest I can get is: it’s anglicised Chinese, *chu* + *en*: comes up, or presents from the ground + *lan*: orchid (+ see *lan*). cf. *Cymbidium chuen-lan* C.Chow 1968. syn. *Cymbidium goeringii*.

chuhensis: for place name (+ from), only listed as ex Turkey. cf. *Dactylorhiza chuhensis* Renz & Taubenheim 1984. syn. *D. umbrosa*.

chungthangensis: for place name (+ from), only listed as ex Sikkim, India. cf. *Liparis chungthangensis* Lucksom 2004.

chunii: listed for botanist and author, Woon-Young Chun (b1889). ex China, cf. *Pleione chunii* C.L.Tso 1933.

chuquiribambae: of Chuquiribamba (village), Loja Prov., Ecuador. cf. *Pleurothallis chuquiribambae* Kraenzl.1930. syn. *Ponthieva sylvicola*.

churunense: from Churún. Could ref. to the very famous Angel Falls (**Churún**-Merié), and/or of the river itself (Rio **Churún**), Bolivar state, Venezuela. cf. *Epidendrum churunense* Garay & Dunsterv.1965.

chuscalica: belonging to Chuscal, only listed as ex Colombia. Noted quite a few places (villages) with this name. cf. *Pleurothallis chuscalica* Luer 1999.

chuspipatae: of Chuspipata (village), La Paz Department, Bolivia. cf. *Masdevallia chuspipatae* Luer & Teague 1994.

Chusua: Nevski 1935. syn. *Ponerorchis* Rchb.f. Most refs. say it's a local name for the plant, or reported as likened to *Orchis chusua* (?). ex India and Nepal, eg. *Chusua donii* Nevski. syn. *Ponerorchis chusua* (D.Don) Soó.

chusua: see *Chusua*. cf. *Orchis chusua* D.Don. syn. *Ponerorchis chusua*.

chuxiongensis: from Chuxiong city, central Yunnan Prov., China. cf. *Phalaenopsis chuxiongensis* F.Y.Liu 1996. syn. *P. hainanensis* T.Tang & F.T.Wang 1974.

x *Chyletia*: auct. On the syn. list, without further info. cf. *Bletia* x *Chysis*.

Chysis: Lindley 1837: melting; molten. Refs. to the fused pollinia of the (selfing) flower. ex Mexico, eg. *Chysis addita*.

Chytroglossa: Rchb.f.1863: ref. *chytrós*: an earthenware jar, or pot + tongue. ex Brazil, eg. *Chytroglossa aurata*.

cilentana: listed as: belonging to Cilento (region), s.west Italy. cf. *Ophrys cilentana* Devillers-Tersch.& Devillers 2000. syn. *O. exaltata*.

cilia: (pl.): ref. *cilium*: eyelash. Very fine hairs, or hair-like parts, around margins of an organ, or part. The entry is plural, as there are always many more than one.

ciliare: see *cilia* + see *-are*: of, etc. cf. *Epidendrum ciliare*.

ciliaris: as *ciliare*. Ref. marginal hair of sepals and lip. cf. *Trichosalpinx ciliaris*.

ciliata: see *ciliate*. cf. *Pterostylis ciliata*. Noted as endemic to West.Aust.

ciliate: see *cilia* + suffix: like, or having *cilia*; likened to eyelashes; fringed with fine hair.

ciliatilabellum: see *ciliate* + lip, or edge (? , see *labrum*). cf. *Dendrobium ciliatilabellum*.

ciliatilabrum: *ciliate* + lip, or edge (see *labrum*). cf. *Bulbophyllum ciliatilabrum*.

ciliatoides: see *ciliate* + resembling. Or, may have been likened to *Bulbophyllum ciliatum* (? + *-oides*). cf. *Bulbophyllum ciliatoides*. syn. *B. membranaceum*.

ciliatulum: see *ciliate* + suffix: dimin. cf. *Oncidium ciliatulum*. syn. *O. barbatum*.

ciliatum: see *ciliate*. cf. *Bulbophyllum ciliatum*.

ciliatus: see *ciliate*. cf. *Sarcochilus ciliatus*. syn. *Biermannia ciliata*.

cilicica: listed as Lat'd. spelling for place name: belonging to *Cilicia*: an ancient region, now of sthn. Turkey. cf. *Dactylorhiza cilicica* (Klinge) Soó 1960. syn. *D. osmanica*.

ciliferum: see *cilia* + see *-fer*: bearing. cf. *Dendrobium ciliferum*. syn. *D. venustum*.

cilifolia: hair + leaf. cf. *Achroanthes cilifolia*. syn. *Malaxis monophyllos*.

ciliicampa: of hairs + bend, or curve (: bent, or curved hairs?). cf. *Lepanthes ciliicampa*.

ciliifera: of hair + bearing. cf. *Pleurothallis ciliifera*.

ciliilabia: see cilia + of + lip. cf. *Cranichis ciliilabia*.

ciliipetalum: see cilia + of + petals. cf. *Bulbophyllum ciliipetalum*.

ciliipetalus: see cilia + petals. cf. *Epidanthus ciliipetalus*. syn. *Epidendrum flexuosissimum*.

ciliisepala: see cilia + of + sepal(s?). cf. *Lepanthes ciliisepala*.

cilioglossum: see cilia + tongue. cf. *Bulbophyllum cilioglossum*. syn. *B. radicans*.

ciliolare: see cilia + -are: of, etc. cf. *Paphiopedilum ciliolare*.

ciliolaris: as *ciliolare*. cf. *Cordula ciliolaris*. syn. *Paphiopedilum ciliolare*.

ciliolata: see ciliolate. cf. *Oberonia ciliolata*.

ciliolate: see ciliate with the added dimin.: like, or having small, or fine cilia.

ciliolatum: see ciliolate. cf. *Bulbophyllum ciliolatum*.

ciliolatus: see ciliolate. Ref. the leaves and bracts. cf. *Peristylus ciliolatus*. Noted as endemic to New Guinea.

ciliosa: see cilia + -osa: with many cilia. cf. *Habenaria ciliosa*.

cimex: a bug (insect). cf. *Myoxanthus cimex*.

cimiciferum: ref. *cimicis*: a bug + see -fer: bearing. cf. *Cyrtorchilum cimiciferum*.

cimicina: bug-like, probably for the "perfume", as note the correct name and see *coriophora*. cf. *Orchis cimicina*. syn. *Anacamptis coriophora*.

cimicinum: cf. *Bulbophyllum cimicinum* J.J.Verm.1982. Ref. *cimicis*: a bug + see -ina: like, etc. I was amazed at the publishing date of this one + an author's comment as, "very rare"! In PM.PNG., our nickname for it was the "insect Bulbo.", as it does look as if it has a fat furry insect in the centre of the flower, formed by the column, lip, paleae and warty growths. A charming little flower, but the plant is a large pendulous untidy mess and is purely a "botanical". In the late '60s found them rather common from many locations and would pass on them, as I had one happily growing in my bush-house.

cimiferum: a contraction of *cimicis*: a general word for a bug + see -fer: bearing. cf. *Oncidium cimiferum*. syn. *Cyrtorchilum cimiciferum*.

Cinchona (or *Chinchona*): L. Did a separate entry, as have had to ref. to it quite a few times. Listed as evergreen trees, orig. found ex Peru and Ecuador and now farmed world-wide. From the bark, once known as "Peruvian bark", the wonder drug Quinine is extracted and used to combat the deadly trop. disease of Malaria and is noted as one of the most important medicines of botanical origin, ever discovered. Noted the genus *Cinchona*, was named for the Countess of Chinchon (or Cinchon) of Peru, wife of a Spanish Viceroy, who was reputed to have been one of the first (recognized) to have been cured c1638. *Cinchona* is of the madder family, *Rubinaceae* and has flowers likened to a lilac. In the world-wide tropics, forests are being clear-felled, not just for building material, paper pulp, etc., but esp. for charcoal to feed furnaces for manufacturing. Over many decades this has occurred at the sickening rate of about 12 hectares (c30 acres) per **minute**, of every day! Noted a couple of other horrible statistics: in Brazil, over three recent years (to 2001), the **Amazon** region has **lost c67,000 sq.km.** of rain forest (that's

virtually the size of Tasmania, Aust.!). In Costa Rica, it's reported, over one million hectares (that's c2 1/2 million acres) of forest disappeared between 1950-'73. Who knows how many other similar wonderful discoveries (to Cinchona) have been forever lost from this dreadful degradation. I felt physically ill when I read this, OK. the world has to have timber, but **charcoal!** I'm not a tree-hugging greenie, but somehow, **DEFORESTATION MUST STOP!**

cinciatum: curled; having curls. cf. *Bulbophyllum cinciatum*.

cincinnata: ref. *cincinnatus*: like, or having curls.+ Can be for curly hair. cf. *Lepanthes cincinnata*.

cincinnatum: as *cincinnata*. Ref. the curly floral segments.cf. *Dendrobium cincinnatum*. syn. *D. chalmersii*.

cincinum: ref. *cincinnus*: curled; curled hair. cf. *Cirrhopetalum cincinum* var. *purpureum*. syn. *Bulbophyllum corolliferum*.

cinctum: belt; girdle,+ ref. *cinctus*: girding; surrounded; encircled. cf. *Odontoglossum cinctum*.

cineraceus: a colour term: ash-grey; paler than *cinereus*.

cinerascens: see *cinereus* + tending to; becoming. cf. *Phalaeniopsis amabilis* var.*cinerascens*. syn. *P. amabilis* ssp.*moluccana* (Schltr.) Christenson 2001.

cinerea: see *cinereus*. cf. *Orchis cinerea*. syn. *O. militaris*.

cinereobrunneum: ashy; ash-grey + brown. cf. *Cyrtorchilum cinereobrunneum*.

cinereophila: ash(-es) + loves. Was found growing in volcanic ash (?). Or, could also be: loves (being) grey (ashy, see *cinereus*). cf. *Ophrys fusca* ssp.*cinereophila*.

cinereum: see *cinereus*. cf. *Dendrobium cinereum*.

cinereus: a colour term: a mid grey; ash-grey; ashen.

cinereus: as *cinereus*. cf. *Eurycaulis cinereus*. syn. *Dendrobium cinereum*.

cinericus: a colour term, same as *cineraceus*: ash-grey. + See *cinereus*.

cingens: ex *cingo*: gird; surround +suffix: encircling; surrounding, etc. cf. *Lepanthes cingens*.

cingillum: listed as the dimin. of *cingulum*, see *cingulata*.. cf. *Epidendrum cingillum*. syn. *E. propinquum*.

cingulata: ref. *cingulum*: encircling band; girdle; zone (see zoned); broad belt + like; having. cf. *Polystachya cingulata*. syn. *P. foliosa*.

cinnabarina: see *cinnabarinus*. cf. *Liparis cinnabarina*.

cinnabarinum: see *cinnabarinus*. cf. *Dendrobium cinnabarinum*.

cinnabarinus: a colour term: vermilion; a pure scarlet red with a faint trace of orange. + Ref. Lat., *cinnabaris*, and Gk., *kinnabari*: listed as, the red ore of mercury: mercuric sulphide.

cinnabarinus: see last entry. cf. *Elleanthus cinnabarinus*.

cinnameus: descwd., seen in descriptions: a cinnamon-like perfume.

cinnamomea: ref. *kinnamomon*: cinnamon. Could be for either a colour, or a perfume (?). + See *cinnameus*, *cinnamomeus*. cf. *Coelogyne cinnamomea*. syn. *C. trinervis*.

cinnamomeum: see *cinnamomeus*. cf. *Epidendrum cinnamomeum*. syn. *Encyclia pterocarpa*.

cinnamomeus: a vague colour term, likened to cinnamon: a light yellowish-brown.

Cionisaccus: Breda 1827: ref. *kion*: column; pillar + *sakkos*: bag; pouch, etc. syn. *Goodyera* R.Br. Trivium: I was side-tracked with this by “cion”: noted as a word used by horticulturists for a bud, or small branch cut for grafting (ex *kion*?) but, in this instance is not relevant.

cipitis: used in combwds., reported as a contraction of *capitatus*; having, or like a head. eg. *multicipitis*: many headed.

cipoana: belonging to Cipó, see *cipoensis*. cf. *Cleistes cipoana* Hoehne 1939.

cipoense: as *cipoensis*. cf. *Bulbophyllum* x *cipoense* Borba & Semir 1998. A reported natcross of *B. involutum* x *B. weddellii*.

cipoensis: for place name: from the Serra do Cipó (N.Park), Minas Gerais state, Brazil. cf. *Constantia cipoensis* Porto & Brade 1935.

circa: cf. *circa*: about; around. Can imply: near; in the vicinity of, etc. Also used when not certain, or definite. I mostly abbr. it to c, others to c., or ca. eg. c1836, c3mm.

circaea: had many strange ideas for this, until I found it refs. to: *kirkaia*, orig. for a particular herb-like plant. Now, listed as a genus (*Circaea* L.), a weed of the evening primrose family: *Onagraceae*. The comparison was to the plant, not the flowers. ex New Guinea, cf. *Malaxis circaea* (Ridl.) P.F.Hunt 1970.

circaeum: as *circaea*. cf. *Crepidium circaeum*. syn. *Malaxis circaea*.

circe: a fanciful specep. for “beauty” (?). Or possibly, may also be “scary”. Taken from Gk.myth., ref. *Kirke* (Circe): a very beautiful sorceress who had the power to turn people into beasts (the daughter of the sun god Helios and a sea goddess, Perse). cf. *Dracula circe* Luer & R.Escobar 1981.

circinata: see *circinate*. cf. *Barbosella circinata*.

circinate: ex *circinare*: to make round. For us, ref. *circinatus*: coiled into a tight spiral. + Can be: rolled from the top downwards to form a coil.

circinatum: see *circinate*. cf. *Epidendrum circinatum*.

circinatus: descwd., see *circinate*.

circularis: as in English: circular. cf. *Lepanthes circularis*.

circum-: used in combwds., ref. *circum*: about; (completely) around; on all sides, etc.

circumboreal: *circum*: around + *boreal* (see *borealis*): northern. Noted the word in ref. to distribution: (completely) around the northern hemisphere.

circumflexa: round; about + ref. *flexus*: bend; bent. cf. *Disperis circumflexa*.

circumplexa: around; about + ref. *plexus*: braided; twined; plaited. cf. *Pleurothallis circumplexa*.

circumpolar: encircling either of the earth’s polar caps.

circumsepta: round; about + ref. *septum*: enclosure; fence; partition. Ref. the column lobes. cf. *Thelymitra circumsepta*. Noted as endemic to s.east Aust.

circumvallate: enclosed; encircled with, or surrounded by some organ, part, or structure likened to a wall, or rampart, etc., creating a depression (valley).

cirratus: descwd., ref. *cirrus*, *cirrhus*: a curl (of hair) + like; having. + Can ref. to some part likened to a tendril. Terminating in a wavy, or curled tendril-like projection.

cirrh-: used in combwds., see *cirri*.

Cirrhaea: Lindley 1825: ref. *cirrhous*: a curl; tendril + of. Ref. the rostellum. ex Brazil, eg. *Cirrhaea dependens*.

cirrhaeoides: *Cirrhaea* + resembling, or a curl; tendril + resembling (?). cf. *Catasetum cirrhaeoides*.

cirrhata: see *cirratus*. cf. *Sunipia cirrhata*.

cirrhatum: see *cirratus*. cf. *Bulbophyllum cirrhatum*.

cirrhifera: see *cirri* + see -fer: bearing. cf. *Habenaria cirrhifera*. syn. *H. pantlingiana*.

cirrhiflora: see *cirri* + flower. cf. *Malaxis cirrhiflora*.

cirrhifolia: see *cirri* + leaf. Has curly leaves, or they end with curls (?). cf. *Trichoglottis cirrhifolia*.

cirrhochilum: see *cirratus*, *cirri* + lip: a curly lip, or the lip has curls (?). + Could also be ref. to *kirrhos*: a tawny-yellow, and/or an orange colour + lip (?). cf. *Epidendrum cirrhochilum*.

cirrhoglossum: see *cirri*, *cirrhochilum*, *cirratus* + tongue. cf. *Bulbophyllum cirrhoglossum*.

x *Cirrhopea*: auct. On the syn. list, without further info. cf. ***Cirrhaea* x *Stanhopea***.

Cirrhopetaloides: *Cirrhopetalum* + resembling.= *Bulbophyllum* section.

cirrhopetaloides: see *cirri* + petals + resembling, or was likened to *Cirrhopetalum* (?). cf. *Bulbophyllum cirrhopetaloides*. syn. *B. bisetum*.

Cirrhopetalum: Lindley 1824: see *cirri* + petals. syn. *Bulbophyllum* Thouars.

Cirrhopetalum: see *cirri* + petals.= *Bulbophyllum* section.

Cirrhophyllum: auct.1965. See *cirri* + leaf. syn. *Bulbophyllum* Thouars.

cirrhosa: with *cirri* + see *cirrose*. cf. *Listrostachys cirrhosa*. syn.= *Tridactyle bicaudata*. One says it has *cirri* and the other: two + tailed.

cirrhosum: as *cirrhosa*, see *cirrose*. Ref. the two *cirri* at the column apex. + See *cirrosum*, which is probably an error. cf. *Odontoglossum cirrhosum*.

cirrhous: descwd., seen in desc.: a curl; tendril etc. + See *cirratus*, *cirrose*.

cirri: an Eng. adaption seen in general discussions. Many speceps. start with *cirrh-*, ref. *cirrhous* + see *cirratus*. The word *cirri*, is plural (sing.: *cirrus*), ie. there is more than one and they are small appendages, or projections likened to twisted, or curly tendrils; curls. Note, *cirrh-* can also ref. to *kirrhos*: a tawny-yellow; brownish-orange colour.

cirrifera: *cirri* + bearing. Was listed as such, but is probably an error. cf. *Trichoglottis cirrifera* (the official listing is *Trichoglottis cirrhifera*).

cirrose: used in discussions, may be ex *cirrosus*: full of, or with curls; curly. My English dictionaries define *cirrose* as: terminating in a curl; having, or like *cirri*, or a *cirrus*. The word can imply singular, or plural, eg. a "cirrose labellum" may have just one curly projection, or appendage at the apex, or say, two at each side and it's still "cirrose".

cirrosum: was spelt as such, but is probably an error, as the official listing is *cirrhosum*. cf. *Odontoglossum cirrosum*.

x *Cischostalex*: auct. On the syn. list (no further info.). cf. ***Cischweinfia* x *Sigmatostalix***.

Cischweinfia: Dressler & N.H.Williams 1970. For American phytologist, author and authority on orchids of the trop. Americas and SE.Asia regions, Charles

Schweinfurth (1890-1970). Descs. accr. to him are abbr. to C.Schweinf. and this is where the genus name is coined from: C.(+ i, as a spacer) Schweinf.(+ suffix: of, etc.). ex Costa Rica to Ecuador, eg. *Cischweinfia dasyandra*. + See *schweinfurthiana*.

Cistella: Blume 1825: ref. *kiste* (+ *cista*): a box + suffix: dimin. eg. *Cistella cernua*. syn. *Geodorum densiflorum*.

cistus: was in an Eng. discussion. Ref. *kistos*: *Cistus* L., a genus of European shrubs with whitish, pink, or reddish flowers. Commonly: rock-rose, of the family, *Cistaceae*. The orchid under discussion seemed to seek their company, noted as possibly requiring the same insect pollinator.

C.I.T.E.S.: Convention on International Trade in Endangered Species. A treaty which came into effect in 1975, with almost 100 countries participating. There often seems to be a token action and publicity regarding fauna, but mostly there's a deafening silence regarding flora! + Of interest, see *Cinchona*.

citrata: probably a contraction of *citreus* + see *-ata*: having, or like (being) a pale lemon colour. cf. *Aerangis citrata*.

citratum: as *citrata*. cf. *Angraecum citratum*. syn. *Aerangis citrata*.

citratus: as *citrata*. cf. *Rhaphidorrhynchus citratus*. syn. *Aerangis citrata*.

citrellum: as *citrellus*. cf. *Bulbophyllum citrellum*.

citrellus: a vague colour term. ref. *citreus* + dimin.: slightly paler than *citreus*.

citreus: a vague colour term: lemon coloured; yellowish.

citricolor: as *citreus* + colour. cf. *Bulbophyllum citricolor*.

citrina: see *citrinus*. cf. *Diuris citrina*. syn. *D. abbreviata*. Noted as endemic to eastn. Aust.

citrinella: as *citrinellus*. cf. *Masdevallia citrinella*.

citrinellus: a colour term, ref. *citrinus* + dimin.: a paler lemon-yellow. Slightly paler than *citreus*, or *citrinus*.

citrinilabre: see *citrinus* + lip, or see *labrum*: edge, etc. cf. *Bulbophyllum citrinilabre*.

citrinocastanea: as *citrinocastaneum*. cf. *Sarcopodium citrinocastanea*. syn. *Epigeneium zebrinum*.

citrinocastaneum: lemon yellow + chestnut brown. cf. *Dendrobium citrinocastaneum*. syn. *Epigeneium zebrinum*.

citrinum: see *citrinus*. cf. *Geodorum citrinum*.

citrinus: as next entry. cf. *Peristylus citrinus*.

citrinus: a colour term: lemon colour; lemon-yellow.

citriodora: citrus + odour; perfume. cf. *Corunastylis citriodora*. syn. *Genoplesium citriodorum*.

citriodorum: as *citriodora*. cf. *Genoplesium citriodorum*. Noted as endemic to NSW., Aust.

citrophila: ref. *citron*: citrus tree + *-phila*: loves. Noted it prefers a citrus tree, as a host. cf. *Pleurothallis citrophila*. syn. *P. lojae* Schltr.1921.

citrosmum: ref. *citron* + ref. *osme*: smell. Perfume likened to a citrus fruit. cf. *Odontoglossum citrosmum*. syn. *Cuitlauzinia pendula*.

civilis: lit., proper to a citizen; relative to citizens. cf. *Masdevallia civilis*.

clad-, *clado-*, *-cladus*: used in combwds., ref. *klados*: shoot; twig; branch; sprout, etc.

Claderia: Hook.f.1890: *clad*-: shoot, etc. + ref. *erion*: wool; wooly. ex Thai. to Sumatra, etc., eg. *Claderia viridiflora*.

cladistic: noted as a coined word, see *clad*-: branch, etc.+ (Eng.) statistic.: Relative to, or based on the evolutionary changes of ancestral characteristics. eg. A cladistic synopsis, cladistic classification, cladistic analysis, etc.

cladistic graph: see cladogram.

Cladobium: Schltr., see *clad*-+ of, etc. (+ see next entry). syn. *Lankesterella* Ames.

Cladobium: Lindley 1836: see *clad*-: branch, etc.+ suffix: (having the) characteristic of. A strange one! The stalked pseudobulbs grow from the apices of lower pseudobulbs, reminiscent of an upward string of thin sausages. syn. *Scaphyglottis* Poepp.& Endl.

cladogram: (+ see cladistic). A cladistic graph linking the taxonomical features of species within a genus.

cladophylax: see *clad*-+ *phylax*: guard. cf. *Malleola cladophylax*.

cladoniophora: see *clad*-+ like + bearing. cf. *Lockhartia cladoniophora* (syn.).

Cladorhiza: Raf.1817: see *clad*-: branch; twig, etc.+ *rhiza*: root. syn. *Corallorrhiza*.

cladostachys: see *clad*-+ spike (for the raceme?). cf. *Sarcochilus cladostachys*. syn. *Pteroceras cladostachyum*.

cladostachyum: as *cladostachys*. cf. *Pteroceras cladostachyum*.

cladotricha: see *clad*-+ hair. cf. *Gomphichis cladotricha*.

claesiana: see *claesii* (+ belonging to). ex Colombia, cf. *Mormodes claesiana* Pabst 1968.

claesianum: as *claesiana*. ex Colombia to Venezuela, cf. *Odontoglossum x claesianum* L.Linden. syn. *O. x wilckeanum*.

claesii: listed for botanist and author, C.Claes. ex Brazil, cf. *Galeandra claesii* Cogn.1893.

clandestina: as *clandestinus*. cf. *Zeuxine clandestina*.

clandestinum: as *clandestinus*. cf. *Bulbophyllum clandestinum*.

clandestinus: hidden; concealed; secret (hence the English word, clandestine). cf. *Ancistrorhynchus clandestinus*.

clapensis: for place name (+ from), only listed as ex France. cf. *Ophrys x clapensis* Balayer.

claptonense: listed for place name: from Clapton, England. Noted this species is actually from Borneo, but the specep. was given as it was first flowered by Low's Nursery, at Clapton. cf. *Bulbophyllum claptonense* Rolfe 1905. syn. *B. lobbii*.

clarae: for place name (+ of), only listed as ex Colombia. There are many places called Santa Clara, also ref. Clara Inés (village) of Magdalena Department (?). cf. *Houlletia clarae* Schltr.1924. syn. *Jennyella sanderi*.

clarencensis: from Clarence. Listed as ref. the island of Bioko (Republic of Equatorial Guinea, west Africa, in the Bight of Biafra), the specep. could be for Port **Clarence** (now, Malabo city), and/or **Clarence** Peak (Pico de Santa Isabel, a dormant volcano). cf. *Habenaria clarencensis* Rolfe 1898.

clarissimum: ref. *clarus*: clear + suffix, an emphasis: very, etc. cf. *Dendrobium clarissimum*. syn. *D. roseatum*.

clarkeanum: belonging to Clarke. For orig.coll., botanist Charles Baron Clarke (1832-1906). ex India, cf. *Bulbophyllum clarkeanum* King & Pantl.1895. syn. *B. stenobulbon*.

clarkei: see *clarkeanum*. ex Assam, India. cf. *Oberonia clarkei* Hook.f.1888.

classification: A very demanding task. Initially to determine the genus of the plant and if it's been described previously, or not.+ See cytology, description, phytography, etc.

clathrata: ref. *clathratus*: barred; latticed. Noted as, ref. to the prominently veined overlapping stem sheaths, likened to lattice. cf. *Ceratostylis clathrata*.

claudiopolitana: listed as: belonging to Claudiopolis, now ref. Bolu city, Bolu Prov., Turkey. cf. *Dactylorhiza x claudiopolitana* (Simonk.) Borsos & Soó 1961.

clausa: ref. *clausus*: shut; closed; secluded. cf. *Goodyera clausa*.

Clausae-porrectae: ref. *clausus*: shut; closed + see *porrect*: directed forward, etc. Ref. the sepaline tube.= *Masdevallia* section. syn. *Masdevallia* subsection *Masdevallia*.

clausula: lit., (to) end; close (as complete; finished; over; done, etc.). Could also be *claus-+ula*: shut; closed + dimin.(: slightly closed?). cf. *Paphinia clausula*. syn. *P. cristata*.

clausum: ex *clausus*: shut; closed; secluded. Listed as ref. the (putative) cleistogamous flowers. cf. *Dendrobium clausum*.

clausus: shut; closed; secluded. cf. *Cryptopylos clausus*.

clavata: see clavate. cf. *Ceratostylis clavata*. Noted as endemic to Papua, Indon.

clavate: ref. *clava*: a club; bludgeon; cosh; cudgel + suffix: like; having. Any part, organ, projection, appendage, or group that could be likened to a club. Club-like, club-shaped,+ see club.

clavator: clubber; one who has a club. Ref. the stem, basally swollen, then tapering abruptly and likened to a club. cf. *Dendrobium clavator*.

clavatum: see clavate. Ref. the spur likened to a club. cf. *Taeniophyllum clavatum*.

clavatus: see clavate. cf. *Gastrochilus clavatus*. syn. *Thrixspermum clavatum*.

clavellata: see clavellate. Ref. the spur. cf. *Platanthera clavellata*.

clavellate: see clavate with an added dimin.: small. Like or having a small club. + See club.

clavellatum: see clavellate. cf. *Scaphosepalum clavellatum*.

clavellatus: see clavellate. cf. *Peristylis clavellatus*. syn. *Platanthera clavellata*.

clavi-: used in compwds.: for anything to do with a club, bludgeon, etc., see clavate.

clavicalcar: club + spur. cf. *Calanthe clavicalcar*.

clavicalcarata: club + spurred. cf. *Microtatorchis clavicalcarata*.

clavicaulis: club + ref. *caulis*: stem; stalk. Stem is likened to a club. cf. *Eria clavicaulis*.

claviceps: club + small head. cf. *Odontoglossum claviceps*. syn. *Cyrtorchilum angustatum*.

clavicornis: club + horn. Ref. the spur. cf. *Eulophia clavicornis*.

claviculata: ref. *clavicula*: small club + suffix: like; having. + See clavate, clavellate. ex the Caribbean region, cf. *Vanilla claviculata*.

claviculatum: as *claviculata*. cf. *Epidendrum claviculatum*. syn. *Vanilla claviculata*.

claviform: see clavate + form; shape. Club-shaped, club-like.

claviformis: claviform. cf. *Habenaria claviformis*. syn. *H. carnea*.

claviger: club + bearing. cf. *Physurus claviger*.

clavigera: club + see -ger: bearing. Refs. to the sepals, see club. cf. *Caladenia clavigera*.

Noted as endemic to s.east Aust.

clavigerum: as *clavigera*. The shape of a flower likened to a club. cf. *Bulbophyllum*

clavigerum. syn. *B. longiflorum*.

clavigerus: as *clavigera*. cf. *Phlebochilus clavigerus*. syn. *Caladenia clavigera*.

claviloba: club + lobe. cf. *Oberonia claviloba*.

clavilobum: club + lobe. cf. *Thrixspermum clavilobum*.

clavimentalis: see *clavi*+*-mentalis*: club; bludgeon, etc. + of the mind (?). Also may be:

clavi+*-ment*+*-alis*: clubbed + like. Or, club + mentum (: chin) + like, etc. (see -ale).

cf. *Eria clavimentalis*.

claviodora: if it's *clavi*(o) +*-dora*: club + gift, and/or *clavi*+*-odora*: club + perfume (?).

Neither seems to make a great deal of sense, but haven't any other info. cf.

Gongora claviodora Dressler 1972.

clavipes: club + foot. Ref. the swollen base (the foot) of the stem. cf. *Dendrobium clavipes*.

syn. *D. truncatum*.

clavula: ref. *clava*: club + dimin.: small club. + See clavellate. cf. *Caladenia clavula*. Noted as endemic to Sth.Aust.

clavuligerum: small club + see -ger: bearing. cf. *Dendrobium clavuligerum*.

clavulum: see *clavula*. cf. *Calonema clavulum*. syn. *Caladenia clavula*.

claw: where a basal part narrows, is contracted and finely stalk-like. Mostly refs. to floral segments, esp. the labellum. + See unguiculate.

cleiso-, *cleisto-*: used in combwds., ref. *kleistos*: closed; shut.

x *Cleisocalpa*: auct. On the syn. list, without further info. cf. ***Cleisocentron*** x ***Pomatocalpa***.

Cleisocentron: Brühl 1926: closed + spur. ex n.east India, eg. *Cleisocentron pallens*.

x *Cleisodes*: auct. Same comments as, x *Cleisocalpa*. cf. *Aerides* x ***Cleisocentron***.

x *Cleisofinetia*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisocentron*** x *Neofinetia*.

Cleisomeria: Lindley ex G.Don 1855: shut + see -mera: parts. Flower (mostly) doesn't open. ex Indo-China to Borneo, etc., eg. *Cleisomeria lanatum*.

x *Cleisonopsis*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisocentron*** x ***Phalaenopsis***.

x *Cleisopera*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisostoma*** x *Micropera*.

x *Cleisoquetia*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisocentron*** x ***Robiquetia***.

Cleisostoma: Blume 1825: shut + mouth. Refs. to calli which almost block the mouth of the spur. ex Java, etc., eg. *Cleisostoma javanicum* (Blume) Garay 1972.

Cleisostoma: as last entry.= *Cleisostoma* section.

Cleisostomopsis: Seidenf.1992: *Cleisostoma* + appearance. eg. *Cleisostomopsis eberhardtii*.

Noted as monotypic in Vietnam.

x *Cleisostylis*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisocentron*** x ***Rhynchostylis***.

x *Cleisotheria*: auct. Same comments as, x *Cleisocalpa*. cf. ***Cleisostoma*** x ***Pelatantheria***.

cleistantha: shut + flower. cf. *Caladenia cleistantha*. Noted as endemic to s.east Aust.

cleistanthus: shut + flower. cf. *Caladenia cleistanthus*. Noted as endemic to Qld., Aust.

Cleistes: Rich.ex Lindley 1840: ref. *kleistos*: shut; closed. Ref. the closed flowers. ex New Jersey to Texas, USA., eg. *Cleistes divaricata*.

cleistogama: see cleistogamy. cf. *Appendicula cleistogama*.

cleistogamia: of cleistogamy. cf. *Dendrobium bellatulum* var. *cleistogamia*. syn. *D. bellatulum*.

cleistogamum: see cleistogamy. cf. *Bulbophyllum cleistogamum*.

cleistogamus: see cleistogamy. cf. *Kinetochilus cleistogamus*. syn. *Dendrobium cleistogamum*.

cleistogamy: ref. *kleistos*: shut; closed + ref. *gamos*: marriage; union. Of self-pollinating flowers which (mostly) do not open or, open only slightly, lasting a very short time before wilting quickly. + See apomixis, homogamy, selfing.

cleistogastrium: shut; closed + (of the) belly; stomach. cf. *Epidendrum cleistogastrium*.

Clematepistephium: N.Hallé 1977. Ref. *klematos*: (vine-twist) twig; shoot + was originally described as an *Epistephium* Rchb.f.1877. Noted as being liana-like, up to c8m. (26ft.) long and monotypic in New Caledonia. cf. *Clematepistephium smilacifolium*.

clemensiae: for orig.coll., Mrs.Mary Clemens of the famous husband and wife team (more info. see *clemensii*). ex the Philipp., cf. *Bulbophyllum clemensiae* Ames 1912.

clemensii: listed for orig.colls., Joseph Clemens (1862-1936) and his wife, Mary Strong Clemens (1873-1968) who were Lutheran missionaries, initially based in China. They collected extensively for over 30yrs., inc. in the Philipp., Borneo, Java and went to New Guinea, 1935. Working on the dates of their time in New Guinea, where Joseph died, he was over 70 and Mary was over 60yrs. old! Mary continued working after Joseph's death, until forced out of Lae (1942) by the invading Japanese forces in WWII. Were these people supermen? Plus at that time, imagine the hardships, privations and terrible conditions of that inhospitable region. No 5 star tourist resorts then (and not even today). ex Borneo, cf. *Nabalua clemensii* Ames 1920.

clementsii: listed for prolific phytologist and author, Mark A.Clements (+ of). Descs. accr. to him are abbr. to: M.A.Clem. cf. *Flickingeria clementsii* D.L.Jones 2004. Noted as endemic to Qld., Aust.

cleopatra: is simply to express "beauty". The most famous Cleopatra, an Egyptian queen (69-30BC.) has been built up, by legend, to be an epitome of beauty. Trivium: authorities disagree, saying she was reasonably attractive, but definitely not beautiful. cf. *Cypripedium x cleopatra* O'Brien.

-cles: used in compwds.: noted for; recognized for; featuring.

cliftonii: for noted grower J.Talbot Clifton (+ of) of Lancashire, Eng., first to flower it. ex Colombia, cf. *Anguloa cliftonii* Rolfe 1910.

climacis: same as *climax*. cf. *Ophrys climacis*. syn. *O. sphegodes* ssp. *aesculapii*.

climatology: the science dealing with all aspects of the climate.+ Ref. climatologist: one who specialises in the study of climatology.

climax: looks familiar, but not as in English. Ref. *klimax*, *klimakos*: lit., staircase; a series of steps; ladder. Perhaps, for a pattern of venation. cf. *Lepanthes climax*.

clinandrium: ref. *kline*: bed; couch + ref. *andros*: man; male + suffix: like, or dimin. (small). The depression (the "bed") at the top of the column, containing the

pollinia (the “male”). Plus can ref. to the area within the margins of the column apex. Although, this is mainly called the anther (area).

Clinhymenia: A.Rich.& Galeotti 1844, ref. *kline*: bed; couch + hymen: a thin membrane + suffix: distinctive of. Ref. the anther cell (see “A”). ex Mexico, etc., eg.

Clinhymenia pallidiflora. syn. *Cryptarrhena lunata*.

clipeibulbum: ref. *clipeus*: a shield (+ see clypeiform) + bulb. cf. *Bulbophyllum clipeibulbum*.

clipeus: shield (+ see clypeiform). cf. *Stelis clipeus*.

clitellaria: ref. *clitella*: packsaddle; pannier(-bag) + see -are: of; relative to, etc. cf. *Vanda clitellaria*. syn. *V. lamellata*.

clitellifer: packsaddle + bearing; carrying. cf. *Lissochilus clitellifer*. syn. *Eulophia clitellifera*.

clitellifera: as *clitellifer*. cf. *Eulophia clitellifera*.

clivicola: ref. *clivus*: the sloping incline of a hill + resident; dweller. cf. *Caladenia longicauda* ssp. *clivicola*. Noted as endemic to West. Aust.

clone: most often just refs. to an individual plant of a species. Can also ref. to one raised asexually by vegetative propagation, from a single ancestral plant. eg., See keiki. Many terrestrials have the ability to produce clones from their rhizomes, roots, and/or tuberooids (see gemmae), emerging at a distance from the parent, eventually becoming detached and forming their own populations. + See vegetative propagation.

closterium: ref. *klosterion*: small spindle. ex New Caledonia, cf. *Dendrobium closterium*.

clovisii: listed for the given name of Clovis Thorel, see *thorelii*. ex Thai., cf. *Habenaria clovisii* Gagnep.1931. syn. *H. reniformis*.

Clowesia: Lindley 1843. Listed for noted grower and sponsor of Prof.Lindley, the Rev.John Clowes (+ of). + He was first to flower it. ex Mexico, eg. *Clowesia rosea*.

clowesii: see *Clowesia*. ex Brazil, cf. *Miltonia clowesii* (Lindl.) Lindl. 1840.

club: apart from the obvious ref. to a shape, this is a common term for an osmophore (: scent gland) at the tip of the floral segments, esp. of (but, not restricted to) *Caladenia*.

clunifforme: ref. *clunis*: rump; buttocks + shape; form. cf. *Mediocalcar clunifforme*. syn. *M. versteegii*.

clypeata: ref. *clypeus*: a large, convex, round shield + suffix: like; having (+ see clypeiform). cf. *Pholidota clypeata*. syn. *P. gibbosa*.

clypeiform: ref. *clypeus*: a large, round, convex shield used by the Romans and Greeks + form: shape. Any organ, part, or a group can be likened to being clypeiform.

clypeolum: ref. *clypeolus*: small round shield, see clypeiform. cf. *Liparis clypeolum*.

Cnemidia: Lindley 1833: ref. *cnemis*: leg-armour; leggings + suffix: like. Has basal imbricate sheathing bracts on the stem, likened to leggings. ex Bhutan to west Malesia, eg. *Cnemidia angulosa*. syn. *Tropidia angulosa*.

cnemidophorum: leggings + resembling + see -phora: bearing (+ see *Cnemidia*). Ref. bracts at the base of the peduncle. cf. *Epidendrum cnemidophorum*.

co-: used in combwds.: with; together; joint; same.+ See com-.

coactescens: ref. *coactilis*: made thick +-*escens*: becoming. Thickish. Listed as a natcross of *Caladenia crebra* x *C. longicauda*. cf. *Caladenia* x *coactescens* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

coactilis: lit., made thick. cf. *Caladenia coactilis*. Noted as endemic to Sth.Aust.

coalescence, coalescent: ref. *co-*: together + *alescere*: to grow up. Growing together; uniting into one body; merging; fusing, etc.

coarctatum: see *coarctatus*. cf. *Tuberolabium coarctatum*.

coarctatus: descwd., seen in descs.: compressed; squeezed together; condensed; contracted.

cobaltinus: Lat'd. Eng. (actually, orig. is ex German: *kobalt* + see *-ina*: for the colour; like, etc.).+ A vague colour term: cobalt-blue; a dark blue.

cobanense: for place name: from Cobán, a city of Alta Verapaz Prov., Guatemala. cf. *Epidendrum cobanense* Ames & Schltr.1923. syn. *Briegeria cobanensis* (Ames & Schltr.) Senghas 1980.

cobanensis: as *cobanense*. cf. *Maxillaria cobanensis* Schltr.1912.

cobarensis: for place name: from Cobar, a fairly large town of westn. NSW. cf. *Pterostylis cobarensis* M.A.Clem.1989. Noted as endemic to NSW., Aust. A delightful little "greenhood" (the common name for this genus). It would have to be extremely hardy, as there's not a lot of rain in this part of the country.

cobbiana: belonging to Cobb. For noted grower, Walter Cobb of Sydenham, Eng., first to flower it. ex the Philipp., cf. *Platyclinis cobbiana* (Rchb.f.) Hemsley 1881. syn. *Dendrochilum cobbianum* Rchb.f.

cobbianum: see *cobbiana*. ex the Philipp., cf. *Dendrochilum cobbianum* Rchb.f.1880.

cobolbine: see *co-* + *bulb* + *-ina*: like, etc. cf. *Dendrochilum cobolbine*. syn. *D. zollingeri* Miq.1859.

cobra: an Eng. adaption of *colubra*: snake (trivium: see *colubrinum*). Alluding to the column, likened to the upper body and head of a cobra. cf. *Bletia wagneri* var. *cobra*.

cobriiformis: see *cobra* + shaped. Alluding to the hooded flowers. cf. *Pleurothallis cobriiformis* L.O.Williams 1940.

cocapatae: may be for either of two villages: of Cocapata, La Paz Department and/or Coca Pata, Cochabamba Department, Bolivia. cf. *Masdevallia cocapatae* Luer, Teague & R.Vásquez 1997.

coccifera: as *cocciferum*. cf. *Eulophia coccifera*.

cocciferum: ref. *coccum*, *kokkos*: berry + see *-fer*: bearing. cf. *Oncidium cocciferum*. syn. *Cyrtorchilum flexuosum*.

coccina: the listing was for *Pterostylis coccina*, but this is probably an error, see *coccinea*. If there is such a specep. can only ref. it to *coccum* +-*ina*: berry-like + see *coccinatum*.

coccinatum: listed as the one word, ref. *coccinatus*: clothed, or wearing scarlet cf. *Bulbophyllum coccinatum*.

coccinea: see *coccineus*. Ref. the flower's bright red markings. cf. *Pterostylis coccinea*. Noted as endemic to NSW. and Vic., Aust.

Coccineae: see *coccineus*. = *Masdevallia* subsection.

coccinella: as *coccinellum*. cf. *Maccraitha coccinella*. syn. *Dendrobium cuthbertsonii*.
coccinelloides: as *coccinellum* + resembling. cf. *Cynorkis coccinelloides*.
coccinellum: see *coccina* + suffix: like a small berry, or see *coccineus* + dimin. (: pale or slightly red?). By the flower colour, should be the latter. cf. *Dendrobium coccinellum*. syn. *D. cuthbertsonii*.
Coccineorchis: Schltr.1920: see *coccineus* + orchid. ex Costa Rica, etc., eg. *Coccineorchis bracteosa*.
coccineum: see *coccineus*. cf. *Dendrobium coccineum*. syn. *Glomera amboinensis*.
coccineus: a vague colour term listed as a "red", as: scarlet; carmine; crimson.+ Many times I've seen it described as, "orange"?.
cocculifera: small berry + bearing (+ see *cocciferum*). cf. *Lepanthes cocculifera*.
cochabambae: of Cochabamba, see *cochabambanum*. cf. *Pleurothallis cochabambae* Luer & R.Vásquez 1991. syn. *P. cyathiflora*.
cochabambanum: of, or belonging to Cochabamba city of Cochabamba Department, Bolivia, and/or there are two villages, of the same name, in Beni Department, Bolivia. cf. *Epidendrum cochabambanum* Dodson & R.Vásquez 1989.
x *Cochella*: auct. On the syn. list, without further info. cf. *Cochleanthe* x *Mendoncella*.
cochinchinense: from Cochinchina (now: mostly, Vietnam), cf. *Bulbophyllum cochinchinense* Gagnep.1950. syn. *B. macranthum*.
cochinchinensis: as *cochinchinense*. cf. *Micropera cochinchinensis* (Rchb.f.) T.Tang & F.T.Wang 1951.
Cochlea: Blume 1825: ref. *cochlea*: a spiral; snail-shell. syn. *Bulbophyllum* Thouars.
Cochleanthes: Raf.1837: ref. *kochlias*: snail (shell) shape (: coiled; spiralling) + flower. eg. *Cochleanthes aromatica*.
cochleare: + ref. *cochlearis*: spoon; resembling one half of a mussel (shell); concave and spoon-like. Ref. the labellum. cf. *Taeniophyllum cochleare*.
cochleariaefolia: spoon-like, + see *cochleare* + leaf. This word was in a description and ref. to the leaf shape.
cochlearifolia: spoon-like + leaf. cf. *Lepanthes cochlearifolia*.
cochlearifolium: spoon-like + leaf. cf. *Epidendrum cochlearifolium*. syn. *Lepanthes cochlearifolia*.
cochleariformis: see *cochleare* + *formis*: shaped. cf. *Ornithocephalus cochleariformis*.
cochleariifolia: spoon-like + leaf. Or possibly, a leaf was likened to that of *Cochlearia* L., of the family, *Cruciferae* (not orchids). cf. *Malaxis cochleariifolia*. syn. *M. maianthemifolia*.
cochlearilabre: shell, or spoon-like + lip. cf. *Odontoglossum cochlearilabre*.
cochlearis: see *cochleare*: spoon-like. cf. *Zeuxine cochlearis*. syn. *Z. africana*.
cochleata: ref. *cochleatus*: spoon, or (mussel-)shell + like. Ref. the labellum. cf. *Prosthechea cochleata*.
cochleate: noted this from a discussion and found it very confusing. English dictionaries define it as: spiralling; like a snail-shell, etc. Went through the (Latin) description, looking for the organ, or part and the ref. was to the spoon-shaped lip (see *cochleare*)!

cochleatum: as *cochleata*. cf. *Dendrobium cochleatum*.

cochleatus: see *cochleata*. cf. *Phaedrosanthus cochleatus*. syn. *Encyclia cochleata*.

cochleicalcar: ref. *cochlea*: a spiral; snail-shell, etc.+ spur. cf. *Habenaria cochleicalcar*.

x *Cochlecaste*: auct. Same comments as, x *Cochella*. cf. ***Cochleanthes* x *Lycaste***.

x *Cochlenia*: auct. Same comments as, x *Cochella*. cf. ***Cochleanthes* x *Stenia***.

x *Cochlepetalum*: auct. Same comments as, x *Cochella*. cf. ***Cochleanthes* x *Zygopetalum***.

x *Cochlesepalum*: Oba & J.M.H.Shaw. Same comments as, x *Cochella*. cf. ***Cochleanthes* x *Zygosepalum***.

Cochlia: Blume 1825: ref. *kochlias*: snail. The column has two small projections (see *stelidia*) + with the shape of the lip: a fanciful allusion to a snail. syn. *Bulbophyllum Thouars*.

Cochlia: as last entry.= *Bulbophyllum* section.

cochlia: as *Cochlia*. cf. *Bulbophyllum cochlia*.

cochlidium: ref. *kochlias* + dimin., + ref. *kochlidion*: small snail. cf. *Epidendrum cochlidium*.

Cochlioda: Lindley 1853: snail (shell shape) + resembling. Ref. the calli of the lip. ex Peru, eg. *Cochlioda densiflora*.

cochlioda: as *Cochlioda*. cf. *Odontoglossum cochlioda*. syn. *Cochlioda densiflora*.

cochliodes: snail (shell) + resembling. cf. *Dendrobium cochliodes*. Pers.coll. ex Eilogo, PM.PNG., not rare, but uncommon. The famous Aust. orchidologist, Mr. Alick Dockrill personally confirmed this one for me, 9/10/'70 and I was very elated when he remarked, "it was a good find".

cochliodum: snail (shell) + resembling. cf. *Mesospinidium cochliodum*. syn. *Symphyglossum sanguineum*.

cochliops: snail + see -ops. Could be: snail + face, or snail + eyed. Has two appendages likened to a snail's eye stalks. cf. *Dracula cochliops*.

Cochliopetalum: coiled; spiralling + petals. Listed as likened to some sea-snail shells.= *Paphiopedilum* section.

cocleense: from Coclé village, and/or of Coclé Prov., Panama. cf. *Epidendrum cocleense* Ames, F.T.Hubb.& C.Schweinf.1936.

Cocleorchis: Szlach.1994: ref. Coclé (see *cocleense*) + orchid. An oblique ref. to where the plant was found. syn. *Cyclopogon* C.Presl.

cocoense: from Cocos Island (American protectorate), in the Pacific Ocean c480kms. (300 miles) south of Costa Rica. Was declared a N.Park 1982, for the unique and important indigenous flora and fauna. cf. *Epidendrum cocoense* Hágsater 1999.

cocoinum: my first guess was: cocoa + like. Wrong! Then, found a ref., *cocos*: a kind of palm (coconut-palm). But, *cocoinum* is listed as considered to be ref. *kokkos* (*coccum*): a berry, or seed + see -ina: like, etc. cf. *Bulbophyllum cocoinum*.

cocornaensis: from Cocorná (village), Antioquia Department, Colombia. cf. *Pleurothallis cocornaensis* Luer & R.Escobar 1996.

coddii: listed for botanist and author, Leslie Edward Wastell Codd (b1908). ex Northern Province, Sth.Africa. cf. *Eulophia coddii* A.V.Hall 1965.

codon: descwd., a separate entry to aid the next items and save much repetition. Ref.

kodon, *kodonos*: a bell with a handle; a crier's bell. Used in combwds. and often

refs. to the sepaline tube (see "S"), of bell-like flowers. Or, for some organ(s), part(s), or a group likened to being bell-shaped, often with a short stem (for the handle).

codonanthum: see *codon* + flower. cf. *Bulbophyllum codonanthum*.

Codonanthus: see *codon* + flower.= *Gastrodia* section.

Codonorchis: Lindley 1840: see *codon* + see -*orchis*, orchid. ex Chile to the Falkland Islands, eg. *Codonorchis tetraphylla* (syn.).

codonosepalum: see *codon* + sepal(s). cf. *Taeniophyllum codonosepalum*.

Codonosiphon: Schltr.1913: see *codon* + *siphon*: a tube; pipe. Ref. the sepaline tube. syn. *Bulbophyllum* Thouars.

Codonosiphon: as last entry.= *Eria* section.

Codyla: Blume 1825. Haven't any ref., but is probably a mistake on someone's part. Noted Dr.Blume quickly revised it to *Cordyla*. syn. *Nervilia* Comm.ex Gaudich.

coel-: used in combwds., mostly refs. to *koilos*: a hollow; cavity. Can be: a depression; indentation; concave. Sometimes it can be very confusing, as it may also ref. to *coelum*: sky (as "blue"), and/or *koilia*: the cavity within the abdomen (ie., the belly).

Coelandria: Fitzg.1882: see *coel*+ ref. *andros*: man; male. Probably ref. the clinandrium. eg. *Coelandria smillieae*. syn. *Dendrobium smillieae*. Pers.coll., see "S".

coelandria: see *Coelandria*. ex New Guinea, cf. *Dendrobium coelandria*.

coelenterate: (ref. *Coelenterata*, ex *koilos*: hollow + *enteron*: intestine + like; having) was in a discussion ref. to *Chaseella pseudohydra* Summerh. The plant was likened to a phylum of aquatic creatures which inc., hydras, jellyfish, corals, etc., having a tube-like body and many tentacles, or tendrils used for feeding. + See *pseudohydra*.

coeleste: noted as orig. ref. *caelum* (*coelum*): sky (as "blue") + suffix: relative to (+ ref. *caelestis*: of the sky). Refs. to the blue apical blotch on the floral segments. cf. *Dendrobium coeleste*. syn. *D. victoriae-reginae*.

coelestis: as *coeleste*. The floral segments are mostly "blue". cf. *Bollea coelestis*.

Coelia: Lindley 1830, could be ref. *koilia*: belly; abdomen. From my refs., the consensus of opinion (for this genus) seems to be, ref. *koilos*, see *coel-*: a hollow + suffix: distinctive of and refs. to the clinandrium (?). ex Mexico, etc., eg. *Coelia bella*.

coelia: see *coel*+ of. cf. *Xylobium coelia*.

coeliaca: ref. *coeliacus*: of, or to do with the belly, or abdomen. cf. *Stelis coeliaca*.

Coeliopsis: Rchb.f.1872, see *coel*+ see -*opsis*: appearance, or has the appearance of a *Coelia* (probably the latter). ex Costa Rica to Ecuador, eg. *Coeliopsis hyacinthosma*. Noted as monotypic.

coeloceras: see *coel*+ horn. cf. *Peristylus coeloceras*.

coelochilum: see *coel*+ lip. cf. *Bulbophyllum coelochilum*.

Coelochilus: see *coel*+ lip.= *Bulbophyllum* section.

coeloglossa: see *coel*+ tongue. cf. *Eulophia coeloglossa*.

x *Coeloglossgymnadenia*: Druce. Noted the name was taken from the parents, cf. *Coeloglossum* (syn. *Dactylorhiza*) x *Gymnadenia*. syn. x *Dactyloдения*.

x *Coeloglosshabenaria*: Druce. On the syn. list, without further info. cf. *Coeloglossum* (syn. *Dactylorhiza*) x *Habenaria*.
 x *Coeloglossogymnadenia*: A.Camus. Same comments as, x *Coeloglossgymnadenia*.
coeloglossoides: see *coel*-+ tongue + resembling, or may have been likened to a *Coeloglossum* (?). cf. *Habenaria coeloglossoides*.
 x *Coeloglossorchis*: Guétrot. On the syn. list, cf. *Coeloglossum* (syn. *Dactylorhiza*) x *Orchis*.
Coeloglossum: Hartm.1820: see *coel*-+ tongue. Listed as having two small depressions at the labellum base. syn. *Dactylorhiza* Neck.ex Nevski. + See next entry.
Coeloglossum: Lindley 1834: see *coel*-+ tongue. syn. *Peristylus* Blume.
coeloglossum: depression + tongue. The description notes the labellum as: *cochleari-concavo* (: spoon-like + concave). cf. *Dendrobium coeloglossum*.
Coelogyne: Lindley 1821: see *coel*-: a hollow + *gyne*: woman. Refs. to the stigmatic depression. An old favourite of mine is *Coelogyne asperata*, was quite common, Sogeri Plateau, PM.PNG. I had a (much) “more learned colleague” almost in hysterics, as I was telling him about finding it and I tried to pronounce it phonetically as “co-ee-log-ine”! (Info. on this gentleman, see *elworthyi*).
coelogyne: translates as last entry, but is noted to have the appearance of a *Coelogyne*. cf. *Epigeneium coelogyne*. syn. *E. amplum*.
Coelogyne: see *Coelogyne*. = *Coelogyne* section.
Coelogyneae: see *Coelogyne* + suffix denotes it's a tribe.
coelogyneiformis: *Coelogyne* + shape; form. The plant was likened to a *Coelogyne*. cf. *Calanthe coelogyneiformis*.
Coelogyneinae: *Coelogyne* + suffix denotes it's a subtribe.
coelogyneochila: see *coel*-+ woman + lip. Or, the lip was likened to that of a *Coelogyne* (?). cf. *Polystachya coelogyneochila*. syn. *P. cultriformis*.
coelogyneoides: *Coelogyne* + resembling. Listed as likened to a small *Coelogyne*. cf. *Liparis coelogyneoides*. Noted as endemic to eastn. Aust.
coelonychia: see *coel*-+ ref. *nucha*: nape of the neck + of. cf. *Phreatia coelonychia*.
 x *Coeloplatanthera*: Cif.& Giacom. On the syn. list, without further info. cf. *Coeloglossum* (syn. *Dactylorhiza*) x *Platanthera*.
Coenadenium: (Summerh.) Szlach.2003: see next entry. syn. *Angraecopsis* Kraenzl.
Coenadenium: ref. *koinos*: common + see *aden* + suffix: of. = *Angraecopsis* section.
coerulea: ref. *caeruleus*: deep sky blue. cf. *Vanda coerulea*.
coerulescens: see *coerulea* + becoming; tending to. Ref. the bluish-white flowers. cf. *Cystopus coerulescens*.
coeruleum: see *coerulea*. cf. *Bulbophyllum coeruleum*. syn. *B. coloratum*.
coeruleus: see *coerulea*. cf. *Kochiophyton coeruleus*. syn. *Aganisia cyanea* (: a dark blue).
coffeicola: listed as ref. coffee: (as) dark brown + resident; dweller. For the small brown flower surrounded by the large leaf. cf. *Pleurothallis coffeicola*.
coffeicolor: listed as: dark brown (like coffee) + colour. cf. *Eria coffeicolor*.
coffeicolum: dark brown (like coffee) + resident; dweller. cf. *Macroclinium coffeicolum*.
cognata: ref. *cognatus*: related; allied; kindred; cognate. cf. *Zeuxine cognata*. syn. *Z. nervosa*.

cognate: listed as: the same as conspecific. + : Allied; of the same kind. eg. cognate species.

cogniauxiae: see *cogniauxiana*, But this has a fem. suffix (?). ex Rio de Janeiro state, Brazil, cf. *Miltonia* x *cogniauxiae* Peeters ex Cogn.& Gooss.1900.

cogniauxiana: belonging to Celestin Alfred Cogniaux (1841-1916). A famous phytologist and author, was Conservator of the Brussels Botanic Garden from 1872. Descs. accr. to him are abbr. to: Cogn. ex Costa Rica to Ecuador, cf. *Pleurothallis cogniauxiana* Kraenzl.1907.

cogniauxianum: as *cogniauxiana*. ex Brazil, cf. *Oncidium cogniauxianum* Schltr.1921.

x *Cogniauxara*: Garay & H.R.Sweet: of, or belonging to Cogniaux (see *cogniauxiana*).

Noted as the result of *Arachnis* x *Euanthe* x *Renanthera* x *Vanda*.

cogniauxii: as *cogniauxiana*. ex Colombia, cf. *Mormodes cogniauxii* L.Linden 1894.

Cogniauxiocharis: (Schltr.) Hoehne 1944. See *cogniauxiana* + respectful suffix (see *-charis*). ex Brazil, syn. *Pteroglossa* Schltr.

cohere, coherent, coherence, cohering: The joining of two or more like parts; to stick together; connected.

Cohnia: Rchb.f.1852. Listed for botanist, Ferdinand Julius Cohn (1828-1898). syn. *Cohniella* Pfitzer.

Cohniella: Pfitzer 1889: see *Cohnia* + dimin., or respectful suffix (?). Noted for its likeness to *Cohnia*. eg. *Cohniella quekettoides*. Noted as monotypic in Guiana.

Coilochilus: Schltr.1906: ref. *koilos* (see *coel-*): a hollow. Or, ref. *koilia*: belly; abdomen (?) + lip. eg. *Coilochilus neocaledonicum*. Noted as monotypic.

coiloglossa: ref. *koilos* (see *coel-*): a hollow, or ref. *koilia*: belly; abdomen (?) + tongue. cf. *Calanthe coiloglossa*.

coiloglossum: as *coiloglossa*. cf. *Pedilochilus coiloglossum*.

Coilostylis: Raf.1838: ref. *koilos* (see *coel-*): a hollow, or ref. *koilia*: belly; abdomen (?) + see style: column, eg. *Coilostylis emarginata*. syn. *Epidendrum ciliare*.

coimbrae: of Coimbra Department (admin. division), Bolivia. cf. *Scelochiloides coimbrae* Dodson & R.Vásquez 1998.

-cola: (+ see *-icola*) a contraction of *incola*, used in compwds.: inhabitant; dweller; native; resident.

x *Colasepalum*: auct. On the syn. list, without further info.cf. *Colax* x *Zygosepalum*.

x *Colaste*: auct. On the syn. list, without further info. cf. *Colax* x *Lycaste*.

Colax: Lindl.ex Spreng.1826: ref. *colax*: (fig.) a parasite. Noted that this is once what it was thought to be. syn. *Bifrenaria* Lindl. + See next entry.

Colax: Lindley. Same as last entry. syn. *Pabstia* Garay.

colemaniae: listed for orig.coll., Ms.Edith Coleman (1874-1951). Phytologist, authoritative collector, naturalist and author. cf. *Diuris colemaniae* Rupp 1940. syn. *Diuris tricolor*. Noted as endemic to Qld.& NSW., Aust.

colensoi: listed for orig.coll., William Colenso (1811-1899). Phytologist, author and authority, esp. of NZ. flora. cf. *Thelymitra colensoi* Hook.f.1864. Noted as endemic to NZ.

Coleoptera: ref. *koleos*: sheath; sac; scrotum, etc.+ wing. For cross-referencing: the largest order of insects, as beetles, weevils, etc. The entry concerned, see *bostrychodes*.

x *Coleottia*: auct. Same comments as, x *Colasepalum*. cf. *Galeottia* x *Colax* (syn. *Pabstia*).

Collabiinae: see *Collabium* + suffix denotes it's a subtribe.

Collabiopsis: S.S.Ying 1977: *Collabium* + appearance. syn. *Collabium* Blume.

Collabium: Blume 1825: ref. *collare*: a collar; neckband, etc.+ suffix: characteristic of. Noted, the relatively large lip is likened to a collar on the column. ex Sumatra to Java, eg. *Collabium nebulosum*.

collare: a metal band, or chain for the neck; neckband; collar. cf. *Catasetum collare*.

collaris: as *collare*. cf. *Lepanthes collaris*. syn. *L. blephariglossa*.

Collea: Lindl.1823: one major ref. says: of hills (see *colles*). But, it was desc.x Prof.Lindley and is possibly for something more involved, than this (?). syn. *Pelexia*.

colles: descwd., seen in descriptions, mostly for habitat: open sunny hills.

collettianum: belonging to Collett, see *collettii*. ex Myanmar, cf. *Saccolabium collettianum* King & Pantl.1897. syn. *Robiquetia pachyphylla*.

collettii: listed for orig.coll., botanist and naturalist, General Sir Henry Collett (1836-1901). ex Assam, India, cf. *Bulbophyllum collettii* King & Pantl.1897.

colleyi: listed for orig.coll., A.Colley (+ of). A mercenary who worked for James Bateman of Eng. (see *Batemaniana*). ex Guyana, cf. *Batemaniana colleyi* Lindley 1835.

collicensis: from Collico (?). Listed as ex Chile, noted three villages, of this name in sthn. Chile. It's also possible the specep. could mean: from a hilly region, or hilly place (ref. *collinus*, *colliculus* + *-ensis*). cf. *Chloraea collicensis* Kraenzl. syn. *C. lechleri*.

colliculate: refs. to a surface condition. Ref. *colliculus*: small hill + suffix: like, or having small hills. Lumpy; having many small lumps.

colliferum: *colli-*, could be for a few different things. Ref. *collare*: collar; *collum*: neck, or *collinus*: of hills (?) *-fer*: bearing. Maybe for a pseudobulb., the lower half partly sheathed (: a collar), or ref. the column (: neck), or ref. the warty lip (: of hills)? They are all applicable, cf. *Bulbophyllum colliferum*.

collina: ref. *collinus*: of hills. Listed to be for it's hilly habitat. cf. *Pterostylis collina*. Noted as endemic to NSW., Aust.

collinsii: listed for the Rev. Ronald Collins (+ of). cf. *Cadetia collinsii* Lavarack 1981. Noted as endemic to nth. Qld., Aust.

collinum: of hills. Listed for its hilly habitat. cf. *Bulbophyllum collinum*. Pers.coll., common ex PM.PNG.

collinus: of, belonging, or relative to hills. Noted it likes to grow at the top of hills, in very exposed conditions. cf. *Cyphochilus collinus*. syn. *Appendicula collina*.

collosa: see *collose*. cf. *Acineta collosa*. syn. *A. superba*.

collose: ref. *kolla*: glue + (Eng.) suffix: gluey; sticky; glue-like.

collum-cygni: neck + swan. cf. *Aerangis collum-cygni*.

x *Colmanara*: auct.: of, or belonging to Colman, see *colmanii*. On the syn. list, noted as the result of *Miltonia* x *Odontoglossum* x *Oncidium*.

colmanii: listed for Sir Jeremiah Colman (1859-1942) [Eng.], noted grower and author. ex Ecuador, etc., cf. *Acineta colmanii* Hort.c1904. syn. *A. superba*.

colomaculosum: *colo-* may be a contraction of colour, and/or ref. *kolos*: shortened (?) + with many spots. cf. *Bulbophyllum colomaculosum*.

colombiana: of, or belonging to Colombia. cf. *Sertifera colombiana* Schltr.1920.

Colombiana: Ospina 1973: of, or belonging to Colombia. syn. *Pleurothallis* R.Br.

colombianum: as *colombiana*. cf. *Campylocentrum colombianum* Schltr.1920.

colonense: from Colón Prov., Panama. cf. *Epidendrum colonense* Ames 1922. syn. *E. sculptum*.

colony: I didn't realise I was using this word incorrectly and that the word should be "population", in ref. to a large group of the one species. A "colony" is a relatively large group of different species living in close harmony.

color: descwd.+ used in combwds.: lustre; hue; complexion; colour.

coloradensis: for place name: from Colorado state, USA. cf. *Corallorhiza corallorhiza* var. *coloradensis* Cockerell. syn. *C. trifida*.

colorans: colouring. cf. *Prescottia colorans*. syn. *P. stachyodes*.

colorata: coloured. Has to ref. to the leaves. (See physurids). cf. *Goodyera colorata*.

coloratum: coloured. cf. *Bulbophyllum coloratum*.

coloratus: coloured. cf. *Hapalochilus coloratus*. syn. *Bulbophyllum coloratum*.

colossa: as *colossus*. cf. *Mormodes colossa*.

colosseum: ref. *colosseus*: gigantic; huge, etc. cf. *Bulbophyllum lobbii* var. *colosseum*. syn. *B. lobbii*.

colossus: ref. *kolossos*: huge; of great strength, or stature, etc. cf. *Mormodes colossus*.

colothrix: short hair. Ref. *kolos*, *kolobos*: shortened; clipped, etc.+*-thrix*: (of) hair. cf. *Myoxanthus colothrix*.

colubrimodum: ref. *colubra*: snake (+ ref. *colubrinus*: snake-like, + Eng., colubrine: of, or to do with certain snakes, as garter snakes, etc.).+ Ref. *modus*: way; manner; method. Refs. to its sinuous, creeping habit. cf. *Bulbophyllum colubrimodum*.

colubrina: ref. *colubrinus*, see *colubrimodum*. cf. *Phyllorchis colubrina* syn. *Bulbophyllum colubrinum*.

colubrinum: as *colubrinus*. cf. *Bulbophyllum colubrinum*.

colubrinus: descwd., snake-like. See *colubrimodum*.

columbae: ref. *columba* (+ of): a dove (bird). ex Thailand, cf. *Habenaria columbae* Ridl.1900. syn. *H. lindleyana*.

columbiana: this one is listed as ex Colombia, so the specep. may be an error for Colombia (+ belonging to). But, have noted **Columbia** village, Risaralda Department, Colombia (?). cf. *Jacquinella columbiana* Schltr.1920.

columbianum: belonging to Columbia. Listed as ex westn. Canada, British Columbia and n.west USA., where there are many places with Columbia in the name (in some way, as a town, county, mtns. river, lake, a region, island, etc.). cf. *Cypripedium x columbianum* Sheviak 1992.

columbianus: noted as a vague colour term: dove coloured; shades of grey.+ See *columbae*.

column: listed as adapted from *columna*: pillar; column. The central stem of the flower. The structure above the ovary, where all reproductive organs are fused into the

one unit and from this radiate the floral segments. To be more scientific, can be called the gynostemium (I'll stick to column, thanks).

columnae: pillars; columns. cf. *Serapias columnae*.

column-foot: an extension of the column to the ovary. Can be non-existent, short, or remarkably long. + Can have other distinguishing features important in phytology.

columnar: descwd.: like, of, or to do with the column.

columnaris : see columnar. cf. *Elleanthus columnaris*.

com-: used in combwds., same as *co-*, *con-*: with, etc.

comadresina: as this species is listed as ex Cuba, the specep. may be a mix of Spanish and Latin. It's possibly ref. *comadre*, the feminine form of *compadre*: friend; mate, etc., the "s" is a spacer + see *-ina*: of, etc. (?). cf. *Lepanthes comadresina*.

comans: ref. *coma* + *-ans*: tufting; being hairy. cf. *Thrixspermum comans*.

comata: ref. *coma*, *come*: hair; tuft + suffix: like; having. cf. *Flickingeria comata*. Pers.coll., common ex PM.PNG. An odd plant with apical branching stems and lovely "one day" flowers. I liked one of the old synonyms, *Ephemerantha thysanochila* which described it perfectly. This freely trans.: one day flower with a tuft on the lip. See sketch and notes at "E".

comate: ref. *comatus*: tufted. Usually of hairs, but leaves and other organs etc., can be comate.

comatum: see *comata*, *comate*. cf. *Dendrobium comatum*. syn. *Flickingeria comata*.

comayaguense: as next entry. cf. *Epidendrum comayaguense* Ames 1933. syn. *E. cerinum*.

comayaguensis: from the Montañas de Comayagua, Comayagua Department, Honduras. cf. *Pleurothallis comayaguensis* Ames 1936.

comberi: cf. *Bulbophyllum comberi* J.J.Verm.1990. Noted he named it for a friend and colleague J.(Jim) B.Comber, phytologist, collector and authority, esp. on Javanese orchids. + Author, ref. his "Orchids of Java", from which I got some good information.

comberipictum: see *comberi* + painted. Was probably compared to *Bulbophyllum comberi* + being more colourful (?). cf. *Bulbophyllum comberipictum* J.J.Verm.2002.

combusta: ref. *combustum*: burnt up. + Can mean: burned by the sun; combust (that which is burned); consumed; ruined. cf. *Habenaria combusta*. syn. *H. peristyloides*.

comet-halleyi: possibly commemorates the visit of Halley's comet in 1986. Perhaps this species was first found in '86 and not published until '87 (?). ex Costa Rica, Nicaragua and Panama, cf. *Lepanthes comet-halleyi* Luer 1987. syn. *L. helleri*.

comica: ref. *comicus*, *komikos*: of comedy; laughable; funny. cf. *Stelis comica*.

comigera: ref. *come*: tuft (see *comate*) + bearing. cf. x *Orchigymnadenia comigera*. syn. *Gymnadenia conopsea*.

cominsii: listed for orig.coll., the Rev.R.B.Comins (+ of). ex the Solomon Islands, cf. *Macodes cominsii* (Rolfe) Rolfe 1911.

Commelina: L. Did this separate to aid the next entries and save much repetition.: Listed as the typical genus of the spiderwort family (: ground cover and weeds), *Commelinaceae* (not orchids). + See *Tradescantia*.

commelinifolia: see *Commelina* + leaf. cf. *Malaxis commelinifolia*.
commelinifolium: as *commelinifolia*. cf. *Crepidium commelinifolium*. syn. *Malaxis commelinifolia*.
commelinifolius: as *commelinifolia*. cf. *Physurus commelinifolius*. syn. *Platythelys querceticola*.
commelinispathum: see *Commelina* + spathe. cf. *Epidendrum commelinispathum*.
Commelinodes: see *Commelina* + resembling.= *Microstylis* and *Malaxis* sections.
commelinoides: see *Commelina* + resembling. cf. *Aspidogyne commelinoides*.
commelynae: see *Commelina* + of. ex Tahiti (islands), cf. *Platylepis commelynae*.
commelyinaefolia: see *Commelina* + like + leaf. cf. *Microstylis commelyinaefolia*.
Commelynifoliae: see *Commelina* + leaves.= *Habenaria* section.
commersoniana: belonging to Commerson, see *commersonii*. ex Réunion Island, cf. *Cynorkis commersoniana* (A.Rich.) Kraenzl.1901.
commersonianus: as *commersoniana*. ex Réunion Island, cf. *Peristylus commersonianus* Lindley 1835.
commersonii: listed for botanist, naturalist and author, Philibert Commerson [+ of] (1727-1773). Descs. accr. to him are abbr. to: Comm. Noted as ex Réunion Island, east of Madagascar, cf. *Bulbophyllum commersonii* Thouars 1822.
commissibulbum: com-, as con-: with, etc. + see -missa: jutting, etc. + bulb(s). cf. *Bulbophyllum commissibulbum*.
commocardium: ref. *kommos*: adornment; decoration + ref. *kardia*: heart. Ref. the ornate heart-shaped labellum. cf. *Bulbophyllum commocardium*. syn. *B. discolor*.
communis: common (to); general. cf. *Pleione communis*. syn. *P. bulbocodioides*.
commutata: ref. *commutatus*: changed. cf. *Pterostylis commutata*. Noted as endemic to Tas., Aust.
commutatus: changed. cf. *Oligochaetochilus commutatus*. syn. *Pterostylis commutata*.
comorenses: from the Comoro Islands (correctly: Union of Comoros), east of Mozambique, Africa. cf. *Angraecum comorenses* Kraenzl. 1893. syn. *A. eburneum* ssp.*superbum*.
comorensis: as *comorenses*. cf. *Jumellea comorensis* (Rchb.f) Schltr.1915.
comorianum: of, or belonging to the Comoro Islands (see *comorenses*), Africa. Listed as ex Njazidja Island, cf. *Bulbophyllum comorianum* H.Perrier 1938.
comosa: see *comose*. cf. *Calanthe comosa*. syn. *C. triplicata*.
comose: ref. *comosus*: like, or having long hair; tufted; tuft-like. Can also ref. to having many leaves, or other organs, bunched together (: as tufted. But this is mostly expressed as, *caespitose*: bunched, etc.).
comosum: see *comose*. cf. *Bulbophyllum comosum*.
comosus: see *comose*. cf. *Cyclopogon comosus*.
compacta: ref. *compactus*: closely packed; condensed; bunched together. cf. *Thelasis compacta*.
compactum: as *compacta*. cf. *Dendrobium compactum*.
Comparettia: Poepp.& Endl.1836. Listed for Andrea Comparetti (1746-1801). Prof. of Botany and plant physiology of Padua Univ., Italy. Descs. accr. to him are abbr. to: Compar. ex Mexico, etc., eg. *Comparettia falcata*.

Comparettiinae: *Comparettia* + suffix denotes it's a subtribe.

compendium: in literature: a book, being an extract, abstraction, or summary of the essential details, of a much larger book. Abridged and concise, but still totally comprehensible to the original.

compereana: listed for phytologist and author, Pierre Compère (b1934). ex Zaire, Africa, cf. *Polystachya compereana* Geerinck 1985.

Comperia: there is a ref. to *Comperia comperiana* on the official list, and yet there isn't any listing for the genus (an oversight?). From a book I was working on, it was noted as ref.: *Comperia* K.Koch 1829, for the orig.coll., botanist, J.Compère. Monotypic, ex the Crimea Peninsula, Russia, cf. *Comperia comperiana* (Steven) Asch.& Graebn.

comperiana: see *Comperia* (+ belonging to). cf. *Comperia comperiana*.

complanata: see *complanate*. Probably refs. to the plant appearance and the leaves, as many *Oberonia* species appear to be "flattened". cf. *Oberonia complanata*.

complanate: ref. *complanatus*: flattened out.

complanatum: see *complanate*. Ref. the roots. cf. *Taeniophyllum complanatum*.

complanatus: see *complanate*. cf. *Sarcophilus complanatus*. syn. *Thrixspermum complanatum*.

complectens: with twistings; plaiting; interwoven, etc. cf. *Dendrochilum complectens*.

complicata: see *complicate*. cf. *Lepanthes complicata*.

complicate: ref. *complicatus*: fold together, ex *complicare*: to fold + suffix: folded; pleated; folded upon itself. + See *com-*+ *plicate*.

complicatum: see *complicate*. Noted as ref. the stipe and viscidium. cf. *Cleisostoma complicatum*.

Complicatum: see *complicatum*. = *Cleisostoma* section.

complicatus: see *complicate*. cf. *Sarcanthus complicatus*. syn. *Cleisostoma complicatum*.

composita: see *compositum*. cf. *Lepanthes composita*.

compositum: ref. *compositus*: put together; aggregated; well-arranged; united; compound. Noted, this one has a "head" of flowers, likened to being only one flower (a "double"). cf. *Epidendrum compositum*. syn. *E. coronatum* (: having, or like a crown).

compost: common term for decaying mixed organic and vegetable matter. Very popular with home gardeners and commercial growers alike, as a natural fertilizer and soil enricher. Usually dug into the soil, but is often used on the surface, as a mulch (see "M").

compound: made up of more than one similar parts. Opposite to simple.

compressa: see *compressus*: flattened. Noted as ref. the pseudobulbs. cf. *Flickingeria compressa*.

compressibulba: flattened + bulb. cf. *Maxillaria compressibulba*. syn. *M. alpestris*.

compressibulbum: flattened + bulb. cf. *Desmotrichum compressibulbum*. syn. *Flickingeria forcipata*.

compressicalcar: flattened + spur. cf. *Mediocalcar compressicalcar*. syn. *M. bifolium*.

compressicaule: flattened + ref. *caulis*: stem; stalk. cf. *Angraecum compressicaule*.

compressicaulis: as *compressicaule*. cf. *Coelogyne compressicaulis*.

compressicolle: flattened + *colle*, ref. *collum*: neck. Noted the dimorphic stem becomes compressed at the apex. cf. *Diplocaulobium compressicolle*.

compressiflora: see *compressus* + flower. cf. *Orchis compressiflora*. syn. *O. mascula*.

compressilabellatum: see *compressus* + labellum + suffix: like, or having a compressed, or flattened lip. Listed as ref. the basal portion of the labellum. cf. *Bulbophyllum compressilabellatum*. Noted as endemic to PNG.

compressimentum: flattened + see *mentum*: chin. Or, see *-mentum*: result of an action. cf. *Dendrobium compressimentum*.

compressimentus: as last entry. cf. *Eurycaulis compressimentus*. syn. *Dendrobium compressimentum*.

compressistylum: flattened + see *style* (: column). cf. *Dendrobium compressistylum*.

compressoclavata: see *compressus* + see *clavate*. cf. *Eria compressoclavata*.

compressum: see *compressus*. Ref. the flattened pseudobulbs. cf. *Bulbophyllum compressum*.

compressus: descwd. Compressed; flattened; pressed together. Often laterally and sometimes causing distortion of the organs, or parts.

compressus: see *compressus*. cf. *Gastrochilus compressus*. syn. *Robiquetia compressa*.

compta: ref. *comptus*: elegant; adorned. cf. *Calcearia compta*. syn. *Corybas comptus*.

x *Comptoglossum*: Karatzas 2004: elegant; adorned + tongue. But, more likely the name is from the parents, cf. *Comperia* x *Himantoglossum*. Noted as endemic and monotypic to the eastn. Aegean islands. cf. x *Comptoglossum agiasense*.

comptonii: listed for orig.coll., phytologist Robert Harold Compton MA. (1886-1979). ex New Caledonia, cf. *Dendrobium comptonii* Rendle 1921. syn. *D. gracilicaule* var. *howeanum*.

comptum: see *compta*. cf. *Distylodon comptum* Summerh. Noted as monotypic and endemic to Uganda, Africa.

comptus: see *compta*. Ref. the flower. cf. *Corybas comptus*.

con-: used in compwds., same as *co-*, *com-*: with, etc. Can also be: *col-*, *cor-*, in grammatical changes.

conanthera: maybe *con-*: with, etc., or it's a contraction of *konos*, *conus*: cone + see *anther* (?). cf. *Pleurothallis conanthera*. syn. *P. pachyglossa*.

conanthum: ref. *conus*, *konos*: cone + flowers (ref. the raceme: bunched and having a cone shape?). cf. *Dendrobium conanthum*.

concatenatum: see *con-*: with, etc.+ see *catenata*: having, or like a chain. Is also the one word, ref. *concatenatus*: joined; linked. Possibly ref. the pseudobulbs + the rhizome (as, a "chain"). cf. *Bulbophyllum concatenatum*.

concava: see *concave*. Refs. to the sepals. cf. *Pterostylis concava*. Noted as endemic to West.Aust.

Concavae: see *concave*. Ref. the labellum.= *Stelis* section. syn. *Stelis* section *Stelis*.

concave: ref. *concauus*: hollowed; curved inwards; an inward curved depression. Opp. to *convex*.

concauibasalis: *concave* + of the base. Ref. the labellum. cf. *Bulbophyllum concauibasalis*. Noted as endemic to Papua, Indon.

concauiflora: *concave* + flower. cf. *Pleurothallis concauiflora*.

concaivilabia: concave + lip. cf. *Maxillaria concaivilabia*.

concaivilabium: concave + lip. cf. *Epidendrum concaivilabium*.

concaivipetala: concave + petals. cf. *Aerangis concaivipetala*.

concaivissima: as *concaivissimum*. cf. *Coelandria concaivissima*. syn. *Dendrobium obtusum*.

concaivissimum: concave + suffix, an emphasis: very, etc. Ref. the labellum. cf.

Dendrobium concaivissimum. syn. *D. obtusum*.

concaivum: ref. *concaivus*, see concave. Ref. the labellum. cf. *Taeniophyllum concaivum*.

concaivus: concave. cf. *Oligochaetochilus concaivus*. syn. *Pterostylis concaiva*.

conceptionis: could be: of The Conception (Christian tenet). More likely for a place name: of Concepción. Listed as ex Colombia, there are quite a few towns and villages of this name. cf. *Trichopilia conceptionis* Kraenzl.1920.

conch-, *conchi-*, *concho-*: used in combwds. Did this separate to aid the next entries and to save much repetition. Ref. *konchos*: a mussel shell; shell of a mollusc; like the half-shell of a bivalve mollusc, often likened to a spoon. Any organ, or part that could be alluded to resemble the shape (: *conchatus*). + See conchiform.

conchaceum: see *conch-*+ see *-acea*: like, etc. cf. *Zygopetalum conchaceum*. syn. *Cochleanthes flabelliformis*.

conchaechila: see *conch-*+ lip. cf. *Encyclia conchaechila*. Was listed as such, but has to be an error, as it's not on the official list, so cf. *Encyclia conchichila*. syn. *E. flava*.

conchatus: descwd., see *conch-*+ suffix: like (shaped).

conchichila: see *conch-*+ lip. cf. *Encyclia conchichila*. syn. *E. flava*.

conchichilum: see *conch-*+ lip. cf. *Epidendrum conchichilum*. syn. *Encyclia flava*.

conchidioides: see *conch-*+ like + resembling. cf. *Bulbophyllum conchidioides*.

Conchidium: Griff.1851: see *conch-*+ dimin.: a small mussel shell. eg. *Conchidium pusillum*. syn. *Eria pusilla*.

Conchidium: as last entry.= *Eria* section.

conchifera: see *conch-*+ see *-fer*: bearing, cf. *Phyllorkis conchifera*. syn. *Bulbophyllum khasyanum*.

conchiferum: as *conchifera*. Ref. the large spatulate lip. cf. *Angraecum conchiferum*.

conchiflora: see *conch-*+ flower. cf. *Masdevallia coccinea* var. *conchiflora*.

conchiform: A general word: shell-shaped. Not used very often as it gives the wrong impression and it can cover so many different kinds of shells. + In English, a conch is nothing like a mussel. The bot. Latin, *conchiformis* is often seen in descriptions, see *conch-*, ref. *konchos*: listed as a mussel (shell) + *formis*: having the shape, or form of.

conchiformis: descwd., see *conch-*+ shape; form. + See conchiform.

conchilabia: see *conch-*+ lip. cf. *Lepanthes conchilabia*.

Conchochilus: Hassk.1842: see *conch-*+ lip. eg. *Conchochilus disticus*. syn. *Appendicula pendula*.

conchochilus: see *conch-*+ lip. cf. *Elleanthus conchochilus*. syn. *E. conifera*.

Conchoglossum: see *conch-*+ tongue.= *Angraecum* section.

conchoglossum: see *conch-*+ tongue. ex Madagascar, etc., cf. *Angraecum conchoglossum*. syn. *A. germinyanum*.

conchoidea: resembling mussel shells (albeit, very small). Ref. the bracts of the raceme. cf. *Pholidota conchoidea*. syn. *P. imbricata*. Pers.coll., very common and a definite “botanical”, ex PM.PNG. + See *imbricata*.

conchopetala: see *conch*-+ petals. cf. *Pleurothallis conchopetala*. syn. *P. laevigata*.

conchophyllum: see *conch*-+ leaf. cf. *Bulbophyllum conchophyllum*.

concinna: see *concinus*. cf. *Pterostylis concinna*. Noted as endemic to s.east Aust.

concinatus: descwd., see *concinna*. Ref. *concinus* + suffix, mostly: neatness; elegance; harmonious of parts, etc.

concinnum: see *concinna*. cf. *Prasophyllum concinnum*. Noted as endemic to Tas., Aust.

concinus: descwd.: symmetrical; shapely; attractive; well arranged; tidy; lovely; pretty; pleasant; neat; elegant, etc.

concolawre: on the syn. list, it was coined from the parental speceps. of *Paphiopedilum concolor* and *P. lawrenceanum*. cf. *Cypripedium* x *concolawre* auct.

concolor: for us this has become accepted as the one word and I have noted it used in general discussions: (of the) same colour; uniform in colour. Often as not, with closer scrutiny, the flower has other colours, but the first impression is that it is all the same colour.

concolor: see *concolor*. cf. *Caladenia concolor*. Noted as endemic to s.east Aust.

concrecence: of two or more originally separate parts, growing together to form the one part. + Ref. *concrecent*.

concreta: ref. *concretus*: stiff; hardened, etc. cf. *Polystachya concreta*. Of interest, this species is noted to have been found from c40 different countries (from China, around to Mexico, Sth.America and the Caribbean islands + see *Polystachya*). Imagine the work of phytologists, trying to sort out all the different names (and there are many!).

concretum: as *concreta*. cf. *Epidendrum concretum*. syn. *Polystachya concreta*.

concretus: descwd.: hardened; thickened; stiffened.

condensa: ref. *condensare*: to compress; to gather in a bunch, or cluster, etc. cf. *Orchis condensa*. syn. *Dactylorhiza incarnata*.

condensata: ref. *condensatus*: densely compacted; bunched together, etc. cf. *Octarrhena condensata*.

condorana: Condor + belonging to, may also be for a place name. ex Zamora Chinchipe Prov., Ecuador, cf. *Scaphyglottis condorana* Dodson 1998. + See *condorensis*.

condoranus: as *condorana*. cf. *Cyclopogon condoranus* Dodson 1994.

condorens: see *condorensis*. Probably for a place name, listed as ex Morona-Santiago, Ecuador. cf. *Brachionidium condorens* L.Jost 2004.

condorensis: ref. condor (for the bird?) + origin; from. Could be an exotic ref. to its high altitude habitat (?). Or, more likely for a place name, as this is listed to be ex the Cordillera del Condór (mtn. range). Also ref. Condór (village) of Guayas Prov., Ecuador. cf. *Elleanthus condorensis* Dodson 1994.

conduplicans: folding together. cf. *Notylia conduplicans*. syn. *N. microchila*.

conduplicata: see *conduplicate*. cf. *Maxillaria conduplicata*.

conduplicate: ref. *conduplicatus*: folded together along the full length, narrowly V-shaped in section, eg. a conduplicate leaf.

conduplicatum: see conduplicate. cf. *Dipodium conduplicatum*.

condyl-, *condylo-*: used in combwds.. Can be confusing, ref. *kondylos*: knob; knuckle; joint. Mostly refs. to an organ, or part having a rounded knob-like end, similar to the ball, of a "ball and socket" joint (+ see *glenion*: the "socket").+ Can ref. to this complete type of articulation. In some other flora "*condylus*" has an involved explanation concerning seed (not orchids).

Condylago: Luer 1982: see *condyl-*: knuckle (joint) + suffix: like, etc. Listed as ref. the labellum joint to the column (the complete unit, inc. the *glenion*). syn. *Stelis* Sw.

condylata: see *condyl-*+ suffix: like; having. cf. *Pleurothallis condylata*.

condylobulbon: see *condyl-*+ bulb. cf. *Liparis condylobulbon*. Pers.coll., ex Itikinu, PM.PNG.

condylochilum: see *condyl-*+ lip. Listed as ref. the small rounded calli of the lip. cf. *Epidendrum condylochilum*. syn. *Encyclia livida*.

condylosepalum: see *condyl-*+ sepal. cf. *Porroglossum condylosepalum*.

conferta: see conferted. Ref. the crowded "head" of flowers. cf. *Maxillaria conferta*.

conferted: ref. *confertus*: crowded; dense; pressed closely together.

confertiflora: see conferted + flowers. cf. *Pterostylis confertiflora*. syn. *P. venosa*.

confertum: see conferted. Listed as refs. to the bracts. cf. *Taeniophyllum confertum*. Noted as endemic to nth. Qld., Aust.

confinale: ref. *confinis*: adjoining; neighbouring; bordering + suffix: relative to. cf. *Dendrobium confinale*.

confluens: see confluent. Ref. the colours. cf. *Diplocaulobium confluens*.

confluent: ref. *confluens*: flowing together. Blended.

conformis: *con-*: same + *formis*: shape. + Can be the one word: same; similar; with the same shape. cf. *Eleorchis conformis*. syn. *E. japonica*.

confragosum: ref. *confragosus*: broken; rough, etc. cf. *Oncidium confragosum*. syn. *Oncidium viperinum*.

Confucius: did a separate entry as have had to ref. to him a few times. A revered Chinese philosopher (551?-479? BC.). Noted, his real name was K'ung Ch'iu and he became known as K'ung-fu-tzu: Great Master K'ung and this was Lat'd. to: Confucius. A little more trivia: ever wondered why it is always, "Confucius said..."?, it's because it is not known if he could write and nothing has ever been found that he wrote personally. + See *lan*, *kanran*.

confundens: mixing; pouring together. cf. *Dendrobium confundens*.

confusa: ref. *confusio*, *confusionis*: disorderly; confused; mixed. Alluding to the flowers appearing tangled, confused. cf. *Spathoglottis confusa*.

confusoides: see *confusa* + like, or it may have been compared to *Lepanthes confusa* (+ *oides*: resembling?). cf. *Lepanthes confusoides*.

confusum: as *confusa*. cf. *Dendrobium confusum*. Pers.coll., fairly common ex PM.PNG. syn. *D. sphenochilum*.

confusus: as *confusa*. cf. *Elleanthus confusus*.

congener: listed as coined from *con-*: same + ref. *genera*: type; kind. Of related genera, eg. *Laelia* and *Cattleya* are congeners.

congenera: same + kind. cf. *Appendicula congenera*.

congenerum: same + kind. cf. *Podochilus congenerum*. syn. *Appendicula congenera*.

congesta: ref. *congestus*: crowded together. Possibly ref. the mass of black shiny calli at the labellum apex. cf. *Caladenia congesta*. Noted as endemic to s.east Aust.

congestiflora: as *congestiflorus*. cf. *Lepanthopsis congestiflora*. syn. *L. densiflora*.

congestiflorum: as *congestiflorus*. cf. *Bulbophyllum congestiflorum*.

congestiflorus: crowded together + flowers. cf. *Stenorrhynchus congestiflorus*.

congestoides: crowded together + resembling. Was possibly likened to *Epidendrum congestum* (syn. *Nanodes congesta*). cf. *Epidendrum congestoides*. syn. *Nanodes discolor*.

congestum: see *congestus*. May be for the roots, or the leaves, both are “crowded”. cf. *Thrixspermum congestum*. Pers.coll., common ex PM.PNG.

congestus: crowded together; dense; thick. cf. *Cyclopogon congestus*.

conglomerate: ref. *con-*: together + ref. *glomus*: a clew (: ball) of yarn + suffix: like.

Clustered; gathered into a loose rounded mass. + Ref. (geo.) conglomerate rock: a marvellous host, but very treacherous underfoot. Composed of all sizes of rounded stones held together with a primaeval, hard, clayey paste. Common on the Sogeri Plateau, PM.PNG. and all outcrops were well worth investigating. I was often very surprised at the quantity and quality of the species to be found growing on it, inc. many epiphytes.

conglomeratus: descwd., was in a description and ref. to the flowers. See conglomerate: clustered loosely into a ball.

conglutinata: ref. *conglutinus*: (as if) glued together; firmly joined. Ref. the lateral sepals. cf. *Glomera conglutinata*. Noted as endemic to Papua, Indon.

congoensis: for place name: from Congo, Africa (? there are two: Congo and the Democratic Republic of Congo). cf. *Brachycorythis congoensis* Kraenzl.1898.

congolanium: not sure why the “l” is in the middle, but it does come from the Congo areas of Africa. With the suffix (: belonging to), it could be for the indigenous “Kongo” people (?). + See *congolense*. cf. *Bulbophyllum congolanum* Schltr.1901. syn. *B. scaberulum*.

congolense: for place name (+ from), listed to be from the Belgian Congo region (now, the DRC.: Democratic Republic of Congo), Africa. + See *congolanum*. cf. *Megaclinium congolense* DeWild.1903. syn. *Bulbophyllum imbricatum*.

congolensis: see *congolense*. cf. *Ansellia congolensis** syn. *A. africana*. *May be an error as there isn't any official listing for this.

congruens: ex *congruus*, with *-ens*: agreeing (with); congruity. cf. *Pleurothallis congruens*. syn. *P. cogniauxiana*.

conica: ref. *konikos*: like a cone; conical. Alluding to the inflo. shape. cf. *Orchis conica*. syn. *Neotinea tridentata* ssp.*commutata*.

conical: as in English: like a cone; likened to the geometrical shape, with the larger portion at the attachment. Can apply to any organ, part, or a group. + See obconical.

conicostigma: ref. *konikos*: cone-like + *stigma*. cf. *Pleurothallis conicostigma*.

conicum: as *conica*. cf. *Dendrobium conicum*.

conifer: an Eng. adaption of *conus*, *konos* + *fer*: cone + bearing. Common term for kinds of trees, see *Coniferae*; gymnosperm.

conifer: cone + bearing. cf. *Elleanthus conifer*.

conifera: cone + bearing. cf. *Trichotosia conifera*.

Coniferae: freely trans.: those bearing cones, or: those that bear cones. An order of trees, eg. the Pine, Fir, Cedar, etc., in English each is a conifer.

coniferum: cone + bearing. Alluding to the shape of the inflo. cf. *Bulbophyllum coniferum*.

coniforme: cone + shape; form. cf. *Catasetum coniforme*.

conimbricensis: listed as the correct specep. for: from *Conimbrica*, once a Roman province, now ref. Coimbra District, west Portugal. cf. *Ophrys x eliasii* nothosubsp.

conimbricensis (O. & E. Danesch) H. Baumann & Künkele 1986.

conjoined: joined together; united; combined.

conjuncta: ref. *conjunctus*: united; joined; connected. cf. *Lepanthes conjuncta*.

conmixta: see *con-* + mixed. cf. *Stelis conmixta*.

connata: see connate, cf. *Hetaeria connata*.

connate: joined: inseparable. Joined as a genetic trait. United, esp. ref. to like parts, eg. sepals joined to become one are described as: connate sepals.

connatum: see connate. cf. *Dendrobium connatum*.

connexicostatum: see. *connexus* + *costate*: ribbed. cf. *Diplocaulobium connexicostatum*.

connexiva: as *connexus* + see *-iva*: like, etc. cf. *Glomera connexiva*. syn. *G. papuana*.

connexus: descwd.: join; connect; fasten; bind, etc.

connivens: see connivent. ex Sth. africa, cf. *Pterygodium connivens*.

connivent: ex *connivere*: lit., to shut the eyes. Convergent, but not fused: shut; closed, etc.

conoceras: cone + horn. The spur was likened to a cone. cf. *Taeniophyllum conoceras*.

conocharis: *con-*: with, etc., or could be ref. *conus*, *konos*: cone + see *-charis*: beauty; pleasure, etc. cf. *Polystachya conocharis*. syn. *P. melanantha*.

conochila: cone + lip. cf. *Pleurothallis conochila*.

conoglossa: this is listed for a natcross, cf. *Pterostylis x conoglossa* Upton 1967. The specep. was probably taken from the parents, cf. *Pterostylis concinna* x *P. ophioglossa*. Noted as endemic to NSW., Aust.

conopodes: ref. *konops*: a midge; gnat, etc. + resembling. Many *Habenaria* species have flowers that are often likened to some kind of small insect. cf. *Habenaria conopodes*.

conopsea: *con-*: together + *-opsea* (ex *opsios*?): late. Some refs. say it's ex *konos*: a fly + see *-ops*: face, or *-opsis*: appearance. Or, ref. *konops*: a (small) fly; gnat, etc. (?). But, it's also noted it does flower "late" (compared to others). cf. *Gymnadenia conopsea*.

conopseum: see *conopsea*. cf. *Dendrochilum conopseum*. syn. *D. pallidiflavens*.

Conopsidium: Wallr.1840: ref. *konops* + like + dimin.: like a small fly, or gnat. syn.

Platanthera Rich.

Conostalix: (Kraenzl.) Brieger 1981: cone + see *stalix*: stake. Could be an oblique ref. to the spur. eg. *Conostalix calcaratum* (: spur-like; spurred). syn. *Dendrobium lobbii* Teijsm.& Binn.

Conostalix: as last entry.= *Dendrobium* section. syn. *Dendrobium* section *Monanthos*.

conostalix: see *Conostalix*. cf. *Dendrobium conostalix*. syn. *D. lobbii*.

conostalyx: see *Conostalix*. cf. *Callista conostalyx*. syn. *Dendrobium lobbii*.

x *Conphronitis*: auct. On the syn. list (no further info.). cf. ***Constantia* x *Sophronitis***.

conquensis: for place name (+ from), listed as ex Álava Prov., nthn. Spain. cf. *Epipactis* x *conquensis* Benito & C.E.Hermos 1998.

consanguinea: I said: with + blood, ie. having bloodstains, blotches, etc. But, it's listed as ref. *consanguineus*: related by blood; a relative, etc. cf. *Maxillaria consanguinea*.

consanguineum: as *consanguinea*. cf. *Dendrobium consanguineum*.

consatae: of Consata, a town of La Paz Department (admin. division), Bolivia. cf.

Pleurothallis consatae Luer & R.Vásquez 1999.

consimilis: with similarities; rather alike (obviously, to another of its ilk). cf. *Pleurothallis consimilis*. syn. *P. yauaperyensis*.

consobrina: ref. *consobrinus*: cousin (possibly, to another *Lycaste*?). cf. *Lycaste consobrina*.

conspecific: of like species. Often one is proven to be synonymous to the other. eg.

Dendrobium pierardii and *D. aphyllum* are conspecific and *D. pierardii* is syn. to *D. aphyllum*. + See sketch and notes at "A".

conspectum: wanted to split this up, but it's noted as one word, ref. *conspectus*:

conspicuous; highly visible. (Sure is!) cf. *Bulbophyllum conspectum*. syn. *B. sopoetanense*.

conspersa: ref. *conspersus*: sprinkled. cf. *Pleurothallis conspersa*.

conspersum: as *conspersa*. cf. *Bulbophyllum conspersum*.

conspicillata: ref. *conspicillum*: lens*(+ can be for glasses; spectacles) + suffix: like; having.

*Of interest, see *speculum*. cf. *Diuris conspicillata*. Noted as endemic to West.Aust.

conspicua: ref. *conspicuus*: obvious; conspicuous; prominent. cf. *Cryptostylis conspicua*.

conspicuum: as *conspicua*. cf. *Dendrobium conspicuum*. syn. *Flickingeria grandiflora*.

Constantia: Barb.Rodr.1877. Noted he named it for his wife and fellow enthusiast: of

Constança Barbosa-Rodriguez. ex Brazil, eg. *Constantia rupestris*.

constanzae: of Constanza, see *constanzensis*. cf. *Lepanthes constanzae* Urb.1917.

constanzensis: from Constanza. Can ref. to a major town in the central west, and/or for a village in the s.east of the Dominican Republic. cf. *Dendrophylax constanzensis* (Garay) Nir 2000.

constellata: con-+ *stellata*: with + star-like. cf. *Cynorkis constellata*.

constricta: see constricted. cf. *Pterostylis constricta*. syn. *P. scabra*. Noted as endemic to West.Aust.

constricted: ref. *constrictus*: cramped; contracted; compressed; drawn together.

constrictilabre: see constricted + lip. cf. *Bulbophyllum constrictilabre*. syn. *B. cylindrobulbum*.

constrictum: see constricted. cf. *Prasophyllum constrictum*. Noted as endemic to sthn. Aust.

constrictus: see constricted. cf. *Peristylus constrictus*.

contaypacchaense: for place name (+ from), only listed as ex Peru. cf. *Odontoglossum contaypacchaense* D.E.Benn.& Christenson 2001.

contigua: as contiguous. cf. *Diphylax contigua*.

contiguous: ref. *contiguus*: touching; bordering; adjacent; near; close, etc.

contingens: see *con-*+ ref. *tingens*: lit., (a) dyer, or of dyeing. Ref. to the colours, (as if) dyed. cf. *Lepanthes contingens*.

contorta: see *contortus*. cf. *Restrepia contorta*.

contortisepalum: twisted (+ see *contortus*) + sepals. Ref. the long tails of the lateral sepals twisted together. cf. *Bulbophyllum contortisepalum*. Monanthous and very lovely, I found two forms (of size) with this species: one large flowered and the other relatively small, without any obvious differences. Both fairly common, ex PM.PNG.

contortum: see *contortus*. cf. *Prasophyllum morrisii* var. *contortum*. syn. *Genoplesium morrisii*. Noted as endemic to s.east Aust.

contortus: descwd.. Can be confusing, as lit. does mean: twisted; turned, etc., but it also: means: complicated; intricate; involved. + Can infer: strong; powerful; very emphatic.

contracta: see contracted. cf. *Thelasis contracta*. syn. *T. micrantha*.

contracted: ref. *contractus*: drawn together; compressed; bunched.

contractipetala: contracted + petals. cf. *Coelogyne contractipetala*.

Convallaria: a separate entry to save much repetition. Ref. *convallis*: a valley surrounded by hills + see *-are*: of; relative to. + Ref. the genus *Convallaria*, of the lily family, *Liliaceae*, commonly called "lily of the valley". Did this separate to aid the next few entries which all start with: *convallar-*, as the authors obviously saw something in them that they could liken to a *Convallaria*. Now, if an author refs. to a surface condition, or other feature like: having little valley(s) + *-opsis*: appearance, then surely the specep. would be: *convalliopsis* and not *convallariopsis*, which to me means: (having) the appearance of a *Convallaria*.

convallaria: see *Convallaria*. cf. *Pleurothallis convallaria*,

convallariae: see *Convallaria*. cf. *Pholidota convallariae*.

convallariifolia: see *Convallaria* + leaf. cf. *Orchis convallariifolia*. syn. *Platanthera hyperborea* var. *viridiflora*.

convallariiforme: see *Convallaria* + shape; form. cf. *Dendrochilum convallariiforme*.

convallarioidea: see *Convallaria* + resembling + of. cf. *Polystachya convallarioidea*. syn. *P. caespitifolia*.

convallarioides: see *Convallaria* + resembling. cf. *Listera convallarioides*.

convallariopsis: see *Convallaria* + appearance. cf. *Eria convallariopsis*.

convallenifolia: with + valley + leaf (note, it's not to do with a *Convallaria*). Ref. the folded leaf, (having) a valley + see *conduplicate*. cf. *Platanthera convallenifolia*. syn. *P. hyperborea*.

convallium: valleyed. cf. *Pleurothallis convallium*.

convencionis: may be for a place name, or perhaps it's Lat'd. Spanish: a meeting; convention + having the nature of; with, etc. Could be there was a small population of them (?). Listed as ex Colombia, cf. *Maxillaria convencionis* Kraenzl.1920.

convergens: leaning together. cf. *Epidendrum convergens*.

converging: ref. *convergens*: leaning together and almost touching. Convergent. + See *connivent*.

convex: ref. *convexus*: arched; having an outward curved surface. The outer surface of an arched part. Opposite to *concave*.

convexa: see *convex*. cf. *Flickingeria convexa*.

convexifolia: convex + leaf. cf. *Pleurothallis convexifolia*.

convexipes: convex + foot. cf. *Dendrobium convexipes*.

convexum: see *convex*. cf. *Dendrobium convexum*. syn. *Flickingeria convexa*.

convocarii: listed for orig.coll., Mr.Convocari ex Mindanao, Philipp. (the orig.colls. are listed as: Ramos and Convocari). As this is a synonym, there wasn't any other info. cf. *Dendrobium plicatile* var. *convocarii* Ames & Quis.. syn. *Flickingeria luxurians*.

convoluta: see *convolute*. Ref. callus ridges of the labellum mid-lobe. cf. *Dockrillia convoluta*. syn. *Dendrobium convolutum*.

Convolutae: see *convolute*. = *Eria* section.

convolute: ref. *convolutus*: rolled together so margins overlap. Furled like an umbrella. Rolled up, lengthwise.

convolutum: see *convolute*. From descriptions and drawings, can only presume it refs. to the labellum lateral lobes. cf. *Dendrobium convolutum*.

convolvulaceum: *con-*: with, etc.+ ref. *volvere*:to roll; turn around + dimin.+ suffix: like, etc. Ref. the long rhizomes are most often entwined. cf. *Oncidium convolvulaceum*. syn. *Otoglossum globuliferum*.

cookei: listed for phytologist and author, David Alan Cooke (b1949). ex Great Britain, cf. x *Orchigymnadenia cookei* Hosl.-Harr. syn. ("correct name" not given).

cookianum: listed for noted grower Malcolm S.Cook (+ belonging to) of Kingston Hill, Eng., first to flower it. ex Colombia, cf. *Odontoglossum* x *cookianum* Rolfe 1891.

cooksonianum: listed for noted grower Norman C.Cookson of Wylam-on-Tyne, Eng., first to flower it. cf. *Dendrobium nobile* var.*cooksonianum* Rchb.f.1885.

Cooktownia: D.L.Jones 1997: for place name: of Cooktown, a nth.Qld. coastal town and port (named for Capt.James Cook). eg. *Cooktownia robertsii*. Noted as endemic and monotypic to nth. Qld., Aust.

cooperi: listed for botanist, Elwood Cooper (1829-1918). ex Alaska to Mexico, cf. *Habenaria cooperi* S.Watson 1877. syn. *Piperia unalascensis*. + See next entry.

cooperi: listed for orig.coll., E.C.Cooper. ex Java, cf. *Eria cooperi* Summerh.1928. syn. *E. acuminata*. + See next entry.

cooperi: listed for C.B.Cooper of Johore Bahru, West Malaysia, first to flower it. cf. *Vanda x cooperi*, a reputed cross of *V. missjoaquim* x *V. hookeriana*. Mostly this cross is not recognised, as it occurred in Mr.Cooper's garden and could not happen in the bush.

cooperianum: listed for noted grower, P.Cooper of Old Kent Road, London, Eng. ex Guyana, or Brazil, cf. *Epidendrum cooperianum* Bateman 1867.

coordinatum: see *co-*: with, etc.+ *ordinatum*: regularly arranged, etc. (: with a regular arrangement?). cf. *Epidendrum coordinatum*.

copelandianum: belonging to Copeland. Listed for orig.coll., phytologist, Edwin Bingham Copeland (1873-1964). Descs. accr. to him are abbr. to: Copel. ex the Philipp., cf. *Dendrobium copelandianum* F.Muell.& Kraenzl.1895.

copelandii: as *copelandianum*. ex Mindanao, Philipp., cf. *Malaxis copelandii* Ames 1908.

copi-, *-copis*: ref. *kopis*; *kopidos*: a heavy knife; cleaver; axe; chopper. Used in combwds. for any organ or part likened to the shape. + It's possible, *copi-* could be as next entry.

copiosa: ref. *copiosus*: plentiful; abundant. cf. *Masdevallia copiosa*.

coplandii: is listed as *coplandii*. For orig.coll., the Rev.C.K.Copeland King (1863-1918), was with The New Guinea Mission (1891-1918). ex British New Guinea (now: Papua, of PNG.), cf. *Saccolabium coplandii* F.M.Bailey 1907. syn. *Micropera fasciculata*.

corae: listed for Mrs.Cora Steyermark, wife of the eminent Dr.Julian Steyermark (see *steyermarkii*). ex Venezuela, cf. *Stelis corae* Foldats 1968.

corall-: ref. *korallion*, *corallium*: coral. Used in combwds. and can be confusing, as whether for a shape (like coral), or colour. For the colour, see *corallinus*.

corallicola: coral + dweller. Listed as refs. to its habitat, lives among "coral-rock": outcrops of rock likened to grotesque coral. cf. *Basiphyllae corallicola*.

corallina: see *corallinus*. cf. *Microcoelia corallina*.

corallinum: see *corall-*+ see *-ina*: like, etc. cf. *Bulbophyllum corallinum*.

corallinus: listed as a vague colour term: coral-red. Usually among the redder pinks.

Coralliokyphos: Fleischm.& Rech.1910: see *corall-*+ *kyphos*: bent; hunched. Refs. to the labellum. ex Samoa, cf. *Coralliokyphos candidissimum*. syn. *Moerenhoutia heteromorpha*. Sorry, there's no cross-reference for *Moerenhoutia* Blume. It's obviously for a person's name, but I couldn't find any info.

Coralliorhiza: Asch.1864: see *Corallorrhiza*. syn. *Corallorrhiza* Gagnebin.

coralloides: see *corall-*+ resembling. cf. *Stelis coralloides*.

Corallorrhiza: Châtel.1760: see *Corallorrhiza*. syn. *Corallorrhiza* Gagnebin.

corallorhiziformis: coral + roots + shape. Maybe it was likened to *Corallorrhiza*, or the roots were likened to coral (?). cf. *Eulophia corallorhiziformis*. syn. *E. milnei*.

corallorhizon: see *corall-*+ roots, or rhizome (?), see *rhiza*). cf. *Dendrobium corallorhizon*.

corallorhizus: as *corallorhizon*. cf. *Eurycaulis corallorhizus*. syn. *Dendrobium corallorhizon*.

Corallorrhiza: Gagnebin 1755: see *corall-* + *rhiza*: root. Refs. to the shape of the lumpy, branching, coral-like roots and rhizome. Has a vast nthn. hemisphere distribution, eg. *Corallorrhiza trifida*.

corallorrhiza: see *Corallorrhiza*. cf. *Corallorrhiza corallorrhiza*. syn. *C. trifida*.

Corallorrhizinae: *Corallorrhiza* + suffix denotes it's a subtribe.

corallorrhizon: coral + root(s). cf. *Epidendrum corallorrhizon*. syn. *Corallorrhiza trifida*.

corazonica: belonging to Corazón. Noted three villages, with this name (in one form, or another) of Cotopaxi and Pichincha provinces, Ecuador. cf. *Masdevallia corazonica* Schltr.1921. + See next entry.

corazonis: of Corazón (? , see *corazonica*). Also, it's quite possible, this specep. may be Lat'd. Spanish (*corazón* + *-is*): of a heart (and could ref. to a leaf). cf. *Lepanthes corazonis* Schltr.1915. syn. *Trichosalpinx chamaelepanthes*.

corbeillense: my only ref. is to Corbeilles (+ from), a town of Loiret, Centre, France. Maybe for where it flowered in cultivation (?). cf. *Cypripedium x corbeillense* Maron (syn.).

corcovadensis: from Corcovado, or Corcovada (?). Have noted Morro de Corcovada, Corcovado mtns and Corcovado (mtn. peak), of Rio de Janeiro state, Brazil. cf. *Pseudolaelia corcovadensis* Porto & Brade 1935.

corcyrensis: from *Corcyra*: an ancient name for Corfu, or Kérkira island, n.west Greece. cf. *Ophrys x corcyrensis* Renz 1928.

cordanthemon: heart + flower. cf. *Saurolophorkis cordanthemon*.

Cordanthera: L.O.Williams 1941, ref. *cordis*: heart + anther. Probably for the anther cap (?). eg. *Cordanthera andina*. syn. *Stellilabium andinum*.

cordata: see cordate. Ref. the labellum. cf. *Octarrhena cordata*. Noted as endemic to PNG.

cordate: ref. *cordis*: heart + suffix: having, or like a heart; heart-shaped. Any organ(s) or part(s), that could be likened to the shape (see cordiform). + See obcordate.

cordatifolia: cordate + leaf. cf. *Pleurothallis cordatifolia*.

cordatiglandula: see cordate + small gland. cf. *Aerangis cordatiglandula*. syn. *Rangaeris rhipsalisocia*.

cordatiglandulum: see cordate + small gland. cf. *Angraecum cordatiglandulum*. syn. *Rangaeris rhipsalisocia*.

cordatilabia: heart-like + lip. cf. *Luisia cordatilabia*.

cordatiloba: heart-like + lobe. cf. *Spiranthes cordatiloba*. syn. *Sarcoglottis tenuis*.

cordatum: see cordate. cf. *Cymbidium cordatum*. syn. *Listera cordata*.

cordatus: see cordate. cf. *Peristylus cordatus*. syn. *Gennaria diphylla*.

cordeliae: the *-iae* may be a fem. suffix, for a Ms.Cordel, or perhaps it's for Cordelia + of (? , a lady's given name, which is also noted as orig. ex Lat., freely trans.: warm-hearted). Listed as ex Peru, could also be for a place name, but with the author of this species, it's possibly for "beauty" and could ref. to Cordelia: the third and youngest daughter of King Lear, of Shakespeare's tragic play (?). cf. *Lepanthes cordeliae* Luer 1992.

cordemoyi: listed for French phytologist and author, Philippe Eugene Jacob de Cordemoy [+ of] (1837-1911). Descs. accr. to him are abbr. to: Cordem. ex Réunion Island, Africa, cf. *Angraecum cordemoyi* Schltr.1915.

corderoana: for place name: belonging to Cordero, only listed as ex Ecuador. Noted some villages with this name, in one form, or another, from four different provinces in Ecuador. cf. *Masdevallia corderoana* F.Lehm.& Kraenzl.1925.

cordibractea: heart + bract + of. cf. *Stelis cordibractea*. syn. *S. purpurea*.

cordidactylus: heart + digit; finger. cf. *Elleanthus cordidactylus*.

cordifera: heart + bearing. Ref. labellum calli. cf. *Eria cordifera*.

cordifolia: heart + leaf. cf. *Pleurothallis cordifolia*.

cordifolium: heart + leaf. cf. *Mischobulbum cordifolium*.

cordiform: ref. *cordis*: heart + form; shape. Can apply to any organ, or part alluded to resemble a heart, having the small end as the apex, ie., away from the place of attachment. With the "heart" inverted and the small end at the point of attachment, this: obcordate.

cordiforme: see cordiform. cf. *Dendrobium cordiforme*.

cordiformis: see cordiform. cf. *Caladenia cordiformis*. syn. *C. clavigera*.

cordigera: heart + see -ger: bearing. Ref. the labellum. cf. *Encyclia cordigera*.

cordigeroides : heart + bearing + resembling. cf. *Serapias orientalis* var. *cordigeroides*. syn. *Serapias orientalis*.

cordigerum: heart + bearing. cf. *Cymbidium cordigerum*. syn. *Encyclia cordigera*.

cordiglossa: heart + tongue. cf. *Notylia cordiglossa*.

Cordiglottis: J.J.Sm.1922: heart + tongue. ex Borneo, eg. *Cordiglottis multicolor*.

cordiglottis: heart + tongue. cf. *Malaxis cordiglottis*.

cordilabia: heart + lip. cf. *Octomeria cordilabia*.

cordilabium: heart + lip. cf. *Bulbophyllum cordilabium*. syn. *B. cylindrobulbum*.

cordilabrum: heart + lip. cf. *Bulbophyllum cordilabrum*. syn. *B. cylindrobulbum*.

cordilinophyllus: was listed as such, but is possibly an error, see *cordylinophyllus*. Ref. *kordyle*: club + see -ina: like + leaf. cf. *Lissochilus cordilinophyllus*. syn. *Oeceoclades cordylinophylla*.

cordobae: for place name, only listed as ex s.west Ecuador (of Córdoba?). cf. *Dracula cordobae* Luer 1979.

Cordula: Raf.1838: a contraction of *kordyle*: club + dimin.(?). syn. *Paphiopedilum*.

cordulatum: like, or having a club, or a small club (?). cf. *Thrixspermum cordulatum*.

Cordyla: Blume 1825: ref. *kordyle*: club. eg. *Cordyla discolor*. syn. *Nervilia plicata*.

Cordylestylis: Falc.1842: club + style (: column). syn. *Goodyera* R.Br.

cordyline: ref. *kordyle*, *kordylinos*: club, club-like. cf. *Maxillaria cordyline*.

cordylinophylla: ref. *kordylinos*: club-like + leaf. cf. *Oeceoclades cordylinophylla*.

cordylinophyllum: as *cordylinophylla*. cf. *Eulophidium cordylinophyllum*. syn. *Oeceoclades cordylinophylla*.

cordylinophyllus: as *cordylinophylla*. cf. *Lissochilus cordylinophyllus*. syn. *Oeceoclades cordylinophylla*.

Cordylestylis: Falc.1842 (+ have noted *Cordylostylis*): ref. *kordyle*: club, etc. + see *style* (: column). syn. *Goodyera*.

coreana: Lat'd. spelling for place name: of, or belonging to Korea (Korean). cf. *Calanthe coreana* Nakai 1914.

coreanum: as *coreana*. cf. *Coeloglossum coreanum* (Nakai) Schltr.1920. syn. *Dactylorhiza viridis* var. *viridescens*.

coreosmus: ref. *koris*: a bug + ref. *osme*: smell (see *coriophora*). cf. *Orchis coreosmus*. syn. *Anacamptis coriophora*.

coriacardia: leathery, see coriaceous + heart. Refs. to a leaf. cf. *Pleurothallis coriacardia*.

coriacea: see coriaceous. cf. *Platyglottis coriacea*.

Coriaceae: see coriaceous.= *Masdevallia* section.

coriaceous: ref. *corium*: rind; hard outer skin; leather + suffix: like, etc. + Ref. *coriaceus*: leathery; leather-like. Resembling, relative to, having the appearance, or of a leathery texture. Of interest, see *sclerophyll*.

coriaceum: see coriaceous, or ref. *koris*: a bug + see *-acea*: like, etc.(?). cf. *Bulbophyllum coriaceum*.

coriaceus: see coriaceous, *coriaceum*. cf. *Gastrochilus coriaceus*. syn. *Angraecum coriaceum*.

coriculata: ref. *koris*: a bug + dimin.+ like; having. cf. *Erythrodes coriculata*.

coriifolia: see coriaceous + leaf. cf. *Stelis coriifolia*.

Coriifoliae: (those) with leathery leaves.= *Liparis* section.

coriifolium: leathery + leaf. cf. *Epidendrum coriifolium*.

coriifolius: leathery + leaf. cf. *Elleanthus coriifolius*.

corinthiaca: belonging to Corinth. Could ref. to the ancient city (or the modern), of the Isthmus of Corinth, and/or refs. to the area of the Gulf of Corinth, Greece. cf. *Ophrys corinthiaca* Hausskn.1899. syn. *O. ferrum-equinum*.

coriophora: ref. *koris*: a bug; bed-bug + see *-phora*: bearing. Not for any visible likeness, but is said to have the very unpleasant smell of bed-bugs. Back when this specp. was given (L. c1753), people may well have known this smell. cf. *Anacamptis coriophora*.

coriophoroides: ref. *corium*: rind; leather, etc. + bearing + like , or see *coriophora* + resembling. cf. *Stenoglossum coriophoroides*.

coriophorum: see *coriophora* (most likely, for its perfume) or, see coriaceous for the leathery leaf + bearing (? , should be the former). cf. *Bulbophyllum coriophorum* Ridl.1886.

coripatae: of Coripata, a town of La Paz Department, Bolivia. cf. *Pleurothallis coripatae* Luer & R.Vásquez 1980.

Corisanthes: Steudel 1840: ref. *korys*: helmet; cap + flower. Ref. the labellum. syn. *Cypripedium*.

coriscense: listed for place name: from Corisco Bay, Gabon, west Africa. cf. *Bulbophyllum coriscense* Rchb.f.1881.

coriscensis: as *coriscense*. cf. *Polystachya coriscensis* Rchb.f.1881.

corm: mostly for an underground tuberoid, or rhizomatous tuberoid. They can be of many varied shapes and sizes. + See tuber, tuberoid, rootstock.

cornanthera: horn + see anther (?). cf. *Epidendrum cornanthera*.

-corne, corni-, -cornis, cornu-, -cornum, -cornus: used in combwds., ref. *cornu*: horn.

Horned; horns; horn-like, etc., for any organ, part or group that could be alluded to having the likeness of a horn. Can often ref. to the spur.

corneliana: listed for orig.coll.: belonging to Cornelia Rudio. ex France, 1925, cf. *Nigritella corneliana* (Beauverd) Golz & Reinhard.

corneri: of Corner. Listed for phytologist and author, Eldred John Henry Corner (1906-1996). ex Peninsula Malaysia, cf. *Thrixspermum corneri* Holttum 1947.

cornicallosum: horn + with many calli, see callose. cf. *Epidendrum cornicallosum*.

cornicaulis: horn + stem; stalk. cf. *Liparis cornicaulis*. syn. *L. nervosa*.

cornicina: ref. *cornix*: a crow (bird) + *-ina*: like, etc. Or, ref. *cornicinis*: horn-blower, one who blows a horn. Listed as ref. apex of column. cf. *Thelymitra cornicina*. Noted as endemic to West.Aust.

corniculata: see corniculate. cf. *Pleurothallis corniculata*.

corniculate: ref. *corniculatus*: like, or having a small horn.

corniculatum: see corniculate. cf. *Epidendrum corniculatum*. syn. *Specklinia emarginata*.

corniculatus: see corniculate. cf. *Acianthus corniculatus*.

corniculum: sometimes seen in descriptions: small horn.

corniger: *corni-* + *ger*: horn + bearing. cf. *Dipteranthus corniger*. syn. *Zygostates cornigera*.

cornigera: horn + bearing. cf. *Polystachya cornigera*.

cornigerum: as *corniger*. cf. *Oncidium cornigerum*.

cornigerus: as *corniger*. cf. *Lissochilus cornigerus*. syn. *Eulophia livingstoneana*.

corningiana: listed for fancier, Erastus Corning, a congressman and railway executive of New York state, USA. ex Sarawak, Borneo, cf. *Phalaenopsis corningiana* Rchb.f.1879.

cornopica: could be translated as: horn + face; appearance, etc. + belonging to. Also ref. horn + *pica*: a magpie (bird). Perhaps it has some organ(s), or part(s) likened to a magpie's beak (?), have noted some other synonyms where it's alluded to a bird. eg., *Orchis ornithis*). cf. *Orchis cornopica* Mill.1768. syn. *Gymnadenia conopsea*.

cornualis: horn + see *-ale*: like, etc. cf. *Lepanthes cornualis*.

cornubiensis: Lat'd. spelling for place name: from *Cornubia*, now: Cornwall, Eng. cf. *Dactylorhiza cornubiensis* Pugsley. syn. *D. hebridensis*.

cornu-bovis: horn + ox; cow. cf. *Eurystyles cornu-bovis*.

cornu-cervi: horn + ref. *cervus*: stag; deer. Listed as, ref. the raceme axes likened to antlers. cf. *Phalaenopsis cornu-cervi* (Breda) Blume & Rchb.f.1860.

cornucopia: horn + ref. *copiosus*: well supplied; plentiful; abundant. The large horn-like labellum and spur almost hide the other floral segments. With the spelling, the specep. may well be a play on the word, cornucopia (English, cornucopia: "the horn of plenty"). Trivium, ref. Gk.myth.: Amalthea's* horn, from which spills out an eternal supply of wonderful foods, or wealth and riches. cf. *Teuscheria cornucopia*. *Amalthea is noted as a nurse to the baby Zeus, who became the supreme god.

cornuta: ref. *cornutus*: horn-like; horned. cf. *Thelymitra cornuta*. Noted as endemic to NZ.

cornutella: as *cornuta* + dimin.: having a small horn. cf. *Habenaria cornutella*.
cornutipetala: horn-like + petals. cf. *Lepanthes cornutipetala*.
cornutula: same as *cornutella*. cf. *Ophrys cornutula*.
cornutum: as *cornuta*. Ref. the stelidia (see "S"). cf. *Bulbophyllum cornutum*.
cornutus: as *cornuta*. cf. *Podochilus cornutus*.
coroicoense: for place name: from Coroico, a major town in the Yungas region, west Bolivia. cf. *Epidendrum coroicoense* Schltr.1929. syn. *E. secundum*.
corolla : dimin. of *corona*: a small crown. Also used to desc. the floral segments within the calyx: the petals, inc. the labellum (mostly, before the flower fully opens).
corolliferum: see *corolla*: small crown + see -*fer*: bearing. Alluding to the inflo. cf. *Bulbophyllum corolliferum*.
corona: ref. *korone*: wreath; crown. + Can be a collective term for the outer floral segments, alternative to the calyx, the *corona*: the sepals, before the flower fully opens.
coronaria: *corona* + suffix: crown-like.+ Ref. *coronarius*: of a garland; wreath; crown. cf. *Eria coronaria*.
coronarium: as *coronaria*. cf. *Otoglossum coronarium*.
coronatum: crowned; having, or like a crown. Ref. the flowers, as they only partly open. + See *subpatens*. cf. *Epidendrum coronatum*.
coronula: small crown. cf. *Pleurothallis coronula*.
corralensis: from Corral. Listed as ex Colombia to Ecuador, noted quite a few villages with this name (in some form, or another). cf. *Pleurothallis corralensis* Garay 1954. syn. *P. paquishae* Luer 1996.
correae: for place name: of Augusto Correa, a major town of nthn. Pará state, Brazil. cf. *Bulbophyllum correae* Pabst 1972.
correana: listed for botanist, José Francisco Corrêa da Serra (1751-1823). Descs. accr. to him are abbr. to: Corr.Serr. cf. *Malaxis correana* Barton 1815. syn. *Liparis loeselii*. + See next entry.
correana: may be for a person's name (? Correa + of). Listed as ex Argentina, also ref. Correa (village), of Santa Fe Prov.(?). cf. *Skeptrostachys correana* Szlach.1996.
correct name: when names are being researched to find the earliest correct, or legitimate name, authorities (+ ref. ICBN.) decided they wouldn't go beyond the 1st of May 1753. This being the accepted publication date of "Species Plantarum" x Linnaeus. So, the generic names he listed are the first to be considered, or thereafter the earliest published name available: the "correct name". + See author, Linnaeus.
correctum: ref. *correctus*: improve; correct; make right; set straight. cf. *Prasophyllum correctum*. Noted as endemic to Vic., Aust.
correlliana: for phytologist, Donovan Stewart Correll [+ belonging to] (b1908). ex Alabama and nearby states of s.east USA., cf. *Habenaria correlliana* Cronquist 1991. syn. *Platanthera integrilabia*.
correllii: see *correlliana*. ex Mexico, cf. *Pleurothallis correllii* Luer 1976.
corrugata: see corrugate. cf. *Corymbosa corrugata*.

corrugate: of a surface condition, ref. *corrugatus*: unevenly wrinkled; grooved; folded, ridged.

corrugatilobum: see corrugate + lobe. cf. *Dendrobium corrugatilobum*.

corrugatum: see corrugate. cf. *Dendrochilum corrugatum*.

corsica: for place name: the French island of Corsica. cf. *Dactylorhiza elata* var. *corsica* (Reverchon) Soó.

cortesii: listed for botanist and author, Santiago Cortés (1854-1924). ex Italy, cf. *Orchis* x *cortesii* Zodda.

cortex: ref. *corticis*: bark (of a tree). The external skin of vascular tissue, which in many plants is the bark, rind, etc.+ Ref. cortical: of cortex; for anything to do with bark.+ Used in combwds.as: *cortici*-.

corticicola: see cortex + dweller; resident. cf. *Bulbophyllum corticicola*.

corticola: same as *corticicola*. This may be an error, as there isn't any official listing. cf. *Bulbophyllum corticola*.

cortinatum: ref. *cortina*: lit., a curtain; veil. Also can be: a round kettle (or, cauldron and tripod) + suffix: like; having. cf. *Saccolabium cortinatum*.

Corunastylis: Fitzg.1888: ref. *koryne*: club + see style (: column). ex NSW., Aust. eg. *Corunastylis apostasioides*. syn. *Genoplesium apostasioides*.

coruscans: descwd. for any strikingly brilliant colour, or combination of colours.

coryandra: ref. *korys*: helmet, or cap + *andros*: man; male. cf. *Brassia coryandra*. syn. *Brassia verrucosa*.

Coryanthes: Hook.1831: helmet; cap + flower. Ref. the labellum epichil. ex nthn. Sth.America, eg. *Coryanthes maculata*.

Corybas: + see *Corybas*, next entry. I know this has nothing to do with the orchid, but is an interesting bit of trivia. I was annoyed to find this stated as fact by many (very expensive) authors, that the following is the etym. for the genus *Corybas*:- *Corybas* is noted as ex Gk., *Korubas*: ONE of the dancing priests (*Corybantes*: plural), of the goddess Cybele of Phrygia, an ancient region in Asia Minor (now mostly: Turkey), where the city of Troy was situated. The main form of worship being drunken dancing and orgies. If the plant had been described by Prof. Lindley, who named so many after Gk.myth and real characters, I would certainly consider it. But, I have not (yet) found any ref. to a *Corybas* being anywhere near Turkey. So, look for a photo in one of your books and you'll see the correct explanation is:-

Corybas: Salisb.1807: ref. *korys*: a helmet, or cap +-*bas*, ref. *basis*: low. Simply: a low helmet and is an allusion to the flower (likened to a helmet). The plants are small terrestrials and the -*bas*: of the ground; "low". eg. *Corybas aconitifolius* Salisb. Noted as endemic to eastn. Aust.

Corybas: see last entry.= *Corybas* section.

Corybiinae: *Corybas* + suffix denotes it's a subtribe.

Corycieae: see *Corycium* + suffix denotes it's a tribe.

Coryciinae: *Corycium* + suffix denotes it's a subtribe.

Corycium: Sw.1800, ref. *korys*: helmet, or cap + suffix: characteristic of. Or, could be ref. *korykos*: a leather bag + dimin. (?). ex Sth.Africa, eg. *Corycium crispum*.

Corycium: as last entry.= *Corycium* section.

corydaloides: ref. *korydos*: crest +*-ale*: of, etc., or may be ref. *korydalos*: a crested lark (: bird) +*-oides*: resembling (?). Also, ref. a genus of herbs, *Corydalis* DC.(+ like, for some resemblance?), of the family, *Fumariaceae* (not orchids). ex Bolivia, cf. *Neokoehleria corydaloides*.

Corydandra: Rchb.1841, ref. *korydos*: crest + ref. *andros*: man; male. syn. *Galeandra*.

corydophora: ref. *korydos*: crest + bearing. cf. *Habenaria corydophora*.

x *Coryhopea*: auct. On the syn. list, without further info. cf. ***Coryanthes*** x *Stanhopea*.

corylensis: for place name (+ from), only listed as ex Great Britain and Ireland. One synonym suggests it may be of Scotland (? , see *hebridensis*). cf. *Dactylorhiza x transiens* nothosubsp.*corylensis* (Hesl.-Harr.) P.D.Sell 1996.

corymb: ref. *korymbos*: a bunch; cluster (usually of flowers). + A type of inflorescence in which the lower flowers have longer pedicels, so that all flowers are at, about, the same height. + See the separate section, Inflorescences.

*Corymbia*e: see *Corymbis* + suffix denotes it's a tribe.

corymbiform: see *corymb* + form; shape. Not just for the flowers, a plant, group of organs, or parts can be *corymbiform*, ie., bunched; clustered.

corymbioides: see *corymb*, *corymbiform* + resembling. cf. *Phaius corymbioides*.

Corymbis: Thouars 1822: see *corymb* + ref. the inflo.: a *corymb*. eg. *Corymbis minor*. syn. *Corymborkis veratrifolia*.

corymbis: see *corymb*. cf. *Corymborkis corymbis*.

Corymborchidinae: see *Corymborkis* + suffix denotes it's a subtribe.

Corymborchis: Thouars ex Blume 1859, see *Corymborkis*. syn. *Corymborkis* Thouars.

Corymborkis: Thouars 1809: see *corymb* + orchid. + Ref. the *corymb* inflo. eg. *Corymborkis veratrifolia*. When collecting, I know I passed them up many times, as they never looked quite "right". With my inexperience and ignorance, I didn't know what they were and they so resembled the many other small palm-like plantlets of the forest floor. On a couple of occasions, I recall digging one up to examine the roots and they also seemed "wrong", compared to many other "groundies" that I knew like *Calanthe*, *Spathoglottis*, *Malaxis*, etc. These roots were wiry, stringy, hard and tough, not at all like what I thought orchid roots should be. Had I initially found one in flower, or with capsules, this would be a different story. However, after reading descriptions and studying line drawings, I can confidently say they were quite common ex PM.PNG.

Corymbosa: see *corymb* +*-osa*: plenty; well developed, etc.,+ see *corymbose*. eg. *Corymbosa dayana*.

corymbosa: see *corymbose*. cf. *Diuris corymbosa*. Noted as endemic to sthn. Aust.

corymbose: bunched; clustered; having or like a *corymb*. + See *corymb*, *corymbiform*.

corymbosum: see *corymbose*. cf. *Epidendrum corymbosum*. syn. *E. secundum*.

corymbosus: see *corymbose*. cf. *Gastrochilus corymbosus*.

Corynanthes: Rchb.1848: ref. *koryne*: club + flower. syn. *Coryanthes*.

corynepetala: club + petals (+ see club). cf. *Caladenia corynepetala*. syn. *C. dilatata*.
corynepetalum: as *corynepetala*. cf. *Calonema corynepetalum*. syn. *Caladenia dilatata*. Noted as endemic to s.east Aust.
corynephora: *koryne* + *-phora*: club + bearing (+ see club). cf. *Caladenia corynephora*. Noted as endemic to West.Aust.
corynephorum: club + bearing. cf. *Calonema corynephorum*. syn. *Caladenia corynephora*.
corynetes: listed as the one word: one who has a club; club-bearer. cf. *Pleurothallis corynetes*.
corynoceras: club + horn. Should be for the spur. cf. *Angraecum corynoceras*.
corynophora: club + bearing. cf. *Pleurothallis corynophora*. syn. *P. fractiflexa*.
Coryopedilum: ref. *korys*: helmet + ref. *pedilon*: foot covering; slipper, etc.= *Paphiopedilum* section.
coryophorum: helmet, or cap + bearing. cf. *Epidendrum coryophorum*.
-corypha, *-coryphum*, etc.: used in combwds., ref. *koryphe*: head; top. + Can be: first; prime; main; chief, etc.
Coryphaea: ref. *koryphaios*: chief; leader.= *Disa* section.
Corysanthes: R.Br.1810: ref. *korys*: helmet; cap + flower. eg. *Corysanthes pruinosa*. syn. *Corybas pruinosa*.
corysta: ref. *korystos*: helmeted; crested. Or, ref. *korystes*: one who is wearing a helmet (as, armour). cf. *Pleurothallis corysta*.
corythium: ex *korythos*: helmet + of; like, etc. cf. *Bulbophyllum corythium*. syn. *B. argyropus*.
cosana: belonging to Cos, a town of Ariège, Midi-Pyrenees, France. cf. *Ophrys* x *cosana* H.Baumann & Künkele 1986.
cosangae: of Cosanga (village), Napo Prov., Ecuador. cf. *Pleurothallis cosangae* Luer & Hirtz 1998.
cosma: ref. *kosmos*: the universe, also can be for an ornament (as, pretty and sparkly, etc.), a decoration; adornment. cf. *Calanthe cosma*. syn. *C. triplicata*.
cosmetron: ref. *kosmetron*: broom. cf. *Pleurothallis cosmetron* Luer 1992.
cosmia: small ornament, decoration. cf. *Masdevallia cosmia*.
Cosmium: ref. *kosmion*: a small ornament, decoration.= *Dendrolirium* section.
cosmopolitan: noted this a few times when reading on orchid distributions. Adapted into English from Gk. *kosmos*: the universe + *polites*: citizen: "a citizen of the world". Collectively, orchids can certainly be called "cosmopolitan", as they are found (almost) anywhere and everywhere (within reason).
cosmos: see *cosma*. cf. *Lepanthes cosmos*. syn. *L. vespertilio*.
costa: rib. Seen in descriptions and often refs. to the main vein; mid-rib, or can be for any part likened to a rib. + See *costate*.
costabilis: listed as the one word: rib-like. cf. *Pleurothallis costabilis*.
costalis: descwd., see *costa* + suffix: of; relative to.
costanense: for place name (+ from), only listed as ex Venezuela. cf. *Epidendrum costanense* Hágsater & Carnevali 1993.
Costaricaea: Schltr.1923: belonging to Costa Rica. syn. *Hexisea* Lindl.

costaricana: belonging to Costa Rica. cf. *Schomburgkia lueddemanii* var. *costaricana* Rchb.f.
 syn. *Schomburgkia lueddemannii* Prill.1862.
costaricense: from Costa Rica. cf. *Epidendrum costaricense* Rchb.f. syn. *E. oerstedii*.
costaricensis: from Costa Rica. cf. *Cleistes costaricensis* Christenson 1992.
costata: see *costate*. cf. *Appendiculopsis costata*. syn. *Agrostophyllum elongatum*.
costate: see *costa* + suffix: ribbed; like or having a rib (or ribs). eg. The mid-rib of a leaf.
costatum: see *costate*. cf. *Agrostophyllum costatum*. syn. *A. elongatum*.
costula: descwd.: rib + dimin. This was in a discussion and ref. to the central vein of a petal, likened to a small rib. + See *costa*, *costate*.
costulata: small rib + like; having. cf. *Micropera costulata*.
cosymbephora: ref. *kosymbos*: border; rim; edge + bearing. cf. *Lophiaris cosymbephora*. syn. *Trichocentrum luridum*.
cosymbephorum: as *cosymbephora*. cf. *Oncidium cosymbephorum*. syn. *Trichocentrum luridum*.
cothurnum: ref. *kothornos*; *cothurnus*: lit., a half-boot. (One which only goes just above the ankles and not up to the knee). Ref. the labellum. cf. *Cypripedium cothurnum*. syn. *Catasetum macrocarpum*.
cotiledon: same as *cotyledon*. Was listed as such, but is probably an error, as it's only on the official list as *cotyledon*. cf. *Eurystyles cotiledon* (*cotyledon*).
Cottonia: Wight 1851. Listed for Major General Cotton (+ of), an army officer stationed at Madras, India. eg. *Cottonia peduncularis*. Noted as monotypic.
cottoniiflora: as *cottoniiflorum*. ex Colombia, cf. *Diothonea cottoniiflora*. syn. *Epidendrum cottoniiflorum*.
cottoniiflorum: flowers likened to *Cottonia* (?). cf. *Epidendrum cottoniiflorum*.
coturcoensis: for place name (+ from), listed as ex Ecuador to Peru. cf. *Stelis coturcoensis* Schltr.1921. syn. *S. chachapoyensis* Rchb.f.1855.
cotyledon: (+ see *cotiledon*), see next entry. cf. *Eurystyles cotyledon*.
cotyledon: ref. *kotyledon*: a cup-shaped cavity. + A technical term: an embryonic leaf; seed-lobe; seed-leaf. + See *monocotyledonous*.
cotylicheilum: ref. *kotyle*: cup; cavity; (larger) depression + lip. cf. *Catasetum cotylicheilum*.
cotyligera: cup; cavity, etc. + bearing. cf. *Pleurothallis cotyligera*.
cotylisca: cup; cavity, etc. + suffix, *-isca*: small. cf. *Lepanthes cotylisca*.
cotylolabium: see *Cotylolabium*. ex Venezuela, cf. *Stigmatosema cotylolabium*.
Cotylolabium: Garay 1982: ref. *kotyle*: cup; cavity; (larger) depression + lip. Noted as monotypic ex Brazil, cf. *Cotylolabium lutzii* (Pabst) Garay.
covilleana: belonging to Coville. For botanist and author, Frederick Vernon Coville (1867-1937). Descs. accr. to him are abbr. to: Cov. ex Venezuela, cf. *Stelis covilleana* Schltr.ex Knuth 1927 (syn.).
cowanii (+ *cowani*): of Cowan. For orig.coll., the Rev.W.Deans Cowan, an Eng. missionary and authoritative collector in Madagascar c1874-'82. cf. *Jumellea cowanii* (Ridley) Garay 1972. + See next entry.
cowanii: listed as first flowered by the Cowan nursery near Liverpool, Eng. ex Brazil, cf. *Laelia cowanii* Rolfe 1900. syn. *Sophranitis brevicaulis*.

coxii: listed for orig.coll., E.Baxter Cox. ex PNG., cf. *Dendrobium coxii* F.M.Bailey 1900.

syn. *Dendrobium lacteum*.

coxipoensis: for place name (+ from), listed as ex central Brazil. Noted three towns, all in Mato Grosso state, ref. Coxipó da Ponte; Coxipó do Oura and Coxipó-Açu. cf.

Habenaria coxipoensis Hoehne 1915.

crabro: + ref. *crabronis*: a hornet, or wasp. cf. *Dendrobium crabro*.

crabronifera: ref. *crabro*, *crabronis*: a hornet, or wasp + see -fer: bearing. cf. *Ophrys crabronifera*.

cracens: slim; graceful; neat. cf. *Caladenia cracens*. Noted as endemic to Tas., Aust.

craibiana: as *craibianum*. cf. *Liparis craibiana* Kerr 1927. syn. *L. regnieri*.

craibianum: belonging to Craib. Listed for botanist and author, William Grant Craib (1882-1933). ex Thailand, cf. *Bulbophyllum craibianum* Kerr 1927. syn. *B. shweliense*.

craigheadii: listed for Frank C.Craighead (+ of), entomologist, botanist and author, of Everglades N.Park, Florida, USA. ex Florida, cf. *Triphora craigheadii* Luer 1966.

cranbyi: listed for orig.coll., William M.Cranby. ex USA., cf. *Habenaria cranbyi* Ames 1908. syn. *Platanthera x cranbyi*. A reported natcross of *P. blephariglottis x P. cristata*.

Cranichideae: see *Cranichis* + suffix denotes it's a tribe.

Cranichidinae: *Cranichis* + suffix denotes it's a subtribe.

Cranichis: Sw.1788, ref. *kranichion*; *kranion*: the skull + suffix: like. Refs. to the flowers. ex the trop. Americas, eg. *Cranichis diphylla*.

cranichoides: see *Cranichis* + resembling. cf. *Gomphicis cranichoides* Schltr.1921. syn. *G. hetaerioides* (+ see this entry).

cranion: ref. *kranion*: head; skull. cf. *Masdevallia cranion*.

craspedus: used in combwds., ref. *kraspedon*: margin; border; edge. eg. *chrysocraspedus*: (with) golden margin(s).

crassa: see *crassi*-. cf. *Caladenia longicauda* ssp.*crassa*. Noted as endemic to West.Aust.

crassapex: see *crassi*-. thick, etc.+ *apex*: at the top. cf. *Pleurothallis crassapex*.

crassi-. used in combwds., ref. *crassus*: thick; fleshy; gross; stout, etc. eg. *crassicaule*.

crassibasis: thick + *basis*: low; pedestal; base. cf. *Liparis crassibasis*.

crassicalcarata: thick + see *calcarate*. cf. *Hemipilia crassicalcarata*.

crassicaudata: thick + tailed. cf. *Masdevallia polysticta* var. *crassicaudata*. syn. *M. pachyura* (: thick + tails).

crassicaudatum: thick + tailed. cf. *Bulbophyllum crassicaudatum*. syn. *B. odoratum*.

crassicaule: thick + stem; stalk. cf. *Dendrobium crassicaule*.

crassicaulis: as *crassicaule*. cf. *Pleurothallis crassicaulis*.

crassicornis: thick + horn. cf. *Habenaria crassicornis*.

crassidens: thick + tooth, or teeth (see *dentate*). cf. *Malaxis crassidens*.

crassiflora: thick + flower. cf. *Bromheadia crassiflora*.

crassiflorum: thick + flower. cf. *Dendrobium crassiflorum*.

crassiflorus: thick + flower. cf. *Isochilus crassiflorus*. syn. *I. carnosiflorus* (fleshy + flower).

crassifolia: thick + leaf. cf. *Phreatia crassifolia*.

crassifolioides: thick + leaf + resembling. Or, may have been compared to *Bulbophyllum crassifolium* (?). cf. *Bulbophyllum crassifolioides*. syn. *B. osyricera*.
crassifolium: thick + leaf. cf. *Aerides crassifolium*.
crassifolius: thick + leaf. cf. *Sarcochilus crassifolius*. syn. *Thrixspermum sarcophyllum* (: fleshy + leaf).
crassilabia: thick + lip. cf. *Octomeria crassilabia*.
crassilabium: thick + lip. cf. *Dendrochilum crassilabium*.
crassilabre: thick + lip, or see *labrum*: edge, etc. cf. *Thrixspermum crassilabre*.
crassilabris: as *crassilabre*. cf. *Oberonia crassilabris*.
crassilingua: thick + tongue. cf. *Bulbophyllum crassilingua*.
crassiloba: thick + lobe. cf. *Coelogyne crassiloba*.
crassimarginatum: thick + see *marginate*; edged; margined. cf. *Dendrobium crassimarginatum*.
crassimarginatus: as *crassimarginatum*. cf. *Eurycaulis crassimarginatus*. syn. *Dendrobium crassimarginatum*.
crassinervia: thick + nerves. cf. *Platanthera crassinervia*.
crassinervis: thick + nerve (vein). cf. *Gymnadenia crassinervis*.
crassinervium: thick + nerves (veins) + suffix: distinctive of, or belonging to. cf. *Dendrobium crassinervium*.
crassinervius: as *crassinervium*. cf. *Monanthos crassinervius*. syn. *Dendrobium crassinervium*.
crassinode: thick + node; knot. cf. *Dendrobium crassinode*. syn. *D. pendulum*.
crassinodis: as *crassinode*. cf. *Callista crassinodis*. syn. *Dendrobium pendulum*.
crassior: thicker. Or, see *crassi-* + suffix: one who is thick (?). cf. *Sarcanthus flagelliformis* var. *crassior*. syn. *Cleisostoma fuerstenbergianum*.
crassipes: thick + foot. cf. *Maxillaria crassipes*.
crassipetala: thick + petals. cf. *Ceratostylis crassipetala*.
crassipetalum: thick + petals. cf. *Bulbophyllum crassipetalum*.
crassirachis: thick + see *rachis*: flower stem part. cf. *Oberonia crassirachis*. syn. *O. pachyphylla*.
crassirhizum: thick + roots, or rhizome (?; see *rhiza*). cf. *Campylocentrum crassirhizum*.
crassisepala: thick + sepal(s?). cf. *Gastrodia crassisepala*.
crassissimum: thick + emphasis: very thick. cf. *Bulbophyllum crassissimum*.
crassissimus: as *crassissimum*. cf. *Sarcanthus crassissimus*. syn. *Cleisostoma crassissimum*.
crassiuscula: thick + suffix: moderately; somewhat. Ref. the leaves, or could be for the raceme (?). cf. *Phreatia crassiuscula*. Noted as endemic to nth.Qld., Aust.
crassiusculifolium: as *crassiuscula* + leaf. cf. *Bulbophyllum crassiusculifolium*.
crassocalcarata: thick + see *calcarate*: spurred. cf. *Habenaria calvilabris* var. *crassocalcarata*.
crassopterum: thick + wing. cf. *Oncidium crassopterum*.
crassula: thick + dimin.: slightly thick. Ref. the leaves and pseudobulbs. cf. *Cadetia crassula*. Trivium: *Crassula* is also a genus of succulents (not orchids).
crassulaefolium: thick + dimin. + leaf: slightly thick leaves. Or, has leaves like a *Crassula* (? see *crassula*). cf. *Dendrobium crassulaefolium*. syn. *D. linguiforme* (+ see this entry).

crassulifolium as last entry. cf. *Bulbophyllum crassulifolium*. syn. *Dendrobium linguiforme*.
crassulum: thick + dimin.(: slightly thick?). cf. *Dendrobium crassulum*. syn. *Cadetia crassula*.

crassum: see *crassus*. cf. *Dendrochilum crassum*.

crassus: thick; coarse; fleshy; gross; stout, etc. cf. *Epidanthus crassus*. syn. *Epidendrum insolatum*.

crateriformis: ref. *krater*, *crateris*: basin; bowl + shape, form. cf. *Pleurothallis crateriformis*.

craticia: ref. *cratis* + suffix: of wickerwork (like lattice). cf. *Lepanthes craticia*.

craticulilabris: ref. *craticulus*: latticed, as wickerwork + lip. cf. *Coelogyne craticulilabris*.

crawshayae: see *crawshayana*. ex Myanmar to China, cf. *Cypripedium crawshayae* O'Brien 1898. syn. *Paphiopedilum charlesworthii*.

crawshayana: listed for noted grower De B.Crawshay (+ belonging to), of Seven Oaks, Eng. ex Mexico, cf. *Laelia crawshayana* Rchb.f.1883.

x *Crawshayara*: auct.: see *crawshayana*. On the syn. list and noted as the result of *Aspasia* x *Brassia* x *Miltonia*.

creberrima: see *crebra* + emphasis: very, etc. cf. *Ophrys creberrima*. syn. *O. fusca*.

crebra: numerous; frequent; often; many + Ref. *creber*, *crebre*: closely; compactly, etc.

Probably ref. the calli of the lip. cf. *Caladenia crebra*. Noted as endemic to West.Aust.

crebriflora: see *crebra* + flowers. cf. *Gastrodia crebriflora*. Noted as endemic to Qld., Aust.

crebriflorum: see *crebra* + flower. cf. *Prasophyllum crebriflorum*. Noted as endemic to Tas., Aust.

crebrifolia: see *crebra* + leaf (leaves). cf. *Pleurothallis crebrifolia*.

crebrum: see *crebra*. ex West.Aust., cf. *Calonema crebrum*. syn. *Caladenia crebra*.

cremasta: ref. *kremastos*: hanging. ex Ecuador, cf. *Lepanthes cremasta*.

Cremastra: Lindley 1833, ref. *kremastra*: a flower stalk (: pedicel). Noted as ref. the pedicellate ovary. ex Nepal, etc., eg. *Cremastra appendiculata*.

cremeoviridis: cream + green. Or, could be: creamy-green (?). cf. *Calanthe cremeoviridis*.

cremeus: a colour term: cream coloured; off-white; a paler yellowy-white.

crenata: see crenate. cf. *Pleurothallis crenata*.

crenate: ref. *crenatus*. Organs, or parts having rounded tooth-like edges, ie. regular convex curved projections. For us, the word focuses on the teeth, not the notches. + Ref. *crena*: a notch + like; having.

crenatifolium: see crenate + leaf. cf. *Dendrobium crenatifolium*. Endemic to Papua, Indon.

crenatilabre: see crenate + lip, or edge (see *labrum*). cf. *Dendrobium crenatilabre*.

crenatilabris: as *crenatilabre*. cf. *Monanthos crenatilabris*. syn. *Dendrobium crenatilabre*.

crenatiloba: see crenate + lobe. cf. *Malaxis crenatiloba*.

crenatilobum: crenate + lobe. cf. *Crepidium crenatilobum*. syn. *Malaxis crenatiloba*.

crenatum: see crenate. cf. *Taeniophyllum crenatum*.

crenicristata: ref. *crena*: notch + see *cristate*: crested. cf. *Flickingeria crenicristata*.

crenicristatum: as *crenicristata*. cf. *Dendrobium crenicristatum*. syn. *Flickingeria crenicristata*.

crenilabium: *creni*-, see crenate + lip. cf. *Bulbophyllum crenilabium*.

crenulata: see crenulate. Ref. the labellum. cf. *Cadetia crenulata*. syn. *C. angustifolia*.

crenulate: same as crenate with an added dimin.: finely crenate; like, or having crenulations.

crenulatum: see crenulate. Ref. the apical part of the leaf margins. cf. *Mediocalcar crenulatum*. Noted as endemic to New Guinea.

crenulatus: see crenulate. cf. *Corybas crenulatus*.

crenulidifforme: see crenulate + see *difforme*. cf. *Epidendrum crenulidifforme*.

creon: ref. *kreos*: flesh. cf. *Cypripedium* x *creon* B.S.Williams. syn. *C. x galatea*.

crepi-, *crepidi-*, *crepido-*: used in combwds., ref. *crepida*, *krepidos*: boot; shoe; sandal. For any organ, part, or a group that could be construed as resembling a shoe.

crepidata: as *crepidatum*. cf. *Callista crepidata*. syn. *Dendrobium crepidatum*.

crepidatum: see *crepi-*+ like; having. Listed as ref. the slipper-like hollow at the base of the lip. cf. *Dendrobium crepidatum*.

crepidiferum: see *crepi-*+ see *-fer*: bearing. cf. *Bulbophyllum crepidiferum*.

crepidiforme: see *crepi-*+ form; shape. cf. *Taeniophyllum crepidiforme*.

crepidiformis: as *crepidiforme*. cf. *Sarcochilus crepidiformis*. syn. *Taeniophyllum crepidiforme*.

Crepidium: Blume 1825: see *crepi-*+ suffix, can be a dimin. (: small); -like, or distinctive of. eg. *Crepidium rhedii*. Listed as the type. syn. *Malaxis* Sol.ex Sw.

Crepidium: as last entry.= *Malaxis* section.

crepidium: see *Crepidium*. cf. *Malaxis crepidium*.

crepidophylla: see *crepi-*+ leaf. cf. *Humboldtia crepidophylla*. syn. *Pleurothallis grobyi*.

crepiniana: as *crepinianum*. ex Brazil, cf. *Pleurothallis crepiniana* Cogn.1896.

crepinianum: listed for botanist and author, Francois Crepin (1830-1903). ex Brazil, cf. *Pleurobotryum crepinianum* (Cogn.) Hoehne 1936. syn. *Pleurothallis crepiniana*.

-crescens: used in combwds.: growing, eg. *concrescens*: growing together. + See *crecenti-*.

crecenti-: used in combwds.: to do with a crescent; crescent-like, or shaped. Can also be an oblique ref. to **growing**, for the shape of the young moon, which is growing to fullness.

crecentic: like, or having the shape of a crescent.

crecentiforme: crescent + form; shape. + See *crecenti-*.cf. *Thrixspermum crecentiforme*.

crecenticola: see *crecenti-*, crescentic + resident; dweller. cf. *Masdevallia crecenticola*.

crecentiicola: crescentic + of + resident; dweller. cf. *Stelis crecentiicola*.

crecentilabia: crescent + lip. cf. *Sigmatostalix crecentilabia*.

crecentiloba: crescent + lobe. cf. *Oerstedella crecentiloba*.

crecentilobium: crescent + small lobe. cf. *Epidendrum crecentilobium*. syn. *Oerstedella crecentilobia*.

crecentilobum: crescent + lobe. cf. *Epidendrum crecentilobum*,

crecicit: descwd., ref. *crecere*: to be born; to grow. Often seen in discussions, implying: "it grows", eg. "...crecicit Borneo."

cressa: refs. to cress, of the mustard family (see "M"), for some superficial likeness. cf.

Ophrys cressa. syn. *O. fusca*. Of interest see *hespera*, another likened to a mustard.

cretacea: see *cretaceus*. Ref. the whitish appearance of the plants. cf. *Prosthechea cretacea*.

cretaceous: ref. *creta*: chalk + suffix: of; relative to. Of habitat: growing in chalky ground (: cretaceous soil). More info., read up on pedology: study of soils.

cretaceum: see *cretaceus*. Ref. the flower colour. cf. *Dendrobium cretaceum*.
cretaceus: a vague colour term: a dull greyish-white; chalky; chalky-white.
cretata: like, or having chalk (chalky; chalked?) + see *creteus*. cf. *Masdevallia cretata*.
cretensis: from the island of Crete, Greece. cf. *Ophrys cretensis* (H.Baumann & Künkele) Paulus 1988. syn. *O. sphegodes*.
creteus: ref. *creta* + suffix: of, or to do with chalk. Chalky, + Can be used for the same as *cretaceus*: chalky-white.
cretica: belonging to Crete island, Greece. cf. *Epipactis cretica* Kalop.& Robatsch 1980.
creticola: Crete (island, Greece) + resident; dweller. cf. *Ophrys cretica* Paulus 1998. syn. *O. fusca*.
Cribbia: Senghas 1985: of Cribb, see *cribbianum*. ex trop.Africa, eg. *Cribbia confusa*.
cribbiana: as *cribbianum*. Listed as ex Congo, Africa, cf. *Habenaria cribbiana* Szlach.& Olszewski 1998.
cribbianum: belonging to Phillip James Cribb (b1946). Phytologist, orchidologist, author and authoritative collector. Co-author with Helmut Bechtel & Edmund Launert of "The Manual of Cultivated Orchid Species", from which I got much valuable info. ex Gabon, west Africa, cf. *Angraecum cribbianum* Szlach.& Olszewski 2001.
crinale: a contraction of *crinis*: hair (+ see *crinite*: tufted etc.) + *-ale*: of, etc. cf. *Angraecum crinale*. syn. *Microcoelia caespitosa* (of interest, see *caespitose*).
crinalis: as *crinale*. cf. *Gussonea crinalis*. syn. *Microcoelia caespitosa*.
crinifera: as *criniferum*. cf. *Habenaria crinifera*.
criniferum: ref. *crinis*: hair (see *crinite*) +see *-fer*: bearing. cf. *Desmotrichum criniferum*. syn. *Flickingeria comata*.
crinipes: see *crinite* + foot. cf. *Elleanthus crinipes*.
crinita: see *crinite*. Ref. the column. cf. *Thelymitra crinita*. Noted as endemic to West.Aust.
crinite: ref. *crinitus*: tufted; having relatively long hair. Having tufts of weak hairs. Sometimes can mean: bearded.
crinitum: see *crinite*. cf. *Zygopetalum crinitum*. syn. *Promenaea xanthina*.
Crinonia: Blume 1825: ref. *krinon*: lily (+ see lily) + of. eg. *Crinonia carnea*. syn. *Pholidota carnea*.
crinonioides: see *Crinonia* + resembling. Was likened to a lily, or a *Crinonia* (?). cf. *Phreatia crinonioides*.
Criogenes: Salisb.1814: ref. *krios*: ram (sheep) + kind; type, etc. A fanciful allusion to a flower. syn. *Cypripedium* L.
Criosanthes: Raf.1818: ref. *krios*: ram (sheep) + flower. Alluded to resemble a ram's head. eg. *Criosanthes arietina*. syn. *Cypripedium arietinum* (: of a ram).
criptangis: hidden + vessel. cf. *Angorchis criptangis*. syn. *Aerangis cryptodon*.
crisp: ref. *crispus*: curled. Curly; wavy. + Can mean: bright; sharp; fresh, etc. When Lat'd. in combwds., mostly means: curly; wavy.
crispa: see *crisp*; wavy. Ref. margins of petals and median sepal. cf. *Glossorhyncha crispa*. Noted as endemic to Papua, Indon.
crispata: crisped, see *crispate*. cf. *Nervilia crispata*. syn. *Nervilia crociformis*.

crispate: see *crisp* + suffix: like; having.+ Ref. *crispatus*: crisped; curled, crinkled; waved, etc.

crispatisepalum: see *crispate* + *sepal*. Ref. wavy margins of median sepal. cf.

Bulbophyllum crispatisepalum. Noted as endemic to PNG.

crispatissimum: see *crispate* + emphasis: very, etc. cf. *Cyrtorchilum crispatissimum*.

crispatula: see *crispate* + dimin.: finely curled; having, or like small curls, or waves. cf.

Microstylis stenophylla var. *crispatula*. syn. *Malaxis stenophylla*.

crispatulum: as *crispatula*. cf. *Odontoglossum crispatum*. syn. *Gomesa crispa*.

crispatum: see *crispate*. Ref. the lip. cf. *Dendrobium crispatum*.

crispiflorum: see *crisp* + *flower*. With this one, all of the meanings for *crisp* could apply. cf. *Epidendrum crispiflorum*.

crispifolia: see *crisp* + *leaf*. cf. *Malaxis crispifolia*.

crispifolius: see *crisp* + *leaf*. cf. *Erythodes crispifolius*.

crispilabia: see *crisp* + *lip*. cf. *Laelia crispilabia*. syn. *Sophranitis crispata*.

crispilabium: see *crisp* + *lip*. cf. *Epidendrum crispilabium*. syn. *Encyclia linkiana*.

crispilinguum: crisped + *tongue*. Ref. labellum margins. cf. *Dendrobium crispilinguum*.

crispilobum: see *crisp* + *lobe*. cf. *Dendrobium crispilobum*. syn. *D. pruinatum*.

crispina: see *crisp* + *-ina*: like, etc. cf. *Bletia crispina*. syn. *Schomburgkia crispa*.

crispissima: see *crisp* + emphasis: very, etc. cf. *Sobralia crispissima*.

crispulum: see *crisp* + dimin.: finely crisped; curled. cf. *Dendrobium crispulum*.

crispum: see *crisp*. cf. *Aerides crispum*.

crispus: see *crisp*. Although *crispus* is more “curly” than “wavy”. Ref. the leaf margins. cf. *Odontochilus crispus*.

cristagalli: cock’s crest. ex Brazil, cf. *Vanilla cristagalli*. + See next entry.

crista-galli: cock’s crest. Another entry (and listed with the hyphen) as this is noted as alluding to the plant’s shape. cf. *Erycina crista-galli*.

cristalensis: for place name (+ from). Refs. to the *Parque nacional Sierra de Cristal* (N.Park), eastn. Cuba. cf. *Stelis cristalensis* H.Dietr.1985.

cristalligerum: was listed as such, but may be an error for *crystalligerum* (see later entry). cf. *Ibidium cristalligerum*. syn. *Sacoila lanceolata*.

crista-piscis: crest + *fish* (likened to the dorsal fin?). cf. *Lepanthes crista-piscis*.

crista-pulli: crest + ref. *pullus*: young animal (esp., a chicken). cf. *Lepanthes crista-pulli*.

cristata: see *cristate*. Ref. calli on the lip. cf. *Caladenia cristata*. Noted as endemic to West.Aust.

Cristatae: those (that are) crested. Mostly refs. to the lip.= *Coelogyne* section.

cristate: ref. *crista*: crest; *cristatus*: crested; crest-like. Any part, or group that could be likened to a (bird’s) crest. Can be a keel; ridge; tuft; a row of calli; papillae; bristles, etc.

cristatellum: *cristate* + dimin.: having, or like a small crest. Or it may have been compared to *Odontoglossum cristatum* (+ small ?). cf. *Odontoglossum cristatellum*.

cristatocallosa: crested + with calli, see *callose*: having calli. cf. *Vanilla cristatocallosa*.

cristatum: crested. cf. *Epidendrum cristatum*.

cristatus: crested. cf. *Phlebochilus cristatus*. syn. *Caladenia cristata*. Noted as endemic to West.Aust.

cristigerum: crest + bearing. cf. *Nephelaphyllum cristigerum*.

cristinae: for place name: of Cristina city, s.east Minas Gerais state, Brazil. cf. *Constantia cristinae* F.E.L.Miranda 1991.

cristobalense: for place name (+ from). Listed as ex Mexico to Colombia, could be of San Cristobal, capital city of Chiapas state, Mexico, or ref. Cristobal city, at the mouth of the Panama Canal. cf. *Epidendrum cristobalense* Ames 1923. syn. *E. laucheanum*.

cristolobina: see cristate + lobe + like. cf. *Epidendrum cristolobina*.

crithmifolium: ex *krithmon*, commonly: samphire, or St.Peter's herb. Ref. *Crithmum* (of the carrot family: *Apiaceae*, or *Umbelliferae*), a genus of herbaceous plants which frequents coastal salt-marshes + *-folium*: leaf, for some superficial likeness. cf. *Epidendrum crithmifolium* Voigt 1828 (syn.).

croatii: listed for botanist and author, Thomas Bernard Croat (b1938). ex Panama, cf. *Epidendrum croatii* Hágsater 1999.

crocata: see *croceus* + suffix: having; like. ex Brazil, cf. *Cattleya crocata*. syn. *C. wallisii* (Linden) Linden ex Rchb.f.1882.

crocatum: as *crocata*. cf. *Dendrobium crocatum*.

crocea: see *croceus*. cf. *Maxillaria crocea*. syn. *M. lindleyana*.

croceatus: a colour term, another word for *croceus*: saffron.

croceocentrum: see *croceus* + centre. cf. *Dendrobium croceocentrum*.

croceocentrus: as *croceocentrum*. cf. *Eurycaulis croceocentrus*. syn. *Dendrobium croceocentrum*.

croceorubens: saffron + *rubens*: reddening; reddish. cf. *Maxillaria croceorubens*.

croceum: see *croceus*. cf. *Bulbophyllum croceum*.

croceus: a colour term: (of) saffron. Listed as mostly, a full deep orange with a tinge of brown. Can be of other shades, see saffron.

croceus: saffron. Ref. the flower colour. cf. *Sarcochilus croceus*.

crociaria: *croci-* is a contraction and could ref. to *krokis*: down, or nap (of the surface of wooly material). Or, saffron (see *crocinus*), or for a crocus (*crocus*) plant (see *crociformis*) + see *-are*: like, etc. Because of the genus, *krokis* seems the most likely (?). cf. *Trichoglottis crociaria*.

crocidipterum: *croci-* + *di-* + *pterum*: saffron (colour) + two + wing. Ref. the lateral sepals (?). cf. *Odontoglossum crocidipterum*. + Of interest, see *crociaria*.

crociformis: *croci-*: as (likened to) a crocus: an Iris plant (family: *Iridaceae*) + shape. Ref. the flower. cf. *Nervilia crociformis*.

crocinus: of saffron, also listed as a colour term, similar to *croceus*. + See saffron.

crockerensis: from Crocker Range, Mt.Kinabalu, Borneo. cf. *Robiquetia crockerensis* J.J.Wood & A.L.Lamb. 1993.

Crocodeilanth: Rchb.f.1854. Not for a crocodile, ref. *krokodeilos*: a lizard + flower. The flower, sideways, was likened to a lizard's head. syn. *Stelis* Sw.

crocodeilanth: as *Crocodeilanth*. cf. *Pleurothallis crocodeilanth*. syn. *P. xiphizusa*.

crocodiliceps: ref. *krokodeilos*: a lizard + see *-ceps*: small head. Alluding to a flower. cf.

Pleurothallis crocodiliceps.

crocodilus: easy, it's for a crocodile, **not** so!, it's literally: (of) a lizard. Listed as alluding to a flower. cf. *Dendrobium crocodilus*.

croesus: in English, the word can ref. to any fabulously rich person. Orig. for Croesus, a king of Lydia, Asia Minor, who ruled from 560-546 BC. and was famous for his vast wealth. So, the specep. probably infers: very rich, as it's only a miniature, but has large spectacular flowers. cf. *Telipogon croesus* Rchb.f.1877. syn. *T. hausmannianus*.

cross: the transfer of pollinia from one flower to the stigma of another, of conspecific or congeneric species. The progeny resulting from this action, denoted by "x" between the generic names of the parent plants, the receiver being the first name given (see parent, female). eg., See *obrienianum*, *Laelio-Cattleya*.

(cross) natural cross: + see last entry. For brevity in this text I use a coined word: "natcross". That which occurs naturally in the wild, without the aid of man, usually caused by the close proximity of the parent plants. A good example of a natcross: *Dendrobium x superbiens* (see "S").

Crossangis: Schltr.1918: ref. *krossos*: a fringe + *angis*: vessel. Ref. the labellum. syn. *Diaphananthe* Schltr.

Crossoglossa: Dressler & Dodson 1993: ref. *krossos*: fringe + tongue. ex Panama, eg. *Crossoglossa bifida*.

crossota: fringe + see *-ota*: having, or like, etc. cf. *Lepanthes crossota*.

crotalicaudatum: ref. *crotalum*, *krotalon*: a rattle + see caudate: tailed, cf. *Bulbophyllum scaberulum* var. *crotalicaudatum*.

crotalina: ref. *crotalum*: a rattle + see *-ina*: like, etc. If it refs. to the imbricate bracts, it's unlike any "rattle" I've ever seen. cf. *Pholidota crotalina*. syn. *P. imbricata*.

crotalinum: as *crotalinus*. cf. *Podochilus crotalinum*. syn. *Appendicula crotalina*.

crotalinus: a rattle + like, etc. cf. *Podochilus crotalinus*.

cruciata: see cruciate: cross-shaped. Ref. the labellum. cf. *Calanthe cruciata*.

cruciate: ex *crux*: a cross + suffix. + Ref. *cruciatus*: having or like a cross; with a structure, organ, or part that could be likened to a cross. Usually the shape is alluded to an ordinary "Latin" type cross.

cruciatum: see cruciate. An allusion to the flower shape. cf. *Bulbophyllum cruciatum*.

Pers.coll., orig. ex Musgrave River area PM.PNG. and then not uncommon.

crucicallum: see cruciate + see calli, callus (has calli in the shape of a cross?). cf.

Sarcanthus crucicallum. syn. *Cleisostoma fuerstenbergianum*.

crucicallus: as *crucicallum*. cf. *Sarcanthus crucicallus*. syn. *Cleisostoma fuerstenbergianum*.

crucicornibus: cross + horned. cf. *Scelochilus crucicornibus*.

crucifera: as *cruciferum*. cf. *Habenaria crucifera*.

cruciferum: cross + bearing, + see cruciate. ex Sth.Africa, cf. *Pterygodium cruciferum*.

crucifix orchid: very popular in home gardens. Am trying to avoid common names, but it's so well known here (in Aust.) by this name, thought I should give it some recognition. See naturalise, *obrienianum* (*Epidendrum x obrienianum*).

crucifolium: cross + leaf. cf. *Epidendrum crucifolium*.

cruciform: cross + shape. See *cruciate*.

cruciforme: *cruciform*. cf. *Dendrochilum cruciforme*.

cruciformis: *cruciform*. cf. *Caladenia cruciformis*. Noted as endemic to Vic., Aust.

crucigera: cross + see -ger: bearing. cf. *Eria crucigera*.

crucilabia: cross + lip. See *cruciate*. cf. *Trichosalpinx crucilabia*.

crucilabre: as *crucilabia*. cf. *Dendrochilum crucilabre*.

crucipetala: cross + petals. cf. *Lepanthes crucipetala*.

cruegeri: listed for botanist and author, Hermann Crüger (1818-1864). ex Trinidad to mainland Sth.America, cf. *Epistephium cruegeri* Rchb.f.ex Griseb.1864. syn. *E. parviflorum*. + See *kruegeri*.

cruenta: see *cruentus*. ex Mexico, etc., cf. *Lycaste cruenta*.

cruentatus: descwd. (not quite a colour term), *cruentus* + suffix: like, or having bloodstains. Mostly applied to flowers with larger "red" spots; blotches.

cruentiformis: see *cruentus* + form. cf. *Orchis cruentiformis*. syn. *Dactylorhiza incarnata* ssp.*cruenta*.

cruentum: see *cruentus*. Ref. labellum lobes, crest and margins, having red markings. cf. *Dendrobium cruentum*.

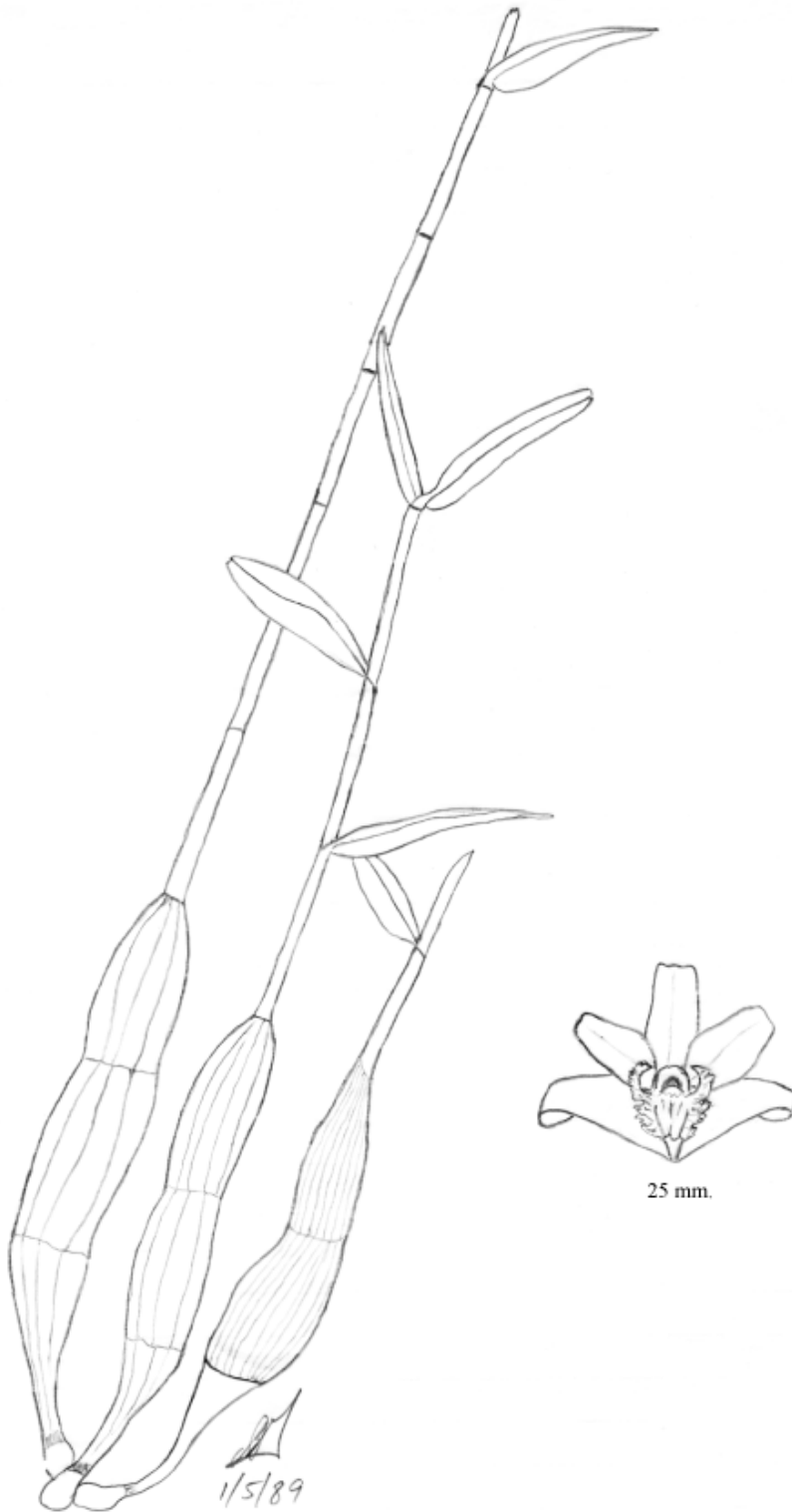
cruentus: (having) a blood colour; bloody; bloodstained. Can be for various shades of "red".

crumenata: see *crumenatum*. cf. *Callista crumenata*. syn. *Dendrobium crumenatum*.

Crumenata: see *crumenatum*. = *Dendrobium* section.

crumenatum: ref. *crumena*: a purse; pouch (orig.: a small leather money-bag) + suffix: like; having. Some sources say it refs. to the mentum. cf. *Dendrobium crumenatum*. See sketch and notes.

Dendrobium crumenatum Sw.



Young stems (or, pseudobulbs) and flower.

Dendrobium crumenatum Sw.

The common name "pigeon orchid" is very apt because when the flowers close, they really do resemble a lot of little white pigeons on a slender branch. I read its lesser known common name: the "thunderstorm orchid" (with no further info.) and this really had me intrigued. The flower buds wait latent at the nodes and it uses the dramatic drop in temperature associated with the cold wind and rain of a tropical thunderstorm to activate its flowering process (+ see gregarious flowering, thermoperiodicity). A very beautiful "one day wonder", with a pervading, heady perfume, like frangipani.

I tell a good story (true!), in PM.PNG., I took one of my larger specimens, sprayed it copiously with ice-cold water and then put it in the 'fridge, for about an hour (my dear wife wasn't impressed, I had to remove all the food and shelves, for it to fit). I timed it perfectly (I had forced another to flower previously, to be certain of the timing.) and won first prize at the Horticultural Show (in the category, "Orchids, Exotic Species").

When the show was over, the judge of the orchid section waited around to see who the smarty was (I knew him, of course) and he said "you're a crook Marto, you put it in the 'fridge, didn't you!" and I said "maybe, but YOU gave it first prize", and he said "I had to, it was magnificent!" (There were about 300 flowers and the perfume was glorious). A very satisfying experiment and a great joke (kept private, well ... except for a few select friends) on the hortie-tortie, Horticultural Society.

crumenifera: small purse; pouch + bearing. cf. *Cranichis crumenifera*.

crural: ref. *cruris*, *crus*: the leg. Of, or relative to the leg (or, thigh). So shaped, like a leg.

crurigera: leg + bearing, + see *crural*. cf. *Scaphyglottis crurigera*.

cruscula: ref. *crus* + dimin.: small leg. cf. *Caladenia cruscula*. Noted as endemic to West.Aust.

crustaceous: ref. *crusta*: outer skin; rind; shell; crust + suffix: of, like, etc. Thin, hard and brittle. Can be applied to the surface condition of some organ, or part.

crustose: crust-like; brittle and easily broken. The word was in an author's anecdote, telling of his attempt to remove an orchid from its host, but the roots adhered so well that they would only chip off in small pieces (sorry, should have noted the species). Noted that **crustose** is a word mainly applied to lichens and algae.

cruttwellii: cf. *Bulbophyllum cruttwellii* J.J.Verm.1993, in honour of the Rev.Canon Norman E.G.Cruttwell of Lingfield, Eng. He was in PNG., from 1946, for over 30yrs. with the Anglican Missions and I had the honour and pleasure of meeting him a few times. He never talked down to new chums (and never stood on pomp and ceremony, "just call me Crutty will do"). It was impossible not to be caught up in his enthusiasm when he talked of his plants and collecting in the bush. He told me he loved orchids but, his passion was Rhododendrons, of which he was an authority and had discovered some new species. I forget the names, but he said one of them, he named for his mother.

cruzae: may be for place name (+ of). Only listed as ex Costa Rica, noted Santa Cruz, a n.west town, of Guanacaste Prov. (?). cf. *Brachionidium cruzae* L.O.Williams 1962.

Crybe: Lindley 1836, ref. *krybein*: to hide, + *krybelos*: hidden. Ref. the hidden column. syn. *Bletia* Ruiz & Pav.

crypt-, *crypto-*: used in combwds., ref. *kryptos*: hidden; secreted; covered; concealed, etc.

crypta: see *crypt-*. cf. *Pterostylis crypta*. syn. *P. alveata*. Noted as endemic to Vic., Aust.

cryptantha: hidden + flower(s). Concealed within the bracts. cf. *Oberonia cryptantha*.

Cryptanthemis: Rupp 1932. See *crypt-*: hidden + *-anthesis*: blooming; blossoming (ref. *anthemom*: flower). Everything is "hidden", it's one of the mysterious "underground orchids". eg. *Cryptanthemis slateri*. syn. *Rhizanthella slateri*. The genus is still controversial, more info., see *Rhizanthella*.

cryptanthoides: hidden + flower + resembling. The translation doesn't really apply, as noted it was compared to *Bulbophyllum cryptanthum* ex New Guinea, which is now synonymous to *Bulbophyllum cryptanthoides*.

cryptantha: hidden + flower. cf. *Corysanthes cryptantha*. syn. *Corybas cryptanthus*.

cryptanthum: hidden + flower. cf. *Dendrobium cryptanthum*.

cryptanthus: hidden + flower. Being small terrestrials, usually the flower is almost completely under the surface litter (of leaves, etc.) on the forest floor. cf. *Corybas cryptanthus*. Noted as endemic to North Island, NZ.

cryptarrhena: see next entry. cf. *Dichaea cryptarrhena*.

Cryptarrhena: R.Br.1816, see *crypt-*: hidden + ref. *arrhen*: male; stamen (: column, esp. the anther area) + of. ex Mexico to Peru and Jamaica, eg. *Cryptarrhena lunata*.

cryptobulbon: hidden + bulb. cf. *Maxillaria cryptobulbon*.

Cryptocentrum: Benth.1881: hidden + see *centrum*: centre; spur, or point. ex Colombia, eg.

Cryptocentrum pergracile.

cryptocera: hidden + horn. cf. *Comparettia cryptocera*. syn. *C. falcata*.

cryptoceras: hidden + horn. cf. *Pleurothallis cryptoceras*. syn. *P. saundersiana*.

cryptochila: hidden + lip. cf. *Stelis cryptochila*. syn. *S. aviceps*.

Cryptochilos: Sprengel 1832, see *Cryptochilus*. syn. *Cryptochilus*.

cryptochilum: hidden + lip. cf. *Cleisostoma cryptochilum*. syn. *Ascoglossum calopterum*.

Pers.coll., fairly common ex PM.PNG.

Cryptochilus: Wall.1824: hidden + lip. ex Nepal , nthn. India to Myanmar. eg.

Cryptochilus sanguinea Wall.

cryptocopis: hidden + see *copi*:- knife; cleaver, etc. cf. *Cyrtochilum cryptocopis*.

cryptodon: hidden + tooth (teeth?). cf. *Aerangis cryptodon*.

cryptodonta: as *cryptodon*. cf. *Acineta cryptodonta*.

cryptogam: noted this whilst reading and mentally translated it, but still had no idea what it was! See *crypto*:- hidden + *-gam*, ref. *gamos*: union; marriage. Listed as a collective term for plants that reproduce without flowers or seeds, such as mosses, ferns, etc. + Ref. *cryptogamist*: one who specialises in the study of *cryptogams*.

cryptoglossum: hidden + tongue. cf. *Epidendrum cryptoglossum*.

Cryptoglottis: Blume 1825: hidden + tongue, or throat (?). syn. *Podochilus* Blume.

Cryptopera: Lindley 1833: hidden + purse; pouch. syn. *Eulophia*.

cryptophila: hidden + loves (loves to hide; as reclusive, etc.?). cf. *Habenaria cryptophila*.

Cryptophoranthae: hidden + bearing + flowers.= *Pleurothallis* subgenus *Acianthera* section *Cryptophoranthae*.

cryptophoranthoides: hidden + bearing + flower + resembling. To me, the flower's not "hidden", so maybe, the author saw some likeness to *Cryptophoranthus* (?). Also it may have been compared to *Bulbophyllum cryptophoranthus*, as note the "correct name". cf. *Bulbophyllum cryptophoranthoides*. syn. *B. cryptophoranthus*.

Cryptophoranthus: Barb.Rodr.1881: hidden + bearing + flower. Noted the flowers are not hidden, but because they only open slightly all the internal organs and parts are hidden. Commonly called "window orchids" for the small aperture on the sides of the flower, which just allows an insect to crawl in. eg. *Cryptophoranthus fenestratus*. syn. *Pleurothallis fenestrata* (: having, or like a window).

cryptophoranthus: hidden + bearing + flower. cf. *Bulbophyllum cryptophoranthus*. + See *cryptophoranthoides*.

cryptophyta: hidden + ref. *phyton*: plant. cf. *Lepanthes cryptophyta*. syn. *Pleurothallis parvifolia*.

cryptopodanthum: hidden + foot + flower. cf. *Camaridium cryptopodanthum*.

Cryptopus: Lindley 1824: hidden + foot. eg. *Cryptopus elatus*.

Cryptopylos: Garay 1972: hidden + ref. *pyle*, *pylis*: small gate; opening; orifice. eg.

Cryptopylos clausus (shut; secluded). Noted as monotypic ex Indo-China to Sumatra.

cryptorpis: as this example is a synonym, there wasn't any info. given. The *crypt-* is easy: hidden and *orpi-* possibly refs. to orpiment: a (golden-) yellow mineral formerly used as a fabric stain (dye). So my interpretation of *cryptorpis*: "hidden gold", ie. the flower is not fully expanded and has some yellow internally (?). cf. *Erporkis cryptorpis* Thouars 1894. syn. *Platylepis occulta* (: hidden, etc.).

Cryptosaccus: Rchb.f.1858: hidden + bag; pouch. eg. *Cryptosaccus scriptus*. syn.. *Leochilus scriptus*.

Cryptosanus: Scheidw.1843: hidden + ref. *anus*: ring; circle. eg. *Cryptosanus scriptus*. syn. *Leochilus scriptus*.

cryptostachyum: hidden + see *stachy-*: spike; bunch, etc. cf. *Bulbophyllum cryptostachyum*.

cryptostele: hidden + pillar; column. cf. *Lepanthes cryptostele*.

cryptostigma: hidden + stigma. Hidden by two small lobules. cf. *Appendicula pseudopendula* var. *cryptostigma*.

cryptostyla: hidden + style (: column). cf. *Habenaria cryptostyla*. syn. *Peristylus cryptostylus*.

Cryptostyliinae: *Cryptostylis* + suffix, denotes it's a subtribe.

Cryptostylis: R.Br.1810: hidden + style (: column). Hidden by the labellum lobes. eg. *Cryptostylis erecta*. Noted as endemic to eastn. Aust.

cryptostylus: hidden + style (: column). ex Tahiti, cf. *Peristylus cryptostylus*.

crystalensis: for place name (+ from), listed as ex Gabon, Africa. From the given locations, possibly, ref. *Monts de Cristal* (: Glass Mountains), n.west Gabon. cf. *Ancistrorhynchus crystalensis* P.J.Cribb & Laan 1989.

crystalligerum: see *crystallina* + bearing. cf. *Ibidium crystalligerum*. syn. *Sacoila lanceolata*.

crystallina: ref. *krystallos*: ice; frost; (rock-)crystal + *-ina*: of; like, etc. The large equal sepals are finely pubescent internally and appear frosty, or crystalline. cf. *Stelis crystallina*.

crystallinum: as *crystallina*. Ref. the small crystalline papillae at the anther. cf. *Dendrobium crystallinum*.

crystallinus: descwd., not quite a colour term: of crystal, crystalline. + Can be: clear, as ice; frosty; icy.

cten-, *cteno-*: used in combwds., ref. *kteis*, *ktenos*: a comb. For anything to do with a comb, esp. the teeth.

ctenoglossum: comb + tongue. cf. *Pelatantheria ctenoglossum*.

ctenopetala: comb + petals. cf. *Bipinnula ctenopetala*.

ctenopetalum: comb + petals. cf. *Bulbophyllum chaunobulbon* var. *ctenopetalum*.

ctenophora: comb + bearing. cf. *Habenaria ctenophora*.

Ctenorchis: K.Schum. 1901: comb + orchid. Noted as ref. the leaves. syn. *Angraecum*.

ctenostachys: comb + spike (raceme). cf. *Maxillaria ctenostachys*.

cuatrecasasii: listed for phytologist and author, José Cuatrecasas (b1903). Descs. accr. to him are abbr. to: Cuatrec. ex Colombia, cf. *Epidendrum cuatrecasasii* Garay 1956.

cubense: from Cuba. cf. *Epidendrum cubense* Lindley 1843. syn. *Cattleyopsis cubensis*.

cubensis: from Cuba. In the discussion, it's noted the author was deceived as to the true location of this species and yet, it is listed (among other locations) to be from Cuba. cf. *Pogonia cubensis* Rchb.f.1850. syn. *Triphora gentianoides*.

cubensis: another entry as this one is from Cuba. cf. *Lepanthes cubensis* Hespénh.1973.

cubicularia: of , or like a cubicle. Ref. *cubiculum*: bedroom; sleeping room; cubicle + see -are. cf. *Stelis cubicularia*.

cubicum: ref. *cubus* + suffix, of: cubic; (having the) shape of a cube (it's easy to see from the line drawings). Ref. the labellum. cf. *Bulbophyllum cubicum*.

cubincola: I tried to break this into *cubin* + *-cola*, then realised it's for Cuba + *incola*: resident; dweller (where it was first found). cf. *Dinema cubincola* (Borhidi) H.Dietr.1980.

cubitale: ref. *cubitalis*: a kind of cushion; pad. Listed as ref. labellum appearance. cf. *Dendrobium discolor* ssp. *cubitale*.

cubitalis: the descwd., is listed as an old unit of measurement: a cubit long: c45cms. (1'6"). Taken as: from the elbow to the tip of the index finger. Also, as a specep., *cubitalis*: a kind of cushion; pad. + Can also be, ref. *cubitum*: elbow + see -ale, which infers something has a relatively sharp bend (like an elbow).

cubitalis: see last entry. cf. *Peristylus cubitalis*.

cubitoria: of one who is lying down (and/or sleeping). cf. *Pleurothallis cubitoria*.

cuchibambae: listed for place name (+ of) ex Ecuador. Can't locate it, but noted two villages that sound like it. Ref. Hacienda Cunchibamba of Tungurahua Prov., or Cuchipamba of Azuay Prov.(?). cf. *Epidendrum cuchibambae* F.Lehm.& Kraenzl.

Cuculina: Raf.1838: a contraction, ref. *cucullus*: hood + *-ina*: like, etc. Ref. the labellum. syn. *Catasetum* Rich.ex Kunth.

cucullangis: hooded + small vessel. cf. *Angorchis cucullangis*. syn. *Angraecum cucullatum*.

Cucullaria: hood + like. Ref. column wings.= *Thelymitra* section.

cucullata: see cucullate: hooded. Ref. the median sepal. cf. *Caladenia cucullata*. Noted as endemic to s.east Aust.

Cucullatae: see cucullate. Ref. the floral bract.= *Masdevallia* section.

cucullate: ref. *cucullus*: hood + suffix: like; having. Hooded; arched to form a hood. Any organ, part, or group that could be likened to a hood (or, as a cap, or cowl).

cucullatum: see cucullate. Ref. the floral bract. cf. *Bulbophyllum cucullatum*.

cucullatus: hooded. cf. *Eriochilus cucullatus*. Noted as endemic to eastn. Aust.

cucullifera: hood + bearing. Ref. column basal appendages. cf. *Octarrhena cucullifera*. Noted as endemic to Papua, Indon.

cuculliferum: hood + bearing. cf. *Dendrobium cuculliferum*.

cuculliflorum: hood + flower. cf. *Diplectrum cuculliflorum*. syn. *Satyrium bicornis*.

cuculliger: hood + bearing. cf. *Stenorrhynchus cuculliger*. syn. *Pelexia cuculligera*.

cuculligera: hood + bearing. cf. *Sigmatostalix cuculligera*.

cucullitepalum: hood + see tepal. cf. *Dendrobium cucullitepalum*.

Cucumeria: Luer 2004: of a cucumber. syn. *Pleurothallis* R.Br.

cucumerina: ref. *cucumeris*: a cucumber + see -ina: like. cf. *Mormodes cucumerina*.

cucumerinum: as *cucumerina*. Ref. the very fleshy leaves, (remind me of gherkins). cf. *Dendrobium cucumerinum*. Noted as endemic to eastn. Aust.

cucumeris: a cucumber. cf. *Pleurothallis cucumeris*.

cucutillensis: from Cucutilla (village), Norte de Santander Department, Colombia. cf. *Masdevallia cucutillensis* Kraenzl.1922.

cuencae: of Cuenca, see *cuencanum*. cf. *Pachyphyllum cuencae* Rchb.f.1877.

cuencana: as *cuencanum*. cf. *Maxillaria cuencana* Garay 1956.

cuencanum: for place name: belonging to Cuenca city of Azuay Prov., sthn. Ecuador. Noted for its export of the special tree bark, from which the drug Quinine is extracted (see entry, Cinchona). cf. *Cyrtochilum cuencanum* Kraenzl.1917.

cuentillensis: for place name (+ from), only listed as ex Colombia. cf. *Rodriguezia cuentillensis* Kraenzl.1920.

cufodontii: listed for phytologist and author, Georg Cufodontis [+ of] (1896-1974). Descs. accr. to him are abbr. to: Cuf. ex central Africa, cf. *Cyrtorchis cufodontii* Chiov.1939. syn. *Rangaeris amaniensis* (Kraenzl.) Summerh.

cugniensis: for place name (+ from), only listed as ex Sicily island, Italy. cf. *Ophrys x cugniensis* Soca 1997.

Cuitlanzina: Lindley 1826, see *Cuitlauzina*. syn. *Odontoglossum*.

Cuitlauzina: Lex.1825. Listed for Sr.Cuitlauhuatzin (+ of), govenor of Itzapalapa state, Mexico. eg. *Cuitlauzina pulchella*.

Cuitlauzinia: Rchb.1841, see *Cuitlauzina*. syn. *Odontoglossum*.

cujetifolia: my only ref. to *cujeti*-, is of *Crescentia cujete* L.: ex Sth.America, commonly, the calabash tree* of the family, Bignoniaceae (+ *folia*: leaf). ex Brazil, cf. *Ornithocephalus cujetifolia* Barb.Rodr.1877. *Trivium: I knew an astute orchidologist in PM.PNG.(info. on the gentleman, see *sladeanum*), who specifically grew these trees as hosts for most of his collection of epiphytic orchids (he had an impressive, varied selection of both, locals and exotics). Besides their ornamental and conversational value, he swore by them, as being about the best host possible. From what I saw, his plants all seemed to thrive on them and it was a tribute to his foresight and long-range planning.

culex: gnat; mosquito. Noted as alluding to a flower. cf. *Lepanthes culex*. + Of interest, see *examen-culicum* (: a swarm of mosquitoes).

culicifera: as *culiciferum*. cf. *Lemurella culicifera*.

culiciferum: ref. *culicis*: an insect like a (small) mosquito, or gnat + see *-fer*: bearing. cf. *Taeniophyllum culiciferum*. syn. *T. gracillimum*.

culiciferus: as *culiciferum*. cf. *Acianthus culiciferus*. syn. *A. tenuilabris*.

culiciflora: as *culicina* + flower. As with many *Habenaria* species, the flowers are likened to an insect. cf. *Habenaria culiciflora*. syn. *H. humilior*.

culicina: like a (small) mosquito, or gnat. Alluding to a flower. cf. *Habenaria culicina*.

culiculosa: ref. *culiculus*: small mosquito + see *-osa*: with many, etc. cf. *Lepanthopsis culiculosa*.

cullenii: listed for orig.coll., J.Cullen. ex Travancore, India, c1852. cf. *Eulophia cullenii* (Wight) C.E.C.Fisch.1928. syn. *E. flava*.

culm (sing.), culms (pl.): descwd., ref. *culmus*: stalk; stem; straw. Bot.: a hard, woody, jointed stem, esp. of reeds and grasses, usually hollow. This word was in an old description (c1860) and obviously, the author was ref. to the stems.

culmiforme: see culm + shape. cf. *Epidendrum culmiforme*. syn. *E. chloe*.

culmiformis: see culm + shape. cf. *Habenaria culmiformis*. syn. *H. leprieurii*.

culminicola: ref. *culminis*: ridge; peak; summit; top, etc. + resident; dweller. cf. *Ceratostylis culminicola*. Noted as endemic to Papua, Indon.

cultellifolia: ref. *cultellus*: small knife + leaf. cf. *Habenaria cultellifolia*.

cultellifolis: small knife + leaf. cf. *Pleurothallis cultellifolis*.

cultigen: listed as a fairly modern word, coined from **cultivated** + **genus**. Noted it in ref. to *Vanilla*, being found where it's not supposed to be a native and obviously imported.

cultivar: noted as coined from **cultivated** + **variety**. The progeny of a man-made cross (: hybrid). A clone in cultivation, inc. all its vegetative propagations. + See cultivar name.

cultivar name: a "fancy epithet" mainly used for hybrids, cultivar names of species and bot. varieties. Any cultivated individual, or its wild variants and its vegetatively produced progeny (ie., a clone), whether collected in the wild, or raised by man, may be identified by adding a further term to the name (with or without the varietal epithet), which is the cultivar epithet. This is a "Fancy Name" ie., not in Lat. form and is written in Roman print, starting with a capital letter and enclosed by single quotation marks, eg. 'Ruby' and double quotation marks are not allowed. eg. *Cymbidium lowianum* var. *concolor* 'Picardy', is a cultivar name. 'Picardy': the cultivar epithet.

cultivate, cultivation: the intentional growing of a plant, in suitable conditions and environment, other than its natural habitat.

cultrata: see cultrate. cf. *Polystachya cultrata*. syn. *P. cultriformis*.

cultrate: ref. *culter*: knife. Flattened, sharp edged and pointed. Like, or having the shape, or form of a knife, (mostly: only the blade).

cultratum: see cultrate. cf. *Dendrobium cultratum*.

cultratus: see cultrate. cf. *Podochilus cultratus*.

cultrifolia: knife + leaf. cf. *Plectrophora cultrifolia*.

cultrifolium: knife + leaf. The leaves are desc. as lanceolate. cf. *Dendrobium cultrifolium*.

cultriforme: knife + shape. cf. *Angraecum cultriforme*.

Cultriformes: knife-shaped.= *Polystachya* section.

cultriformis: knife + shape. cf. *Habenaria cultriformis*.

cultris: used in combwds. and not to do with a knife. Ref. *cultrix*: an inhabitant. eg. *silvicultris*. Not used very often, as mostly you'll see: *-cola*, *-icola*, *incola*: resident; dweller.

culveri: for E.Culver (+ of, orig.coll.?). ex sthn Africa, cf. *Habenaria culveri* Schltr.1895.

cumandae: for place name: from Cumandá (village), on the Pastaza river, n.west Pastaza Prov., Ecuador. cf. *Cyrtochilum cumandae* Königer 1995.

cumbensis: for place name (+ from), only listed as ex Ecuador. cf.. *Malaxis cumbensis* Dodson 1994.

cumberlegei: listed to be in recognition of Mr.P.F.& Mrs.V.M.S.Cumberlege of Bangkok. Authors, dedicated collectors and authorities, esp. of Thai. orchids. cf. *Nervilia cumberlegei* Seidenf.& Smitin.1965.

cumingiana: see *cumingii*. ex Sarawak, Borneo, cf. *Phalaenopsis cumingiana* Rchb.f.1881. syn. *P. corningiana*.

cumingii: listed for orig.coll., botanist and naturalist, Hugh Cuming (1791-1865) of Devonshire, Eng. Among other localities, he spent 3yrs. in the Philipp. collecting for Loddiges, famous Eng. nurserymen and discovered many notable species. eg. An old favourite of mine: *Coelogyne cumingii* Lindley 1840. Pers.coll., not uncommon ex PM.PNG. Beautiful creamy flowers with bright orange at the base of the tepals and to the keels on the lip. They open fully and are c65mm.(2 1/2") across. + Of interest, see *anosmum*.

cumulata: as cumulate. cf. *Callista cumulata*. syn. *Dendrobium cumulatum*.

cumulate: ref. *cumulatus*: heaped; piled (up).

cumulatum: see cumulate. Ref. the crowded flowers. cf. *Dendrobium cumulatum*.

cumulatus: see cumulate. cf. *Eurycaulis cumulatus*. syn. *Dendrobium cumulatum*.

cunabularis: see *cunabulum* + of; like (: like a cradle). cf. *Pleurothallis cunabularis*.

cunabulum: lit., a cradle*. Ref. the connate sepals. cf. *Ophidion cunabulum*. * Of interest, can also mean: origin; birth; first abode.

cundinamarcae: of the Cundinamarca Department (admin. division), Colombia. cf. *Pelexia cundinamarcae* Szlach.1993.

cuneata: see cuneate. Ref. labellum mid-lobe. cf. *Diuris cuneata*. Noted as endemic to Aust.

cuneate: ref. *cuneus*: wedge; *cuneatus*: wedge-like; wedge-shaped; having, or like a wedge. Any organ, or part likened to a wedge, with the narrowed end at the point of insertion. When the other way around, this: obcuneate.

cuneatipetalum: wedge + like + petals. cf. *Dendrobium cuneatipetalum*.

cuneatoides: cuneate + resembling. Or, may have been compared to *Epidendrum cuneatum* (?). cf. *Epidendrum cuneatoides*. syn. *Neowilliamsia cuneata*.

cuneatum: see cuneate. Ref. base of leaf. cf. *Bulbophyllum cuneatum*.

cuneatus: see cuneate. cf. *Epiblastus cuneatus*. Noted as endemic to Papua, Indon.

cuneifolia: wedge + leaf. cf. *Pleurothallis cuneifolia*.

cuneifolium: wedge + leaf. cf. *Bulbophyllum cuneifolium*. syn. *B. caudatisepalum*.

cuneiform: wedge + form; shape. This word is seldom used, because of the major ref. to ancient cuneiform writing. Mostly instead, you'll see: cuneate.

cuneiformis: see cuneiform. cf. *Lepanthes cuneiformis*.

cuneilabia: wedge + lip. cf. *Cadetia cuneilabia*.

cuneilabium: wedge+ lip. cf. *Dendrobium cuneilabium*. syn. *Cadetia cuneilabia*.

cuneilabra: wedge + lip. cf. *Ceraia cuneilabra*. syn. *Dendrobium cuneilabrum*.

cuneilabris: wedge + lip. cf. *Trichoglottis cuneilabris*.

cuneilabrum: wedge + lip. cf. *Dendrobium cuneilabrum*.

cuneipetala: wedge + petals, or see *-petalo-*: wide, etc. cf. *Malaxis cuneipetala*.
cuneipetalum: as *cuneipetala*. cf. *Crepidium cuneipetalum*. syn. *Malaxis cuneipetala*.
cunicularis: small wedge, or see *cuniculus* (?) + of; like. cf. *Lepanthes cunicularis*.
cuniculata: as *cuniculatum*. cf. *Hexisea cuniculata*. syn. *Reichenbachanthus cuniculatus*.
cuniculatum: *cuniculus* + like; having. + See *cuniculiforme*. cf. *Epidendrum cuniculatum*.
cuniculatus: as *cuniculatum*. cf. *Reichenbachanthus cuniculatus*.
cuniculiforme: ref. *cuniculus*: lit., a rabbit. Also: a drain; burrow; tunnel + see *cuniculus* + form; shape. cf. *Bulbophyllum cuniculiforme*.
cuniculiformis: as *cuniculiforme*. cf. *Hapalochilus cuniculiformis*. syn. *Bulbophyllum cuniculiforme*.
cuniculus: listed as a descwd., bot. adapted for a nectary, or gland. Not of the flower, but mostly found on the ovary, or peduncle.+ Of interest, see *cuniculiforme*.
cunninghamii: listed for orig.coll., D.D.Cunningham FRS. More, see *Didiciea*. cf. *Didiciea cunninghamii* King & Prain 1896. + See next entry.
cunninghamii: listed for Allan Cunningham (1791-1839). Botanist, naturalist and author, born Wimbledon, Eng. Worked at the RBG.Kew and then spent 2yrs. in Brazil collecting for Sir Joseph Banks. Arrived in Sydney, Aust.1816 and became famous for his explorations. + He accompanied Captain P.P.King (see *kingianum*), on an expedition to nthn. Aust. c1820. cf. *Dendrobium cunninghamii* Lindley 1835. Endemic to NZ.
cupidon: ref. *Cupido*; Cupid, Roman god of love, son of Venus. Implies: beautiful; desirable, etc.(+ see *-on*: very, etc.). cf. *Cattleya cupidon*. syn. *Cattleya mandelii*.
cuprea: see *cupreus*. cf. *Malaxis cuprea*.
cuprescens: descwd., see *cupreus*: copper colour + suffix: tending to; becoming.
cupreum: see *cupreus*. cf. *Dendrobium moschatum* var. *cupreum*.
cupreus: a colour term. Ref. *cuprum* + suffix: of copper. Like copper; copper coloured: a metallic brownish-red.
cupreus: see *cupreus*. cf. *Calochilus cupreus*. syn. *Calochilus campestris*.
cupularis: cupular; see *cupulate*. Refs. to a flower. cf. *Masdevallia cupularis*.
cupulate: ref. *cupula*: a small tub; vat; (like) an acorn-cup. Any organ, part, or group having this shape. + Ref. *cupular*.
cupulatum: see *cupulate*. cf. *Dendrochilum cupulatum*.
cupuliflora: see *cupulate* + flower. cf. *Malaxis cupuliflora*.
cupuliflorum: as *cupuliflora*. cf. *Crepidium cupuliflorum*. syn. *Malaxis cupuliflora*.
cupuligera: see *cupulate* + *-gera*: bearing. cf. *Stolzia cupuligera*.
cupuligerum: as *cupuligera*. cf. *Bulbophyllum cupuligerum*.
cupulilabra: see *cupulate* + lip. Listed as ref. column appendage. cf. *Octarrhena cupulilabra*. Noted as endemic to PNG.
curantigoides: ref. *curantigo*: listed as orig. a word for some kind of medicinal herb + resembling. cf. *Calanthe curantigoides*.
curculigoides: listed as refs. to the leaves, resembling those of *Curculigo* Gaertner: a genus of trop. terrestrial forest dwellers (of the lily family, *Liliaceae*, see lily),+ like, etc. cf. *Tropidia curculigoides*.

curicifolium: ref. *curis*: spear + leaf. cf. *Angraecum curicifolium*.
curiosa: ref. *curiosus*: strange; odd. + Can be inquisitive. cf. *Lepanthes curiosa*.
curitybensis: from Curityba (: Curitiba) city, eastn. Paraná state, Brazil. cf. *Pleurothallis curitybensis* Schltr.ex Mansf.1930. syn. *P. ciliolata*.
curnowiana: belonging to Curnow. Listed for noted grower, J.Curnow (Eng.). ex Madagascar cf. *Aerangis curnowiana* (Rchb.f.) Schltr.1925.
curnowianum: as *curnowiana*. ex Madagascar, cf. *Angraecum curnowianum* (Rchb.f.) T.Durand & Schinz 1894.
curnowianus: as *curnowiana*. cf. *Raphidorhynchus curnowianus* Finet 1907. syn. *Aerangis curnowiana*.
curranii: of Curran. Listed for orig.coll., phytologist, Hugh McCullom Curran (b1875). ex Mt.Tonglon, Luzon, Philipp. cf. *Bulbophyllum curranii* Ames 1912.
curta: ref. *curtus*: short. Ref. the median sepal. cf. *Pterostylis curta*.
curti-bradei: of Alexander Curt Brade. More info. see *bradeorum*. ex Brazil c1955, cf. *Trichosalpinx curti-bradei* (Pabst) Hoehne 1983.
curtifolia: short + leaf. cf. *Diuris curtifolia*. syn. *D. platichila*. Noted as endemic to Aust.
curtii: noted to be for a given name of Alexander Curt Brade, more info., see *bradeorum*. ex Brazil, cf. *Pleurothallis curtii* Schltr.1922.
curtipes: short + foot. cf. *Maxillaria curtipes*. syn. *M. variabilis*.
curtisepala: short + sepal. cf. *Caladenia curtisepala*. Noted as endemic to NSW., Aust.
curtisepalus: short + sepal. cf. *Petalochilus curtisepalus*. syn. *Caladenia curtisepala*.
curtisii: of Curtis. For orig.coll., Charles Curtis (1853-1928), born Devonshire, Eng. Was a mercenary for Veitch & Sons, Eng., collecting in Mauritius, Madagascar and SE.Asia region for c7yrs. Then became Superintendent, Penang Botanic Garden 1884-1903. cf. *Paphiopedilum curtisii* (Rchb.f.) Stein 1892. syn. *P. superbiens*.
curtum: ref. *curtus*: short. cf. *Oncidium curtum*.
curv-, *curvi-*: used in combwds.: bend; curve + ref. *curvus*: bent; curved.
curvata: curved; bent; having, or like a bend. cf. *Zeuxine curvata*.
curvatoascendens: curved; bent + rising; climbing. cf. *Calanthe curvatoascendens*. syn. *C. micrantha*.
curvatocallosa: curved; bent +-*callosa* can be: of beauty, and/or see *calli-*, *calli* +-*osa*. cf. *Spathoglottis curvatocallosa*.
curvatula: like, or having a small bend. cf. *Malaxis curvatula*.
curvatulum: as *curvatula*. cf. *Crepidium curvatulum*. syn. *Malaxis curvatula*.
curvatum: as *curvata*. cf. *Rhipidoglossum curvatum*.
curvibulbum: bend, or bent + bulb. cf. *Bulbophyllum curvibulbum*.
curvicalcar: bent + spur. cf. *Habenaria curvicalcar*.
curvicalcare: bent + spur + of; like, etc. cf. *Pelexia curvicalcare*. syn. *P. laxa*.
curvicalcarata: bent + see *calcarate*. cf. *Spiranthes curvicalcarata*. syn. *Pelexia laxa*.
curvicalcaratum: bent + see *calcarate*. cf. *Agraecum eichlerianum* var. *curvicalcaratum*.
curvicarina: bent + keel. cf. *Stelis curvicarina*. syn. *S. tenuicaulis*.
curvicaule: bent + stem; stalk. cf. *Dendrobium speciosum* var. *curvicaule*. Noted as endemic to Qld., Aust.

curvicaulis: as *curvicaule*. cf. *Thelychiton curvicaulis*. syn. *Dendrobium speciosum* var. *curvicaule*.
curvicolonna: bent + column. cf. *Epidendrum curvicolonna*.
curviflorum: bent + flower. cf. *Dendrobium curviflorum*.
curvifolia: bent + leaf. cf. *Diuris curvifolia*. Noted as endemic to Tas., Aust.
curvifolium: bent + leaf. cf. *Ascocentrum curvifolium*.
curvifolius: bent + leaf. cf. *Gastrochilus curvifolius*. syn. *Ascocentrum curvifolium*.
curvifructa: bent + ref. *fructus*: fruit (capsule). cf. *Pleurothallis curvifructa*.
curvilabia: bent + lip. cf. *Ponthieva curvilabia*.
curvilabre: bent + lip, or see *labrum*: edge, etc. cf. *Agrostophyllum curvilabre*.
curvilabra: as *curvilabre*. cf. *Habenaria curvilabra*.
curvimenta: as *curvimentum*. cf. *Sayeria curvimenta*. syn. *Dendrobium curvimentum*.
curvimentatum: like, or having a bent chin (see *mentum*). Or, if the *-ment-* in the middle is for *-mentum* (see "M") then it could mean: having the most bends, or much bent (?). cf. *Bulbophyllum curvimentatum*.
curvimentum: bent; curved + chin, or see *-mentum*. cf. *Dendrobium curvimentum*.
curvipes: bent + foot. cf. *Angraecum curvipes*.
curvipetala: bent + petal. cf. *Sigmatostalix curvipetala*.
curvisepala: bent + sepal. cf. *Sarcoglottis curvisepala*.
curvisepalum: bent + sepal. cf. *Dendrobium curvisepalum*.
curviungue: as *curviunguis*. cf. *Podochilus curviungue*. syn. *P. sciuroides*.
curviunguis: bent + claw; nail (+ see *ungui-*). cf. *Podochilus curviunguis*. syn. *P. sciuroides*.
curvum: bent; curved. Ref. the spur. cf. *Dendrobium curvum*.
curvus: bent; curved. cf. *Eurycaulis curvus*. syn. *Dendrobium curvum*.
cuscoensis: see *cuzcoense*. cf. *Telipogon cuscoensis* Nauray & Christenson 2003.
cusii: listed for orig.coll., Sandro Cusi (+ of), botanist and authority. ex Valle de Bravo, Mexico state, Mexico, cf. *Epidendrum cusii* Hágsater 1978.
cuspidata: see cuspidate. cf. *Pleurothallis cuspidata*.
cuspidate: ref. *cuspidis*: point. + Can be for a javelin, or spear (-head). Ref. *cuspidatus*: pointed; like, or having a point. Terminating in a fairly rigid point.
cuspidatum: see cuspidate. cf. *Dendrobium cuspidatum*. syn. *D. nathanielis*.
cuspidatus: see cuspidate. cf. *Cyclopogon cuspidatus*. syn. *Mesadenella cuspidata*.
cuspidilabia: point + lip. cf. *Stelis cuspidilabia*. syn. *Stelis hymenantha*.
cuspidilingue: point + lip. cf. *Bulbophyllum cuspidilingue*. syn. *B. blumei*.
cuspidipetalum: point + petals. cf. *Bulbophyllum cuspidipetalum*. syn. *B. sepikense*.
cuspis: descwd., mostly: (a) point. But, can allude to some objects, like: spear; javelin; prickle; nettle-point; fang, etc.
cussetii: for botanist and author, Gérard Henri Jean Cusset (b1936). ex trop. Africa, cf. *Polystachya cussetii* Szlach.& Olszewski 2001. syn. *P. polychaete*.
Cuthbertsonia: see *cuthbertsonii*. = *Dendrobium* section.
cuthbertsonii: listed for orig.coll., E.Cuthbertson, accompanied by A.W. Sayer (see *sayeri*), on an expedition to PNG. From very high altitudes, it's a miniature famous for the beauty of its very long lasting flowers, which are likened to *Sophranitis*.

Hence one synonym: *Dendrobium sophronites*. cf. *Dendrobium cuthbertsonii* F.Muell.1888.

cuticle: the outer layer. Mostly refs. to the outer surface of leaves, stems or pseudobulbs and covers the epidermal cells, sclerenchyma, mesophyll, etc. + See epidermis.

cutis-bufonis: skin + toad (: a warty surface). cf. *Dracula cutis-bufonis*.

cuttings: many species are easily propagated by taking cuttings. But, ensure you know the difference between sympodials and monopodials before starting to chop them up. + See back-cutting, monopodial growth, vegetative propagation.

cutucuensis: listed for place name: from the Cordillera de Cutacú (mtn. range), eastn. Ecuador. cf. *Pleurothallis cutucuensis* Luer 1977.

cuyujana: belonging to Cuyuja, as *cuyujense*. cf. *Ponthieva cuyujana* Dodson & Hirtz 1989.

cuyujense: from Cuyuja (village), Napo Prov., Ecuador. cf. *Epidendrum cuyujense* Hágsater & Dodson 2001.

cuyujensis: as *cuyujense*. cf. *Telipogon cuyujensis* Dodson 1989.

cuzcoense: for place name: from Cuzco (aka., Cusco), of the sthn. central Andes, Peru. Could ref. to the city, Department (admin. division), or Valley. cf. *Epidendrum cuzcoense* Schltr.1921. syn. *E. secundum*.

cuzcoensis: as *cuzcoense*. cf. *Maxillaria cuzcoensis* C.Schweinf.1945.

cyan-, *cyano-*: used in compwds., ref. *kyanos*, *kyaneos*: “blue”. A general word, as can be many shades of blue.

Cyanaeorchis: Barb.Rodr.1877, see *cyan-*: blue + see orchid. ex Brazil to Argentina, eg. *Cyanaeorchis arundinae*.

cyananthum: blue + flower. cf. *Dendrobium cyananthum*. syn. *D. hellwigianum*.

cyanapicta: blue + painted. cf. *Thelymitra cyanapicta*. Noted as endemic to Sth.Aust.

cyanater: a colour term, *cyan-*: blue + *ater*: black: a very dark blue.

cyanea: see *cyaneus*. cf. *Thelymitra cyanea*.

cyanellus: listed as a colour term: a deeper sky blue.

cyaneus: a vague colour term: a bright darkish-blue.

Cyanicula: Hopper & A.P.Br.2000: a darker blue + dimin. (slightly, or paler?). eg. *Cyanicula caerulea* (see *caeruleus*). Noted as endemic to sthn. Aust.

cyaninus: probably ref. *cyaneus* + see *-ina*. This was in a (Latin) description and in the discussion it was ref. to as: “cornflower blue”. Ref. the common blue cornflower: *Centaurea cyanus*.

cyanobrachia: blue + arm(s?). cf. *Malaxis cyanobrachia*.

cyanobrachium: as *cyanobrachia*. cf. *Crepidium cyanobrachium*. syn. *Malaxis cyanobrachia*.

cyanocentrum: blue + point. cf. *Dendrobium cyanocentrum*. Pers.coll., first at Eilogo Estate, PM.PNG. Feb.'71. A delightful miniature and is listed as the lectotype species for *Dendrobium* section *Oxyglossum*. Whilst researching, what a pleasure to turn a page and there's a photo' or drawing of a treasure I haven't seen for over 35yrs. and at last to know the “correct name”.

cianocephalus: blue + head. cf. *Elleanthus cianocephalus*.

cianocheile: blue + lip. cf. *Maxillaria cianocheile*.

cyanochila: blue + lip. cf. *Phalaenopsis equestris* forma *cyanochila*. syn. *P. equestris*.

cyanocolumna: blue + see column. cf. *Encyclia cyanocolumna*.

cyanocolumnum: blue + see column cf. *Epidendrum cyanocolumnum*. syn. *Encyclia cyanocolumna*.

cyanogramma: blue + written (upon). cf. *Ophrys cyanogramma*. syn. *O. incubacea*.

cyanoptera: blue + winged. cf. *Lepanthes cyanoptera*.

cyanopterum: blue + winged. Ref. labellum lateral lobes. cf. *Dendrobium cyanopterum*.

Cyanorchis: Thouars 1809: blue + orchid. Listed to be for the pale “blue” of the flowers (see *Phaius*). syn. *Phaius* Lour.

Cyanorkis: Thouars 1809: as *Cyanorchis*. syn. *Phaius* Lour.

cyanotriche: blue + hairs. cf. *Bulbophyllum cyanotriche*. Fascinating, this one, most of each petal has evolved into a group of minute club-like, or spatulate appendages, attached by short filaments to the remainder of the petal. (At first, appearing to be little blue hairs.). Extremely sensitive to the slightest movement, they are an obvious visual enticement for an insect pollinator. + See paleae (: the word for the appendages).

x *Cyanthera*: Hopper & A.P.Br.2004. The name was taken from the parents, *Cyanicula* and *Elythranthera*. cf. x *Cyanthera glossodioides*. Noted as monotypic and endemic to West.Aust.

kyanus: listed as a vague colour term, ref. *kyanos*: a darker, or dark blue.

cyathaeforme: was listed as such in the book I was working on, see *cyathiforme*.

cyatheicola: listed as ref. *Cyathea*: a genus of tree-ferns (family: *Cyatheaceae*) + resident; dweller. Likes to grow on tree-ferns. In the bush they are a marvellous host for many epiphytes. In my hey-day, tree-fern fibre (see the entry) was my favourite media for slab-mounting, as so many epiphytes seemed to thrive on it. cf. *Podochilus cyatheicola*. Noted as endemic to PNG.

cyathifera: ref. *kyathos*: cup + see -fer: bearing. cf. *Appendicula cyathifera*. syn. *Podochilus anceps*.

cyathiferum: as *cyathifera*. cf. *Metachilum cyathiferum*. syn. *Podochilus anceps*.

cyathiflora: cup + flower. cf. *Pleurothallis cyathiflora*.

cyathiforme (+ *cyathaeforme*): ref. *kyathos*: cup + shape. Or, ref. *Cyathea*, (see *cyatheicola*) + form (?). cf. *Agrostophyllum cyathiforme*.

cyathiformis: descwd., ref. *kyathos*: cup + shape; form. Any organ, part, or group likened to a cup (without handle).

cyathogastra: cup + belly; abdomen. cf. *Masdevallia cyathogastra*. syn. *M. nidifica*.

Cyathoglottis: Poepp.& Endl.1836: cup + tongue. eg. *Cyathoglottis candida*. syn. *Sobralia candida*.

Cybebus: Garay 1978: ref. *kybebos*: with head bent (+ see nutant). eg. *Cybebus grandis*. Noted as monotypic ex Colombia to Ecuador. Also, listed with a query, as it may be a *Brachystele* species.

Cybele: Falc.1847: for “beauty”, see next entry. syn. *Herminium* L.

cybele: is simply for “beauty”. *Cybele*: in Asian and Roman myth. was a very beautiful goddess of the Earth (and in Latin, known as *Magna Mater*). In Gk.myth., was

called Rhea, wife and sister of Cronus, ruler of the Titans. On the syn. list, without date, location, or the "correct name". cf. *Dendrobium* x *cybele* Rolfe.

Cybelion: Spreng.1826: ref. *kybelion*: a kind of plant, a blue violet. syn. *Ionopsis* Kunth (: violet + appearance. Freely trans.: looks like a violet).

Cycadales: the order of Cycads. In the tropics, they are a wonderful host to many epiphytes (inc. the very first orchid I ever found, *Acropsis javanica*. syn. *A. liliifolia*. See notes at *javanica*). Like a palm, or tree-fern, they have a dark blackish-grey, rough surface and in the ranges outside of PM.PNG., practically every one was worth a close look. I found many species on their trunks and even living happily in the crowns. The common cycad is highly toxic in both plant and fruit, also they are noted as one of the most ancient and primitive plants on Earth.

cycesis: ref. *kykesis*: a melding, mixing. cf. *Pleurothallis cycesis*.

cycladum: cf. *Serapias cycladum** H.Baumann & Künkele 1989. Am sure this refs. to the Cyclades: a large group of Greek islands in the Aegean Sea. Although there isn't any suffix to denote the word is a place name (like *-ica*, *-ense*), my refs. say that Cyclades in Latin = *Cycladum*. *syn. *Serapias orientalis*.

cyclanthum: round + flower. cf. *Bulbophyllum cyclanthum*.

cyclo-: used in compwds., ref. *kyklos*: circle. Anything to do with a circle; circular; round. + Can be: round about (as encompassing). Usually, I just say it is "round".

cyclobulbon: round + bulb. Ref. the flattened, almost circular pseudobulbs. cf. *Diplocaulobium cycobulbon*.

cyclobulbum: round + bulb. cf. *Dendrobium cyclobulbum*.

cyclocheila: round + lip. cf. *Ophrys caucasica* ssp. *cyclocheila*. syn. *O. mammosa* ssp. *caucasica*.

cyclochila: round + lip. cf. *Lepanthes cyclochila*.

cyclochilum: round + lip. cf. *Angraecum cyclochilum*. syn. *Solenangis cornuta*.

x *Cyclodes*: G.F.Carr & J.M.H.Shaw. May be: round + like (or, like a circle?), or the name has been taken from its parents. On the syn. list, it's noted as *Clowesia* x *Cycnoches* x *Momodes*.

cycloglossa: round, see *cyclo-* + tongue. cf. *Eria cycloglossa*.

cycloglossum: round, see *cyclo-* + tongue. cf. *Bulbophyllum cycloglossum*.

Cycloglossum: see *cyclo-* + tongue.= *Bulbophyllum* section.

cycloglossus: round + tongue. cf. *Peltopus cycloglossus*. syn. *Bulbophyllum cycloglossum*.

cyclobulum: round + lobe. Ref. labellum lateral lobes. cf. *Dendrobium cyclobulum*.

cyclopense: for place name: from the Cyclops Mtns. (one ref. said Cycloop Mtns.: Dutch spelling?), a little n.west of Jayapura city, Papua, Indon. cf. *Bulbophyllum cyclopense* J.J.Sm.1912.

cycloensis: as *cyclopense*. cf. *Cadetia cycloensis* (J.J.Sm.) Schltr.1922.

cyclopetala: round + petals. cf. *Appendicula cyclopetala*.

cyclopetalum: round + petals. cf. *Podochilus cyclopetalum*. syn. *Appendicula cornuta*.

cyclophoroides: see *cyclo-* + bearing + resembling. cf. *Bulbophyllum cyclophoroides*.

cyclophylla: round + leaf. cf. *Pleurothallis cyclophylla*. syn. *P. agathophylla*.

cyclophyllum: round + leaf. cf. *Bulbophyllum cyclophyllum*.
Cyclopogon: C.Presl 1827: see *cyclo*-+ beard. ex Mexico, eg. *Cyclopogon luteoalbus*.
Cycloptera: Endl.1841: see *cyclo*-+ wing. syn. *Spiranthes*.
cyclopterum: see *cyclo*-+ wing. cf. *Epidendrum cyclopterum*.
cyclosepalon: round + sepal(s?). cf. *Bulbophyllum cyclosepalon*. syn. *B. dentiferum*.
Cyclosia: Klotzsch 1838: ref. *kyklos*: circle (see *cyclo*-) + of. syn. *Mormodes* Lindl.
cyclostele: round + column. The column is desc.as: semi-globular. cf. *Liparis cyclostele*.
cyclotega: see *cyclo*-+ ref. *tegere*: to cover; hide; conceal. Or, ref. *tegmen*: covering, or *teges*: a mat; rug; covering (?). cf. *Masdevallia cyclotega*.
cyclotella: of, or like a small circle. cf. *Barkeria cyclotella*. syn. *B. scandens*.
cyclotellum: as *cyclotella*. cf. *Epidendrum cyclotellum* Rchb.f. (syn.).
x *Cynandra*: auct. On the syn. list, without further info. cf. ***Cycnoches* x *Galeandra***.
Cynauken: Lemaire 1845, ref. *kyknos*: swan (bird) + ref. *auchen*: neck. syn. *Cycnoches*.
cynnicolle: swan + neck. cf. *Oncidium cynnicolle*.
cycnocephala: swan + head. Refs. to a labellum appendage. cf. *Pterostylis cycnocephala*.
Noted as endemic to Aust.
cycnocephalus: as *cycnocephala*. cf. *Oligochaetochilus cycnocephalus*. syn. *Pterostylis cycnocephala*.
Cycnoches: Lindley 1833, ref. *kyknos*: swan + ref. *auchen*: neck. Ref. the column. ex The central Americas and noted, that like *Catasetum* it's unusual by having male and female flowers, which can sometimes be on the same raceme, but are usually separate. Some also have hermaphrodite flowers of different shapes. eg. *Cynchoches ventricosum*.
cycnoches: swan + neck. cf. *Corymbosa cycnoches*.
x *Cynodes*: auct. On the syn. list, cf. ***Cycnoches* x *Mormodes***.
x *Cycsellia*: auct. On the syn. list, cf. ***Ansellia* x *Cycnoches***.
cynostachys: swan + spike (a kind of inflorescence). + See *cynostalix*. cf. *Epidendrum cynostachys*. syn. *E. stamfordianum*.
cynostalix: swan + see *stalix*: stake. Probably for the inflorescence, as see *cynostachys*, both these entries have the same "correct name". cf. *Epidendrum cynostalix*. syn. *E. stamfordianum*.
Cydoniorchis: Senghas 1994: ref. *kydonia*: quince + see -*orchis*. ex Brazil, eg. *Cydoniorchis tetragona*.
cygnaea: ref. *cygnus* + suffix: swan-like. cf. *Chloraea cygnaea*. syn. *C. crispa*.
cygnea: as *cygnaea*. cf. *Asarca cygnea*. syn. *Chloraea crispa*.
cylindr-: used in combwds., ref. *kylindros*: a roller; cylinder. For anything to do with, or likened to a cylinder (shape).
cylindracea: cylinder + like, + see *cylindr-*. Ref. the shape of the inflo. cf. *Phyllorkis cylindracea*. syn. *Bulbophyllum cylindraceum*.
Cylindraceae: those being cylindrical. Ref. the pseudobulbs.= *Bulbophyllum* section.
cylindraceum: cylinder + see -*acea*: like. Ref. the shape of the inflo. cf. *Bulbophyllum cylindraceum*.
cylindrata: cylinder + like; having. cf. *Stelis cylindrata*. syn. *Pleurothallis macrantha*.

cylindrica: cylindrical. Alluding to the shape of the raceme. cf. *Disa cylindrica*.
cylindricum: cylindrical. Probably ref. the terete leaves. cf. *Aerides cylindricum*. syn. *Papilionanthe vandarum*.
cylindrifolia: cylinder + leaf. cf. *Pleurothallis ochreate* ssp. *cylindrifolia*.
cylindrobulbon: cylinder + bulb. cf. *Xylobium cylindrobulbon*.
cylindrobulbum: cylinder + bulb. cf. *Bulbophyllum cylindrobulbum*.
cylindrocalyx: cylinder + see calyx. Possibly has a sepaline tube (see "S"). cf. *Habenaria cylindrocalyx*. syn. *Peristylus constrictus*.
cylindrocarpum: cylinder + fruit: cylindrical capsule. cf. *Bulbophyllum cylindrocarpum*.
cylindrocentrum: cylinder + spur cf. *Taeniophyllum cylindrocentrum*.
Cylindrochilus: Thwaites 1861: cylinder + lip. syn. *Thrixspermum* Lour.
Cylindrolobus: Blume 1828: cylinder + lobe. syn. *Eria* Lindl.
Cylindrolobus: cylinder + lobe.= *Eria* section.
cylindropoda: cylinder + foot. cf. *Eria cylindropoda*. syn. *Eria coronaria*.
cylindrostachya: cylinder + spike. The raceme (: spike), likened to a cylinder (shape). cf. *Phreatia cylindrostachya*.
cylindrostachys: cylinder + spike. cf. *Cranichis cylindrostachys*.
cylindrostenophyllum: cylinder + narrow + leaf. cf. *Epidendrum cylindrostenophyllum*.
cylix: ref. kylix: cup. Refs. to a flower. cf. *Masdevallia cylix*.
x *Cymaclosetum*: G.F.Carr & J.M.H.Shaw. On the syn. list, cf. *Catasetum* x *Clowesia* x *Cymbidium*.
x *Cymasetum*: auct. On the syn. list, cf. *Catasetum* x *Cymbidium*.
cymatilis: listed as a vague colour term: a deep blue; the colour of the sea; sea-blue.
cymatilis: as last entry. cf. *Corybas cymatilis*.
cymatolegium: ref. *kymatos*: a wave + *-leguum*: gathered; furled; rolled (up). Ref. margins of labellum mid-lobe. cf. *Dendrobium cymatolegium*.
Cymatopetalum: (having) wavy petals.= *Paphiopedilum* section,
cymbalariifolia: see *cymbalariifolius*. cf. *Acianthopsis cymbalariifolia*. syn. *Acianthus cymbalariifolius*.
cymbalariifolius: ref. *kymbalon*: a vessel (boat, etc.); cup; bowl + see *-are*: like, etc. + leaf. It could be a leaf was alluded to resemble a cymbal (: an orchestral percussion instrument). cf. *Acianthus cymbalariifolius* F.Muell. & Kraenzl.1894.
cymbi-, *cymbo-*: used in combwds. Most refs. favour, *cymba*: a cup; bowl, or any kind of small boat, ie., shaped like a boat, canoe, or even a gravy-boat. Other refs. say it's from *kymbion*: small boat; bowl; cup. Most often is for an organ, part, or group likened to a small boat, dinghy, or canoe. + See comments at *Cymbidium*.
cymbicalli: see *cymbi-*+ see *calli*. cf. *Pleurothallis cymbicalli*. syn. *Myoxanthus trachychlamys*.
Cymbidieae: *Cymbidium* + suffix denotes it's a tribe.
Cymbidiella: Rolfe 1918, see *Cymbidium* + dimin. Listed as likened to a *Cymbidium*. ex Madagascar, eg. *Cymbidiella pardalina*.
cymbidifolia: see *cymbi-*+ resembling + leaf. Or, has leaves like *Cymbidium* (?). cf. *Eria cymbidifolia*.

cymbidiifolia: *Cymbidium* + like + leaf. cf. *Liparis cymbidiifolia*.

Cymbidiinae: *Cymbidium* + suffix denotes it's a subtribe.

cymbidioides: boat-like, or *Cymbidium* + resembling (?). cf. *Epigeneium cymbidioides*.

Cymbidium: Sw.1799, see *cymbi*-+ like + dimin., or relative to. Listed as arguably the most important and favoured orchid genus of them all. Has a documented history of cultivation, of near 3,000 years. Most sources say the name refs. to the lip likened to a small boat, but I could never see it. However, turn a flower upside down (ie., right way up!) and have a look at the column: like a perfect little canoe! eg. *Cymbidium canaliculatum*. Pers.coll., common ex Darwin, NT., Aust. See notes at *canaliculatum*, + see *lan*.

Cymbidium: as last entry.= *Cymbidium* section.

cymbiform : see *cymbi*-+ form; shape. Mostly taken as: boat-shaped.

cymbiforme: as *cymbiform*. Ref. the labellum callus. cf. *Dendrobium cymbiforme*.

cymbiformis: *cymbiform*. cf. *Stelis cymbiformis*. syn. *S. humilus*.

Cymbiglossum: Halb.1983. See *cymbi*-+ tongue. Noted the lip has a callus, alluded to be boat-shaped. syn. *Rhynchostele* Rchb.f.

cymbiglossum: see *cymbi*-+ tongue. cf. *Epidendrum cymbiglossum*.

cymbirostris: see *cymbi*-+ snout; beak. cf. *Hapalorchis cymbirostris*.

cymbisepala: see *cymbi*-+ sepal. cf. *Pleurothallis cymbisepala*.

cymbium: see *cymbi*-: boat, or bowl (?) + of. cf. *Lepanthes cymbium*.

cymbochilus: see *cymbi*-+ lip. cf. *Peristylus cymbochilus*.

Cymboglossum: (J.J.Sm.) Brieger 1981: see *cymbi*-+ tongue. syn. *Eria* Lindl.

cymboglossum: see *cymbi*-+ tongue. cf. *Dendrobium cymboglossum*.

Cymboglossum: see *cymbi*-+ tongue.= *Eria* section.

cymboglossus: as *cymboglossum*. cf. *Eurycaulis cymboglossus*. syn. *Dendrobium cymboglossum*.

cymbula: see *cymbi*-+ dimin. cf. *Ophidion cymbula*.

cymbulipes: see *cymbi*-+ dimin. + foot. cf. *Dendrobium cymbulipes*.

cyme: sometimes seen in discussions. Ref. *cyma*: young shoot; sprout. Also: a swelling, + orig.: a young cabbage sprout. Adapted for bot. use as a type of inflorescence (not orchids).

cymoidea: see *cyme* + resembling. cf. *Herminium cymoidea*. syn. *Cynorkis sigmoidea*.

cymose inflorescence: a definite, or determinate inflorescence like a panicle, but having an apical terminal flower on each branch. The branches are also opposite each other on the axis and the flowers usually open from the top down. + See "I", inflorescences.

x *Cymphiella*: auct. On the syn. list, cf. ***Cymbidium* x *Eulophiella***.

cynarocephala: as *cynarocephalus*. cf. *Evelyna cynarocephala*. syn. *Elleanthus capitatus*.

cynarocephalus: ref. *kynarion*: little dog; puppy + *kephale*: head. cf. *Elleanthus cynarocephalus*. syn. *Elleanthus capitatus*.

cynocephala: ref. *kynos*: dog + head. An allusion to a flower. cf. *Pterostylis cynocephala* Fitzg. Noted as endemic to Aust.

Cynorchis: Thouars 1822, see *Cynorkis*. syn. *Cynorkis*.

Cynorkis: Thouars 1809: dog + testes. Ref. the paired tuberoids. ex Madagascar, etc., eg.

Cynorkis fastigiata.

cynosorchidacea: *Cynosorchis* + like, or dog + testes + like (probably the latter, see

Cynorkis). cf. *Habenaria cynosorchidacea*. syn. *Cynorkis fastigiata*.

Cynosorchis: Thouars 1822: dog + testes. Refs. to the tuberoids. syn. *Cynorkis*.

cynosorchoides: dog + testes + resembling. Refs. to the tuberoids, or, was likened to

Cynosorchis (?). cf. *Peristylus cynosorchoides* syn. *P. nymanianus*.

cynthia: at first I gave this a miss, as I thought it to be for the given name of some lady.

But, it didn't have a suffix and then I recognised the author and have often noted his penchant for using the names of "gods and goddesses" to express "beauty" (particularly with hybrids). Ref. Gk.myth., *Kynthia* (Cynthia): another name for Selene, the very beautiful goddess of the moon (of interest, see *Selenipedium*). ex the Philipp., cf. *Phalaenopsis x cynthia* Rolfe. syn. *P. x leucorrhoda*.

cypelligera: ref. *kypellon*: cup; goblet; beaker (without handles) + bearing. cf. *Pleurothallis cypelligera*.

cyperacearum: rush; sedge + like + belonging to. cf. *Polystachya cyperacearum*. syn. *P.*

microbambusa (small + bamboo + of, also of interest see *bambu*-).

cyperifolia: rush; sedge + leaf. cf. *Encyclia cyperifolia*.

cyperifolium: ref. *cyperus*: rush; sedge + leaf. cf. *Cymbidium cyperifolium*.

Cyperocymbidium: A.D.Hawkes 1964: noted as coined from *Cyperorchis* and *Cymbidium*.

Listed as ex Sikkim, India. eg. *Cyperocymbidium gammieanum* (King & Pantl.)

A.Hawkes 1964. syn. *Cymbidium x gammieanum* King & Pantl.

Cyperorchis: Blume 1849, ref. *cyperus*: rush; sedge + ref. *kypeiros*: Galingale: a sthn. Eng.

kind of sedge + orchid. eg. *Cyperorchis rosea*. syn. *Cymbidium roseum*.

Cyperorchis: as last entry.= *Cymbidium* subgenus, and/or section.

cyphochilum: bent; humped; hunched + lip. cf. *Prasophyllum cyphochilum*. Noted as endemic to West.Aust.

Cyphochilus: Schltr.1912, ref. *kyphos*: bent; humped; hunched + lip. syn. *Appendicula* Blume.

Cypholoron: Dodson & Dressler 1972: bent + strap; thong. eg. *Cypholoron convexa*.

cypria: of Cyprus island (+ ref. *cyprius*). cf. *Ophrys cypria* Renz 1929. syn. *O. kotschyi* Fleischm.& Soó 1926.

cyprifolium: copper colour + leaf. cf. *Cymbidium cyprifolium*. syn. *Cymbidium ensifolium*.

Cypripediaceae: *Cypripedium* + suffix denotes it's a family.

Cypripedieae: *Cypripedium* + suffix denotes it's a tribe.

cypripedifolium: see *Cypripedium* + leaf. cf. *Dendrobium violaceum* ssp.*cypripedifolium*.

Cypripediinae: *Cypripedium* + suffix denotes it's a subtribe.

Cypripedilon: St.-Lag.1889, see *Cypripedium*. syn. *Cypripedium* L.

Cypripedioideae: *Cypripedium* + suffix denotes it's a subfamily.

cypripedioides: see *Cypripedium* + resembling. cf. *Pleurothallis cypripedioides*.

Cypripedium: Linnaeus 1753. Freely trans. as: Venus's slipper (and/or "beautiful slipper"). Ref. Gk.myth., *Kypris*: Venus, the very beautiful goddess of Love & Beauty +*-pedium*: listed as a contraction of *pedilon*: a foot covering; light shoe;

sandal; slipper, etc. and refs. to the labellum. ex Europe to Japan, eg. *Cypripedium calceolus* (: a small shoe).

cyrenaica: listed for place name. *Cyrenaica*: an ancient region of n.east Libya, Africa. cf. *Orchis cyrenaica* E.A.Durand & Barette 1910. syn. *Anacamptis papilionacea*.

cyrilli: listed for Italian physician, botanist and author, Domenico Maria Leone Cyrillo, one major ref. says his name is Cirillo[?] (1739-1799). Also noted, he has a genus of trees and shrubs named for him, cf. *Cyrilla* (of the cyrilla family: *Cyrillaceae*). cf. *Orchis cyrilli*. Ten.1811. syn. *Orchis provincialis*.

cyrillicola: ref. *Cyrilla* (shrub, or tree, see *cyrillii*), or possibly ref. *kyrillion*: a narrow-necked jug + resident; dweller. cf. *Lepanthes cyrillicola*.

x *Cyrtellia*: auct. On the syn. list, cf. *Ansellia* x *Cyrtopodium*.

Cyrtidiorchis: Rauschert 1982. See *cyrto*-+ resembling + orchid (+ see *-orchis*). Or, see *cyrto*-+ see *di*-+ see orchid, *-orchis*. + See *Cyrtidium*. ex Colombia, eg. *Cyrtidiorchis frontinoensis* (Garay) S.Rauschert 1982.

Cyrtidium: Schltr.1924. Noted the name was coined from *Cyrtoglottis* + *Camaridium*, as it was likened to both. syn. *Cyrtidiorchis* Rauschert.

cyrto-: used in combwds., ref. *kyrtos*: curved; convex.

cyrtoceras: curved + horn. cf. *Jumellea cyrtoceras*.

Cyrtochiloides: N.H.Williams & M.W.Chase 2001: see *cyrtochiloides*. syn. *Oncidium* Sw.

cyrtochiloides: curved + lip + resembling, or *Cyrtochilum* + resembling (?). ex Brazil, cf. *Miltonia* x *cyrtochiloides* Barb.Rodr.1877.

Cyrtochilum: Kunth 1816: see *cyrto*-+ lip. ex Ecuador to Peru, eg. *Cyrtochilum aureum*.

Cyrtochilus: Sprengel 1826: see *cyrto*-+ lip. syn. *Oncidium* Sw.

cyrtoglossa: see *cyrto*-+ tongue. cf. *Goodyera cyrtoglossa*. syn. *G. rubicunda*.

cyrtoglossum: see *cyrto*-+ tongue. cf. *Peramium cyrtoglossum*. syn. *Goodyera rubicunda*.

Cyrtoglottis: Schltr.1920: see *cyrto*-+ tongue. syn. *Mormolyca* Fenzl.

cyrtolobum: see *cyrto*-+ lobe. cf. *Dendrobium cyrtolobum*.

Cyrtopera: Lindley 1833: see *cyrto*-+ purse; pouch. Ref. the spur. eg. *Cyrtopera papuana*. syn. *Eulophia bicallosa*.

cyrtopetala: see *cyrto*-+ petals. cf. *Brassia cyrtopetala*.

cyrtopetalum: see *cyrto*-+ petals. cf. *Chrysoglossum cyrtopetalum*. syn. *C. ornatum*.

cyrtophyllum: curved; convex + leaf. cf. *Pachyphyllum cyrtophyllum*.

Cyrtopodieae: *Cyrtopodium* + suffix denotes it's a tribe.

Cyrtopodiinae: *Cyrtopodium* + suffix denotes it's a subtribe.

Cyrtopodium: R.Br.1813: see *cyrto*-+ small foot. Ref. the column-foot. ex the West Indies, etc., eg. *Cyrtopodium andersonii*.

Cyrtorchis: Schltr.1914: see *cyrto*-+ see orchid. ex Africa, eg. *Cyrtorchis chailluana*.

cyrtosepala: see *cyrto*-+ sepal. cf. *Eria cyrtosepala*.

cyrtosepalum: see *cyrto*-+ sepals. cf. *Dendrobium cyrtosepalum*.

cyrtosepalus: as *cyrtosepala*. cf. *Cylindrolobus cyrtosepalus*. syn. *Eria cyrtosepala*.

Cyrtosia: Blume 1825: curved; convex + see *-osa* + of. Listed as ref. the pollinia. ex Java, etc., eg. *Cyrtosia javanica* Blume.

Cyrtosia: as last entry.= *Galeola* section.

cyrtosioides: see *Cyrtosia* + resembling. cf. *Eulophia cyrtosioides*. syn. *E. galeoloides*.

cyrtostele: curved + pillar; column. cf. *Lepanthes cyrtostele*.

cyrtostigma: see *cyrto-*: curved + stigma. cf. *Habenaria cyrtostigma*. syn. *Peristylus tradescantifolius*.

Cyrtostylis: R.Br.1810: see *cyrto-* + see *style* (: column). eg. *Cyrtostylis tenuissima*. Noted as endemic to West.Aust.

Cystochilum: Barb.Rodr.1877: ref. *kystis*: bladder + lip. syn. *Cranichis* Sw.

cystopoides: bladder-like + resembling. cf. *Dendrobium cystopoides*. syn. *Flickingeria appendiculata*.

Cystopus: Blume 1858: bladder + foot. Ref. the bilobate sac at base of the lip. eg. *Cystopus coerulescens*. syn. *Pristiglottis coerulescens*.

cystosum: bladder + see *-osa*: full of; well developed, etc. cf. *Epidendrum cystosum*.

Cystorchis: Blume 1859: bladder + orchid. Ref. the vesicle at the spur. ex Java, etc., eg. *Cystorchis javanica* Blume.

cythera: see *Cytheris*. cf. *Cypripedium* x *cythera* Rolfe. This was listed among the synonyms, without any further info., except it's probably a *Paphiopedilum* hybrid.

Cytherea: Salisb.1812: see *Cytheris* + of. syn. *Calypso* Salisb.

cythereis: may be for "beauty", see *Cytheris*. But, also ref. *Cythera* (: Kithira) island(s), sthn. Greece (which is a given location). cf. *Serapias* x *cythereis* Renz (syn.).

Cytheris: Lindley 1831: probably to express "beauty", as again it's for another beautiful goddess. ex Gk.myth., ref. *Cytherea* (Gk.: *Kythereia*): another name for Aphrodite (Roman: Venus). syn. *Calanthe* R.Br. + See *aphrodite*, *venus*, *Doritis*.

cytology: the study of plant, or animal cells as individual units rather than components of tissue (microscopic investigation).

cytotaxonomy: listed as a term coined from cytology and taxonomy. See the separate listings.

czerniakowskiae: listed for phytologist and author, Ekatarina Georgiewna Czerniakowska (1892-1942), née Reinecke. Of interest, see *reineckeanum* (her father?). Descs. accr. to her are abbr. to: Czerniak. Listed as ex central Asia, cf. *Dactylorhiza czerniakowskiae* Aver.1983.

dacrydium: ref. *dakrydion*: a little tear (: tear-drop). cf. *Eria dacrydium*. syn. *E. biflora*.

dactyl-: used in combwds., ref. *daktylos*: digit. Mostly taken as: finger, but can also be: toe. For any organ or part alluded to resemble a finger; having, or like a finger.

dactyla: digit; finger. cf. *Lepanthes dactyla*.

x *Dactyleucorchis*: Soó 1966. Noted the name was taken from *Dactylorhiza* and *Leucorchis*, as it seemed to have qualities of both. syn. x *Pseudorhiza* P.F.Hunt.

dactylifera: finger + bearing. cf. *Eulophia dactylifera*.

dactyliferum: finger + see -fer: bearing. Alluding to the labellum callus. cf. *Oncidium dactyliferum*.

dactylina: digit; finger + like. cf. *Lepanthes dactylina*.

dactylinum: digit; finger + like. cf. *Cryptocentrum peruvianum* ssp. *dactylinum*.

Dactylis: see *dactyl-*: digit; finger, or toe. eg. *Dactylis glomerata*.

x *Dactylitella*: P.F.Hunt & Summerh.1965. Noted the name was taken from the parents, reported to be a cross of *Nigritella* x *Dactylorhiza*. syn. x *Dactylodenia*.

x *Dactylocamptis*: P.F.Hunt & Summerh.1965. Noted the name is taken from the parents, the result of *Anacamptis* x *Dactylorhiza*. ex Switzerland, cf. x *Dactylocamptis weberi* (M.Schulze) Soó 1966. Noted as monotypic.

dactyloceras: finger + horn. cf. *Podangis dactyloceras*.

Dactyloceras: Garay & H.R.Sweet 1968: finger + horn. syn. x *Orchidactylorhiza*.

dactyloclinium: finger + small bed. cf. *Epidendrum dactyloclinium*.

x *Dactylodenia*: Garay & H.R.Sweet 1966. Noted the name is taken from the parents as it's a cross of *Dactylorhiza* x *Gymnadenia*. eg. x *Dactylodenia varia*. Listed as ex westn. Europe and Great Britain.

dactylodes: digit; finger + resembling. cf. *Dendrobium dactylodes*.

Dactyloglossum: P.F.Hunt & Summerh.1965. Noted the name is taken from the parents as it was thought to be a cross of *Coeloglossum* x *Dactylorhiza*. To lit.trans.(which doesn't apply), *Dactyloglossum*: finger + tongue. syn. *Dactylorhiza* Neck.ex Nevski.

x *Dactylogymnadenia*: Soó 1966. Noted the name was taken from the parents, the result of *Dactylorhiza* x *Gymnadenia*. syn. x *Dactylodenia* Garay & H.R.Sweet.

dactyloides: digit, or finger + resembling. cf. *Aerides multiflorum* var. *dactyloides*. syn. *A. multiflorum*.

dactyloptera: finger + wing. cf. *Stelis dactyloptera*.

dactylopterum: finger + wing. cf. *Oncidium dactylopterum*.

Dactylorchis: (Klinge) Verm.1947: finger (or toe) + see -orchis. Ref. the digit-like tuberoles. syn. *Dactylorhiza* Neck.ex Nevski

Dactylorhiza: Neck.ex Nevski 1937: finger (-like) + roots. Has thick digit-like roots. ex Europe, Africa, etc., eg. *Dactylorhiza elata*.

Dactylorhynchus: Schltr.1913: finger + snout; beak. Ref. the rostellum. syn. *Bulbophyllum Thouars*.

Dactylorhynchus: as last entry.= *Bulbophyllum* section.

Dactylorrhiza: Neck.1790: see *Dactylorhiza*. syn. *Dactylorhiza* Neck.ex Nevski.

Dactylostalix: Rchb.f.1878: finger + stake (: column). eg. *Dactylostalix ringens*. Noted as monotypic, nth.eastn. Russia to Japan.

dactylostigma: finger + stigma. Has a (small) digit-like projection near the stigma (?). cf. *Habenaria dactylostigma*. syn. *H. stenopetala*.

Dactylostylis: Scheidw.1839: finger + see style (: column). syn. *Zygostates* Lindl.

dactylum: ref. *daktylos*: digit; finger, or toe. cf. *Porroglossum dactylum*.

daenikeri: listed for orig.coll., botanist and authority, A.Daeniker. Noted as ex New Caledonia 1925, cf. *Spathoglottis daenikeri* Kraenzl.1929. syn. *S. plicata*.

daenikerianum: belonging to Daeniker, see *daenikeri*. ex New Caledonia, cf. *Dendrobium daenikerianum* Kraenzl.1929.

daenikerianus: as *daenikerianum*. ex New Caledonia, cf. *Lyperanthus daenikerianus* Kraenzl. syn. *Megastylis latissima*.

dagamense: listed for place name: from Dagami, a town of n.east Leyte Island, Philipp. cf. *Bulbophyllum dagamense* Ames 1915.

dagamensis: as *dagamense*. cf. *Eria dagamensis* Ames 1915.

daguensis: from Dagua, a town of Valle del Cauca Department, Colombia. cf. *Pleurothallis daguensis* F.Lehm.& Kraenzl.1899. syn. *P. lanceana*.

dahlemense: Dahlem + from. Because I didn't read the entry properly, wasted time looking for a place in Africa (where the species comes from). The listing of the RBG., Kew, (see the Bibliography), reads: *Bulbophyllum dahlemense** Schltr., Notizbl. Bot. Gart. Berlin-Dahlem 7: 325 (1919). Obviously for where it flowered in cultivation. *syn. *B. falcatum*.

dahlemensis: see *dahlemense*. Listed as ex Sumatra, Indon., cf. *Flickingeria dahlemensis* (Schltr.) J.B.Comber 2001.

dahliaana: listed for orig.coll., O.Dahl (+ belonging to), a zoologist, naturalist and serious investigator of flora and fauna, who collected in PNG. c1890. ex Nuru River area, PNG., cf. *Eulophia dahliaana* Kraenzl.1896.

dahlianum: as *dahliaana*. cf. *Satyrium dahlianum* (Kraenzl.) Kuntze. syn. *Habenaria rumphii*.

dahomeensis: from Dahomey. Once a coastal state (République du Dahomey), Gulf of Guinea, west Africa and now is included in the sthn. part of the country of Benin. cf. *Microcoelia dahomeensis* (Finet) Summerh.1936. syn. *M. konduensis*.

dahomensis: as *dahomeensis*. cf. *Gussonea dahomensis* (Finet) Schltr.1918. syn. *Microcoelia konduensis*.

dahuaense: from Dahua (village), Guangxi Zhuang Autonomous Region, sthn. China. cf. *Paphiopedilum concolor* var. *dahuaense* Z.J.Liu & J.Yong Zhang. syn. *P. concolor*.

daibuzanensis: for place name (+ from), only listed as ex Taiwan. cf. *Goodyera daibuzanensis* Yamam.1932.

daintreana: belonging to Daintrey. Listed for orig.coll., Edwin Daintrey (1814-1887). Born in Eng., was a solicitor, naturalist, botanist and founder of The Linnaean Society of NSW. cf. *Pterostylis daintreana* F.Muell.ex Benth.1873. Noted as endemic to eastn. Aust.

daintreanus: as *daintreana*. cf. *Oligochaetochilus daintreanus* (Benth.) Szlach.2001. syn. *Pterostylis daintreana*.

daintreyana: was noted as such in the book I was working on, but is not officially listed. Info., see *daintreana*. cf. *Pterostylis daintreyana* Benth. (probably, cf. *P. daintreana*).

daissiorum: belonging to Daiss. Ref. phytologists Helga and Herm. Daiss. ex Sardegna (Sardinia island), Italy. cf. *Ophrys x maladroxiensis* nothosubsp. *daissiorum* H.Baumann et al.1995.

dajakorum: listed for the indigenous people of Borneo, ref. the Dayaks + suffix: of, belonging to. cf. *Appendicula dajakorum* J.J.Sm.1926.

dalarnensis: for place name: from Dalarna, a county of Sweden. Noted, some major refs. say the correct spec. ref. to Dalarna, is *dalecarlicus* (?). cf. *Dactylorhiza maculata* var. *dalarnensis* Landwehr 1975. syn. *Dactylorhiza maculata*.

dalatense: for place name: from Da Lat (aka. Dalat) city in the Lang Bian Mtns., sth. Vietnam. cf. *Bulbophyllum dalatense* Gagnep.1930.

dalatensis: as *dalatense*. cf. *Trichotosia dalatensis* (Gagnepain) Seidenf.1982.

dalbertisii: listed for orig.coll., L.M.d'Albertis, a mercenary for Veitch & Sons nurseries of Eng. He collected in the Asia-Pacific region and was in Dutch New Guinea (Papua, Indon.) c1875. cf. *Dendrobium dalbertisii* Rchb.f.1878. syn. *D. antennatum*. See sketch and notes at *Dendrobium*..

dalhousiae: see *dalhousieanum*. cf. *Epipactis dalhousiae* Wight. syn. *Epipactis helleborine*.

dalhousieanum: listed for Lady Dalhousie who donated the plant to the Calcutta Bot.Garden. ex Assam, India, cf. *Dendrobium dalhousieanum* Wall.1844. syn. *D. pulchellum*.

daliense: listed for place name: from Dali city, westn. shore of Er Hai (lake), n.west Yunnan, China. cf. *Cypripedium daliense* S.C.Chen & J.L.Wu 1991. syn. *C. margaritaceum*.

dallachyana: belonging to Dallachy. For orig.coll., John Dallachy (c1808-1871). Born in Scotland and worked as a gardener in Aberdeen. Then was with the RBG., Kew for some years. Went to Ceylon (: Sri Lanka) to manage a coffee plantation and then to Vic., Aust. where he became Superintendent of the Melbourne Bot.Gardens. Left Vic. and went to Qld., where he died on a field trip. cf. *Nervilia dallachyana* (F.Muell. ex Benth.) Schltr.1906. syn. *Nervilia plicata*.

dallachyi: see *dallachyana*. cf. *Bulbophyllum exiguum* var. *dallachyi* Benth.1873. syn. *Bulbophyllum wilkianum*. Noted as endemic to nth. Qld., Aust.

dalleizettii: listed for C.d'Alleizette (+ of), see *alleizettei*. ex nth.Vietnam, cf. *Dendrobium dalleizettii* Gagnep.1950.

dalmatica: belonging to Dalmatia: a district of Croatia, Yugoslavia. cf. *Ophrys dalmatica* (Murr) Soó 1926. syn. *O. bertolonii*.

daloaense: for place name: from Daloa, an inland city of sthn. Ivory Coast, Africa. cf. *Bulbophyllum daloaense* P.J.Cribb & Pérez-Vera 1975. syn. *Bulbophyllum resupinatum* var. *filiforme*.

daltonii: listed for orig.coll., C.W.d'Alton. cf. *Thelymitra daltonii* R.S.Rogers 1930. syn. *Thelymitra mathewsii* (? *mathewsii*, see both entries).

dalzellianum: belonging to Dalzell. Listed for Nicolas Alexander Dalzell (1817-1878), botanist, author, collector and authority on the flora of India. Descs. accr. to him

are abbr. to: Dalz. Was co-author of "The Bombay Flora" 1861, with colleague A. Gibson (see *gibsonii*). cf. *Aerides dalzellianum* (Santapau) Garay 1972.

dalzellianus: as *dalzellianum*. ex sthn. India, cf. *Sarcochilus dalzellianus* Santapau 1949. syn. *Smithsonia viridiflora*.

dalzellii: as *dalzelliana*. ex India, cf. *Eria dalzellii* Lindley 1859. syn. *E. filiformis*.

dalzielii: for botanist and author, John McEwan Dalziel (1872-1948). Listed as ex west trop. Africa (Nigeria, etc.), cf. *Habenaria dalzielii* Summerh. 1932.

damaiensis: listed for place name: from Soengai Damai, Borneo. cf. *Habenaria damaiensis* J.J.Sm. 1926.

damasonium: ref. *damazo*: to heal + suffix: characteristic of. Listed as orig. for a plant (named by Pliny the Elder, see "P") with medicinal value, a kind of *Alisma* (see "A"). Alludes to some superficial likeness, cf. *Cephalanthera damasonium* (Mill.) Druce 1906.

damingshanica: for place name (+ belonging to), only listed as ex s.east China. Noted a minor city, that sounds like it, ref. Damingzhen, Liaoning Prov., China (?). cf. *Platanthera damingshanica* K.Y.Lang & H.S.Guo 1993.

dammerboerii: listed for orig.coll., botanist S.Dammerboer (+ of). ex the Moluccas (Maluku), Indon. cf. *Dendrobium dammerboerii* J.J.Sm. 1922. syn. *D. strebloceras*.

dammeriana: Dammer + belonging to. For botanist and author, Karl Lebrecht Udo Dammer (1860-1920). ex Costa Rica to Ecuador, cf. *Dichaea dammeriana* Kraenzl. 1923.

damusensis: Lat'd.(and phonetic?) spelling for place name: from Gunung Damoes (mtn.), Borneo. cf. *Appendicula damusensis* J.J.Sm. 1912.

damusica: see *damusensis* (+ different suffix: belonging to). cf. *Malaxis damusica* (J.J.Sm.) Ames 1921.

damusicum: as *damusica*. cf. *Crepidium damusicum* (J.J.Sm.) Marg.& Szlach. 2001. syn. *Malaxis damusica*.

daneschiana: belonging to Danesch. Ref. phytologists Othmar and Edeltraud Danesch. On the syn. list, cf. *Ophrys x daneschiana* W.J.Schrenk.

daneschiorum: same as *daneschiana*. Again it's a synonym, listed without any other info. cf. *Ophrys x daneschiorum* P.Delforge.

danguyana: as *danguyanum*. cf. *Liparis danguyana* H.Perrier 1936.

danguyanum: listed for botanist and author, Paul Auguste Danguy [+ belonging to] (1862-1942). ex Madagascar, cf. *Angraecum danguyanum* H.Perrier 1938.

Danhatchia: Garay & Christenson 1995. Listed for Edwin **Daniel** Hatch (+ of), more info. see *hatchii*. eg. *Danhatchia australis*. Noted as monotypic and endemic to NZ.

dankiaensis: for place name (+ from). Noted two villages, Dankia and Dan Kia, almost side-by-side, a little n.east of Đà Lạt city, s.east Vietnam. cf. *Habenaria dankiaensis* Gagnep. 1932. syn. *Peristylus densus*.

dantaniense: listed for place name: from Dantania, Dalat, Vietnam. cf. *Dendrobium dantaniense* Guillaumin 1957.

danubialis: listed for place name. Refs. to the Danube River +-*alis*: relative to (: of the Romania delta area). cf. *Epipactis danubialis* Robatsch & Rydlo 1989. syn. *E. atrorubens*.

daoense: listed for place name: from Tam Dao (village), nth. Vietnam. cf. *Dendrobium daoense* Gagnep.1950. Noted as endemic to Vietnam.

daoensis: as *daoense*. cf. *Anoectochilus daoensis* Gagnep.1951. Endemic to Vietnam.

dapsilis: bountiful; plentiful; abundant. cf. *Stelis dapsilis*. syn. *Pleurothallis maxima*.

dariense: from Darién Prov., Panama (borders with Colombia). cf. *Phragmipedium dariense* (Rchb.f.) Garay 1979. syn. *P. longifolium*.

darienensis: as *dariense*. cf. *Maxillaria darienensis* J.T.Atwood 1999.

darjeelingensis: for place name: from Darjiling (aka., **Darjeeling**) city, West Bengal, n.east India. cf. *Dendrobium darjeelingensis* U.C.Pradhan 1979.

darwinianum: belonging to Darwin. Listed for Charles Robert Darwin (1809-1882), very famous Eng. biologist and naturalist. A brilliant scientist, his thoughts and observations are still keenly discussed today. During the celebrated voyage of the HMS.Beagle to Sth.America, Aust. and the Pacific Isles, 1831-'36, he gathered a vast store of information and knowledge. A prolific author, esp. noted for his "Origin of the Species" (1859), and one of interest, to us: "The Various Contrivances By Which British & Foreign Orchids Are Fertilised" (1862). I'm ashamed to admit I haven't read any of his works (yet). cf. *Catasetum darwinianum* Rolfe 1889. syn. *C. callosum*.

Darwiniella: Braas & Lückel 1982: Darwin + *i*, (as a spacer) +-*ella*: respectful suffix, see *darwinianum*. syn. *Stellilabium* Schltr.

Darwiniera: Braas & Lückel 1982: of, or belonging to Darwin, see *darwinianum*. syn. *Stellilabium* Schltr.

darwinii: of Darwin, see *darwinianum*. ex Sth. Africa, etc., cf. *Bonatea darwinii* Weale 1869. syn. *B. cassidea*.

dasy-: used in compwds., ref. *dasy*: shaggy; thickly hairy. Can have other inferences and often, simply means, hairy.

dasyandra: hairy + male. Ref. the anther area. cf. *Cischweinfia dasyandra*.

dasyanthum: hairy + flower. cf. *Oncidium dasyanthum*. syn. *O. chrysomorphum*.

dasycarpum: hairy + fruit (capsule). cf. *Angraecum dasycarpum*.

dasychila: hairy + lip (more "rough" than "hairy"). cf. *Pleurothallis dasychila*.

dasyglossa: hairy + tongue. cf. *Phloeophila dasyglossa*. syn. *Ophidion dasyglossum*.

Dasyglossum: Königer & Schildh.1994: hairy + tongue. syn. *Oncidium* Sw.

dasyglossum: hairy + tongue. cf. *Ophidion dasyglossum*.

dasyglossus: hairy + tongue. cf. *Cryptophoranthus dasyglossus*. syn. *Ophidium dasyglossum*.

Dasyglossum: Königer & Schildh.1994: hairy + tongue. syn. *Oncidium* Sw.

dasyllis: lit., a bear (the animal). cf. *Myoxanthus dasyllis*.

dasypetala: hairy + petals. cf. *Pleurothallis dasypetala*.

dasypetalum: hairy + petals. cf. *Bulbophyllum dasypetalum*.

dasyphylla: hairy + leaf. cf. *Trichotosia dasyphylla*.

dasyphyllum: hairy + leaf. cf. *Bulbophyllum dasyphyllum*.

dasypogon: hairy + beard. cf. *Gastrochilus dasypogon*.
dasypus: hairy + foot. Ref. the hairy pedicel. cf. *Eria dasypus*.
dasyrhiza: hairy + see *rhiza*: root(s), or rhizome (?). cf. *Zygostates dasyrhiza*.
dasyrhizus: as *dasyrhiza*. cf. *Ornithocephalus dasyrhizus*. syn. *Zygostates dasyrhiza*.
dasystachys: hairy + spike (raceme). cf. *Eria dasystachys*.
dasystele: hairy + pillar; column. cf. *Dryadorchis dasystele*.
dasystyle: ref. *dasys* + see *tyle*: hairy + wart. One ref. says it's for the crest of the labellum, but could also be alluding to a pseudobulb, fancifully likened to a large wart and the "shaggy" (*dasys*), for the many cataphylls (?). + See *dasytyle*, one must be an error, as refs. are the same (the official listing is, *dasystyle*). ex Brazil, cf. *Oncidium dasystyle* Rchb.f.1873.
dasytainia: hairy + see *taeni*:- ribbon; band, etc. cf. *Epidendrum dasytainia*. syn. *Prosthechea livida*.
dasytyle: cf. *Oncidium dasytyle* Rchb.f.1873: shaggy + see *tyle*: wart, etc. (+ see *dasystyle*). Took this from a book I was working on, but there isn't any official listing.
dasyura: hairy, or shaggy + tail. cf. *Lepanthes dasyura*.
dataensis: for place name: from Data (village). Noted two, in the same region of n.west Luzon, Phillip. cf. *Ceratostylis dataensis* Ames 1922.
datura: ref. *Datura*: a genus of (mostly) soft, herb-like plants of the nightshade family, *Solanaceae*. Listed as alluding to a flower (probably for the shape). cf. *Masdevallia datura* Luer & R.Vásquez 1983.
 daughter tuberoids: see vegetative propagation.
dauphinense: for place name: from Fort-Dauphin, now Taolagnaro, a major town, east coast sthn. Madagascar. cf. *Angraecum dauphinense* (Rolfe) Schltr.
dauphinensis: as *dauphinense*. cf. *Benthamia dauphinensis* (Rolfe ex Scott-Elliot) Schltr.1924.
davaensis: from Davao city of Mindanao, Philipp. Is listed as ex Mount Apo (N.Park), a little west of the city. cf. *Calanthe davaensis* Ames 1914.
Davejonesia: M.A.Clem.2002: for his friend, colleague and co-author, David Lloyd Jones (+ of). Famous Aust. phytologist, prolific author and authority. syn. *Dendrobium Sw*.
davidhuntii: listed for botanist and author, David G.Hunt (+ of). ex Belize, cf. *Encyclia davidhuntii* Withner & M.Fuente.
davidsei: listed for botanist and author, Gerrit Davidse (b1942). ex Costa Rica, cf. *Epidendrum davidsei* Hágsater 1993.
davisii: listed for orig.coll., Walter Davis (1847-1930), born Hampshire, Eng. Was a mercenary for Veitch & Sons nurseries of Eng. and collected in Sth. America. Returned to Eng. and became Secretary to the Geological + Royal Geographical Societies. ex Peru, cf. *Masdevallia davisii* Rchb.f.1874.
dawei: listed for botanist and author, Morley Thomas Dawe (1880-1943). ex Africa, cf. *Habenaria dawei* Rolfe 1912. syn. *H. cirrhata*.
dawongense: for place name: from Dawong (village), s.west of Lae, PNG. cf. *Bulbophyllum dawongense* J.J.Sm.1934.

dawsoniana: belonging to Dawson, see *dawsonii*. ex Myanmar, cf. *Trichoglottis dawsoniana* Rchb.f.1872.

dawsonianum: as *dawsoniana*. Noted as ex China to Indo-China, cf. *Cleisostoma dawsonianum* Rchb.f.1868. syn. *Staurochilus dawsonianus*.

dawsonianus: as *dawsoniana*. cf. *Staurochilus dawsonianus* (Rchb.f.) Schltr.1914.

dawsonii: listed for noted grower, James Dawson of Meadowbank, near Glasgow, Scotland. ex Venezuela, cf. *Cattleya dawsonii* R.Warner 1862. syn. *C. lueddemanniana* Rchb.f.1854.

dayana: belonging to John Day (1824-1888), of Tottenham, Eng., a talented bot. artist, collector and authority. He travelled widely in India, Sri Lanka and environs, W.Indies, Brazil, etc. ex Colombia to Ecuador, cf. *Pescatoria dayana* Rchb.f.1872.

dayanum: as *dayana*. ex Colombia to Ecuador, cf. *Odontoglossum cristatum* var.*dayanum* Rchb.f. syn. *O. cristatellum*.

dayi: of Day, see *dayana*. ex n.east India, cf. *Cymbidium eburneum* var. *dayi* Rchb.f.

daymanensis: from Mt.Dayman, sth.east tip of PNG. cf. *Glossorhyncha daymanensis* P.Royen 1979. syn. *Glomera hamadryas*. Noted as endemic to New Guinea.

dazyrhiza: see *dasy-*: hairy + roots. cf. *Zygostates dazyrhiza*.

de-: used in compwds.: of; from; opposite; lower; away; off. Can also be an emphasis: entirely; completely; wholly.

dealbatum: see *dealbatus*. cf. *Cleisostoma dealbatum*. syn. *C. subulatum*.

dealbatus: whitened. Listed as an inference to a colour: "white"; whitish. Or, as a paler colour over a darker undercolour and slightly streaky, as if whitewashed.

dealbatus: see *dealbatus*. cf. *Sarcanthus dealbatus*. syn. *Cleisostoma subulatum*.

deanianum: listed for orig.coll., engineer and phytologist, Henry Dean FLS.(1847-1924). Found near Sydney, cf. *Prasophyllum deanianum* Fitzg.1888. syn. *Genoplesium baueri* R.Br.1810. Noted as endemic to NSW., Aust.

dearei: listed for noted grower, Lt.Colonel Deare (+ of) of Englefield Green, Surrey, Eng., first to flower it. ex the Philipp., cf. *Bulbophyllum dearei* (Rchb.f.) Rchb.f.1888.

dearii: as *dearei*. cf. *Callista dearii* (Rchb.f.) Kuntze 1891. syn. *Dendrobium dearei* Rchb.f.1882.

debile: see *debilis*. cf. *Bulbophyllum debile*.

debiliiflora (+ have noted it as *debiliflora*?): see *debilis* + flower(s). cf. *Habenaria debiliiflora*. syn. *H. silvatica*.

debilis: weak; frail; puny. cf. *Triphora debilis*.

Decaisnea: Lindl., see next entry. syn. *Tropidia* Lindl.

Decaisnea: Brongn.1829: listed for Belgian botanist, naturalist, artist and author Joseph Decaisne (1807-1882). Descs. accr. to him are abbr. to: Decne. syn. *Prescottia* Lindl.

decalcified: was in a discussion of habitat, eg. decalcified soil: of montane soils, where the lime content has leached away. More info., read up on pedology: study of soils.

decaptera: I was saying *de-*+ *aptera* and wasted a lot of time, until I woke up, it's *deca-*+ *ptera*: ten + wing(s). cf. *Habenaria decaptera*.

decarhopalon: ten + club(s). Ref. the paleae at the petal stumps. cf. *Bulbophyllum decarhopalon*.

decaryana: belonging to Decary. For French Administration official, naturalist and botanist, Raymond Decary. Arrived in Madagascar 1916 and for many years travelled widely on official business, which enabled him to amass a vast collection of flora, of the region. Many are named for him + he was an authority and prolific author. cf. *Aerangis decaryana* H.Perrier 1938.

decaryanum: as *decaryana*. ex Madagascar, cf. *Angraecum decaryanum* H.Perrier 1938.

decaryanus: as *decaryana*. cf. *Lissochilus decaryanus* (H.Perrier) H.Perrier 1941. syn. *Oeceoclades decaryana* (H.Perrier) Garay & P.Taylor 1976.

decatriche: ten + hairs. Ref. the fine paleae, has ten to each petal. (+ Of interest, see *decarhopalon*). cf. *Bulbophyllum decatriche*.

Deceptor: Seidenf.1992: one who lies;disappoints; deceives, etc. eg. *Deceptor bidoupensis*. Listed as monotypic and endemic to Vietnam.

deceptorius: one who deceives; lies, etc.+ of. cf. *Palmorchis deceptorius*.

deceptrix: cheater; deceiver, etc. cf. *Masdevallia deceptrix*.

deceptum: ref. *deceptus*: cheat; lie; deceive; beguile. cf. *Bulbophyllum deceptum*.

Deciduosae: see deciduous.= *Lycaste* section.

deciduous: ref. *deciduus*: falling off. Shedding leaves (+ can be other parts) for some reason, or at certain seasons. Opp. to persistent, or evergreen.

deciduus: descwd.: falling off. + See deciduous.

decipiens: deceiving. Maybe because it had multiple flowers instead of one (?). cf. *Pteroceras decipiens*.

declivis: steep; inclining, or sloping down. cf. *Pleurothallis declivis*.

decolor: see *de-*: off + colour: inferring a paler kind (shade), or can be: discoloured; faded, etc. cf. *Maxillaria decolor*. syn. *Xylobium palmifolium*.

decolorata: as *decolor* + suffix: like; having (being). ex Borneo, cf. *Phalaenopsis gigantea* var.*decolorata*. syn. *P. gigantea*.

decora: ref. *decorus*: fitting; attractive; becoming; proper, etc. cf. *Caladenia decora*. Noted as endemic to West.Aust.

decorata: see *decoratus*. cf. *Habenaria decorata*.

decoratum: see *decoratus*. cf. *Maxillaria decoratum*.

decoratus: descwd.: adorned; ornamented; decorated.

decoris: ornament. cf. *Lepanthes decoris*.

decorum: see *decora*. cf. *Scaphosepalum decorum*.

decorus: see *decora*. cf. *Physurus decorus*. syn. *Aspidogyne decora*.

decumana: ref. *decumanus*: (from) east to west. Coincidentally (?), the species is listed to be from Ecuador to Peru (: more, or less, east-west). cf. *Masdevallia decumana* Königer 1982.

decumbens: see decumbent. cf. *Bulbophyllum decumbens*.

decumbent: ref. *decumbens*: reclining; lying down.

decurrens: see decurrent. cf. *Liparis decurrens*.

decurrent: extending downwards from the place of insertion. eg. Most lateral sepals are decurrent to the column.

decurrentilobum: decurrent + see lobe. cf. *Bulbophyllum decurrentilobum*.

decurrentipetala: see decurrent + petals. cf. *Eria decurrentipetala*.

decursiva: in a downward direction; decursive, same as decurrent. cf. *Liparis decursiva*. syn. *L. reflexa*.

decurtata: see *de-* + short + like; having (*-curtata*: shortened?). ex California, USA., cf. *Piperia elegans* ssp. *decurtata*.

decurva: see decurved. Ref. the galea (hood). cf. *Pterostylis decurva*. Noted as endemic to eastn. Aust.

decurved: ref. *decurvus*: curved, or bent downwards.

decurvicalcar: decurved + spur. cf. *Sarcanthus decurvicalcar*. syn. *Cleisostoma firmulum*.

decurviflorum: decurved + flower. cf. *Epidendrum decurviflorum*.

decurvirostris: decurved + beak (see rostrate). cf. *Habenaria decurvirostris*.

decurviscapum: decurved + see scape: a flower stem. cf. *Bulbophyllum decurviscapum*.

decurvulum: see decurved + dimin.: slightly decurved (?). Ref. the stelidia (: column-arms, see "S"). cf. *Bulbophyllum decurvulum*.

decurvulus: as *decurvulum*. cf. *Hapalochilus decurvulus*. syn. *Bulbophyllum decurvulum*.

decussata: ref. *decussatus*: likened to an "X", the Roman numeral for ten. cf. *Dracula decussata*.

dedicatula: ref. *dedicatum*: consecration + dimin.(: a small blessing?). cf. *Liparis dedicatula*.

dedmanae: listed for orig. coll., Ms.M.Dedman (+ of). cf. *Thelymitra dedmanae* R.S.Rogers 1938. syn. *T. stellata*. Noted as endemic to s.west Aust.

deficiens: lacking; deficient. cf. *Lepanthes deficiens*.

definite inflorescence: see cyme, cymose inflorescence.

deflexa: see deflexed. Ref. the bracts. cf. *Liparis deflexa*.

deflexed: ref. *deflexus*: bent sharply downwards.

deflexicalcarata: deflexed + spurred. cf. *Gussonea deflexicalcarata*. syn. *Chauliodon deflexicalcaratum*.

deflexicalcaratum: deflexed + see calcarate. cf. *Chauliodon deflexicalcaratum*.

deflexilabella: deflexed + lip. cf. *Platanthera deflexilabella*.

deflexipetala: deflexed + petals. cf. *Kefersteinia deflexipetala*. syn. *K. parvilabris*.

deflexum: deflexed. Ref. the lip, sharply deflexed, almost at the middle. cf. *Dendrobium deflexum*. syn. *D. wentianum*. Noted as endemic to Papua, Indon.

defoliata: as *defoliatum*. cf. *Gussonea defoliata*. syn. *Solenangis aphylla*.

defoliatum: not + foliate (+ see aphyllous). cf. *Angraecum defoliatum*. syn. *Solenangis aphylla* (: without + leaf).

deforestation: see Cinchona for some sickening statistics.

deformis: *de-* + *formis*: from + shape. Misshapen; unshapely; out of shape. cf. *Cyanicula deformis*. Noted as endemic to Aust.

degenera: lit., away from its kind. + Can be: unworthy; base; degenerate. cf. *Epipactis phyllanthes* var. *degenera*. syn. *E. phyllanthes*.

degeneri: listed for phytologist and author, Isa Degener (b1924). ex Viti Levu, Fiji, cf. *Pristiglottis degeneri* (L.O.Williams) Kores 1989.

Degranvillea: Determann 1985. Listed for phytologist, Jean Jacques de Granville, of Cayenne, French Guiana. Descs. accr. to him are abbr. to: Granv. eg. *Degranvillea dermaptera*. Noted as monotypic and endemic to French Guiana.

degranvillei: see *Degranvillea*. cf. *Sarcoglottis degranvillei* Szlach.& Veyret 1994. Noted as endemic to French Guiana.

dehiscent: ex *dehiscere*: to gape. Orchid capsules when they are ripe and have split to release their seed, are said to be dehiscent. Also in self pollination, the action of the flower beginning to open, causes the pollinia to be dispersed internally = dehiscence.

dehydrate: to dry out, see desiccate.

deirdrae: listed for the daughter of the orig.coll., Mr.A.Chisolm of Vic., Aust. cf. *Prasophyllum archeri* var. *deirdrae* Nicholls 1932. syn. *Prasophyllum archeri*.

Deiregyne: Schltr.1920: ref. *deire*: neck; throat + *gyne*: woman; female. ex Guatemala, eg. *Deiregyne thelymitra*.

Deiregynopsis: Rauschert 1982: see *Deiregyne* + appearance. syn. *Aulosepalum* Garay

deistelianum: listed for orig.coll.: R.Deistel (+ belonging to). ex central west Africa, cf. *Megaclinium deistelianum* Kraenzl. 1902. syn. *Bulbophyllum falcatum* var.*bufo*.

deistelii: of Deistel, see *deistelianum*. cf. *Liparis deistelii* Schltr.1906.

dejavu: for a common expression, orig. ex French, *déjà vu*: already (or, before) + seen. The strange feeling of reliving the current situation you are in, of having been somewhere, or done something before, which you are certain, that you have not. Also can be for a strong feeling of boredom, from much previous repetition. ex Ecuador, cf. *Pleurothallis dejavu* Luer & Hirtz 1988.

dekockii: listed for orig.coll., Dutch botanist, A.C.de Kock (+ of), who collected from Mt.Goliath area. cf. *Bulbophyllum dekockii* J.J.Sm.1911. Endemic to Papua, Indon.

delavayi: listed for orig.coll., botanist, Pierre Jean Marie Delavay (1834-1895). ex Yunnan Prov., China, cf. *Collabium delavayi* (Gagnepain) Seidenf.1984.

deleastes: lure; enticement. cf. *Lepanthes deleastes*.

delenatii: listed for noted grower, M.Delenat, first to import it to Europe. ex Vietnam, cf. *Paphiopedilum delenatii* Guillaumin 1924.

delessertiana: listed for botanist, Jules Paul Benjamin Delessert [+ belonging to] (1773-1847). Descs. accr. to him are abbr. to: Deless. ex the Philipp., cf. *Habenaria delessertiana* Kraenzl.1897. syn. *H. stenopetala*.

deliana: belonging to the Deli River, Sumatera Utara, nthn. Sumatra, Indon. cf. *Eria deliana* J.J.Sm.1909.

delicata: see *delicatus*. ex the Philippines, cf. *Phalaenopsis x delicata* Rchb.f.1882. syn. *P. x intermedia*.

delicatissimum: see *delicatus* + emphasis: very, etc. cf. *Epidendrum delicatissimum*.

delicatula: see *delicatus* + dimin. cf. *Cattleyopsis delicatula*. syn. *C. lindenii*.

delicatulum: as *delicatula*. cf. *Dendrobium delicatulum*.

delicatum: see *delicatus*. Listed as a natcross of *Dendrobium kingianum* x *D. tarberi*. cf. *D. x delicatum* (F.M.Bailey) F.M.Bailey 1902. Noted as endemic to eastn. Aust.

delicatus: descwd.: delightful; pleasurable; dainty; delicate; fastidious, etc.

deliciasensis: for place name (+ from), only listed as ex Colombia. Noted, quite a few villages named Delicias, from different areas of Colombia. cf. *Lepanthes deliciasensis* Luer & R.Escobar 1994.

deliciosa: see *deliciosus*. cf. *Phalaenopsis deliciosa* Rchb.f.1854.

deliciosum: see *deliciosus*. cf. *Kingidium deliciosum*.

deliciosus: (looks familiar, but is not delicious): delightful; pleasurable; agreeable; joyful, etc.

deliense: for place name: from the Deli River, near Medan, capital city of Sumatra, Indon. cf. *Dendrobium deliense* Schltr.1912.

delimited: seen when authors are discussing taxa within a subtribe. eg. "Clearly delimited" means that the affinities (of the genera concerned) are well defined and that it is very obvious, eg., that a *Liparis* couldn't possibly be inc. within the *Sarcanthinae*, which inc., *Vanda*, *Arachnis*, *Renanthera*, etc. Many times you'll see "delimitation obscure", or "not fully delimited" which means that it is doubtful that the genus involved, perhaps shouldn't be classified within that particular subtribe.

delitescens: ref. *delitescere*: to hide away + suffix: hiding; secreting; concealing. Ref. the anther, hidden by the cucullate median sepal. cf. *Bulbophyllum delitescens*.

dellense: from "The Dell", name of the property of Baron Schröder, where it was flowered, see *schroederiana*. On the syn. list, cf. *Epidendrum x dellense* O'Brien 1891.

dellensis: as *dellense*. cf. *Laelia x dellensis* auct. syn. (no further info. given).

delphax: young pig; piglet. cf. *Lepanthes delphax*.

delphica: belonging to Delphi, see (*Ophrys*) *delphinensis*. cf. *Ophrys delphica* Fleischm.ex Hayek 1926. syn. *O. spruneri*.

delphina: ref. *delphinus*: dolphin. Has a sepaline tube and alludes to the shape, or for the colour (?). cf. *Masdevallia delphina* Luer 1978.

delphina: ex Venezuela, cf. *Galeandra devoniana* var. *delphina* Linden & Rodigas. Noted that Mon. Rodigas (see *rodigasianum*), gave the specep. for his wife (Delphine?).

delphineae: belonging to Dauphiné, see *delphinensis*. It's also possible it may be: (those being) dolphin-like (?). Listed as (only?) ex France, cf. *Gymnadenia x delphineae* (M.& O.Gerbaud) M.& O.Gerbaud.1999.

delphinensis: listed as Lat'd. spelling for place name: from *Delphinatus*: Dauphiné, eastn. France. cf. *Dactylorhiza delphinensis* D.Tyteca & Gathoye 1988. syn. *D. angustata*. + See next entry.

delphinensis: not as previous, listed for another place name: from Delphi at Mt.Parnassus (see *parnassica*). In ancient Greece, this was the site of the famous Oracle of Delphi, dedicated to the god, Apollo. cf. *Ophrys delphinensis* O.& E.Danesch 1972.

delphinioides: same as *delphinoides*. cf. *Calanthe delphinioides*. syn. *C. sylvatica*.

delphinoides: ref. *delphinus*: dolphin + resembling, for some superficial likeness. Pers.coll., ex PM.PNG., I pored over some of my old photo's and can't see it. Perhaps it refs. to the column, or the sepaline tube (?). cf. *Dendrobium delphinoides*. syn. *D. lawesii*.

deltate: not used very often. See *deltoid*.

deltatum: *deltate*, see *deltoid*. cf. *Dendrobium deltatum*.

deltoglossa: *deltoid* + *tongue*. cf. *Octomeria deltoglossa*.

deltoglossum: *deltoid* + *tongue*. cf. *Odontoglossum* x *deltoglossum* Rchb.f. syn. *O. x andersonianum*.

deltoglossus: *deltoid* + *tongue*. cf. *Kalopternix deltoglossus*. syn. *Epidendrum deltoglossum*.

deltoid: ref. *delta* + suffix: of; like; being; having. Refs. to *delta*: 4th letter of the Greek alphabet, which is represented by a triangle (Δ). Triangular; delta shaped.

deltoidea: as *deltoideum*. cf. *Dracula deltoidea*.

deltoides: see *deltoid*. cf. *Phreatia deltoides*.

deltoideum: see *deltoid* + suffix: belonging to. Ref. the *labellum lamina*. cf. *Bulbophyllum deltoideum*.

delumbe: feebly, + ref. *delumbis*: feeble. cf. *Oncidium delumbe*. syn. *O. ansiferum*.

delumbis: feeble; weak, etc. cf. *Cannaeorchis delumbis*. syn. *Dendrobium polycladium*.

demangei: listed for orig.coll., M.De Mange. ex Vietnam, cf. *Sarcanthus demangei* Guillaumin 1930. syn. *Cleisostoma williamsonii* (Rchb.f.) Garay 1972.

demerarensis: for place name (+ from). Ref. the Demerara River and at the mouth (to the Atlantic Ocean), Demerara city (: Georgetown), Guyana. cf. *Habenaria demerarensis* Rchb.f.ex M.R.Schomb.1841. syn. *Habenaria parviflora*.

deminutum: see *de-*, for the emphasis: entirely, etc. + very small. cf. *Bulbophyllum deminutum*. syn. *B. dryas*.

demissa: see *demissus*. cf. *Caladenia demissa*. Noted as endemic to Vic., Aust.

demissum: see *demissus*. cf. *Dendrobium demissum*. syn. *Panisea demissa*.

demissus: descwd.: drooping; feeble; hanging down; low. + Can be: lowly; humble; weak.

demmenii: listed for orig.coll., J.Demmeni. (The orig. colls .are noted as: J.Demmeni & J.van Brero). ex the Socla Islands, Indon., cf. *Dendrobium demmenii* J.J.Sm.1920. syn. *Dendrobium bicaudatum*.

Demorchis: D.L.Jones & M.A.Clem.2004. Haven't read on this one, but as it's syn. to *Gastrodia* R.Br., it's probably: *demos*: fat (+ see expl. for *Gastrodia*) + orchid.

dempoense: from Dempo: ref. Gunung (Mount) Dempo (a volcano), Barisan Mtns., sthn. Sumatra, Indon. cf. *Bulbophyllum dempoense* J.J.Sm.1920.

dempoensis: as *dempoense*. cf. *Microstylis dempoensis* J.J.Sm.1930. syn. *Malaxis slamatensis*.

dendr-, dendro-, -dendrum, etc.: used in compwds., ref. *dendron*: tree. For anything to do with a tree. Of; like; belonging; or, relative to a tree.

dendriticus: I was going to have an involved explanation, but one major ref. says it's simply: tree-like; resembling a tree (shape); similar to *dendroides*. cf. *Telipogon dendriticus*.

Dendrobates: M.A.Clem.& D.L.Jones 2002: tree(s) + *bates*: haunts; frequents, etc. Many of the species are epiphytes. syn. *Dendrobium* Sw.

Dendrobianthe: *Dendrobium* + flower. Likened to some *Dendrobium* species.= *Polystachya* section.

Dendrobieae: *Dendrobium* + suffix denotes it's a tribe.

dendrobiflora: see *dendrobiiflora*. cf. *Dendroorkis dendrobiflora*. syn. *Polystachya dendrobiiflora*.

dendrobiiflora: ref. *Dendrobium* + flower. Listed as: a flower was likened to some *Dendrobium* species, see *Dendrobianthe*. cf. *Polystachya dendrobiiflora*.

Dendrobiinae: *Dendrobium* + suffix denotes it's a subtribe.

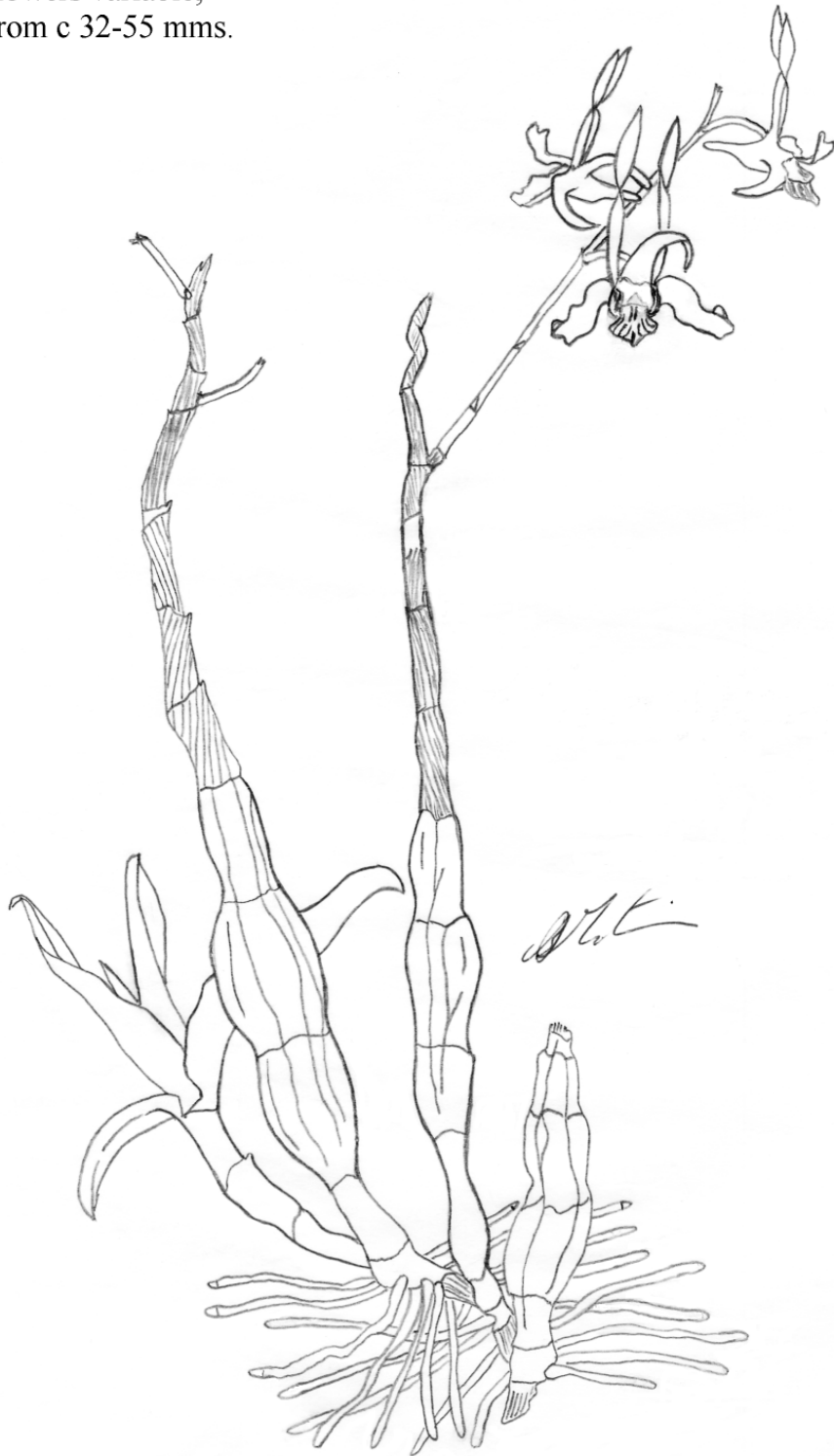
dendrobioides: *Dendrobium* + resembling. cf. *Appendicula dendrobioides*.

dendrobiopsis: listed as, *Dendrobium* + appearance (the plant, not the flowers). cf. *Angraecum dendrobiopsis*.

Dendrobium: Sw.1799, nom.cons.: ref. *dendron*: tree + *-bium*: having the characteristic of; resembling. eg. *Dendrobium johnsoniae*, see sketch and notes at "J". Many authors say that the suffix *-bium* is ex *bios*: life, so this is tree + life: lives in trees (but, also see *-bium*). It's of interest to note that within the genus, there are geophytic species and lithophytes, besides the many epiphytes. *Dendrobium* should be known as *Callista*, which is the earlier published legitimate name, preceding the name *Dendrobium* by some 9yrs. But, *Dendrobium* was declared a *nomen conservandum* (see nom.cons.) and so took the status of the legitimate name, thus *Callista* is synonymous to *Dendrobium*. A little more trivia: by an authority (RBG., Kew, Eng., see the bibliography), the genus contains 1,188 (known) species + there are over 60 other genera, synonymous to *Dendrobium* and there's sure to be more, yet to be found, in remote, inaccessible regions.

Dendrobium antennatum Lindley.

flowers variable,
from c 32-55 mms.



of interest, see *dalbertisii* and *antennatum*.

Dendrobium: see last entry.= *Dendrobium* section.

x *Dendrocattleya*: R.E.Schult.& Pease. On the syn. list, cf. *Cattleya* x *Dendrobium*.

dendrochiloides: *Dendrobium* + lip + resembling. Noted from the discussion the labellum was likened to that of some *Dendrobium* species. cf *Bulbophyllum dendrochiloides*.

Dendrochilum: Blume 1825: see *dendr*+ lip. eg. *Dendrochilum longifolium*. Pers.coll., common ex PM.PNG.

Dendrochilum: see last entry.= *Dendrochilum* section.

dendrochilum: tree + lip. cf. *Liparis dendrochilum*.

Dendrocolla: Blume 1825: tree + ref. *kolla*: glue. Listed as alluding to the plant, as if glued to the tree. syn. *Thrixspermum* Lour.

Dendrocolla: see last entry.= *Thrixspermum* section.

dendrocolla: see *Dendrocolla*. cf. *Diplocaulobium dendrocolla*.

dendrocolloides: noted it was compared to *Dendrobium dendrocolla* (syn. *Diplocaulobium dendrocolla*) + suffix: resembling. cf. *Dendrobium dendrocolloides*.

Dendrocoryne: (Lindley) Brieger 1981: tree + club. eg. *Dendrocoryne aemula*. syn. *Dendrobium aemulum*.

Dendrocoryne: see last entry.= *Dendrobium* section.

x *Dendrogeria*: auct. On the syn. list, cf. *Dendrobium* x *Flickingeria*.

Dendrolirium: Blume 1825: tree + ref. *leirion*: lily. eg. *Dendrolirium flavescens*. syn. *Eria flavescens*.

Dendrolirium: tree + lily.= *Eria* section.

dendroneura: ref. *dendron*: tree + nerves (veins). cf. *Schiedeella dendroneura*.

dendrophila: tree + loves (: loves trees). cf. *Macodes dendrophila*. An epiphytic *Macodes*? Probably not a true epiphyte and most likely was found in decaying leaf litter, trapped on very low branches, or among the moss covered, exposed tree roots. This situation has also been noted with some other normally terrestrial species of the forest floor.

Dendrophylax: Rchb.f.1864: tree + see *phylax*: guard. My interpretation: "guardian of the tree". eg. *Dendrophylax varius*.

dendrophylax: same comments as *Dendrophylax*. cf. *Phreatia dendrophylax*.

Dendrorchis: Thouars ex Kuntze 1891: tree + orchid. eg. *Dendrorchis minuta*. syn. *Polystachya concreta*.

Dendrorkis: Thouars 1809: tree + see orchid. syn. *Polystachya* Hook.

Dendrorkis: Thouars 1822: tree + orchid. syn. *Aerides* Lour.

denigrata: see *denigratus*. cf. *Flickingeria denigrata*.

denigratum: see *denigratus*. cf. *Dendrobium denigratum*. syn. *Flickingeria denigrata*.

denigratus: a vague colour term: (as if) blackened; a dark, dusky brown.

dennisii: listed for orig.coll., Geoffrey Dennis (+ of) an authority, esp. on the flora of the Solomon Islands and environs.+ He was Curator of the Herbarium & Bot.Gardens in Honiara. cf. *Bulbophyllum dennisii* J.J.Wood 1983.

dens: tooth. Used in combwds., for anything to do with a tooth, or teeth. + See dentate.

densa: ref. *densus*, see *densi*-. cf. *Maxillaria densa*.

densefoliata: densely + leafed. cf. *Jumellea densefoliata*.

densi-: used in combwds., ref. *densus*: dense. + Can be: close; crowded; thick, etc.

densibulbum: see *densi-* + bulb(s). cf. *Bulbophyllum densibulbum*.

densiflora: dense + flowers. cf. *Schoenorchis densiflora*. Pers.coll., common ex PM.PNG.

densiflorum: dense + flowers. cf. *Geodorum densiflorum*.

densiflorus: dense + flowers. cf. *Podochilus densiflorus*.

densifolia: dense, or thick + leaves. cf. *Appendicula densifolia*.

densifoliata: thick + leaf + like; having, or densely foliate (?). cf. *Sobralia densifoliata*.

densifolium: thick + leaf. cf. *Bulbophyllum densifolium*. + See next entry.

densifolium: did another example, as this one has a different interpretation: dense + leaves. By the description, the stems are very leafy. cf. *Dendrobium densifolium*.

densifolius: dense + leaves. cf. *Podochilus densifolius*. syn. *Appendicula densifolia*.

densipapillosa: see *densi-* (probably: crowded).+ see papillose: warty, etc. cf. *Chloraea densipapillosa*.

densispica: dense + spike(s), for the inflorescence(s). cf. *Phreatia densispica*.

densissima: dense + emphatic suffix: very. cf. *Phreatia densissima*.

densissimum: as *densissima*. cf. *Bulbophyllum densissimum*.

densiuscula: see *densi-*+*-uscula*: somewhat thick. cf. *Orchis angustifolia* forma *densiuscula*. syn. *Dactylorhiza traunsteineri* ssp.*traunsteineri*.

Denslovia: Rydb.1931. Listed as Lat'd. surname of the Rev.Herbert McKenzie Denslow + (of). syn. *Habenaria* Willd.

densum: see *densi-*. cf. *Genoplesium densum*. syn. *G. nudiscapum*. Noted as endemic to eastn. Aust.

densus: dense + see *densi-*. cf. *Peristylus densus*.

dentata: see dentate. Ref. the labellum lateral lobes, each have three acute teeth. cf. *Malaxis dentata*.

Dentatae: (those) having teeth, see dentate. Ref. the petals.= *Masdevallia* subsection.

dentate: ref. *dentatus*: tooth-like; like teeth; having a tooth, or teeth. Can be for a single projection, or part likened to a tooth, or ref. a margin that is notched, like having outward pointing teeth.

dentatum: see dentate. Ref. labellum apex. cf. *Dendrobium dentatum*.

dentatus: see dentate. cf. *Corybas dentatus*.

denticula: ref. *denticulus*: small tooth. cf. *Aa denticula*.

denticulata: see denticulate. Ref. labellum margins. cf. *Caladenia denticulata*. Noted as endemic to West.Aust.

denticulate: same as dentate with an added dimin.: small.

denticulatum: as denticulate. Ref. labellum margins. cf. *Catasetum denticulatum*.

denticulatus: as denticulate. cf. *Gastrochilus denticulatus*. syn. *G. acutifolius*.

dentiens: of a tooth, or teeth + suffix: becoming toothy (?). cf. *Aeranthus dentiens*.

dentifera: teeth + bearing. Ref. the labellum lateral lobes. cf. *Cystorchisentifera*.

dentiferum: teeth + bearing. Probably for the projections to the stelids. cf. *Bulbophyllum dentiferum*.

dentilabellum: see dentate + labellum (of interest, see *labrum*). cf. *Epipogium dentilabellum*. syn. *Epipogium roseum*.

dentiloba: see dentate + lobe. cf. *Pholidota dentiloba*.

dentilobum: see dentate + lobe. cf. *Taeniophyllum dentilobum*.

dentipetala: see dentate + petals cf. *Pleurothallis dentipetala*.

dentirostrata: see dentate + rostrate (: beaked, etc.). cf. *Habenaria dentirostrata*.

dentirostris: see dentate + beak. cf. *Habenaria dentirostris*. syn. *H. trifida*.

dentrecasteauxii: is possibly for the place name: of the D'Entrecasteaux Islands off the east coast of PNG. Also ref. the famous French navigator (whom the islands are named for), Commander Antoine Raymond Joseph De Bruni, Chevalier d'Entrecasteaux (1739-1793). Listed as ex New Guinea, cf. *Eria dentrecasteauxii* Kraenzl.1910.

denudans: baring, + ref. *denudare*: to make bare; strip. The stems are leafless (: aphyllous) when flowering. cf. *Dendrobium denudans*.

deorsum: see *deorsus*. cf. *Masdevallia deorsum*. syn. *M. caesia*.

deorsus: descwd., seen in descriptions: downwards + towards the base; below.

depauperata: see depauperate. cf. *Pterostylis depauperata*. Noted as endemic to Qld., Aust.

Depauperatae: see depauperate (+ of). = *Pleurothallis* section.

depauperate: ref. *depauperatus*: poorly developed; emaciated; undernourished, etc.

depauperatum: as depauperate. cf. *Cyrtorchilum depauperatum*. syn. *Leochilus labiatus*.

depauperatus: see depauperate. cf. *Leochilus depauperatus*. syn. *L. labiatus*.

dependens: hanging. Ref. the plant's loose habit of hanging from twigs and small branches. cf. *Glomera dependens*.

depinctrix: ref. *depingere* + suffix, freely trans.: one who (or, which) is painted. ex Brazil, cf. *Sarcoglottis depinctrix*.

deplanchei: listed for orig.coll., M.de Planche (+ of). ex New Caledonia, cf. *Dendrobium deplanchei* Rchb.f.1877.

deppei: see *Deppia*. ex Mexico, cf. *Lycaste deppei* (Lodd.) Lindley 1843.

Deppia: Raf.1836: listed for orig.coll., botanist and naturalist, Ferdinand Deppe (?-1861). Noted as ex Jalapa state, Mexico. syn. *Lycaste* Lindl.

depressa: see depressed. cf. *Calanthe bicalcarata* var. *depressa*.

depressed: ref. *depressus*: flattened down; pressed. + Can be: low; lowly.

depressifolia: see depressed + leaf. cf. *Habenaria depressifolia*.

depressum: see depressed. cf. *Bulbophyllum depressum*.

depsata: softened; kneaded, can also be: mixed. cf. *Orchis depsata*. syn. *Satyrium candidum*.

deregularis: see *de-* + *regularis*: uneven; irregular, etc. cf. *Pleurothallis deregularis*.

dermatantha: skin + like + flower. Or, ref. *dermatinos*: of leather; hide; skin + flower (?). cf. *Masdevallia dermatantha*. syn. *M. campyloglossa*.

dermatanthum: as *dermatantha*. cf. *Epidendrum dermatanthum*.

dermaptera : I had: skin + wings, which is (almost) correct. In the discussion, the labellum was likened to an earwig: an insect of the order, Dermaptera (listed to have c1,200 species). The lip has two appendages reminiscent of the cerci* + the outline completes the allusion to an earwig. (Sure does!). *Cerci: a pair of horny projections at the rear of the insect's abdomen, can be: sensory appendages, long

or short, or modified into pincers for gripping and holding. cf. *Degranvillea dermaptera*.

Deroemera: Rchb.f.1852: listed for botanist, naturalist and author, **R.de Roemer** (fl.1859). ex Africa, cf. *Deroemera aphylla*. syn. *Holothrix aphylla*.

descendens: descending; directed downwards. cf. *Angraecum descendens*. syn. *Aerangis articulata*.

description: I often abbreviate it to: desc. Would have to be a very exacting task. Every minute and distinguishing feature of the plant's entire parts must be described in recognized botanical form and terminology. When a description is being submitted for the first time, it must comply with the rules of the ICBN. and be presented in Botanical Latin. + See author, protologue, phytochemistry, taxonomy.

deserta: ref. *desertus*, the same as in English: abandoned, etc. cf. *Pleurothallis deserta*.

desertorum: ref. *desertum*: desert + belonging to. Not truly as a desert, but as wastelands, etc. Listed as ex Hispaniola Island, cf. *Oncidium desertorum* Nash ex Withner 1967. syn. *O. guianense*.

desiccate, desiccation: ex *desiccare*: to dry up. Dehydrated, completely dried out; having all moisture extracted. Can be used in the sense of being mummified, withered and seared. eg. " ..the flowers were persistent, but desiccated."

desm-, *-desme*, *desmo-*, etc.: this could cause confusion. Ref. *desmis*: bunch; bundle; parcel. Or, can also be ref. to *desmos*: chain; bond; tie, etc.

desmanthum: ref. *desmis*: bundle; bunch + flowers. cf. *Bulbophyllum desmanthum*.

Desmosanthes: ex *desmis* + *anthes*: (those with) bundled; bunched flowers.= *Bulbophyllum* section.

desmotrichoides: bundle + hair + resembling. Or, *Desmotrichum* + resembling (?). cf. *Bulbophyllum desmotrichoides*.

Desmotrichum: Blume 1825: ref. *desmis*: bundle + *trichos*: hair. eg. *Desmotrichum criniferum* syn. *Flickingeria comata*. Pers.coll., fairly common ex PM.PNG., see sketch and notes at "E" (*Ephemerantha*) and note the tuft (bundle) on the labellum.

Desmotrichum: bundle + hair.= *Dendrobium* section.

despectans: ref. *despectare*: to look down upon; to command a view of; to despise. Could be: despising; looking down, but is probably, simply for the downward facing flowers (see nutant). cf. *Genoplesium despectans*. Noted as endemic to s.east Aust.

desportesii: listed for botanist and author, Jean Baptiste René Pouppé Desportes (1704-1748). ex Mexico to Sth.America, cf. *Stelis desportesii* Urb.1918. syn. *S. aprica*.

destituta: ref. *destitutus*: devoid of possessions; poor; lacking. cf. *Lepanthes destituta*.

desvauxiana: belonging to Desvaux. Listed for French botanist, Auguste (Augustin?) Nicaise Desvaux (1784-1856), of Paris, France. Descs. accr. to him are abbr. to: Desv. ex Ecuador, etc., cf. *Maxillaria desvauxiana* Rchb.f.1854.

determannii: for phytologist and author, R.O.Determan(n ?). ex Ecuador, cf. *Pleurothallis determannii* Luer 1982.

determinate: definite, ie. having fixed limits. eg. A cymose inflorescence is determinate. As an opposite, see indefinite.

detortum: turned aside; turned away (from). Has a long pendent panicle inflo. cf. *Cyrtorchilum detortum*.

deutero-caquetana: ref. *deuteros*: second + see *caquetana*. Don't know the reasoning, but that's what it means. ex Colombia, cf. *Maxillaria deutero-caquetana* P.Ortiz 1991.

deutero-caucana: second + see *caucana*, *cauca*. ex Colombia, cf. *Maxillaria deutero-caucana* P.Ortiz 1991.

deuteropastensis: second + see *pastensis*, *pastoense*. ex Colombia, cf. *Maxillaria deuteropastensis* P.Ortiz 1991.

devangiriense: listed as phonetic spelling for place name: from Davangere city (aka., Devangere), Karnataka Ghats, s.west India. cf. *Bulbophyllum devangiriense* N.P.Balakr.1970. syn. *B. monanthum*.

devenensis: from Deven. Listed as ex Germany (among other places), noted two towns with this name. cf. *Ophrys x devenensis* Rchb.f.1851.

devium: *de-*: from + *via*: a path; way, etc.+ Ref. *devius*: wandering; out of the way; errant; inconstant; devious. Has distant pseudobulbs, which deviates from others in its section (*Aphanobulbon*). cf. *Bulbophyllum devium*.

devogelii: of de Vogel. For orig.coll., Eduard Ferdinand de Vogel (b1942). Author, phytologist and editor of the periodical "Orchid Monographs". ex Borneo, cf. *Dendrochilum devogelii* J.J.Wood 1994.

devonia: of Devon, see *devoniana*. ex Brazil, cf. *Cattleya x devonia* auct.1863. syn. *x Sophrocattleya elegans*.

devoniana: listed for the Duke of Devonshire (+ belonging to), of Chatsworth, Eng., noted grower and patron of horticulture. ex Brazil, cf. *Galeandra devoniana* M.R.Schomb. ex Lindley 1840.

devonianum: as *devoniana*. ex Nepal to Thai., cf. *Cymbidium devonianum* Paxton 1843.

devoniensis: from Devon, Eng. Orig. from Mexico, was first flowered by the Duke of Devonshire (see *devoniana*). cf. *Stanhopea devoniensis* Lindl.1838. syn. *S. tigrina*.

devosianum: listed for botanist, F.de Vos, who collected in SE.Asia, the Moluccas and Papua, Indon. cf. *Dendrobium devosianum* J.J.Sm.1934.

de-vriesiana: belonging to de Vriese. For orig.coll., botanist and author Willem Hendrik de Vriese (1806-1862). ex Java, cf. *Phalaenopsis de-vriesiana* Rchb.f.1860. syn. *P. cornu-cervi*.

deweveri: listed for botanist Alfred Dewever [Dewevre?] (1866-1897). ex Europe to west Siberia, cf. *Dactylorchis deweveri* Verm.1949. syn. *Dactylorhiza traunsteineri*.

dewevrei: see *deweveri*. ex Africa, cf. *Chamaeangis dewevrei* (De Wild.) Schltr.1918. syn. *C. odoratissima*.

dewildei: listed for phytologist and author, Willem Jan Jacobus Oswald de Wilde (+ of). ex Sumatra, cf. *Bulbophyllum dewildei* J.J.Verm.1996.

dewildeorum: as *dewildei* +suffix: of, or belonging to. ex Sumatra, cf. *Dendrochilum dewildeorum* J.J.Wood & J.B.Comber 1995.

dextrorse: ref. *dextrorsum*, eg. "... in a dextrorse fashion, from left to right". Towards, or to the right.

di-: used in compwds.: twice; two; double; twofold; having two. + Can be: separate; asunder; apart; away from. Is also a negative: not; without, etc.(+ see *dis-*).

dia-: used in combwds.: through; across; over; between; extra. + Can be an emphasis: very; absolutely, etc.

diabola: ref. *diabolus*: devil. A fanciful allusion to the flower, + it compliments the genus. cf. *Dracula diabola*.

diabolica: belonging to the devil; devilish. cf. *Lepanthes diabolica*.

diabolicus: as *diabolica*. cf. *Zosterophylloanthos diabolicus*. syn. *Pleurothallis diabolica*.

x *Diabroughtonia*: auct. On the syn. list, cf. *Broughtonia* x *Diacrium*.

x *Diacattleya*: auct. On the syn. list, cf. *Cattleya* x *Diacrium*.

Diacrium: Benth.1881: see *di-*: two + ref. *acris*: point(ed). Has two horn-like projections on the lip. eg. *Diacrium bicornutum* (: two + horned). syn. *Caularthron bicornutum*.

diadema: ref. *diadem*: crown; head-dress + of. Mostly symbolic of power; royalty, etc. cf. *Oncidium diadema*. syn. *Cyrtorchilum serratum*.

Diadena: *di-*+ ref. *adenos*: two + gland. Ref. the viscid discs of the pollinia (: viscidia).= *Podochilus* section.

Diadenium: Poepp.& Endl.1836: two + gland + characteristic (of). ex Ecuador to Bolivia, eg. *Diadenium micranthum*.

x *Diakeria*: auct. On the syn. list, cf. *Barkeria* x *Diacrium*.

diakoptensis: for place name (+ from), only listed as ex Greece. Noted a village that sounds like it, ref. Dhiakópia, Aitolokarnania Department (admin. division), westn. Greece. cf. *Ophrys* x *diakoptensis* M.Bayer 1978.

x *Dialaelia*: auct. On the syn. list, cf. *Diacrium* x *Laelia*.

x *Dialaeliocattleya*: auct. On the syn. list, cf. *Cattleya* x *Diacrium* x *Laelia*.

x *Dialaeliopsis*: auct. On the syn. list, cf. *Diacrium* x *Laeliopsis*.

Dialeipanthé: see *dia-*: as an emphasis (?) + ref. *leipein*: to leave; go (away) + flowers. The inflo. is always directed well away from the plant.= *Bulbophyllum* section.

Dialissa: Lindley 1845: *di-*: two + ref. *alissus*: stuck together. Ref. the joined sepals. Some refs. say, *Dialis*: of Jupiter, a Roman god of the heavens (Gk. equiv.: Zeus). Knowing Prof.Lindley's penchant for naming plants for Gk.myth. characters this is possible, but I prefer the former expl., which I obtained from the (Latin) description. syn. *Stelis* Sw.

dialissa: see *Dialissa*. cf. *Stelis dialissa*.

Dialissa: see *Dialissa*.= *Stelis* section *Dialissa*.

dialychilum: ref. *dialuein* (*dialyein*?): lit., to part asunder (: cleft; divided) + lip. One major ref. defined it as: distinctively lipped (?). cf. *Epidendrum dialychilum*.

dialyrhombicum: ref. *dialuein* (*dialyein*?): to part asunder + see rhomb + suffix: belonging to, or the result of an action. One major ref. defined it as: distinctly rhombic (?). cf. *Epidendrum dialyrhombicum*.

diamantensis: for place name (+ from), only listed as ex Colombia. There are a lot of villages, called Diamante, or El Diamante in this country. cf. *Maxillaria diamantensis* Kraenzl.1920.

diana: is for “beauty”, + see next entry. Listed as cf. *Cypripedium* x *diana* B.S.Williams. syn. *C.* x *cythera* (again, for beauty, refs. to Cytherea, etc.: Aphrodite. See the entry, *cythera*). But, *C.* x *cythera* is also listed among the synonyms, with no further info., except it’s a *Paphiopedilum* hybrid.

dianae: ref. myth. Diana (+ of): Roman goddess of the The Hunt (Gk.myth. equiv.: Artemis). My suggestion for the specep., is to ref. to the arched column as a bow. Diana is nearly always depicted as having a bow, to signify hunting. Of course, the specep. could have easily been for a “real” Diana. However, I am confident that the flower was fancifully likened to a lovely lady, with a bow = Diana. cf. *Cycnoches dianae* Rchb.f.1852.

Diandrae: (those with) two male organs (: stamina, or anthers), ref. the subfamily of *Diandrae*: These include the genera: *Cypripedium*, *Paphiopedilum*, *Phragmipedium*, *Selenipedium*.

diandrous: of, or those having two males. Having two functional anthers (male reproductive organs). + See *Diandrae*.

diannanensis: from Diannan (village), Yunnan Prov., sthn. China. cf. *Gastrochilus diannanensis* Z.H.Tsi & Y.Z.Ma 1985. syn. *G. platycalcaratus*.

diantha: see di-+ flower. cf. *Pleione diantha*. syn. *P. humilis*.

Dianthe: two + flowers.= *Dendrobium* section. syn. *Dendrobium* section *Grastidium*.

dianthoides: two + flowers + resembling. cf. *Habenaria dianthoides*. syn. *H. radiata*.

dianthum: two + flowers. cf. *Paphiopedilum dianthum*.

diaphana: see *diaphanus*. cf. *Octomeria diaphana*.

x *Diaphanangis*: auct. On the syn. list (no further info.). cf. *Aerangis* x *Diaphananthe*.

Diaphananthe: Schltr.1915: see *diaphanus* + flower. ex West trop. Africa to Uganda, eg. *Diaphananthe pellucida*.

Diaphananthe: clear + flowers.= *Diaphananthe* section.

diaphanum: see *diaphanus*. cf. *Dendrobium diaphanum*.

diaphanus: descwd.: diaphanous; almost clear; semi-transparent. (Of interest, ref. *diaphanes*: transparent.).

diaphanus: as last entry. cf. *Leochilus diaphanus*. syn. *Oncidium hyalinobulbon*.

x *Diaschomburgkia*: auct. Same comments as, x *Diaphanangis*. cf. *Diacrium* x *Schomburgkia*.

diastasia: two + ref. *astacus*, *astakos*: a crustacean (like a lobster) + of; like, etc. I’m guessing with this, but I have a precedent, see *locusta*. ex Peru, cf. *Lycaste diastasia*.

diaziae: listed for phytologist and author, Consuelo Díaz de la Guardia Guerrero (b1952). ex Cuba, cf. *Lepanthes diaziae* Luer 1998.

dibolia: lit., a double-edged lance (head). cf. *Lepanthes dibolia*.

dibothron: di-: two + ref. *bothrion*: small pit; depression; dent. Has two consecutive depressions, at the base of labellum on the median line. cf. *Bulbophyllum dibothron*.

diceras; two + horn. Has two horn-like projections at the base of the labellum. cf. *Bulbophyllum diceras*. syn. *B. posticum*.

Diceras: see *diceras*.= *Bulbophyllum* section.

Diceratostele: Summerh.1938: two + horned + column. Has two horn-like projections on the column. Noted as monotypic, ex Gabon, cf. *Diceratostele gabonensis*.

diceratum: two + horned. cf. *Cyrtochilum diceratum*.

dicrochila: two + horn + lip. cf. *Disperis dicrochila*.

Dicerostylis: Blume 1859: two + horn + column. syn. *Hylophila* Lindl.

dicha-, *dicho-*: used in combwds., ref. *dicha*: of, or in two; double; twofold; paired.

Dichaea: Lindley 1833: see *dicha*-+ of. Ref. the leaves in two rows. ex Mexico to the central Americas, eg. *Dichaea graminoides*.

Dichaeinae: see *Dichaea* + suffix denotes it's a subtribe.

dichaeoides: *Dichaea* + resembling. Ref. the leaves and branches. cf. *Dendrobium dichaeoides*.

Dichaeopsis: Pfitzer 1887: see *Dichaea* + see *-opsis*: appearance. syn. *Dichaea* Lindl.

dicheata: see *dicha*-+ suffix: like; having. cf. *Pterostylis dicheata*. syn. *P. despectans*.

dichilus: see *di*-+ lip. cf. *Bulbophyllum dichilus*.

dichopetala: see *dicha*-+ petals. cf. *Habenaria dichopetala*.

dichopetalus: see *dicha*-+ petals. cf. *Physurus dichopetalus*. syn. *Aspidogyne*.

Dichopus: Blume 1856: see *dicha*-: double +-pus: foot; footed. Has a wedge-like appendage at base of column, giving the appearance of having a double foot (: column-foot). eg *Dichopus insignis*. syn. *Dendrobium insigne*. Pers.coll., not uncommon ex PM.PNG., see notes at *insigne*.

Dichopus: see last entry.= *Dendrobium* section.

dichotoma: see dichotomous. cf. *Sobralia dichotoma*.

dichotomous: listed as a coined word, see *dicha*- + ref. *tomikos*: of cutting. Having divisions, or branches, etc., always in pairs.

dichotomum: see dichotomous. Ref. the rhizome which branches and then travels almost parallel to each other. cf. *Bulbophyllum dichotomum*.

dichroa: see *di*-+ *-chroa*, (usually): skin colour, but could be a contraction of *chroma*: colour, cf. *Disa dichroa*.

dichroantha: as *dichroanthum*. cf. *Coelogyne dichroantha*.

dichroanthum: see *dichroa* + flower. Flowers are skin-coloured, or have two colours (?). cf. *Cleisostoma dichroanthum*. syn. *Schoenorchis gemmata*.

dichroma: two + colour. The flowers are orange-red + yellow. cf. *Dendrobium dichroma*.

Dichromanthus: Garay 1982: two + colour + flower. ex sthn. Texas to Guatemala, eg. *Dichromanthus cinnabarinus*.

dichromaticum: see *di*-+ colour + having; like; relative to, etc. cf. *Oncidium dichromaticum*.

dichromum: two + colour. cf. *Bulbophyllum dichromum*. syn. *Sunipia dichroma*.

dichroneura: ref. *dikros*: forked; cleft + nerves. cf. *Oncidium dichroneura*. syn. *O. aureum*.

dichrotropis: by the description: ref. *dikros*: forked; cleft + *tropis*: keel and refs to the forked, lateral labellum keels. cf. *Diplocaulobium dichrotropis*.

Dickasonia: L.O.Williams 1941. Listed for F.G.Dickason (+ of), orchidist and serious collector (orig.coll.?), ex Rangoon, Burma (now: Yangon, Myanmar) and noted as monotypic. eg. *Dickasonia vernicosa*.

dickasonii: for orig.coll., see *Dickasonia*. ex India to Thailand, cf. *Dendrobium dickasonii* L.O.Williams 1940.

dickinsoniana: as *dickinsonianum*. ex Mexico to Guatemala, cf. *Encyclia dickinsoniana* (Withner) Hamer 1985. syn. *Encyclia guatemalensis* (Klotzsch) Dressler & G.E.Pollard.

dickinsonianum: belonging to Dickinson. Listed for Stirling Dickinson, noted orchidist and collector. ex Mexico, cf. *Cypripedium dickinsonianum* Hágsater 1984.

dicliptera: ref. *diclis*: double-folded (or, folding?) + wing. cf. *Ponthieva dicliptera*. syn. *P. diptera*.

dicotyledon: see di- + see cotyledon. Of *Angiospermae*: having two cotyledons.

dicranophorum: may be di-: two + ref. *kranos*: helmet + see -*phora*: bearing (?). More likely, *dicrano-* is ref. *dikranon*: a double tined fork, or pitchfork and refs. to the labellum callus, which has two extended lamellae (and is noted as alluded to a two-pronged fork), + bearing. cf. *Odontoglossum* x *dicranophorum* Rchb.f.1888.

Dicranotaenia: Finet 1907: ref. *dikranon*, see *dicranophorum* (without -*phorum*) + ribbon; band. syn. *Microcoelia* Lindl.

Dicrophyla: Raf.1836. Mr.Rafinesque-Schmaltz (: Raf.), often heavily abbreviated his names and I noted one suggestion was, di-: two + cro-, ref. *chroma*: colour + -*phyla*, ref. *phylum*: race; tribe; kind: two + colour + kind (?). Most refs. say (this) -*phyla*, is for *phyllum*, a leaf: two + colour + leaf. I think this time, he didn't abbreviate (much) and my interpretation is: ref. *dikros*: forked; cleft; divided + -*phyla*: kind. syn. *Ludisia* A.Rich.

Dicrypta: Lindley 1830: di-: two + see *crypt*:- hidden. From photo's, it's a large and beautiful plant, often having two very small flowers at its base, not so much as "hidden", but "hiding". Look at the plant from the wrong side and you wouldn't see the flowers. eg. *Dicrypta iridifolia*. syn. *Maxillaria valenzuelana*.

dictydion: a little net. Ref. the net-like veining. cf. *Lepanthes dictydion*.

dictyoneuron: ref. *dictyon*: net + nerved. Ref. the net-like veining. cf. *Bulbophyllum dictyoneuron*.

Dictyophyllaria: Garay 1986: net + leaf + see *are*:- like; having, etc. Listed as monotypic ex São Paulo state, Brazil, eg. *Dictyophyllaria dietschiana*.

Dictyopleione: net + see *Pleione*. = *Pleione* section.

dictyostegoides: net + cover (covered?); roof, etc.+ resembling. cf. *Eulophia dictyostegoides*. syn. *Eulophia milnei*.

dictyota: net + having, or like. cf. *Lepanthes dictyota*.

dicupha: as *dicuphum*. cf. *Callista dicupha*. syn. *Dendrobium affine*.

dicuphum: two + ref. *kyphos*: bent; humped. Listed as refs. to the spur, similar to *Dendrobium bigibbum* to which they are closely related. cf. *Dendrobium dicuphum*. syn. *D. affine*. Pers.coll., very common near Darwin, NT., Aust. + Of interest, see albino.

didactyla: two + digit; finger. cf. *Lepanthes didactyla*.

Didactyle: Lindley 1852: two + digits; fingers. Probably refs. to the stelids (see *stelidia*), or could be for paleae (?). syn. *Bulbophyllum* Thouars.

Didactylus: (Luer) Luer 2004: as *Didactyle*. syn. *Pleurothallis* R.Br.

Didiciea: King & Prain 1896. Listed for orig.coll., D.D.Cunningham FRS. The initials of his name, were cleverly used as an acronym for the genus: *D(i)D(i)C(i)* + belonging to). ex nthn. India, eg. *Didiciea cunninghamii*.

Didothion: Raf.1838: *di-*: two + ref. *dothien*: abscess. Ref. two small white calli at rear of lip likened to small sores, or abscesses. syn. *Thrixspermum* Lour.

didyma: ref. *didymos*: twin; double. Can also mean: testicle (of interest, see *didymacantha*). cf. *Lepanthes didyma*.

didymacantha: haven't read on this one. Could be *didy*-+ *mac*-+ *antha*: twin + large + flower(s). But for this Dr.Seidenfaden would surely have used *didymacrantha*. It's likely to ref. to *didymos* + *akantha*: two (double; twin, etc.) + thorn(s); prickly(s). Without being facetious, this species is a terrestrial and *didymos* can also mean: testes; testicle and if it has spiky, prickly (*akantha*) tuberoles, then *didymacantha* is certainly appropriate. cf. *Cheirostylis didymacantha* Seidenf.1978.

Didymoplexiella: Garay 1954, see *Didymoplexis* +-ella: dimin. ex Borneo, eg.

Didymoplexiella borneensis.

Didymoplexiopsis: Seidenf.1997: *Didymoplexis* + appearance. Listed as monotypic ex Peninsula Thai. eg. *Didymoplexiopsis khiriwongensis*.

Didymoplexis: Griff.1844: ref. *didymos*: double; twin + plaited; twining. Refs. to the median sepal + the petals joined to about half their length. Of interest, it's noted most of the flowers of this genus are sessile (: stalkless) or sub-sessile and yet after fertilization undergo an amazing transformation, in that the pedicellate ovary and rachis elongates to produce a capsule of some 4-5" (100-125mms.) in length! The term for this, see accrescent. Also noted, this genus is holomycotrophic (: entirely dependant on a fungus). ex Java, eg. *Didymoplexis cornuta*.

didymotropis: twin; double + ref. *tropis*; *tropideion*: keel. Ref. the twin keels of the lip. cf.

Bulbophyllum didymotropis.

didymous: twinned; paired; double. Producing, or growing in pairs.

diegenea: two + kinds; types + of. Probably because it's a cross. cf. *Orchis* x *digenea* Tourlet.

dielsiana: as *dielsianum*. cf. *Amblyanthe dielsiana* (Schltr.) Rauschert 1983. syn. *Dendrobium dielsianum*.

dielsianum: belonging to Diels. Listed for orig.coll., phytologist, Friedrich Ludwig Emil Diels (1874-1945). Noted as collecting in the Asia-Pacific region (in New Guinea c1919), in Europe and in Sth America. ex New Guinea, cf. *Dendrobium dielsianum* Schltr.1923.

dielsii: see *dielsianum*. ex Ecuador, cf. *Andinia dielsii* (Mansf.) Luer 2000.

diemenica: Lat'd. contraction for place name: belonging to Van Diemen's Land:

Tasmania, Aust. cf. *Coryanthes diemenica* Lindley 1840. syn. *Corybas diemenicus*.

diemenicus: as *diemenica*. cf. *Corybas diemenicus* (Lindley) Rupp 1928. Noted as endemic to s.east Aust.

dienema: see *dienemus*. cf. *Caladenia dienema*. Noted as endemic to Tas., Aust.

dienemum: see *dienemus*. cf. *Nematoceras dienemum*. syn. *Corybas dienemus*.

dienemus: see *di-*+ ref. *enema*: syringe (like, a tube), etc. cf. *Corybas dienemus*. Has the distinction of being from the most southern, known, habitat of orchids. Lives on Macquarie Island (Aust. territory), c1450kms.(660 miles), s.east of Tasmania.

Dienia: Lindley 1824: ref. *dienos*: two years (+ of). Noted, it was once thought to only flower every two years. syn. *Malaxis* Sol.ex Sw.

Dieregynae: Lindley 1824: listed as *diairetos*: divided + *gyne*: woman. Noted as refs. to the ovary. syn. *Spiranthes*.

difforme: from + shape.+ Ref. *difformis*: differently formed; unlike; irregular. cf. *Epidendrum difforme*.

difformis: as *difforme*. cf. *Ornithochilus difformis*.

diffusa: see diffuse, for its pendulous, much branching habit. cf. *Glossorhyncha diffusa*. Noted as endemic to Papua, Indon.

diffuse: ex *diffundere*: to spread. + Ref. *diffusus*: spread (out); dispersed; spreading widely, eg. diffuse veins, diffuse panicle inflorescence.

diffusiflora: see diffuse + flowers. cf. *Pleurothallis diffusiflora*. syn. *P. seriata*.

diffusum: see diffuse. cf. *Epidendrum diffusum*.

diffusus: diffuse. cf. *Eurycaulis diffusus*. syn. *Dendrobium diffusum*.

difformis: see *di-*+ form; shape. By the “correct name”, appears to be an error for *difformis*. cf. *Trichoglottis difformis*. syn. *Ornithochilus difformis*.

digbyana: listed for noted grower, Edward St.Vincent Digby (+ belonging to) of Dorsetshire, Eng., first to flower it. ex Mexico, etc., cf. *Rhyncholaelia digbyana* (Lindley) Schltr.1918.

digenea: see *di-*+ ref. *genea*: stock; family; race. As this is a cross, it could mean: of two kinds (?). cf. *Serapias* x *digenea* E.G.Camus 1892. syn. *S. x intermedia* (: in between).

digitale: digit + see *-ale*: relative to, etc. cf. *Pleurothallis digitale*.

digitata: see digitate. cf. *Drymoda digitata*.

digitate: ref. *digitus*: digit; finger, or toe + suffix: having; like, etc. For any organ, or part likened to a digit.

digitatum: see digitate. cf. *Bulbophyllum digitatum*. syn. *Drymoda digitata*.

Diglyphis: Blume 1828: see *di-*+ ref. *glyphis*: knife, or similar tool used for carving. Ref. the bifid anther. syn. *Diglyphosa* Blume

Diglyphosa: Blume 1825. See *Diglyphis* + see *-osa*. ex the Himalayas, Malesia to New Guinea, eg. *Diglyphosa latifolia*.

Diglyphys: Spach 1846. See *Diglyphis*. syn. *Diglyphosa* Blume

Dignathe: Lindley 1849: see *di-*+ ref. *gnathos*: jaw. Ref. lip to column, noted as alluding to open jaws. syn. *Leochilus* Knowles & Westc.

dignathe: as last entry. ex Mexico, cf. *Leochilus dignathe*.

digoelense: for place name (+ from), listed as ex Dutch New Guinea (: Papua, Indon.). Refs. to a river, Digoel-Kian (*Sungai Digul*), near the PNG. border. cf. *Bulbophyllum digoelense* J.J.Sm.1911.

Digomphotis: Raf.1837: *di*:- two + *gomphos*: peg; nail + ref. *otos*: ear. Ref. the two elongated lobes. Of interest, Mr.Raf. also called this *Mesicera*. syn. *Habenaria*.
diguettii:. listed for orig.coll., M.L.Diguett (+ of). ex Mexico, cf. *Epidendrum diguettii* Ames 1923. syn. *Encyclia tripunctata*.
digulana: belonging to Sungai Digul, a river of Papua, Indon., + see *digoelense*. cf. *Phreatia digulana* Schltr.1913. syn. *P. phreatioides*.
dijanceana: listed for orig.coll., M.Digance (+ belonging to), a French mercenary for Sander's nursery of St.Albans, Eng. ex Minas Gerais state, Brazil, cf. *Cattleya dijanceana* Rolfe 1902. syn. *C. porphyroglossa*.
Dikylikostigma: Kraenzl.1919: see *di*-+ *kyliko*-, ref. *kylix*: (like) a small cup + see stigma. syn. *Discyphus* Schltr.
dilatata: ref. *dilatus*: widened; expanded; spread + much; most. Ref. the fully expanded flowers. cf. *Caladenia dilatata*. Noted as endemic to eastn. Aust.
dilatatiformis: see *dilatata* + form; shape. Ref. expanded base of lip. cf. *Habenaria dilatatiformis*. syn. *Platanthera dilatata* var. *albiflora*.
dilatatocolle: much, or more widened + ref. *collum*: neck. Should be for the column-foot (?). cf. *Diplocaulobium dilatatocolle*.
dilatatoides: widened; much, or more spread + resembling. May have been compared to *Platanthera convallariifolia* (a synonym). cf. *Platanthera convallariifolia* var. *dilatatoides*. syn. *P. x media* (Rydb.) Luer 1975.
dilatatum: as *dilatata*. cf. *Thrixspermum dilatatum*. syn. *Sarcochilus dilatatus*. Noted as endemic to eastn. Aust.
dilatatus: as *dilatata*. cf. *Eriochilus dilatatus*. Noted as endemic to West.Aust.
dilation: as in Eng.: a widening, or expansion of the organ, or part being discussed.
dilecta: ref. *dilectus*: precious; beloved. Or, could ref. to *di*-+ ref. *lectus*: bed (: has two depressions, ref. to the clinandrium?), cf. *Dressleria dilecta*.
dilectum: as *dilecta*. cf. *Catasetum dilectum*. syn. *Dressleria dilecta*.
dilectus: as *dilecta*. cf. *Lissochilus dilectus*. syn. *Eulophia cucullata*.
dilemma: same as in English: difficulty of choice; a quandary, etc. cf. *Pleurothallis dilemma*.
x Dillonara: auct., see *dilloniana*. On the syn. list, it's noted as a result of *Epidendrum x Laelia x Schomburgkia*.
dilloniana: belonging to Dillon. For phytologist, authority and talented prolific bot. artist, Gordon Winston Dillon. I had the honour and pleasure of meeting him once, when he made a brief stop-over in PM.PNG. and I hardly dared to breathe whilst he was speaking, in case I missed something! A very knowledgeable man, I have noted many of his wonderful, top-class line drawings. ex Florida to the Caribbean, cf. *Vanilla dilloniana* Correll 1946.
dillonianum: as *dilloniana*. ex New Guinea, cf. *Dendrobium dillonianum* A.D.Hawkes & A.H.Heller 1957.
dillonii: see *dilloniana*. ex Peru, cf. *Maxillaria dillonii* D.E.Benn.& Christenson 1998.
dillwynii: listed for botanist and author, Lewis Weston Dillwyn (1778-1855). ex the Philipp., cf. *Eria dillwynii* Hook.1845. syn. *Eria bractescens*.

Dilochia: Lindl.1830: see *di-* + *loch*ia, ref. *locheia*: of birth. ex Thai., Malesia to New Guinea, eg. *Dilochia wallichii* Lindl.

dilochioides: see *Dilochia* + resembling. cf. *Epidendrum dilochioides*.

Dilochiopsis: (Hook.f.) Brieger 1981: see *Dilochia* + appearance. syn. *Eria* Lindl.

Dilochiopsis: *Dilochia* + *-opsis*: appearance.= *Eria* section.

Dilochopsis: (Hook.f.) Brieger 1981. See *Dilochiopsis*. syn. *Eria* Lindl.

Dilochus: Miq.1859, see *Dilochia*. syn. *Dilochia* Lindl.

Dilomilis: Raf.1838: *di-*: two + ref. *loma*: fringe + suffix: property; the feature (an easy one of his, for a change!). Has two fringes on the lip. ex the Greater Antilles (Caribbean region), eg. *Dilomilis montana*.

diluta: see *dilutus*. cf. *Eria diluta*.

dilutum: see *dilutus*. cf. *Trichosma dilutum*. syn. *Eria diluta*.

dilutus: descwd., with colours: weak; thin.+ Can be: mixed; pale; diluted; slight; faint.

diluvialis: listed as the one word: of a flood. cf. *Spiranthes diluvialis*.

Dimerandra: Schltr.1922: two + parts + male. Has two lobes at the anther (: male reproduction area, apex of column). ex Colombia, eg. *Dimerandra buenaventurae*.

dimidia: ref. *dimidius*: half; *dimidiatus*: halved. cf. *Caladenia dimidia*. Noted as endemic to West.Aust.

dimidium: as *dimidia*. cf. *Calonema dimidium*. syn. *Caladenia dimidia*.

diminuta: see *di-* + small; minute. cf. *Pleurothallis diminuta*.

dimorpha: ref. *dimorphis*: two + form; shape. cf. *Caladenia dimorpha*. Noted as endemic to NSW. and Vic., Aust.

dimorphic: of, or having two shapes; forms. Good examples, see *Dimorphorchis* and *lowii*.

dimorphophylla: two + shape; form + leaf. cf. *Oberonia dimorphophylla*.

Dimorphorchis: Rolfe 1919: two + shape + orchid. Has flowers of two different shapes on the one raceme, bottom half differs to the top. More see *lowii*. cf. *Dimorphorchis lowii*. Noted as endemic to Borneo.

dimorphotricha: two + shape; form + hair. cf. *Masdevallia dimorphotricha*.

dimorphum: two + (of) shape; form. cf. *Oncidium dimorphum*. syn. *O. trulliferum*.

dinarica: of the Dinaric Alps, s.east Europe. cf. *Epipactis leptochila* ssp.*dinarica* S. Hertel & Reich. syn. *Epipactis leptochila*.

Dinema: Lindley 1826: two + thread. Has two thread-like appendages on the column. ex Mexico to the central Americas and Caribbean region, eg. *Dinema polybulbon*.

dinglensis: for place name: from Dingle a small town, and/or of the Dingle Peninsula, County Kerry, s.west Ireland. cf. *Dactylorhiza* x *dinglensis* (Wilmott) Soó 1962.

Dinklageella: Mansf.1934. Listed for German phytologist, Max Julius Dinklage (1864-1935) + *-ella*: respectful suffix. He collected in west Africa, esp. Liberia and descs. accr. to him are abbr. to: Dinkl. eg. *Dinklageella liberica*.

dinklagei: see *Dinklageella*. ex west trop. Africa, cf. *Habenaria dinklagei* Kraenzl.1914.

dinotheri: ref. *deinos*: terrible + *theros*: wild animal, or *therion*: beast. Haven't any other info. and wonder if it has anything to do with a Deinotherium (aka., **Deinotherium**:). An ancient, extinct, elephant-like mammal, which had a huge

trunk and formidable, curved tusks c5.5m.(18ft.!) long. cf. *Trichosalpinx dinotheri*. syn. *T. arbuscula*.

dinsmorei: listed for phytologist, John Edward Dinsmore [+ of] (1862-1951). Descs. accr. to him are abbr. to: Dinsm. ex west Europe, the Mediterranean to central Asia, cf. *Orchis dinsmorei* (Schltr.) H.Baumann & Dafni 1981. syn. *Anacamptis laxiflora*.

dinteriana: belonging to Dinter. Listed for botanist and author, Moritz Kurt Dinter (1868-1945). ex trop. Africa, cf. *Habenaria dinteriana* Kraenzl.1929. syn. *H. armatissima*.

diodon: two + toothed; teeth. Ref. labellum lateral lobes. cf. *Dendrobium diodon*.

Diodonopsis: Pridgeon & M.W.Chase: two + teeth + appearance. syn. *Masdevallia*.

dioecious: unisexual. Having male and female flowers on separate plants. + See monoecious.

dionaeoides: ex myth., ref. Dione: mother of the goddess, Venus. Dionae is also another name for Venus. Because of the suffix, *-oides*: resembling, the specep. is probably for some superficial likeness to the genus *Dionae*, or commonly: Venus's flytrap, of the family: *Droseraceae*. ex New Guinea, cf. *Dendrobium dionaeoides* J.J.Sm.1915.

dioscoreirrhiza: ref. *Dioscorea* a genus of the yam family (*Dioscoreaceae*) + root (they have a large corm-like tuberoid). I always thought yams were sweet potatoes, wrong again! ex Taiwan, cf. *Gastrodia dioscoreirrhiza*. syn. *Gastrodia gracilis*.

Dioscorides: an entry for cross-reference (see *Satyrium*). Ref. Pedanius Dioscorides AD.40-c90. Born in Cicily, was a physician, pharmacologist, natural historian and serious investigator of natural medicines. A prolific author, his major work, *De materia medica*, of 5 volumes was completed cAD.77.

diosmoides: ref. *Diosmeae** + resembling. Or, could be, lit.: two (or, double) + smell + resembling (as if having two perfumes, or doubly perfumed?). **Diosmeae* is a genus of shrubs of the rue family (: *Rutaceae* + see rutaceous). cf. *Glomera diosmoides*.

diota: two + ears. Ref. labellum lateral lobes, and/or the column also has two "ears". cf. *Encyclia diota*.

diothonaeoides: see *Diothonea* + resembling. cf. *Epidendrum diothonaeoides*.

Diothonea: Lindley 1834: two + ref. *othone*: sail; good quality cloth. Noted as alluding to the membranes from column to lip. syn. *Epidendrum* L.

diotum: as *diota*. cf. *Epidendrum diotum*. syn. *Encyclia diota*.

Dipera: Spreng.1826: two + purse; pouch. Ref. lateral sepals. eg. *Dipera capensis*. syn. *Disperis capensis*.

dipera: two + purse; pouch. cf. *Zeuxine dipera*.

Diperis: Wight 1852, see *Dipera*, *Disperis*. syn. *Disperis* Sw.

Diphyes: Blume 1825: lit., of double nature. Listed as having two growth habits. eg. *Diphyes mutabilis* syn. *Bulbophyllum mutabile*.

diphyes: of double nature. cf. *Phyllorkis diphyes*. syn. *Bulbophyllum capitatum*.

Diphylax: Hook.f.1889: two; double + guard. Has two thin spur-like projections on the column. ex India, etc., eg. *Diphylax griffithii* (Hook.f.) Kraenzl.

diphylla: two + leaf. cf. *Chiloglottis diphylla*. syn. *C. reflexa*. Noted as endemic to Aust.

Diphyllae: (those) with two leaves.= *Habenaria* section.

diphyllus: two + leafed. Noted that this species usually only has one leaf (*monophyllos*). cf.

Malaxis monophyllos var. *diphyllus*.

diphyllum: two + leaf. cf. *Mediocalcar diphyllum*. syn. *M. bifolium* (: two + leaf).

dipl-, *diplo-*: used in compwds., ref. *diploos*: double. + Can be: twofold; twice; two.

Diplacorchis: Schltr.1921. Because this is a synonym, there wasn't any info. I made it hard trying to determine *Diplac-+orchis*. But possibly, ref. *di-+ plac-* ref. *plax*: (something) wide; or, it's a contraction of *di-+ placitus*: pleasing (?) + orchid. By the specep. of the example (see *disoides*), I favour the latter explanation. eg. *Diplacorchis disoides*. syn. *Brachycorythis disoides*.

Diplandrorchis: S.C.Chen 1979: see *dipl-+ man*; male + see *-orchis*. syn. *Neottia* Guett.

Diplanthera: Raf.1833: see *dipl-+ see anther*. syn. *Platanthera* Rich.

diplantherum: see *dipl-+ anther*. cf. *Chiloglottis diplantherum*.

Diplectraden: Raf.1837: two + spur, or point + gland. Ref. the labellum lobes (+ see *Mesicera*, *Digomphotis*). syn. *Habenaria* Willd.

Diplectrum: Pers.1807: two + spur. Ref. the median sepal. syn. *Satyrium* Sw.

dipleura: see *di-+ see pleur-*: side; rib, etc. cf. *Habenaria dipleura*. syn. *H. novemfida*.

Diplocaulobium: (Rchb.f.) Kraenzl.1910: see *dipl-+ ref. caulis*: stem; stalk + suffix: characteristic of. Listed as ref. the stipites of the pollinia. See sketch and notes, the closest species that I've read about, to this one, is *Diplocaulobium glabrum**, but there were quite a few differences. *ex New Guinea to Qld., Aust.

Diplocaulobium species.



This *Diplocaulobium* species. could be a close relative to *Diplocaulobium glabrum* (?).

It was growing on a miserable stunted gum-tree on the edge of the cliff, of Hombrom's Bluff PM.PNG., was fully exposed to all the elements and covered the branches in large clumps. The pseudobulbs were crowded closely together and each averaged c25 x 25mms.(unlike *D. glabrum* which has relatively well spaced pseudobulbs that are ovoid-cylindrical). Very glossy, wrinkled, yellowy-khaki coloured, with a single, strong, fleshy leaf: which av. c50mm.(2") long x 25mm.(1") wide, leathery and olive green.

Sadly only a "one day wonder", but never seemed to stop flowering. The flowers are a crisp white with a golden yellow throat, are firm and fully expanded and they av. c50mms. (2") across. I have never found any other *Diplocaulobium* species with flowers as large as this.

Diplocentrum: Lindl.1832: see *dipl*+ *centrum*: spur. ex sthn. India, eg. *Diplocentrum congestum* Wight.

diploceras: see *dipl*+ horn. cf. *Malaxis diploceras*.

Diplocheilus: double + lip.= *Lepanthes* section. syn. *Lepanthes* subgenus *Lepanthes* section *Lepanthes*.

Diplochilus: Lindley 1832: see *dipl*-+ lip. syn. *Diplomeris* D.Don (: two + parts).

Diploconchium: Schauer 1843: double + ref. *konchos*: a (mussel) shell + dimin. Ref. the lip, likened to an opened bi-valve shell. syn. *Agrostophyllum* Blume.

Diplodiscus: Turcz., see *dipl*-+ see disc. eg. *Diplodiscus paniculatus*.

Diplodium: Sw.1810: double + suffix: characteristic of. Listed as ref. the lateral sepals joined to about halfway, so it's about twice as wide (double) as the rest of the floral segments. syn. *Pterostylis* R.Br.

Diplogastra: Welw.ex Rchb.f.1865: see *dipl*-+ *gastra*: belly; stomach. Ref. the lip. syn. *Platylepis* A.Rich.

diploglossa: see *dipl*-+ tongue. cf. *Pleurothallis diploglossa*. syn. *P. bicruris*.

diploid: technical term: having twice the number of chromosomes, characteristic of germ cells of the species (: having two sets of chromosomes).

Diplolabellum: F.Maek.1935: see *dipl*-+ labellum. Listed as ex Japan, syn. *Oreorchis*.

Diplomeridinae: see *Diplomeris* + suffix denotes it's a subtribe.

Diplomeris: D.Don 1825: two + parts. Has two small appendages on the column. ex Nepal, etc., eg. *Diplomeris pulchella*.

diploncos: see *dipl*-+ see *onci*-: pad, etc. cf. *Bulbophyllum diploncos*.

diplonema: see *dipl*-+ threads. cf. *Habenaria diplonema*.

x *Diplonopsis*: auct. On the syn. list, cf. ***Diploprora* x *Phalaenopsis***.

Diploprora: Hook.f.1890: see *dipl*-+ *prora*: prow (front of a boat). Ref. the lip. ex nthn. India to Thailand, eg. *Diploprora truncata*.

diplorhyncha: see *dipl*-+ beak; snout, etc. cf. *Cynorkis fastigiata* var. *diplorhyncha*.

Diplorrhiza: Ehrh.1789: see *dipl*-+ *rhiza*: roots. syn. *Dactylorhiza* Neck.ex Nevski

Diplostypus: ref. *diploos*: double + *typus*: type; kind. Ref. the pollinia, has two groups of four with a common viscidium.= *Phreatia* section.

diploxiphia: see *dipl*-+ ref. *xiphos*: sword + of, or *xiphion*: small sword. cf. *Calanthe diploxiphia*. syn. *Calanthe triplicata*.

diploxiphion: see *dipl*-+ *xiphion*: small sword. cf. *Alismorchis diploxiphion* syn. *Calanthe triplicata*.

dipodiiformis: *Dipodium* + of + form; shape. cf. *Eulophia dipodiiformis* (syn.).

Dipodium: R.Br.1810, *di*-: two + *-podium*: small foot. By the description, ref. the paired stipites of the pollinia. eg. *Dipodium punctatum**. It seemed impossible to duplicate its habitat, in PM.PNG. a colleague told me he even took out his front-end loader (a tractor with a large excavating bucket), dug some up, complete with a cubic metre of the soil and still it died (eventually). I've since learned, as a holo-saprophyte, it's totally reliant on a fungus for survival. I was intrigued to note an authoritative modern ref. source lists it as endemic to Aust. The incident I relate occurred c1968 and the man involved was a learned orchidist and qualified show judge of Aust. species and he was emphatic it was *Dipodium punctatum**. The plants were located a short distance behind Jackson's Aerodrome (Port Moresby airport), near Sapphire Creek. **D. punctatum* is now noted as synonymous to *Dipodium squamatum*.

Diptera, dipterous: of, or belonging to the order of insects, *Diptera*. Listed as known as “true flies”, the order has c85,000 species! eg. mosquitoes, house flies, fruit flies, etc.

diptera: two + wings. May be alluding to an insect, see *Diptera*. cf. *Ponthieva diptera*.

Dipteranthus: Barb.Rodr.1882: see *Diptera* + flower, or two + wing + flower. Listed as an allusion to a flower likened to an insect. eg. *Dipteranthus linearisepalus* Senghas 1994, monotypic in Brazil + see next entry, where all the rest of this genus are noted as synonymous to *Zygostates* Lindl.

Dipteranthus: Barb.Rodr.1882. See last entry. syn. *Zygostates* Lindl.

Dipterostele: Schltr.1921: two + wing + pillar (column). ex Ecuador, eg. *Dipterostele microglossa* Schltr.

dipterum: two + wings. cf. *Cyrtochilum dipterum*.

dipteryx: two + wings. cf. *Calanthe dipteryx*.

dipus: see *di-* + foot; footed. cf. *Epidendrum dipus*.

diramphis: see *di-* + ref. *ramphos*: hook; curved beak. cf. *Trichosalpinx diramphis*.

dirigens: ref. *dirigere*: to arrange; put in line. Separate; sorted; arranged. cf. *Stelis dirigens*.

dis-: used in combwds.: asunder; apart; separate; away from; divided. Has a similar usage to *di-*, + can be a negative: not; without; lacking, etc., eg. *dissimilis*: not + (the) same.

Disa: P.J.Bergius 1767. Brilliant African terrestrials. Could be ref. *dis*: rich, so *Disa*: of riches; wealth (?). Also, it's possibly, ref. Gk.myth., *Dis* (+ *a*: of): another word for Zeus, king of the “gods” (so, it's a “king”?). ex Sth.Africa, eg. *Disa barbata*.

disaeformis: ref. *Disa* + shape; form. cf. *Disperis disaeformis*.

Disaeinae; *Disa* + suffix denotes it's a subtribe.

disc: ref. *diskos*: quoit; a platter; (like) a plate; (something) round and flat. Often refs. to the central, basal part of the labellum (the disc). Also, can ref. to the disc of the pollinarium (see viscidium, retinacle). For other organs, or parts likened to a disc, see discoid.

discerptum: torn apart; dispersed. cf. *Dendrobium discerptum*.

dischidiifolium: ref. *disidium*: separation; divorce + leaf. cf. *Bulbophyllum dischidiifolium*.

dischorensis: for place name: from the Dischore Range, Morobe District, PNG. cf. *Bulbophyllum dischorensis* Schltr.1913.

dischorensis: as *dischorensis*. cf. *Cadetia dischorensis* Schltr.1912. syn. *C. chionantha*.

discifera: see disc + bearing. cf. *Disperis discifera*.

disciferum: see disc + bearing. cf. *Oncidium disciferum*.

disciflora: see disc + flower. cf. *Trias disciflora*.

disciflorum: as *disciflora*. cf. *Bulbophyllum disciflorum*. syn. *Trias disciflora*.

discigera: see disc + bearing. cf. *Oreorchis discigera*.

discilabium: see disc + lip. cf. *Bulbophyllum discilabium*.

discobulbon: see disc + bulb. cf. *Oncidium discobulbon*.

discocaulon: see disc + ref. *caulis*: stem; stalk. cf. *Bulbophyllum discocaulon*.

discoid: see disc + resembling; disc-like. Any organ, or part can be likened to a disc, when it is more or less round and flat.

discoideale: see *discoidalis*. cf. *Epidendrum discoideale*.

discoidalis: I had a long and involved explanation for this until I learned its bot. meaning, as a descwd.: having a large spot, or blotch of colour at the centre of another colour. eg. The lip is yellow with a central brown blotch = *discoidalis*.

discoidea: ref. *discoideus*.+ See disc, discoid. cf. *Caladenia discoidea*. Noted as endemic to West.Aust.

discoides: see discoid. cf. *Dendrobium discoides*.

discoideum: as *discoideus*. cf. *Calonema discoideum*. syn. *Caladenia discoidea*.

discoideus: seen in descriptions: disc-like. See, disc, discoid.

discolabris: see disc, discoid + lip. cf. *Vrydagzynea discolabris*. syn. *V. novaguineensis*.

discolor: my refs. say it's one word, ref. *discolor* and can mean: variegated, but mostly: of different colour. I was always confused as many refs. say: of uniform colour (?). cf. *Dendrobium discolor* Lindley 1841. Usually the flowers are described as a drab yellowy-brown and in PM.PNG., they are very common and variable. One was nick-named "Moresby Gold", predominantly a lovely golden yellowy-brown. I tied a young plant to the trunk of an open stunted gum-tree in my yard and it never got any care (TLC.), except some extra water from the lawn sprinkler. Well ... it was just another *Den. discolor* (ho hum!). Eventually it was a huge specimen, surrounding the tree with about 13 stems, c3-6ft.+ (: 1-2m) high, each with about 6-7 racemes of approx. 30 flowers. That's getting close to 3,000 flowers in one hit, an incredible sight and they last for weeks. A "much more learned colleague" emphatically assured me that a *Dendrobium* does **not** grow on a Eucalypt (oh yeah? nobody had told this to my *Den. discolor*!). We made a date, firstly to my home to inspect my specimen, then out we went, about 15 minutes drive, to where there were many hundreds of them growing on anything that would stand still long enough, including just about every gum-tree! I wonder why I was called "a big-headed B...!"? In those days, I really enjoyed confounding the "experts".

discophylla: see disc + leaf. cf. *Pleurothallis discophylla*.

discrepans: I made this hard by thinking, disc + *repans*, but it's listed as one word, lit.: disagreeing; differing; discrepant. cf. *Dendrobium discrepans*. syn. *D. puniceum*.

discreptum: ex *discrepare*: to jar; differ; disagree. cf. *Bulbophyllum discreptum*.

discrete: ref. *discretus*: separated. Distinct from other parts; a component piece of a system. eg. In a discussion, the viscidium was described as a discrete structure.

Discyphus: Schltr.1919: see *dis*-+ ref. *kyphos*: bent; humped. eg. *Discyphus scopulariae*. Listed as monotypic, Panama to Brazil.

Diseae: see *Disa* + suffix denotes it's a tribe.

Disella: *Disa* + small.= *Disa* section.

diselloides: *Disa* + small + resembling. Or: like small riches (?). cf. *Habenaria diselloides*.

disema: see *di*-+ *sema*: mark; sign, etc. cf. *Ponthieva disema*.

disepala: see *di*-+ sepals. cf. *Liparis disepala*.

Disepalae: two + sepals.= *Stelis* section. syn. *Stelis* section *Humboldtia*.

disiformis: see *Disa* + shape; form, or could be rich + of shape; form (?). cf. *Polystachya disiformis*.

Disinae: *Disa* + suffix denotes it's a subtribe.

disjecta: ref. *disiectus*: strewing; scattering. cf. *Ophrys* x *disjecta* Murr. syn. *O.* x *pseudobertolonii*.

disjuncta: see *disjunct*. cf. *Lepanthes disjuncta*.

disjunct: ref. *disiunctus*: separate; distant; disconnected. eg. In a discussion of distribution: "... with a *disjunct* population."

disjunctibulbum: separate; distinct + bulb. Ref. the long spacing between the pseudobulbs. cf. *Bulbophyllum disjunctibulbum*. syn. *B. cylindrobulbum*.

disjunctum: ref. *disiunctus*: distant; separate, etc. + see *disjunct*. Ref. the long spacing between the pseudobulbs. cf. *Bulbophyllum disjunctum*.

Diskypogyne: Szlach.& R.González 1996: ref. *dis*-+ *kypho(s)* +*-gyne*: two + hump + woman. Has two small humps (lumps) at the stigma. syn. *Brachystele* Schltr.

disoides: riches + resembling. Or: *Disa* + resembling (?). cf. *Brachycorythis disoides*.

dispar: unlike; unequal; different. cf. *Masdevallia dispar*.

disparate: see *dispar* + (Eng.) suffix: (being) unequal; unlike; different, etc.

disparilis: see *dispar* + see *-ilis*: of, etc. + See *disparate*. cf. *Habenaria disparilis*.

Disperidinae: *Disperis* + suffix denotes it's a subtribe.

disperidoides: *Disperis* + resembling. cf. *Cynorkis disperidoides*.

Disperis: Sw.1800: see *dis*-+ purse; pouch. Ref. the lateral sepals. ex Sth.Africa, eg. *Disperis capensis* (L.) Sw.1800.

dispersum: scattered. cf. *Bulbophyllum dispersum*. syn. *B. kaniense*.

dispersus: scattered. cf. *Lissochilus dispersus*. syn. *Eulophia speciosa*.

displosa: haven't read of this one, ref. *displosum*: lit., bursting with a loud noise, or see *dis*-+ ref. *plosus*: strike; clap (?). cf. *Pleurothallis displosa* Luer 1999.

disposita: ref. *dispositus*: orderly (as: neat; tidy, etc.). cf. *Diuris disposita*. Noted as endemic to NSW., Aust.

dissect: as in Eng.: to divide, or cut into small pieces. eg. Labellum is dissected by lobes. + Ref. dissection: a very important function in taxonomy, phytology.

dissectus: lit., cut up. cf. *Cryptopus dissectus*.

dissemination: seen a lot in discussions, esp. of distribution. Lit.: the sowing; scattering, or broadcasting of seed. The focal area(s) from where there is the most known number of species of a genus. eg. Most authors say the consensus of scientific opinion is that the area of dissemination for the genus *Bulbophyllum*, is the New Guinea region.

dissepiment: seen in discussions of other flora: a partition; dividing piece, etc. Mostly, for us, the term used is: septum (see "S").

dissimile: ref. *dissimilis*: unlike; different, etc. cf. *Eulophidium dissimile*. syn. *Oeceoclades lonchophylla*.

dissimilis: as *dissimile*. cf. *Eulophia dissimilis*. syn. *Oeceoclades lonchophylla*.

dissimulata: see *dis*-+ *simulatus*: copied, imitated, but also see *dis*-+ *simulatum* loosely trans.: not a probability. Perhaps the author had doubts of it being a *Habenaria*. cf. *Habenaria dissimulata*. syn. *Benthamia spiralis*.

dissiti:- used in combwds., ref. *dissitus*: distant; remote; apart; separate, etc.

dissitiflora: see *dissiti*-+ flowers. cf. *Oberonia dissitiflora*.

dissitiflorum: as *dissitiflora*. cf. *Bulbophyllum dissitiflorum*.

dissitifolia: as *dissitifolium*. cf. *Distichorchis dissitifolia*. syn. *Dendrobium dissitifolium*.

dissitifolium: see *dissiti*-+ leaf. The leaves are widely spaced on the stem. cf. *Dendrobium dissitifolium*.

dissolutum: listed as the one word: loose; lax; a weakness; disintegration; breaking up; dissolved. cf. *Bulbophyllum dissolutum*.

Dissorhynchium: Schauers 1843: ref. *dissos*: two; double + ref. *rhynchion*: small beak, etc. Ref. the labellum lobes, see expl. for *Habenaria*. syn. *Habenaria* Willd.

distachya: as *distachyon*. cf. *Callista distachya*. syn. *Dendrobium distachyon*.

distachyon: see *di*-+ ref. *stachys*: spike (+ see *stachy*-).cf. *Dendrobium distachyon*.

distal: ref. *distantia*: remoteness. Towards the free end of an organ, or part as distinct from the attached end. Opposite to proximal.

distans: often seen in descriptions: standing apart; not close; remote; distant, eg. in a Latin description: “.., *flora distans*.” + See next entry.

distans: see *distans*. Ref. the well-spaced pseudobulbs. cf. *Bulbophyllum distans*. syn. *B. devium*. + See *devium*.

distantiflora: ref. *distantia*: remoteness, (+ see *distans*) + flowers. cf. *Encyclia distantiflora*.

distantiflorum: as *distantiflora*. cf. *Dipterostele distantiflorum*.

distefanii: is also listed as *di-stefani* and unless it was published this way, then it shouldn't be hyphenated. One major ref. says it's for botanist, Concetto Distefano and descs. accr. to him are abbr. to: Distef. ex the Mediterranean region, cf. *Ophrys distefanii* Lojac.1909 (or, *Ophrys di-stefani*?). syn. *O. tenthredinifera*.

distelidia: two + see *stelidia*: column wings, or horns. cf. *Panisea distelidia*.

disticha: see *distichous*. cf. *Appendicula disticha*.

Distichae: see *distichous*. = *Stelis* section. syn. *Stelis* section *Stelis*.

distichifolia: see *distichous* + leaves. cf. *Glomera distichifolia*.

Distichis: Thouars ex Lindley 1847: in two rows. Ref. bracts in two opposing rows. syn. *Liparis* Rich.

distichobulbum: in two rows + bulbs. cf. *Bulbophyllum distichobulbum*.

Disticholiparis: Marg.& Szlach.2004: in two rows + *Liparis*. syn. *Liparis* Rich.

Distichon: see *distichous*. = *Liparis* section.

Distichophyllum: see *distichous* + leaf (leaves). = *Dendrobium* section.

distichophyllum: two + rows + leaf (+ see *distichous*). cf. *Angraecum distichophyllum*. syn. *A. striatum*.

Distichorchis: M.A.Clem.& D.L.Jones 2002: as *distichous* + see *orchis*. syn. *Dendrobium*.

distichous: ref. *distichos*, *distichus*: of, or in two rows. Organs, or parts regularly arranged in two directly opposite rows.

distichum: see *distichous*. Ref. flowers of the raceme. cf. *Bulbophyllum distichum*.

distichus: see distichous. cf. *Podochilus distichus*.

disticus: as *distichus*, see distichous. cf. *Conchochilus disticus*. syn. *Appendicula pendula*.

distincta: ref. *distinctus*: separate; distinct; different. cf. *Aerangis distincta*.

Distinctae: (those) separate; distinct.= *Stelis* section. syn. *Stelis* section *Stelis*.

distoma: see *di-*+ *stoma*: mouth; opening. cf. *Ophrys distoma*. syn. *Ophrys bombyliflora*.

Distomaea: Spenn.1825: see *di-*+ mouths; openings. syn. *Listera* R.Br.

distribution: have only touched this subject, as there are excellent books available. Many species are fascinating in their range, eg. whilst reading Dr. Summerhayes' absorbing book "Wild Orchids of Britain", one had me shaking my head, cf. *Spiranthes romanzoffiana*. Imagine the confusion in trying to find the "correct name" for this one. Identified from several counties in Ireland, to nth. America, from Newfoundland, Labrador and as far south as New York, across the USA., to California, then northwards to British Columbia and the Aleutian Islands. Talk about the "Irish Rovers"! I was most impressed with this book, put it on your reading list.

Distylodon: Summerh.1966: *di-*+ *styl-*+ *odon*: see *di-*+ pillar; column + tooth, or teeth. Or, could be: *dis-*+ *tyl-*+ *odon*: see *dis-*+ see *tyle*: lump; callus; knot, etc.+ tooth. More likely the former, for two small projections on the column. Listed as monotypic ex Uganda, Africa, cf. *Distylodon comptum*.

Diteilis: Raf.1833. Another of his (abbreviated) puzzlers, the nearest I can get is, see *di-*: two + see *tyle*: knob; lump; callus; wart, or ref. *thele*: nipple + suffix: property (: having). Could ref. to the labellum, which does have two small projections. syn. *Liparis* Rich.

dithele: see *di-*+ *thele*: nipple, cf. *Trichosalpinx dithele*. syn. *T. semilunata*.

Dithyridanthus: Garay 1982: see *di-*: two; double, etc.+ ref. *thyridos*: small window + flower. syn. *Deiregyne* Schltr.

ditricha: see *di-*+ ref. *trichos*: hair. cf. *Habenaria ditricha*.

ditschiense: for place name (+ from), only listed as ex Papua, Indon. cf. *Diplocaulobium ditschiense* (J.J.Sm.) P.F.Hunt & Summerh.1961.

Dituilis: Raf.1838: same as *Diteilis*. syn. *Liparis* Rich.

Ditulima: Raf.1838. Another he heavily abbreviates, Perhaps, it's: see *di-*+ see *tyle*: knob; lump, etc.+ *-ima* (ex *-issima*: an emphasis), and/or ref. *lima*: a file; rasp (?). syn. *Dendrobium* Sw.

diura: two + tail(s). Ref. labellum apex. cf. *Oberonia diura*.

Diureae: *Diuris* + suffix denotes it's a tribe.

Diuridinae: *Diuris* + suffix denotes it's a subtribe.

Diuris: J.E.Sm.1798: two + tail(s). Ref. lateral sepals likened to tails. eg. *Diuris aurea* (listed as the type). Noted as endemic to eastn. Aust.

diuris: two + tail. cf. *Pterichis diuris*. syn. *P. galeata*.

Diurium: two small tails. Ref. apex of lip.= *Oberonia* section.

diurna; ref. *diurnis*: of a day; by day; for a day. cf. *Prosthechea diurna*.

diurnal: descwd., ref. *diurnus* + suffix: of, or belonging to the day. Opposite to nocturnal.

diurnum: as *diurna*. cf. *Epidendrum diurnum*. syn. *Prosthechea diurna*.
diuturna: ref. *diuturnus*: for a long time; long-lasting. cf. *Maxillaria diuturna*.
divaricans: spreading, etc. see *divaricate*. cf. *Pleurothallis divaricans*.
divaricata: see *divaricate*. cf. *Habenaria divaricata*. Noted as endemic to Dunk Island, nth. Qld., Aust.
divaricate: divided widely into branches; forked; spread apart; divergent; branched; spreading.
divaricatum: see *divaricate*. cf. *Cyrtochilum divaricatum*.
divergens: see *divergent*. cf. *Eulophia divergens*.
divergent: branching into different directions; going different ways; spreading; branching.
diversi-: used in compwds., ref. *diverse*: variously; differently.+ Ref. *diversus*: in different directions; various; different; apart, etc.
diversiflorum: see *diversi-*+ flower(s). cf. *Prasophyllum diversiflorum*. Listed as endemic to Vic., Aust. Noted a happy circumstance for this one. For over 40yrs. it was considered extinct, as its only known habitat was destroyed by clearing for agricultural use. Reported as rediscovered near Portland, s.west Vic., 1984.
diversifolia: see *diversi-*+ leaf. cf. *Masdevallia diversifolia*. syn. *M. parvula*.
diversifolius; see *diversi-*+ leaf. cf. *Cyclopogon diversifolius*. syn. *C. apricus*.
dives: rich; very wealthy. cf. *Galeandra dives*.
divexa: see *di-*+ *vexa*, listed as ref. *vehere*: to carry; convey (: carrying two, or double?). cf. *Pleurothallis divexa*. syn. *P. aristata*.
divina: ref. *divinus*: divine; godly; heavenly, etc. cf. *Cheirostylis divina*.
diviti-: used in combwds.. Some sources say, ref. *divitiae*: wealth; abundance; riches. Other refs. say: finely divided (?). Sometimes both can seem to be right.
divitiflora: see *diviti-*+ flower. cf. *Rhinerrhiza divitiflora*. Monotypic and endemic to Aust.
divitiflorum: as *divitiflora*. cf. *Thrixspermum divitiflorum*. syn. *Rhinerrhiza divitiflora*.
divitiflorus: as *divitiflora*. cf. *Sarcochilus divitiflorus*. syn. *Rhinerrhiza divitiflora*.
dixantha: as *dixanthum*. cf. *Callista dixantha*. syn. *Dendrobium dixanthum*.
dixanthum: made this hard by saying: *dix* + *anthum*, of course, it's: *di-*+ *xanthum*: two + yellow. Noted the flower has two distinct shades of yellow. cf. *Dendrobium dixanthum*.
dixonii: listed for J.E.Dixon (the orig.colls. are noted as C.French & J.E.Dixon), ex Vic., Aust. cf. *Prasophyllum dixonii* F.Muell.1892. syn. *Genoplesium pumilum*.
dizygoceras: see *di-*+ see *zygo-*+ horn. ex Africa, cf. *Satyrium dizygoceras*. syn. *S. volkensis* Schltr.1897.
djampangense: from Djampang-koelon (: Jampang-kulon), a minor city of Jawa-Barat, s.west Java, Indon. cf. *Taeniophyllum djampangense* J.J.Sm.1913.
djampangensis: as *djampangense*. cf. *Peristylis djampangensis* J.J.Sm.1913.
djamuense: for place name: from the Djamu River area, Kani Range, PNG. cf. *Bulbophyllum djamuense* Schltr.1913.
djamuensis: see *djamuense* (but, is listed as ex Djamu Gorge area). cf. *Appendicula djamuensis* Schltr.1912.

djararatense: as *djaratensis*. cf. *Agrostophyllum djararatense* Schltr.1911.

djaratensis: for place name (+ from), only listed as ex Sumatra, Indon. cf. *Eria djaratensis* Schltr.1911.

djongkongensis: from the region of Djongkong (aka. Jongkong) Daerah Tingkat I Kalimantan Barat (: west), Borneo. cf. *Oberonia djongkongensis* J.J.Sm.1927.

djumaense: as *djumaensis*. cf. *Bulbophyllum djumaense* (De Wild.) De Wild.1921. syn. *B. maximum*.

djumaensis: for place name (+ from), listed as ex Congo, Africa. Noted two places, ref. Djuma of Équateur and Djuma of Bandundu, Congo (DRC.). cf. *Megaclinium djumaensis* DeWild.1903. syn. *Bulbophyllum maximum*.

Dockrillia: Brieger 1981: see *dockrillii*. This genus converted most of the succulent-leaved *Dendrobium* species into becoming synonyms. eg. *Den. teretifolium* syn. *Dockrillia teretifolia*. However in a recent publication, I note they have all been transferred back and *Dockrillia* is now syn. to *Dendrobium* Sw.

dockrillii: cf. *Arthrochilus dockrillii* Lavarack 1975. Listed for Alick William Dockrill [+ of] (b1915), famous Aust. phytologist, author and collector. An authority on orchids of Aust. and PNG. His magnificent "Australian Indigenous Orchids" was one of my first text-books, as an invaluable aid to many PNG. species. I had the honour and pleasure of meeting him a few times, in PM.PNG., in the late '60s and found him very approachable and most generous with his knowledge. He came to my home and gave me names for many of my plants, which I hastily scribbled down (mostly phonetically), I didn't want to interrupt, as he sure knows what he is talking about.

x *Dockrilobium*: J.M.H.Shaw. Noted, the name was taken from *Dockrillia* x *Dendrobium*. syn. *Dendrobium* Sw.

doctersii: listed for orig.coll., W.M.Docters van Leeuwen, author, collector and botanist. More, see *vanleeuwenii*. ex Java, cf. *Taeniophyllum doctersii* J.J.Sm.1921.

dodekanensis: from the Dodecanese islands, eastn. Greece (near Turkey). cf. *Ophrys dodekanensis* H.Kretzschmar & Kreutz 2001.

dodgsoniana: belonging to Dodgson. Listed for noted grower, R.B.Dodgson (Eng.). ex Indo-China, cf. *Thunia dodgsoniana* (Dean) B.S.Williams 1894. syn. *T. pulchra*.

dodgsonii: as *dodgsoniana*. cf. *Phaius dodgsonii* Dean 1878. syn. *Thunia pulchra*.

dodiana: belonging to Dod, see *dodii*. ex Puerto Rico, cf. *Lepanthes dodiana* Stimson 1970.

dodianum: as *dodiana*, see *dodii*. ex the Dominican Republic, cf. *Cyrtorchilum dodianum* (Ackerman & Chiron) Ackerman 2001.

dodii: of Dod. For botanist and author, Donald D.Dod (b1912). ex the Dominican Republic, cf. *Epidendrum dodii* L.Sánchez & Hágsater 2001.

dodonica: belonging to Dodona: the site of a famous ancient oracle of Epirus, westn. central Greece. cf. *Ophrys* x *dodonica* B.& E.Willing.

Dodsonia: Ackerman 1979: see *dodsonii*. ex Ecuador, eg. *Dodsonia falcata*.

dodsoniana: belonging to Dodson, see *dodsonii*. ex sthn. Mexico, cf. *Clowesia dodsoniana* E.Aguirre 1986.

dodsonianum: as *dodsoniana*, see *dodsonii*. ex Mexico, cf. *Catasetum dodsonianum* (E.Aguirre) P.F.Hunt 1998. syn. *Clowesia dodsoniana*.

dodsonii: of Calaway H.Dodson (b1928), a famous American phytologist and author. ex Bolivia, cf. *Ornithocephalus dodsonii* R.Vásquez & T.Krömer 2001.

doellii: for botanist and author, Johann(es ?) Christoph (Christian?) Döll, or Doell (1808-1885). On the syn. list, cf. *Orchis doellii* W.Zimm.

doerfleri: listed for phytologist and author, Ignaz Doerfler [or, Dörfler] (1866-1950). ex Greece, cf. *Ophrys doerfleri* Fleischm.1925. syn. *O. sphegodes* ssp.*parnassica*.

doeringii: listed for orig.coll., Ricardo Doering (+ of). ex Paraná state, Brazil. cf. *Encyclia doeringii* Hoehne 1946.

dolabella: small axe (usually as head only). Ref. the lip (shape). cf. *Liparis dolabella*. syn. *L. stricklandiana*.

dolabrata: ref. *dolabra*: axe (head, only) + suffix: like; having. cf. *Oberonia dolabrata*.

dolabratum: as *dolabrata*. cf. *Oncidium cucullatum* var.*dolabratum*. syn. *Caucaea nubigena*.

dolabratus: as *dolabrata*. cf. *Ornithocephalus dolabratus*.

Dolabrifolia: axe + leaf.= *Angraecum* section.

dolabriform: ref. *dolabra*: axe + form; shape. Usually as the head only. Refs. to any organ, or part alluded to the shape.

dolabriforme: as *dolabriform*. cf. *Bulbophyllum dolabriforme*.

dolabriformis: as *dolabriform*. cf. *Angraecopsis dolabriformis*.

dolabrilobum: see *dolabriform* + lobe. cf. *Epidendrum dolabrilobum*. syn. *E. blepharistes*.

dolabripetala: axe + petals, or see -petalo-: broad, etc.(?). cf. *Goodyera dolabripetala*.

doliare: ref. *dolium*: a large wine cask, or jar + like, etc. Ref. the labellum. cf. *Cypripedium* x *doliare* Rchb.f.

dolicho-: used in compwds., ref. *dolichos*: long.

dolichoblepharon: long eyelashes. Refs. to the fimbriate margins of the tepals. cf. *Bulbophyllum dolichoblepharon*.

dolichobrachia: long arms (+ see brachiate). cf. *Platyclinis dolichobrachia*. syn. *Dendrochilum dolichobrachium*.

dolichobrachium: long armed (+ see brachiate). cf. *Dendrochilum dolichobrachium*.

dolichobulbon: long + bulb. cf. *Bulbophyllum dolichobulbon*.

dolichocarpa: long + fruit (capsule). cf. *Eria dolichocarpa*. syn. *E. fitzalanii*.

dolichocaulon: long + ref. *caulis*: stem; stalk. cf. *Peristylus dolichocaulon*.

dolichocaulis: long + stem; stalk. cf. *Oberonia dolichocaulis*.

dolichocaulos: long + stem; stalk. cf. *Exochanthus dolichocaulos*. syn. *Dendrobium dolichocaulon*.

dolichocentrum: long + spur. cf. *Dendrobium dolichocentrum*.

Dolichocentrum: (Schltr.) Brieger 1981: long + spur. syn. *Dendrobium* Sw.

Dolichocentrum: long + spur.= *Dendrobium* section.

dolichoceras: long + horn. cf. *Habenaria dolichoceras*. syn. *Habenaria sartor*.

dolichochila: long + lip. cf. *Pterostylis dolichochila*. Noted as endemic to sthn. Aust.

Dolichodesme: long + bundle.= *Agrostophyllum* section. Ref. the inflo. being “long” (or could be ramose), as opp. to others which have a relatively short capitulum (: “head” of flowers).

dolichoglottis: long + tongue. cf. *Bulbophyllum dolichoglottis*.

dolichophylla: long + leaf. cf. *Oberonia dolichophylla*.

dolichophyllum: long + leaf. cf. *Dendrobium dolichophyllum*. syn. *D. teretifolium* var.*aureum*. Noted as endemic to eastn. Aust.

dolichopoda: long + foot. cf. *Calanthe dolichopoda*. syn. *Cephalantheropsis longipes* (which means the same: long + foot).

dolichopus: long + foot; footed. cf. *Pleurothallis dolichopus*. syn. *P. sclerophylla*.

dolichorhiza: long + root(s). cf. *Microcoelia dolichorhiza*.

dolichorhizum: long + roots. cf. *Angraecum dolichorhizum*. syn. *Microcoelia dolichorhiza*.

dolichorrhiza: long + roots. cf. *Platanthera dolichorrhiza*. syn. *P. hyperborea* var.*viridiflora*.

dolichostachya: long + spike. cf. *Erythroides dolichostachya*.

Dolichostachyae: (with) long + spikes.= *Platanthera* section.

dolichostachys: long + spike. cf. *Liparis dolichostachys*.

dolichostachyum: long + spike. cf. *Epidendrum dolichostachyum*. syn. *E. laucheanum*.

dollii: of Döll, see *doellii*. ex the Philipp., cf. *Paphiopedilum dollii* Lückel 1987.

doloma: deceit; wile; trick. cf. *Lepanthes doloma*. syn. *L. intonsa*.

dolomitensis: from the Dolomites, or Dolomite Alps, nthn. Italy. Trivia: some of the mtns. are mostly composed of dolomite (dolomitic limestone). More info., read up on petrology (study of rocks). cf. *Gymnadenia dolomitensis* Teppner & E.Klein 1998.

dolosa: ref. *dolosus*: crafty; deceitful. Seemed a strange choice for the specp., but my idea is that, possibly, as a dwarf species, not much was expected of it. The flowers were deceitful by being large and very beautiful! ex Brazil, listed as a natcross of *Cattleya loddigesii* x *C. walkeriana*. cf. *Cattleya* x *dolosa* Rchb.f.1874.

dolosum: as *dolosa*. cf. *Epidendrum* x *dolosum* Rchb.f.1874. syn. *Cattleya* x *dolosa*.

dolychophyllum: *dolycho-* is listed to be for *dolicho-*: long + *-phyllum*: leaf. cf. *Agrostophyllum dolychophyllum*.

dombeyi: of Dombey. For botanist, naturalist and author, Joseph Dombey (1742-1796). ex Peru, cf. *Trichoceros dombeyi* D.E.Benn.& Christenson 2001.

domestica: as *domesticum*. cf. *Vanilla domestica*. syn. *V. mexicana*.

domesticum: ref. *domesticus*: to do with a house; household. cf. *Epidendrum domesticum*. syn. *Vanilla mexicana*. Mill.1768.

domeykoanus: belonging to Domeyko, a town of Región de Atacama, Chile. cf. *Odontorrhynchus domeykoanus* Szlach.1996.

x *Domindesmia*: auct. On the syn. list, cf. ***Domingoa*** x ***Hexadesmia***.

domingense: as *domingensis*. cf. *Epidendrum domingense* Cogn. syn. *Psychilis domingensis* (Cogn.) Saulea 1988.

domingensis: from Santo Domingo city, and/or of the Dominican Republic. cf. *Broughtonia domingensis* (Lindley) Rolfe 1889.

Domingoa: Schltr.1913: see *domingensis*. ex the Dominican Republic, eg. *Domingoa nodosa*.

dominianum: of Domin, see *dominii*. ex Great Britain and France, cf. *Dactyloglossum dominianum* (E.G.Camus) Soó 1966. syn. *Dactylorhiza x conigerum*.

dominii: of Domin. For botanist and author, Karel Domin (1882-1953). On the syn. list, cf. *Anoectochilus x dominii* Burb.

x *Domliopsis*: auct. On the syn. list, cf. *Domingoa x Laeliopsis*.

donacoides: ref. *donax*: cane; reed + resembling. Ref. the stem. cf. *Dendrobium donacoides*. syn. *D. heteroglossum*.

Donacopsis: Gagnep.1932: ref. *donax*: cane; reed + appearance. ex Indo-China, eg. *Donacopsis laotica* (of Laos). syn. *Eulophia pauciflora*.

dondodii: for **Donald D.Dod** (+ of), more see *dodii*. ex the Dominican Republic, cf. *Lepanthes dondodii* Luer 2003.

dongrergoensis: for place name (+ from), only listed as ex Pakistan to sthn. central China. cf. *Neottia dongrergoensis* Schltr.1924. syn. *N. listeroides*.

donianum: for George Don [+ of] (1798-1856), Scots born phytologist, author and collector. He was employed by the Chelsea Physic Garden and then for 6yrs. collected widely in Brazil and neighbouring regions. cf. *Oncidium donianum* Bateman ex W.Baxter 1850.

donii: listed for phytologist and author, David Don (1799-1841). Was Prof. of Botany at Kings College, Cambridge, Eng. ex the Himalayas to Siberia, cf. *Chusua donii* Nevski 1935. syn. *Ponerorchis chusua*.

donnaiense: for place name (+ from), only listed as ex sthn. Vietnam. cf. *Dendrobium donnaiense* Gagnep.1950. syn. *Eria donnaiensis*.

donnaiensis: as *donnaiense*. cf. *Eria donnaiensis* (Gagnep.) Seidenf.1992.

donorensis: for place name (+ from), only listed as ex Sardinia. cf. *Ophrys x minuticauda nothosubsp.donorensis* Gulli & M.P.Grasso 1997.

doormanii: listed for Lieutenant L.A.C.M.Doorman, who was with the Dutch military, 3rd Mamberamo Expedition (1914) to Papua, Indon. cf. *Cadetia doormanii* (J.J.Sm.) Schuit.1994.

x *Dorandopsis*: auct. On the syn. list, without further info. cf. *Doritis x Vandopsis*.

doratophyllum: ref. *doratos*: shaft; spear + leaf. cf. *Angraecum doratophyllum*.

dorbignyana: belonging to D'Orbigny. Refs. to orig.coll., Alcide Dessalines D'Orbigny, or Alcide Charles Victor Dessalines d'Orbigny (1802-1857), a French natural historian, geologist, palaeontologist and author who travelled widely in the trop. Americas (1826-'34). He collected and recorded species, of both flora and fauna (noted as c7,000 animals and c2,300 plants!), many previously unknown to science. He returned to Paris and recorded his expedition in "*Voyage pittoresque dans le deux Amériques*" (: [A] Picturesque journey in the two Americas). Later (1855), was appointed a professor at the University of Paris. A brilliant scientist, I haven't noted any of his life, famous accomplishments in palaeontology and geology and his many associated literary works as this entry would have to be a book on its own (and if done right, a book I'd want to read). ex Bolivia, etc., cf. *Sobralia dorbignyana* Rchb.f.1873.

- x *Doreenhuntara*: auct.: obviously for a lady named Doreen Hunt (+ of, or belonging to, but haven't any other info.). Noted as a result of *Bollea* x *Cochleanthes* x *Kefersteinia* x *Pescatoria*.
- x *Doricentrum*: auct. On the syn. list. cf. *Ascocentrum* x *Doritis*.
- x *Doridium*: Garay & H.R.Sweet. On the syn. list, cf. *Doritis* x *Kingidium*.
- x *Doriella*: auct. On the syn. list, cf. *Doritis* x *Kingiella*.
- x *Doriellaopsis*: auct. On the syn. list, cf. *Doritis* x *Kingiella* x *Phalaenopsis*.
- x *Dorifinetia*: auct. On the syn. list, cf. *Doritis* x *Neofinetia*.
- x *Doriglossum*: auct. On the syn. list, cf. *Ascoglossum* x *Doritis*.
- x *Doriopsisium*: Garay & H.R.Sweet. On the syn. list, cf. *Doritis* x *Kingidium* x *Phalaenopsis*.
- doris*: again, is for "beauty". Ref. Gk. myth., Doris: a daughter of the Titan, Oceanus (see *titan*) and wife of Nereus (see *galatea*), who had fifty daughters (all very beautiful, of course, known as the Nereids). cf. *Cypripedium* x *doris* Rolfe. On the syn. list and noted as syn. to *Paphiopedilum* and possibly ex Borneo.
- x *Dorisia*: auct. On the syn. list, cf. *Doritis* x *Luisia*.
- x *Doristylis*: auct. On the syn. list, cf. *Doritis* x *Rhynchosstylis*.
- x *Doritaenopsis*: Guillaumin. On the syn. list, cf. *Doritis* x *Phalaenopsis*.
- Doritis*: Lindley 1833: ref. Gk.myth.: another name for Aphrodite (Roman: Venus), goddess of Love & Beauty. Another of Prof. Lindley's fanciful names, which can infer: beautiful; lovely; desirable, etc. syn. *Phalaenopsis* Blume.
- doritoides*: see *Doritis* + resembling. cf. *Vanda doritoides*. syn. *Ornithochilus difformis*.
- dormancy: ref. *dormire*: to sleep. A resting period; quiescent time for plants, usually governed by the season. eg. At "dry season", dormant until the rains start.+ Of course, for many species, a winter dormancy period.
- dormaniana*: belonging to Dorman. Listed for noted grower, Charles Dorman of Sydenham, Eng., first to flower it. ex Colombia, cf. *Pescatoria dormaniana* Rchb.f.1881.
- dormanianum*: as *dormaniana*. ex Venezuela, cf. *Odontoglossum crocidipterum* ssp.*dormanianum* (Rchb.f.) Bockemühl 1989.
- dorotheae*: listed for given name of orig.coll., Ms.Dorothy O'Flaherty. ex Mexico, cf. *Barkeria dorotheae* Halb.1976. Trivium: the etym. of Dorothy, is ex Gk.: "gift of God".
- dorowatiensis*: for place name (+ from), listed as from near Mt.Kinabalu, Borneo. cf. *Corybas pictus* var. *dorowatiensis*. Took this from a book, but there isn't any official listing.
- dorrienii*: listed for orig.coll., phytologist Arthur Algernon Dorrien-Smith (1876-1955). Descs. accr. to him are abbr. to: Dorr.Sm. cf. *Caladenia dorrienii* Domin 1912. Noted as endemic to West.Aust.
- dorsal: ref. *dorsum*: the back; *dorsalis*: of, or relative to the back. The outer surface; of, on, or near the back of an organ, or part.
- dorsal sepal: the central sepal of the calyx (:the outer floral segments), as distinct from the lateral sepals. Mostly called the **median sepal**, to avoid confusion when the

flowers are non-resupinate (+ see reverse). Sometimes noted as: mid sepal; odd sepal (not very often).

dorsalis: see dorsal. cf. *Lepanthes dorsalis*.

dorsocarinatum: see dorsal + see carinate. Ref. keels on the back of the sepals and petals. cf. *Epidendrum dorsocarinatum*.

x *Dorthera*: auct. On the syn. list, cf. ***Doritis*** x *Renanthera*.

Dorycheile: Rchb.1841: ref. *dory*: spear + lip. syn. *Cephalanthera* Rich.

doryphoroide: spear + bearing + resembling. By the description, probably refs. to a leaf which is noted as oblanceolate (see "O"). cf. *Bulbophyllum doryphoroide*.

dosbocasense: from Dos Bocas, Panama (noted four villages of this name). cf. *Epidendrum dosbocasense* Hágsater 1992.

dossenum: ref. *dossenus*: jester; fool; clown. cf. *Prasophyllum dossenum*. Noted as endemic to NSW., Aust.

Dossinia: C.Morren 1848. Listed for M.E.P.Dossin [+ of] (1777-1852), a Belgian botanist. eg. *Dossinia marmorata*. Noted as monotypic ex Borneo.

x *Dossisia*: Garay & H.R.Sweet. On the syn. list, cf. ***Dossinia*** x *Ludisia*.

dotae: for place name (+ of), only listed as ex Costa Rica. Noted, San Marcos de Dota, a town of San José province (?). cf. *Lepanthes dotae* Endres ex Luer 1995.

Dothilis: Raf.1837: ref. *dothion*: abscess +-ilis: property; the feature.(+ Ref. *ile*: a crowd; mob?). Ref. the many wart-like projections on the lip. syn. *Spiranthes* Rich.

Dothilophis (+ have noted it as, *Dothiolophis*?): Raf.1838: ref. *dothion*: abscess + *lophos*: crest. syn. *Barkeria* Knowles & Westc.

doutchiae: listed for orig.coll., Ms.Leila Beatrice Douth (+ belonging to). cf. *Caladenia doutchiae* O.H.Sarg.1921. Noted as endemic to West.Aust.

doweryensis: for place name (+ from), only listed as ex Sabah, Borneo. cf. *Phalaenopsis doweryensis* Garay & Christenson 2001.

dowiana: belonging to Dow. For Captain J.Dow, of the American Packet Service (a shipping line). Listed as acknowledged for his generous assistance to botanists, naturalists and scientists in bringing home their collections. ex Costa Rica to Colombia, cf. *Cattleya dowiana* Bateman & Rchb.f.1866.

downii: listed for Dorothy G.Downie, phytologist and author. ex India to Indo-China, cf. *Liparis downii* Ridl.1908.

doxa, -*doxum*, -*doxus*: used in compwds.. Ref. *doxa*: glory; splendour; of good repute.

Doxosma: Raf.1838 (a good one from Mr.Raf. that is easy for a change). Ref. *doxa*: glory + *osme*: smell; perfume. syn. *Epidendrum* L. (refs. to *E. nocturnum*?).

doyonensis: for place name (+ from), only listed as ex central China. cf. *Orchis doyonensis* Hand.-Mazz.1936 (syn.).

dracaenifolia: ref. *dracaena*, lit.: she-dragon + leaf. More likely, was alluded to the trop. genus *Dracaena* (family, *Agavaceae*). Favoured, for its sword-shaped leaves, as an indoor pot-plant. + Of interest, see *hostifolia*. cf. *Habenaria dracaenifolia*.

draco: dragon. cf. *Micropora draco*.

dracoceps: dragon + small head. cf. *Odontoglossum dracoceps*.

dracomontana: ref. *drakon*: dragon + *montana*: of, or belonging to a mountain (or, in this case: mountains). An excellent (Lat'd.) indication of where it was first found. Listed as ex the Drakensberg (: dragon mountain) Mtns., South Africa, cf. *Disa dracomontana* Schelpe ex H.P.Linder 1981.

dracomontanum: mountain dragon, or Dragon Mtn. + belonging to (+ see *dracomontana*). This one is listed to be from Sapitwa Peak (aka. Mt.Mulanje), s.east Malawi, Africa. cf. *Corycium dracomontanum* Parkman & Schelpe 1982.

Dracomonticola: H.P.Linder & Kurzweil 1995: see *dracomontana* + different suffix: resident; dweller. syn. *Neobolusia* Schltr.

Draconanthes: (Luer) Luer c1996: dragon + flower. ex Ecuador, eg. *Draconanthes bufonis*.

Draconanthes: dragon + flower.= *Lepanthes* subgenus.

draconis: ref. *drakon*: dragon. cf. *Dendrobium draconis*.

dracontea: ref. *draconteus*: of, or to do with a dragon. cf. *Pleurothallis dracontea*.

Dracontia: (Luer) Luer 2004: of a dragon. syn. *Pleurothallis* R.Br.

dracula: lit., a little dragon. ex Brazil, cf. *Pleurothallis dracula* Seehawer 1999.

Dracula: Luer 1978: lit., a little dragon. Have seen a few fanciful explanations for this, but noted the author, Dr.C.A.Luer says it's alluding to a flower and has nothing to do with the infamous character created by the novelist, Bram Stoker. ex Colombia, eg. *Dracula bella* (Rchb.f.) Luer 1978.

draculoides: ref. *Dracula* + resembling. Noted, it's not as the genus *Dracula*, but a fanciful allusion to the labellum likened to a bat: a vampire bat, hence: *Dracula*. cf. *Liparis draculoides*. + See next entry.

draculoides: like a small dragon, or ref. *Dracula* + resembling (?). ex Brazil, cf. *Stigmatosema draculoides* Szlach.1996.

dracunculus: listed as the dimin. of *dracaena*: a small she-dragon. cf. *Bulbophyllum dracunculus*.

x *Dracuvallia*: Luer. On the syn. list, cf. ***Dracula* x *Masdevallia***.

Drakaea: Lindley 1840. Listed for Miss S.Drake (+ of), a talented bot. artist, named for her in recognition of all the work she did for Prof.Lindley. eg. *Drakaea elastica*. Noted as endemic to West.Aust.

Drakaeinae: *Drakaea* + suffix denotes it's a subtribe.

Drakea: Endl.1841, see *Drakaea*. syn. *Drakaea*.

drakeana: listed for botanist and author, Emmanuel Drake del Castillo (1855-1904). ex Fiji, etc., cf. *Eria drakeana* Kraenzl.1929. syn. *E. rostriflora*.

drakeanum: as *drakeana*. ex Fiji, Vanuatu, etc., cf. *Agrostophyllum drakeanum* Kraenzl. 1903. syn. *Earina valida*.

drake-castilloi: see *drakeana*. Listed as ex Norfolk Island, cf. *Dendrobium drake-castilloi* Kraenzl.1928. syn. *D. macropus*.

Drakonorchis: (Hopper & A.P.Br.) D.L.Jones & M.A.Clem.2001: dragon + orchid. syn. *Caladenia* R.Br.

drallei: listed for orig.coll., botanist A.Dralle (+ of). ex westn. central Africa. cf. *Bulbophyllum drallei* Rchb.f.1885. syn. *Genyorchis pumilum*.

dransfieldii: listed for orig.coll., phytologist and author, John Dransfield (b1945). Descs. accr. to him are abbr. to: Dransf. ex Sabah, Borneo, cf. *Bulbophyllum dransfieldii* J.J.Verm.1991.

drepanopetala: ref. *drepane*, *drepanon*: sickle + petals. cf. *Habenaria drepanopetala*.

drepanophylla: sickle + leaf. cf. *Oberonia drepanophylla*. Pers.coll., quite common ex PM.PNG.

drepanopterum: sickle + wing. cf. *Oncidium drepanopterum*.

drepanosepalum: sickle + sepal. cf. *Bulbophyllum drepanosepalum*.

x *Dresslerara*: auct.: of, or belonging to Dressler, see *Dressleriella*. On the syn. list and noted as a result of *Ascoglossum* x *Phalaenopsis* x *Renanthera*.

Dresslerella: Luer 1976: see *Dressleriella*. ex Panama, eg. *Dresslerella pertusa*.

dressleri: of Dressler, see *Dressleriella*. ex Mexico, cf. *Epidendrum dressleri* Hágsater 1987.

Dressleria: Dodson 1975: info. see *Dressleriella*. ex Ecuador, eg. *Dressleria fragrans*.

dressleriana: Dressler + belonging to, see *Dressleriella*. ex Mexico, cf. *Ponera dressleriana* Soto Arenas 1990.

Dressleriella: Brieger 1977. Listed for phytologist, author and authoritative orchidologist, Robert Louis Dressler (b1927) + respectful suffix., of the Smithsonian Tropical Research Institute, Panama. syn. *Jacquiniella* Schltr.

dromedarina: by the spelling, it's obviously to do with the one-humped dromedary camel + see *-ina*: like, etc. ex Ecuador, cf. *Stelis dromedarina* Luer & Hirtz 2002.

dromadum: ref. *dromados*: running; fleet; swift. cf. *Sauroglossum dromadum*.

droseroides: ref. *droseros* + *-oides*: dew + resembling. cf. *Lepanthes droseroides*.

drosoides: ref. *drosos* + *-oides*: dew-like. cf. *Trichosalpinx drosoides*.

drosophila: ref. *drosos*: dew + see *-phila*: loves. Or, perhaps some part(s) resemble a fruit-fly (?), as *Drosophila* is also a genus of these pests (aka.: ferment flies). This is probably coincidental and the former is correct. cf. *Stelis drosophila*. syn. *S. intermedia*.

drucei: listed for botanist and author George Claridge Druce (1850-1932). ex Great Britain and France, cf. *Dactylorhiza x drucei* (A.Camus) ined.

druceoides: see *drucei* + resembling. Obviously likened to another sp. named for Mr.Druce. ex France, etc., cf. *Dactylorhiza majalis* var.*druceoides* Balayer. syn. *D. majalis*.

drudei: listed for botanist, Carl Georg Oscar Drude (1852-1933). ex Europe to China, cf. *Dactylorhiza incarnata* var. *drudei*.

drumana: listed as Lat'd. spelling for place name: belonging to Drôme department (admin.division), s.east France, cf. *Ophrys drumana* Delforge 1988.

drummondii: listed for orig.coll., phytologist James Lawson Drummond [+ of] (1784-1863). Curator of the Cork Bot. Garden, sthn. Ireland. Became Curator of the Perth Bot. Gardens and was an authority on the flora of West.Aust. Descs. accr. to him are abbr. to: J.L.Drumm. cf. *Diuris drummondii* Lindley 1840. Noted as endemic to West.Aust.

drupaceous: see drupe + suffix: drupe-like. Like; having, or producing drupes (not orchids).

drupe: orig. ref. *drupa*, lit.: a wrinkled, overripe olive. Adapted to Bot. use: a fruit with a single seed encased in a pit, or stone, covered with a soft, pulpy flesh and enveloped in a thin film, or skin. eg. Stone fruit, as the peach, plum, cherry, etc., are drupes. Orchids do not have drupes, although, noted one goes close, cf. *Rhizanthella gardneri*. Because of its subterranean habit, its fruit are drupaceous and can contain approx. 200 seeds.

druryi: listed for orig.coll., Colonel Drury an Indian army officer. ex Travancore Hills, India c1860, cf. *Paphiopedilum druryi* (Bedd.) Stein 1892.

dryad: did this separate, as there are many refs. to them. ex Gk.myth., ref. *dryas*: a tree nymph; spirit; fairy. Also called hamadryads (ref. *hama*: together + *drus*: tree), they were the spirit of the tree, tending its well-being etc., never leaving and dying when the tree died.

dryada: see dryad. cf. *Masdevallia dryada*.

Dryadella: Luer 1978: see dryad +-ella: a small dryad. ex Brazil, eg. *Dryadella crenulata*.

dryades: see dryad (+ of). cf. *Lepanthes dryades*.

Dryadorchis: Schltr.1913, see dryad + orchid. ex New Guinea, eg. *Dryadorchis barbellata*.

dryadum: see dryad (+ of). cf. *Bulbophyllum dryadum*.

dryas: see dryad. cf. *Bulbophyllum dryas*.

dryis: listed as orig. found in the Atlas Mtns.(+ see *atlantica*) and *Dryis* was a name given by Pliny the elder (see "P"), for this area. cf. *Ophrys dryis* Maire c1931.

Drymoanthus: Nicholls 1943: ref. *drymos*: wood; small forest. + Could also be: wood (as, woody) + flower. eg. *Drymoanthus minutus*. Noted as endemic to nth. Qld., Aust.

drymocharis: wood; small forest + grace; pleasure. cf. *Lepanthes drymocharis*. syn. *L. ophioglossa*.

Drymoda: Lindley 1838: ref. *drymos*: wood; forest (+ like?). ex New Guinea, eg. *Drymoda digitata*.

drymoglossifolia: wood + tongue + leaf (?). It's possible, it may have been likened to *Drymoglossum* C.Presl, syn. *Pyrrosia* Comm. ex Juss.: a genus of climbing epiphytes (not orchids).cf. *Myrmechis drymoglossifolia*.

drymoglossum: wood + tongue. cf. *Bulbophyllum drymoglossum*.

Dryopaeia: Thouars 1822: may be to express "beauty", or is to do with a poplar tree (?).

Ref. Gk.myth., Dryope: a very beautiful Thessalian princess loved by Apollo and changed into a poplar tree by the hamadryads (: tree spirits, see dryad). syn.

Disperis Sw.

Dryopeia: Thouars, and ***Dryopia*** Thouars: see *Dryopaeia*. Both are noted as syn. to *Disperis*.

Dryopera: Thouars: *Dry-*, see *Dryorchis* +-pera: purse; pouch. syn. *Disperis* Sw.

Dryorchis: Thouars 1809. *Dry-* is a contraction, could be: see dryad; or ref. *drys*: tree; or ref. *drymos*: wood, forest, etc. + orchid. syn.= *Disperis* Sw.

dschischungarensis: saw this and nearly threw in the towel, but with the suffix -ense, it has to be from somewhere. One that Dr.Schlechter listed during his expeditions to German New Guinea (the New Guinea part of PNG., more info., see

schlechterianum). ref. Dschischungari, Waria District. cf. *Bulbophyllum dschischungarense* Schltr.1913.

duartei: listed for botanist, Apparicio Pereira Duarte. ex Brazil, cf. *Pleurothallis duartei* Hoehne 1929.

dubia: ref. *dubius*: doubtful. cf. *Pterostylis dubia*. Noted as endemic to eastn. Aust.

dubium: doubtful. cf. *Bulbophyllum dubium*.

dubius: doubtful. cf. *Isochilus dubius*. syn. *Scaphyglottis livida*.

Duboisia: H.Karst.1847. Listed for famous physicist: of DuBois Reymond. ex Colombia, eg. *Duboisia reymondii*. syn. *Myoxanthus reymondii* (H.Karst.) Luer.

duboisiana: see *Duboisia* (+ belonging to). ex Cuba, cf. *Encyclia duboisiana* (Brongn.ex A.Rich.) Neumann 1846. syn. *Encyclia pyriformis*.

duboisianum: see *duboisiana*. ex Cuba, cf. *Epidendrum duboisianum* Brongn. ex A.Rich.1850. syn. *Encyclia pyriformis*.

Dubois-Reymondia: H.Karst.1848, see *Duboisia*. ex Venezuela to Ecuador, eg. *Dubois-Reymondia palpigera* H.Karst.1848. syn. *Myoxanthus reymondii*.

dubuyssonii: see *buyssoniana*. ex Madagascar, cf. *Angraecum dubuyssonii* God.-Leb.1887. syn. *Aerangis ellisii* var. *ellisii*.

duckeana: belonging to Ducke (orig.coll.), see *Duckeella*. ex Mexico, etc., cf. *Habenaria dückeana* Schltr.1925. syn. *Habenaria trifida*.

Duckeella: Porto & Brade 1940. Listed for phytologist, specialist collector and grower of Amazonian flora, Walter Adolpho Ducke (1876-1959) +-ella: respectful suffix. ex Venezuela to Brazil, eg. *Duckeella alticola*.

duckeii: of Ducke, see *Duckeella*. ex Brazil, cf. *Epidendrum dückeii* Porto & Brade 1940.

dudleyi: listed for phytologist and author, Theodore Robert Dudley (b1936). ex Peru, cf. *Masdevallia dudleyi* Luer 1991.

dufossei: listed as ex Cambodia for orig.coll., M.Dufosse (+ of). cf. *Eulophia dufossei* Guillaumin 1930.

dugandianum: listed for botanist and author, Armando Dugand (1906-1971) + belonging to. ex Colombia, cf. *Epidendrum dugandianum* A.D.Hawkes 1957.

duidensis: from Duida-Marahuaca N.Park, Amazonas state, Venezuela. cf. *Galeandra duidensis* Garay & G.A.Romero 1998.

dujakorum: belonging to the Dayak (people of Borneo). Listed as possibly a misunderstanding, or phonetic attempt for the spelling (of interest, see *Dyakia*). ex Borneo, cf. *Trichotosia dujakorum* Kraenzl.1910. syn. *T. teysmannii*.

dukeana: belonging to Duke. Listed for noted grower, Dr.R.Duke of Lewisham, Eng. ex Brazil, cf. *Cattleya dukeana* Rchb.f.1887.

dukei: listed for phytologist and author, James A.Duke (b1929). ex Panama, cf. *Pleurothallis dukei* Luer 1997.

dulce: ref. *dulcis*: sweet; pleasant. Ref. the perfume. cf. *Dendrobium dulce*.

dulcis: sweet; pleasant. cf. *Phreatia dulcis*.

dulcotensis: for place name (+ from), listed as ex the state of Espirito Santo, Brazil. cf. *Laelia harpophylla* var. *dulcotensis*.

dulitense: listed for place name: from Mt.Dulit, Sarawak, Borneo. cf. *Dendrochilum dulitense* Carr 1935.

dulitensis: as *dulitense*. cf. *Coelogyne dulitensis* Carr 1935.

dulongensis: from Dulong (village), s.east Yunnan Prov., China. cf. *Calanthe dulongensis* H.Li, R.Li & Z.L.Dao 2003.

dumaguuetensis: for place name: from Dumaguete, s.east tip of Negros Island, central Philipp. cf. *Liparis dumaguuetensis* Ames 1915.

dumosus: descwd., ref. *dumus*: a thorn bush + suffix: like, etc. Infrs: thorny; spiky; prickly.

dundasiae: may be for a person's name (+ a fem. suffix: of). Could also ref. to the town of Dundas, near Lake Dundas, s.west West.Aust.(?). cf. *Caladenia dundasiae* Hopper & A.P.Br.2001. Noted as endemic.

dunensis: ref. (English) dune + suffix: from, etc. Ref. its habitat. cf. *Epipactis dunensis*.

Dungsia: Chiron & V.P.Castro: see *dungsii*. syn. *Sophranitis* Lindl.

dungsii: of Dungs. For Brazilian phytologist and authority, F.Dungs. Co-author (with Dr.Pabst, see *Pabstia*), of *Orchidaceae Brasilienses* (of interest, this: The orchid family Those from Brazil). ex Brazil, cf. *Vanda dungsii* Pabst 1975.

dunnii: of Dunn. For botanist and author, Stephen Troyte Dunn (1868-1938). ex Guatemala, cf. *Epidendrum dunnii* A.D.Hawkes 1952. syn. *Oerstedella pansamalae*.

Dunstervillea: Garay 1972. Noted, he named it for his friend and colleague, phytologist Galfrid C.K.Dunsterville (1905-1988). A talented bot. artist, collector and authority on orchids of the tropical Americas. Author of many works, most noted for his and Garay's (see *garayanum*), "Venezuelan Orchids Illustrated", in six volumes which took 17yrs. to complete. Descs. accr. to him are abbr. to: Dunst., or Dunsterv. eg. *Dunstervillea mirabilis*, noted as monotypic, Venezuela to Ecuador.

dunstervillei: see *Dunstervillea*. ex Venezuela, cf. *Masdevallia dunstervillei* Luer 1982.

dunstervilleorum: of, or belonging to Dunsterville, see *Dunstervillea*. ex Venezuela, cf. *Sievekingia dunstervilleorum* Foldats 1968.

duplex: double. Probably as an image of another species. cf. *Anoectochilus duplex*. syn. *A. repens*.

duplicate: ref. *duplicatus*. Being folded in the middle, along the mid-rib, or mid-vein. Mainly applies to leaves, but can be for other organs or parts. eg. In a discussion was "...labellum, duplicate".

duplici-: used in combwds., ref. *duplicis*: double. Can be: doubly; having two; two-fold.

duplicibrachium: see *duplici-* + ref. *brachion*: arm, or see *brachium*: arm-long. cf. *Dendrochilum duplicibrachium*.

dupliciformis: see *duplici-* + form. cf. *Stelis dupliciformis*.

dupliciloba: see *duplici-* + lobe. cf. *Calanthe dupliciloba*. syn. *C. triplicata*.

duplicilobum: see *duplici-* + lobe. cf. *Cleisostoma duplicilobum*.

duplicilobus: as *duplicilobum*. cf. *Sarcanthus duplicilobus*. syn. *Cleisostoma duplicilobum*.

dupliciscutula: see *duplici-* + see *scutula*: small tray, etc. cf. *Catasetum dupliciscutula*.

duplocallosum: double + calloused. Ref. the labellum. cf. *Thrixspermum duplocallosum*.

duquesnei: listed for botanist, naturalist and author, Antoine Nicolas Duchesne (1747-1827). Noted as ex France, cf. *Orchis duquesnei* Nyman 1855. syn. *Anacamptis pyramidalis* (L.) Rich.

duquesnii: as *duquesnei*. cf. *Orchis duquesnii* Nyman 1855. syn. *Anacamptis pyramidalis*.

dura: ref. *durus*: hard (as: tough; firm). cf. *Flickingeria dura*.

Durabaculum: M.A.Clem.& D.L.Jones 2002: hard + stick; rod, etc. syn. *Dendrobium* Sw.
Trivium: way back, when I was a dumb new-chum and used many nick-names, I often ref. to species with woody stems as “hard-cane orchids” (and still use the expression).

durabilis: descwd.: lasting; having the ability to endure.

Durae: see *dura*. Ref. the flowers.= *Masdevallia* subsection.

durandiana: belonging to Durand. Listed for botanist and author, Theophile Alexis Durand (1855-1912). ex Surinam, cf. *Notylia durandiana* Cogn.1904.

durandianus: as *durandiana*. ex Trop. west Africa to Uganda, cf. *Ancistrorhynchus durandianus* (Kraenzl. ex De Wild. & T.Durand) Schltr.1918. syn. *A. clandestinus*.

durandii: listed for A.Durand (orig.coll.?), ex Normandy, France. cf. *Anacamptis durandii* Bréb.1835. syn. *A. pyramidalis*.

durangense: as *durangensis*. cf. *Epidendrum durangense* Hágsater & Holman 1984. syn. *E. vandifolium*.

durangensis: from Durango state, Mexico. cf. *Spiranthes durangensis* Ames & C.Schweinf.1935. syn. *Schiedeella saltensis* Schltr.

durbanensis: for place name: from Durban, east coast city of Natal Prov., Sth. Africa. cf. *Eulophia durbanensis* Rolfe 1917. syn. *E. odontoglossa*.

duriensis: for place name (+ from), only listed as ex Portugal. cf. *Epipactis duriensis* Bernados 2004.

durieui: listed for botanist, Michel Charles Durieu de Maisonneuve (1796?-1878). Listed as ex Spain, Sicily and n.west Africa. + See *atlantica*. cf. *Ophrys fusca* var. *durieui* Rchb.f.1851. syn. *O. atlantica*.

durum: see *dura*. cf. *Dendrobium durum*. syn. *Flickingeria dura*.

duseniana: belonging to Dusén. Listed for botanist and author (orig.coll.?), Per Karl Hjalmar Dusén (1855-1926). ex Brazil, cf. *Gomesa duseniana* Kraenzl.1921.

dusenianum: as *duseniana*. ex Brazil, cf. *Stenorrhynchos dusenianum* Kraenzl.1911. syn. *Sacoila duseniana* (Kraenzl.) Garay 1982.

dusenianus: as *duseniana*. ex Venezuela to Brazil, cf. *Psilochilus dusenianus* Kraenzl. ex Garay & Dunst.1965.

dusenii: of Dusén, see *duseniana*. ex Paraná, Brazil, cf. *Bulbophyllum dusenii* Kraenzl.1911.

duthiei: listed for John Firminger Duthie [+ of] (1845-1922). Author, phytologist, and Superintendent of the Saharanpur Bot. Garden, India. ex the Himalayas, cf. *Peristylus duthiei* (Hook.f.) Deva & H.B.Naithani 1986.

dutrae: could be as *dutrai* (?). Listed as ex Rio Grande do Sul state, Brazil, may also ref. to Vazulmiro Dutra, or Vicente Dutra (minor cities). cf. *Habenaria dutrae* Schltr.1925.

dutraei: see *dutrai*. ex Brazil, cf. *Pseudolaelia dutraei* Ruschi 1949.

dutrai: listed for botanist, João Dutra (1862-1939). ex Brazil, cf. *Encyclia dutrai* Pabst 1955.

duvali: listed for noted grower M.Duval (+ of). of Versailles, France. ex Colombia, cf. *Odontoglossum crispum* var. *duvali*.

duveenii: listed for botanist and author, Dennis Duveen (+ of). ex Minas Gerais state, Brazil, cf. *Encyclia duveenii* Pabst 1976.

duvigneaudiana: for phytologist and author, Paul Auguste Duvigneaud (b1913). Descs. accr. to him are abbr. to: Duvign. On the syn. list, cf. *Ophrys* x *duvigneaudiana* P.& C.Delforge.

dwarikae: of Dwarika (village) near a branch of the Ganges River, Khulna, sthn. Bangladesh. cf. *Peristylus fallax* var. *dwarikae* Deva & H.B.Naithani 1986. syn. *P. fallax*.

dwyeri: listed for botanist and author, John Duncan Dwyer (b1915). ex Panama, cf. *Epidendrum dwyeri* Hágsater 1993.

Dyakia: Christenson 1986: of the Dayak people, ex a Malay word for an indigenous person of the region. eg. *Dyakia hendersoniana*. Noted as monotypic ex Borneo.

dyeriana: belonging to Dyer. For botanist, William Turner Thistleton-Dyer (1843-1928). ex the Himalayas, cf. *Gastrodia dyeriana* King & Pantl.1895. Also noted, *Lycaste dyeriana* Sander ex Rolfe 1898, listed as ex Ecuador, to Peru.

dyerianum: as *dyeriana*. ex India, cf. *Bulbophyllum dyerianum* (King & Pantl.) Seidenf.1974. syn. *B. rolfei* (Kuntze) Seidenf.1979.

dynastes: ruler; king, etc. cf. *Masdevallia dynastes*.

dysodes: *dys-*: bad + suffix: fullness; likeness. From the discussion, it has a foetid, disgusting smell. cf. *Bulbophyllum dysodes*.

dysphane: descwd., *dys-*: bad + ref. *phaneros* (: visible): minute; obscure; hard to see.

e-: a prefix: (a) negative; not; no; lacking; without; out; from, etc.

-e: a dedicative, or commemorative suffix used with a proper noun, many for place names. Mostly, I say: "of", eg. see *elliae*.

-eae: usually added to a genus name and denotes the rank of a tribe. + See rank.

eakroensis: for place name (+ from), only listed as ex Vietnam. cf. *Pelatantheria eakroensis* Haager 1993.

ealaense: from Eala, a town of Équateur, westn. Congo (DRC.), at the junction of the Ruki and Congo rivers, Africa. cf. *Bulbophyllum ealaense* De Wild.1916. syn. *Bulbophyllum scaberulum*.

ealaensis: as *ealaense*. cf. *Cyrtorchis ealaensis* (De Wild.) Schltr.1918. syn. *C. injoloensis*.

Earina: Lindley 1834: ref. *earinos*: the green of new growth; flowering time; springtime. eg. *Earina mucronata*. Noted as endemic to NZ.

earine: see *Earina*, but with this spelling can also be: flowery. cf. *Eria earine*.

earinoides: see *Earina*, *earine* + resembling. cf. *Agrostophyllum earinoides*.

eatonii: of Eaton. Listed for orig.coll., botanist Alvah Augustus Eaton (1865-1908). ex Florida, USA., cf. *Tropidia eatonii* Ames 1904. syn. *Tropidia polystachya*.

eberhardtii: for botanist, bot.artist and authoritative collector, Philippe Albert Eberhardt [+ of] (1874-1942). Descs. accr. to him are abbr. to: Eberh. ex Vietnam, cf. *Bulbophyllum eberhardtii* (Gagnep.) Seidenf.1992.

eboracense: cf. *Dendrobium eboracense* Kraenzl.1894. Listed as ex the Bismarck Archipelago, PNG. and surrounds, but *eboracense* is noted as the correct specep. for: from York, nthn. central England, as the Romans called it: *Eboracum* + see -*ense*: from, etc. For more of the same confusion, see *bictoniense* (among many others), named for where it was flowered in cultivation.

eboracensis: see *eboracense*, with this one listed as being found in the York area of nthn. central England. cf. *Orchis latifolia* var.*eboracensis* Godfery. syn. *Dactylorhiza traunsteineri*.

eborensis: see *eboracensis*, noted, this is considered as an acceptable contraction. cf. *Orchis latifolia* var. *eborensis* Godfery. syn. *Dactylorhiza traunsteinerioides*.

eborinus: listed as a vague colour term: ivory white.

ebrachiatum: *e-*: not + see brachiate: armed. Without arms (as limbs). cf. *Oncidium ebrachiatum*. syn. *Trichocentrum nudum*.

ebracteate: descwd., *e-*: not + see bracteate: bracted. Lacking, or without bracts.

ebracteatum: *ebracteate*. cf. *Cypripedium ebracteatum*. syn. *C. fargesii*.

ebracteolatum: *e-*: without + see bracteolate: without bracteoles. cf. *Bulbophyllum ebracteolatum*.

ebudensis: listed as Lat'd. spelling for place name: from *Ebudae Insulae*: the Hebrides Islands, Scotland. cf. *Dactylorhiza ebudensis* (Wiefelsputz) P.Delforge 1991. syn. *D. majalis* ssp.*occidentalis*.

ebulbe: without bulb. Appears to be without pseudobulbs, as they are very small and could be mistaken for part of the petiole. cf. *Bulbophyllum ebulbe*.

ebulbis: not bulbed. cf. *Eria ebulbis*. syn. *E. hyacinthoides*.

ebulbum: without bulb (pseudobulb). cf. *Bulbophyllum ebulbum*. syn. *B. apodum* (: footless, as it appears to lack a pseudobulb).

Eburnea: see *eburneus*. = *Cymbidium* section.

eburnea: see *eburneus*. cf. *Stanhopea eburnea*.

eburneum: see *eburneus*. cf. *Cymbidium eburneum*.

eburneus: ref. *ebur* + suffix: of ivory. + A colour term: an ivory colour. + See *eborinus*.

eburnum: was listed as such, but may be an error (?), see *eburneum* (cf. *Cymbidium eburneum*). cf. *Cymbidium eburnum*.

Eburophyton: A.Heller 1904. Ref. *ebur*: ivory (+ see *eburneus*), + *phyton*: plant. Because this one is a holo-saprophyte (: can't make its own food, so it hasn't any "green" areas), it's (almost) an entire ivory colour. ex California, etc., USA., eg.

Eburophyton austinae (A.Gray) A.H.Heller 1904. syn. *Cephalanthera austinae*.

ecalcarata: see *ecalcarate*. cf. *Disa ecalcarata*.

ecalcarate: see *e*-+ see *calcarate*: not spurred.

ecalcaratum: see *ecalcarate*. cf. *Satyrium ecalcaratum*.

ecalcaratus: not spurred. cf. *Chroniochilus ecalcaratus*.

ecallosa: see *ecallose*. cf. *Calanthe ecallosa*.

ecallose: without calli; not calloused. See *e*-+ calli, callose.

ecallosum: see *ecallose*. cf. *Dendrochilum ecallosum*.

ecarinata: not + keeled. cf. *Calanthe ecarinata*.

ecarinatus: not + keeled. cf. *Corybas ecarinatus*.

ecaudata: not + tailed. cf. *Masdevallia ecaudata*. syn. *M. tubuliflora*.

eccentrica: possibly is Lat'd. English, *eccentric**: odd; strange; abnormal; off-centre; deviating, etc. *The etym. is attributed to *ekkentros* (*ek*:- from + *kentron*: centre), or ref. *eccentricus*. cf. *Pleurothallis eccentrica* Luer & Hirtz 1988.

echidion: small viper (snake). cf. *Lepanthes echidion*.

echidna: lit., viper (snake). cf. *Masdevallia echidna*.

echidnachila: viper* + lip. Ref. the long slender labellum. As this species is ex Aust., it may be an allusion to the tongue of our ***echidna** (a small animal, like a hedgehog, aka. a spiny ant-eater). cf. *Caladenia echidnachila*. Noted as endemic to Tas., Aust.

echidnum: ref. *echidna*: viper. cf. *Porroglossum echidnum*.

echin:- used in combwds., ref. *echinus*, *echinos*: a hedgehog; sea-urchin. Infers: being spiky; having spikes; like spikes; spiked. + The same connotations for bristles: bristly, etc.

echinantha: spiky + flower. cf. *Pleurothallis echinantha*.

echinanthus: spiky + flower. cf. *Physosiphon echinanthus*. syn. *Pleurothallis echinantha*.

echinata: see *echin*-, *echinate*. cf. *Erycina echinata*.

echinate: ref. *echinatus*: (like a hedgehog) having, or like stiff spikes, and/or bristly spike-like projections. + See *echin*-.

echinatum: see *echinate*. cf. *Oncidium echinatum*. syn. *Erycina echinata*.

Echinella: Pridgeon & M.W.Chase 2001: see *echin*-+ dimin. syn. *Pleurothallis* R.Br.

echiniphyta: spiky + plant. cf. *Maxillaria echiniphyta*.

echinocarpa: spiky + fruit (capsule). cf. *Cadetia echinocarpa*.
echinocarpon: as *echinocarpa*. cf. *Cymbidium echinocarpon*. syn. *Dichaea pendula*.
echinocarpum: as *echinocarpa*. cf. *Dendrobium echinocarpum*. syn. *Cadetia echinocarpa*.
echinochila: spiky + lip. cf. *Maxillaria echinochila*.
echinochilum: spiky + lip. cf. *Bulbophyllum echinochilum*.
echinodes: see *echin*-+ resembling. cf. *Pleurothallis echinodes*.
Echinoglossum: Blume ex Rchb.f.1841: spiky + tongue. syn. *Cleisostoma* (?).
echinolabium: spiky + lip. cf. *Coelogyne echinolabium*.
echinolum: see *echin*-+ see -*ola*: dimin. cf. *Bulbophyllum echinolum*.
echinophorum: *echin*-+ see -*phora*: spikes + bearing. cf. *Oncidium echinophorum*.
echinophyta: spiky + plant. cf. *Maxillaria echinophyta*.
echinops: spiky + face. cf. *Oncidium echinops*.
Echinosepala: Pridgeon & M.W.Chase 2001: see *echin*-+ sepal. eg. *Echinosepala pan*. syn. *Pleurothallis pan* Luer.
echinulate: same as *echinate* with an added dimin.: small. Like, or having small spikes, etc.
echinulus: see *echin*-+ dimin.,+ see *echinulate*. cf. *Bulbophyllum echinulus*.
Echioglossum: Blume 1825: viper + tongue. Listed as ref. the appendage to the labellum mid-lobe. eg. *Echioglossum striatum*. syn. *Cleisostoma striatum*.
Echioglossum: as last entry.= *Cleisostoma* section.
echo: reflection; image; echo. May have been likened to another of its ilk: an echo. But, with this author, is probably for "beauty", ref. Gk.myth.: Echo was a beautiful nymph who pined away with love for Narcissus until only her voice was left. ex Peru, cf. *Masdevallia echo* Luer 1978.
eciliata: see *eciliate*. cf. *Lepanthes eciliata*.
eciliate: without marginal hairs. See *ciliate*.
eciliatum: *eciliate*. Ref. the lip. cf. *Bulbophyllum eciliatum*.
eckmanii: an error (?), see *ekmaniana*. cf. *Epidendrum eckmanii*. syn. *Psychilis bifida*.
eclectic: discriminative; selective. A good word when applied to a specialist collector, or grower.
eclyptrata: not + shield-like, and/or not having a shield. cf. *Masdevallia eclyptrata* (syn.).
ecolle: e-: without + ref. *collum*: neck. cf. *Diplocaulobium ecolle*.
ecology: the study of flora and fauna relative to their environment.
ecornuta: not + horned. cf. *Stanhopea ecornuta*.
ecornutum: not + horned. Does not have obvious stielidia. cf. *Bulbophyllum ecornutum*.
ecostate: e-+ *costate*: not ribbed.
ecostatum: not + ribbed. cf. *Epidendrum ecostatum*. syn. *E. jamaicense*.
ecotone: seen in discussions: the region between two neighbouring, but unlike plant communities. eg. The ecotone between montane and subalpine.
ecratistes: e-+ ref. *krater* + suffix. Freely trans.: one which is without a basin; bowl. cf. *Encyclia ecratistes*.
ecristata: e-+ *cristate*: not crested. cf. *Eulophia ecristata*.
ecristatum: as *ecristata*. cf. *Cyrtopodium ecristatum*. syn. *Eulophia ecristata*.

ecristatus: as *ecristata*. cf. *Triorchos ecristatus*. syn. *Eulophia ecristata*.

ecto:- used in combwds., ref. *ektos*: outside; out (of, or from); without (as the opposite to within); from.

ectopa: have no ref. for this, perhaps ref. *ektopos* (and then Lat'd. to suit the genus): distant; away; strange (?). cf. *Corunastylis ectopa*. syn. *Genoplesium ectopum*.

ectopum: same as *ectopa*. cf. *Genoplesium ectopum*. Noted as endemic to NSW., Aust.

ectotrophic mycorrhiza: technical term for fungi that exist on roots, enveloping them with a moderately dense covering. Many orchids have a symbiotic relationship with fungi, many eventually growing out of it, while some remain totally reliant (see saprophyte). The etym. of the words, ectotrophic: outside + feeding, and mycorrhiza: ref. *myces*: mushroom; fungus + roots. + See fungi, symbiosis, mycorrhiza, etc.

ecuadorana: of, or belonging to Ecuador. cf. *Bollea ecuadorana* Dodson 1984.

ecuadorensis: from Ecuador. cf. *Phragmipedium ecuadorensis* Garay 1978.

ecuadorensis: from Ecuador. cf. *Elleanthus ecuadorensis* Garay 1978.

Ecuadoria: Dodson & Dressler 1994: of Ecuador. syn. *Microthelys* Garay

ecuadoriensis: from Ecuador. cf. *Tevoria ecuadoriensis* Rolfe 1910. syn. *Polycynis surinamensis* C.Schweinf.1948.

edanoi: listed for orig.coll., G.Edano (the orig.colls. are noted as M.Ramos & Edano). ex Palawan, Philipp., cf. *Dendrochilum edanoi* Quis.1938.

edelfeldtii: listed for E.C.Edelfeldt (+ of). In 1885 was the British Govt. Agent based at MotuMotu at the mouth of the William River, Gulf of Papua. In 1888 was at Samarai, (then) the administration centre of the Milne Bay District. cf. *Renanthera edelfeldtii* F.Muell.& Kraenzl. Pers.coll., not uncommon ex PM.PNG. + See *Renanthera*.

edentatum: edentate; not toothed; without teeth. cf. *Bulbophyllum edentatum*.

edentula: as *edentulum*. cf. *Platyclinis edentula*. syn. *Dendrochilum edentulum*.

edentulum: without + small tooth (teeth?). cf. *Dendrochilum edentulum*.

edgeworthii: for orig.coll., botanist and naturalist, Michael Pakenham Edgeworth (1812-1881). Descs. accr. to him are abbr. to: Edgew. Ex nthn. India 1844, cf. *Pachystoma edgeworthii* Rchb.f.1852. syn. *Pachystoma pubescens*.

ediensis: from Edie Creek, a town south of Bulolo, PNG. cf. *Trichotosia ediensis* (J.J.Sm.) P.F.Hunt 1971.

edwallii: of Edwall. Listed for botanist, Gustavo Edwall (1862-1946). ex Brazil, cf. *Habenaria edwallii* Cogn.1907.

edwardi: listed for orig.coll., Edward Klaboch (+ of, see *klabochorum*). ex Ecuador, cf. *Cyrtorchilum edwardi* (Rchb.f.) Kraenzl. 1917.

edwardsii: of Edwards. Listed for phytologist and author, Trevor Edwards (fl.1989). ex Peru, cf. *Maxillaria edwardsii* D.E.Benn.& Christenson 1998.

effusa: see effuse. cf. *Appendicula effusa*.

effuse: ref. *effusus*: pour out. Widely spreading; spread out. + Effusive.

effusum: see effuse. Refs. to the inflos. cf. *Bulbophyllum effusum*. syn. *B. fractiflexum*.

effusus: see effuse. cf. *Podochilus effusus*.

eg.: abbr. for Lat. phrase: *exempli-gratia*. Ref. *exemplum*: an example + *gratia*: a favour.:
For example; for instance.

egena: ref. *egenus*: needy; poor; wanting, etc. cf. *Oeonia erostris* var. *egena*. syn. *Beclardia macrostachya*.

egertoniae: see *egertonianum* + the suffix (: of) is feminine (for a fem. relative?). ex India to Myanmar, cf. *Dendrobium egertoniae* Lindl.1847. syn. *D. amoenum*.

egertonianum: belonging to Egerton. Listed for noted grower and generous patron of horticulture, Sir Philip Egerton (Eng.). ex Mexico to Panama, cf. *Cynoches egertonianum* Bateman 1842.

egertonii: as *egertonianum*. ex Mexico, Costa Rica and Guatemala, cf. *Cuitlauzina egertonii* (Lindl.) Dressler & N.H.Williams 2003.

Eggelingia: Summerh.1951. Listed for W.J.Eggeling (+ of), noted grower and collector, esp. of Ugandan flora. ex Zaire to Uganda, Africa, eg. *Eggelingia ligulifolia*.

eggelingii: see *Eggelingia*. ex s.west Uganda, cf. *Diaphananthe eggelingii* P.J.Cribb 1989.

eggersii: of Eggers. For botanist, Henrik Franz Alexander von Eggers (1844-1903). ex Hispaniola, cf. *Epidendrum eggersii* Cogn.1910. syn. *Psychilis truncata*.

eglandulosa: not + with small glands. cf. *Cheirostylis eglandulosa*.

egleri: of Egler. Listed for botanist, Walter Alberto Egler (1925-1961). ex Brazil, cf. *Trichosalpinx egleri* (Pabst) Luer 1983.

egregia: as *egregius*. cf. *Disperis egregia*.

egregium: as *egregius*. cf. *Odontoglossum andersonianum* var. *egregium*.

egregius: descwd.: outstanding; distinguished; excellent, etc.

ehrenbergii: listed for orig.coll., German botanist, Christian Gottfried Ehrenberg [+ of] (1795-1876). Descs. accr. to him are abbr. to: Ehrenb. ex Mexico, cf. *Malaxis ehrenbergii* (Rchb.f.) Kuntze 1891.

ehrhartiiflora: "Ehrhart's flower". Ref. botanist, naturalist and author, (Jacob?) Friedrich Ehrhart (1742-1795). Descs. accr. to him are abbr. to: Ehrh. ex Costa Rica, cf. *Pleurothallis ehrhartiiflora* Schltr.1923. syn. *P. costaricensis* Rolfe 1917.

eichlerianum: belonging to Eichler. Listed for orig.coll., botanist August Wilhelm Eichler (1839-1887). One major ref. noted it as ex Loango (a coastal city, or for the kingdom, now mostly: Republic of the Congo), Africa. cf. *Angraecum eichlerianum* Kraenzl.1882.

eidos: resemblance; form. cf. *Pleurothallis eidos*.

eifliaca: ref. Yr Eifl (a mtn. peak) + belonging to, of Lleyn Peninsula, n.west Wales, Great Britain. cf. *Dactylorhiza x eifliaca* (Fuchs) Soó 1962. syn. *Dactylorhiza x aschersoniana*.

eitapense: for place name: from Eitape (now: Aitape), near the Indon. border, eastn. PNG. cf. *Dendrobium eitapense* Schltr.1912. syn. *D. bracteosum*. Pers.coll., see *bracteosum*.

eitapensis: as *eitapense*. cf. *Phreatia petiolata* var. *eitapensis* Schltr.1913.

ejecta: ref. *eiectus*: emitting; put out; throw out. cf. *Lepanthes ejecta*.

ekmaniana: listed for botanist, Erik Leonard Ekman [+ belonging to] (1883-1931). ex Brazil, cf. *Habenaria ekmaniana* Kraenzl.1911.

ekmanii: as *ekmaniana*. ex Cuba, cf. *Lepanthes ekmanii* Schltr.1923.

ekuamensis: for place name (+ from), only listed as ex New Guinea. cf. *Corybas ekuamensis* P.Royen 1983.

elachanthe: see *elachys* + flower. cf. *Bulbophyllum elachanthe*.

elachon: see *elachys*. cf. *Bulbophyllum elachon*. syn. *Genyorchis pumila* (: small).

elachopus: see *elachys* + foot; footed. cf. *Pleurothallis elachopus*. syn. *P. flexuosa*.

elachyantha: see *elachys* + flower. cf. *Platanthera elachyantha*. syn. *P. exelliana*.

elachys: small; low; short; insignificant. cf. *Masdevallia elachys*.

elaedes: descwd.: as if oiled (with olive oil); oily. Also ref. *elaia*: of an olive (and/or, the tree); *olivaceus*: olive-green colour. + See *elaio*-.

elaidium: see *elaio* + dimin. cf. *Stolzia elaidium*.

elaio:- prefix used in combwds., mainly to express the colour of an olive, an olive-green. + See *elaedes*, *olivaceus*.

elamellata: freely trans.: without lamellae, see lamella, lamellate. cf. *Eulophia elamellata*. syn. *E. odontoglossa*.

elaminata: not + see laminate. cf. *Lepanthes elaminata*.

elaphoceras: ref. *elaphos*: a stag; deer + horn. cf. *Disperis elaphoceras*.

elaphoglossum: ref. *elaphos*: a stag; deer + tongue. cf. *Bulbophyllum elaphoglossum*.

elasmatopus: metal plate + like + foot. cf. *Bulbophyllum elasmatopus*.

Elasmatium: Dulac 1867, ref. *elasma*: metal plate + suffix: like; having. Ref. the leaves having a metallic lustre. syn. *Goodyera* R.Br.

elassoglossum: ref. *elasson*: smaller; less. Can also be: little, etc.+ tongue. cf. *Bulbophyllum elassoglossum*.

elassonotum: haven't read about this one, so have two interpretations. Ref. *elasson*: smaller; less; little +-otos: ear. (Many of this genus have small ears, or wings on the column). Or, smaller (*elasso*-) + ref. *notos*: (at the) back. cf. *Bulbophyllum elassonotum*.

elastica: ref. *elastikos*: springy; resilient. Ref. the lip. cf. *Drakaea elastica*. Noted as endemic to West.Aust.

Elasticae: springy; resilient.= *Polystachya* section.

elata: ref. *elatus*: lofty; tall; dignified, etc. cf. *Peristeria elata*.

Elatae: see *elata* + of.= *Bulbophyllum* + *Coelogyne* sections.

elatior: taller. Or, one standing tall; proud. cf. *Zeuxine elatior*.

elatus: proud + ref. *elate*: proudly. cf. *Habenaria elatus*.

elatum: as *elata*. cf. *Prasophyllum elatum*. Noted as endemic to eastn. Aust.

elatus: as *elata*. cf. *Cyclopogon elatus*.

elcimeyae: for place name (+ of), only listed as ex Costa Rica. cf. *Telipogon elcimeyae* Braas & Horich 1982.

eldorado: may be for a place name: listed as ex Bahia state, eastn. Brazil. Ref. Eldorado (village), a little north of the Rio Paraguaçu (or, see next entry). cf. *Cyclopogon eldorado* (Lindley & Rchb.f.) Schltr.1920.

eldorado: a fanciful specep., listed as lit.trans. to: "the golden land". For the fabulous myth. region where there is unlimited wealth in precious gems, gold, etc. An

oblique allusion to the wonderful colours. ex Brazil, cf. *Cattleya eldorado*. syn. *C. wallisii*.

x *Elearethus*: auct. On the syn. list, cf. *Arethus* x *Eleorchis*.

x *Elecalthusa*: auct. On the syn. list, cf. *Arethus* x *Calopogon* x *Eleorchis*.

electilis: fine; tasteful; select; choice. cf. *Lepanthes electilis*.

electra: again is simply for "beauty". Ref. Gk.myth., Electra was the very beautiful daughter of Agamemnon, king of Mycenae and Queen Clytemnestra. cf. *Cypripedium* x *electra* Rolfe. syn. *C. x galatea*.

electrinum: ref. *electrum*: amber, or: an alloy of gold and silver + suffix: the colour, or like, etc. cf. *Bulbophyllum electrinum*.

elegans: tasteful; fine; choice, etc. cf. *Caladenia elegans*. Noted as endemic to West.Aust.

elegantior: as *elegans* + suffix: choicer; more tasteful, etc. cf. *Orchis angustifolia* subf. *elegantior*. syn. *Dactylorhiza traunsteineri* ssp. *traunsteineri*.

elegantissima: as *elegans* + emphasis: very, etc. cf. *Cattleya elegantissima*.

elegantissimum: as *elegantissima*. cf. *Taeniophyllum elegantissimum*.

elegantium: ref. *elegantia*: taste; style; elegance; finesse. cf. *Coryanthes elegantium*.

elegantius: as *elegantium*. cf. *Bulbophyllum elegantius*.

elegantula: see *elegantulus*. cf. *Glomera elegantula*.

elegantulum: as *elegantulus*. cf. *Dipodium elegantulum*.

elegantulus: very stylish; fine, etc. cf. *Lissochilus elegantulus*. syn. *Eulophia schweinfurthii*.

eleogena: marsh; swamp + born; kind. cf. *Eulophia eleogena*.

eleogenus: as *eleogena*. cf. *Lissochilus eleogenus*. syn. *Eulophia horsfallii*.

Eleorchis: Maek.1935, ref. (*h*)*eleios*: of a marsh + orchid. Ref. its swampy habitat. eg. *Eleorchis japonica* (A.Gray) Maek.1935. Noted as monotypic, Kuril Isl. to Japan.

elephanticeps: ref. *elephantis*: elephant + see -*ceps*: head. cf. *Masdevallia elephanticeps*.

elephantina: as *elephantinum*. cf. *Lepanthes elephantina*.

elephantinum: ref. *elephantinus*: of an elephant, + can be: of ivory. cf. *Dendrobium elephantinum*.

elephantotis: elephant + of, etc.(or, could be ex *otos*: ear ?). cf. *Oncidium elephantotis*.

elephas: elephant. In the description, it mentions an unusually elongated rostellum, almost the same length as the flower. So, has to be an allusion to an elephant's trunk. ex Mexico, etc., cf. *Ornithocephalus elephas*. syn. *O. inflexus*.

x *Elepogon*: auct. On the syn. list, cf. *Calopogon* x *Eleorchis*.

Eleutheroglossum: as *eleutheroglossum*. = *Dendrobium* section.

Eleutheroglossum: (Schltr.) M.A.Clem.& D.L.Jones 2002: as next entry.. syn. *Dendrobium* Sw.

eleutheroglossum: ref. *eleutheros*: free (: loose; lax) + tongue. cf. *Dendrobium eleutheroglossum*. syn. *D. closterium* var. *jocosum*.

eleutherosepala: free + sepal(s?). cf. *Rodrigueziopsis eleutherosepala*.

elevatopunctatum: raised + dotted. (Maybe an illusion?). The sepals and petals are pale orange, spotted and dotted with purple. cf. *Bulbophyllum elevatopunctatum*.

eligulata: without + see *ligule*, *ligulate*. cf. *Dichaea eligulata*.

elgonensis: from Mt.Elgon (volcano), on the Uganda/Kenya border, Africa. cf. *Holothrix elgonensis* Summerh.1932.

elisabethae: listed as dedicated to Queen Elisabeth of Romania. ex Madagascar, cf. *Eulophiella elisabethae* Linden & Rolfe 1892.

elisae (+ have noted *elizae*): listed for orig.coll., Ms.Elisa Kern (+ of). cf. *Bulbophyllum elisae* (F.Muell.) Benth.1871. Noted as endemic to eastn. Aust.

-ella: usually a dimin. suffix with many connotations to being small; short; lesser, etc. Sometimes added to a person's name, or proper noun as a respectful suffix. eg. *Duckeella*.

elleanthoides: see *Elleanthus* + resembling. cf. *Epidendrum elleanthoides*.

Elleanthus: C.Presl 1827. The accepted etym. is ref. Gk.myth., for Helle: Helena, a princess of Hellespont fame, daughter of Athamar & Nephrele. But could easily be for a real Helen, or Elle and/or; because Helena was a very beautiful young lady it could simply infer it's beautiful (ie., having the same connotations as *venusta*, etc.). So, it's Helle's flower, or beautiful + flower (?). ex Colombia, etc., eg. *Elleanthus aureus*.

elliae: listed for place name: of Neura Ellia, Ceylon (: Sri Lanka). cf. *Bulbophyllum elliae* Rchb.f.1861.

elliottii: of George Francis Scott-Elliott (1862-1934), botanist and authoritative collector in Madagascar c1888-'92. cf. *Angraecum elliotii* Rolfe.

elliottianum: ex Borneo. Listed for R.(Richard?) Elliott (+ belonging to) of the horticultural company of Young & Elliott, New York, USA. ex Borneo, cf. *Cypripedium elliottianum* O'Brien 1888. syn. *Paphiopedilum rothschildianum*.

elliottii: as *elliottianum*. ex Africa, cf. *Bulbophyllum elliottii* Rolfe 1891.

ellip-: used in combwds., ref. *elleipsis*: defect; omission; lack.+ Because the part in discussion is not perfectly "round" (hence, the "defect"). Often infers: elliptic; ellipsoid; ovoid.

ellipes: ref. *ellipes*: defect; omission. cf. *Masdevallia ellipes*. syn. *M. peristeria* ssp. *haematosticta*.

ellipsoid: a slightly compressed globe; resembling an ellipse; ovoid. The geometrical definition: a closed solid figure of which every plane is an ellipse.

ellipsophylla: see *ellip*+ leaf. cf. *Pleurothallis ellipsophylla*.

ellipsophyllum: see *ellip*+ leaf. cf. *Dendrobium ellipsophyllum*.

elliptic: flattened and having the form of an ellipse. + See ovate.

elliptica: see elliptic. Ref. the leaves. cf. *Rimacola elliptica*. Noted as monotypic and endemic to NSW., Aust.

ellipticifolium: elliptic + leaf. cf. *Bulbophyllum ellipticifolium*.

ellipticum: elliptic. Ref. the lip. cf. *Bulbophyllum ellipticum*. syn. *B. oxychilum*.

ellipticus: elliptic. cf. *Lyperanthus ellipticus*. syn. *Rimacola elliptica*.

ellisii: for the Rev.William Ellis (+ of) of Hoddesden, Eng. A naturalist, anthropologist, author and serious investigator of the flora of Madagascar, collecting widely in the region c1856-'65. cf. *Grammangis ellisii* (Lindley) Rchb.f.1860. Noted as endemic.

elmae: listed for Ms.Elma Nubling. The orig.colls. are listed as E.& E. Nubling, which is also for Erwin Nubling (see *nublingii*), ex NSW., Aust.*1927. cf. *Prasophyllum elmae* Nubling 1940. syn. *Genoplesium pumillum*. *Also, it is found in North Island, NZ.

elmeri: listed for Adolph Daniel Edward Elmer (1870-1942), botanist and authority on Philipp. orchids. cf. *Spathoglottis elmeri* Ames 1912. A lovely yellow form from the mtns.of Negros Island.

elobata: not + lobed. cf. *Octomeria elobata*. syn. *O. octomeriantha*.

elobatum: not + lobed. cf. *Dendrobium elobatum*. syn. *D. discolor*. Pers.coll, see *discolor*.

elobe: without + lobe. cf. *Parapteroceras elobe*.

elobulata: without, or not + see lobulate. cf. *Spathoglottis elobulata*.

elodeiflorum: see *elodes* + flower. cf. *Bulbophyllum elodeiflorum*.

elodes: for a wet habitat: of meadows; marshes. + See *helodes*. cf. *Dactylorhiza maculata* ssp. *elodes*.

elongata: see *elongatus*. Ref. the filiform lateral lobes. cf. *Habenaria elongata*.

Elongatae: elongate + of.= *Pleurothallis* section. syn. *Trichosalpinx* subgenus *Tubella* section *Tubellae*.

Elongatia: (Luer) Luer 2004: elongate + of. syn. *Pleurothallis* R.Br.

elongaticolle: elongate + neck. cf. *Diplocaulobium elongaticolle*.

elongatissima: elongate + emphasis; very, etc. cf. *Stelis elongatissima*.

elongatum: as *elongatus*. Ref. the stems. cf. *Agrostophyllum elongatum*. Pers.coll., common ex PM.PNG.

elongatus: descwd.: lengthened; elongated; prolonged. Longer than what is considered as "normal". + cf. *Anoectochilus elongatus*. syn. *Pristiglottis elongata*.

elsteadensis: from Elstead, a town of Surrey, Eng., for where it flowered in cultivation. cf. x *Laeliocattleya elsteadensis* auct. (syn.).

elsteadianum: belonging to Elstead, as *elsteadensis*. cf. *Selenipedium* x *elsteadianum* auct.1893 (syn.).

eltoroensis: for place name (? El Toro + from), listed as ex the Luquillo Mtns., Puerto Rico. cf. *Lepanthes eltoroensis* Stimson 1970.

eludans: puzzling; frustrating; evading, etc. Listed as a natcross, cf. *Caladenia* x *eludans* Hopper & A.P.Br.2001. Endemic to West.Aust. Throughout this text, there are many instances where authors give a specep. which indicates the frustrations of classification.

elvallensis: listed for place name: from El Valle de Anton, Panama. cf. *Dresslerella elvallensis* Luer 1976.

elvirana: listed as ex Venezuela, it could be for a person's name (+ belonging to). Also, it may be for La **Elvira** (village) of Distrito Federal state, nthn. central Venezuela (?). cf. *Pleurothallis elvirana* Carnevali & I.Ramirez 1993.

elwesii: listed for orig.coll., botanist Henry John Elwes [+ of] (1846-1922). ex Sikkim, India c1882. cf. *Porpax elwesii* (Rchb.f.) Rolfe 1908.

elworthyi: I was pleased to note his being honoured. For Geoff Elworthy an authority, esp. of Australasian orchids. He was resoundingly elected as Patron to our

fledgling society (The Orchid Society of PNG.) at our inaugural meeting (5/1/'72) and was held in very high esteem. Occasionally I would visit with him for advice and to drool over his marvellous collection. Once he recruited me to fix his toilet cistern, an easy task for me and I was only too pleased to help. I certainly didn't expect payment, but being always a gentleman, he amply rewarded me with a very generous cutting of *Vanilla planifolia*. I was rapt! cf. *Dendrobium vexillarius* var. *elworthyi* T.M.Reeve & P.Woods 1989. + Of interest, see *Coelogyne*.

x *Elythodia*: auct. On the syn. list, cf. ***Elythranthera* x *Glossodia***.

Elythranthera: (Endl.) A.S.George 1963: see *elytr*-+ anther. eg. *Elythranthera emarginata*.
Noted as endemic to West.Aust.

elytr:- used in combwds., ref. *elytron*: sheath; husk. + Can be: hood.

elytrifera: see *elytr*-+ bearing. cf. *Lepanthes elytrifera*.

elytrigera: as *elytrigerum*. cf. *Cleisostoma elytrigera*.

elytrigerum: see *elytr*-+ bearing. cf. *Cleisostoma elytrigerum*. syn. *C. elytrigera*.

elytroglossa: see *elytr*-+ tongue. cf. *Calanthe elytroglossa*.

emarcidum: see *emarcidus*. cf. *Satyrium emarcidum*. syn. *S. ligulatum*.

emarcidus: descwd.: wilted; wasted; withered, same as *marcidus*. One major ref. says they have the same meaning. A bit confusing as I wanted to translate it as: *e*- + *marcidus*: not withered, etc.

emarginata: see emarginate. Ref. labellum lateral lobes. cf. *Diuris emarginata*. Noted as endemic to West.Aust.

Emarginatae: (those being) emarginate.= *Disa* section.

emarginate: shallowly notched by a "V" at the apex of an organ, or part. Mostly applied to leaves and floral segments.

emarginatum: see emarginate. cf. *Bulbophyllum emarginatum*.

emarginatus: emarginate. cf. *Ascochilus emarginatus*.

Embreea: Dodson 1980. Listed for Alvin Embree (+ of), noted as a sponsor of Dr.Dodson's studies of *Stanhopea*, etc. (see *dodsonii*). ex Colombia to Ecuador, eg. *Embreea rodigasiana* (Claes ex Cogn.) Dodson. Noted as monotypic.

embreei: as *Embreea*. ex Ecuador, cf. *Campylocentrum embreei* Dodson 1993.

embryo: the rudimentary stage of development within a seed. + See protocorm.

emeiense: as *emeiensis*. cf. *Mischobulbum emeiense* K.Y.Lang. syn. *Taenia emeiensis* (K.Y.Lang) Z.H.Tsi.

emeiensis: for place name: from Emei Shan, a sacred mountain (to Buddhists) of Sichuan Prov., China. cf. *Anoectochilus emeiensis* K.Y.Lang 1982.

emeishanica: belonging to Emei Shan (: mtn.), see *emeiensis*. cf. *Calanthe emeishanica* K.Y.Lang & Z.H.Tsi.

ementosa: without + see *mentum* + like, etc. cf. *Octomeria ementosa*.

emericii: for orig.coll., Major-General Emeric S.Berkeley (more, see *berkeleyi*). ex Andaman Islands, India. cf. *Aerides emericii* Rchb.f.1882.

emiliae: could be for a person's name, and/or a place name (+ of). Listed as ex Mexico to El Salvador, there are quite a few places called Emilia (in some way). cf. *Spiranthes emiliae* M.C.Johnst. syn. *Sarcoglottis schaffneri*. (Rchb.f.) Ames.

emiliana: listed as Lat'd. for the given name (+ belonging to) of phytologist, Emil Hassler (1861-1937),+ see *hassleri*. ex Brazil, cf. *Gomesa emiliana*.

emilii: as *emiliana*. ex Paraguay, cf. *Oncidium emilii* Schltr.1920.

emiliorum: of, or belonging to Emilio. Listed for orig.coll. and a much valued local assistant to Hugh Cuming (see *cumingii*). ex the Philipp., cf. *Bulbophyllum emiliorum* Ames & Quis.1931. Also, pers.coll. ex PM.PNG., see sketch and notes.

Bulbophyllum emiliorum Ames & Quis.



Monanthous, not rare, but uncommon. First found it ex Sirinumu, PM.PNG. May '72. Mostly a dirty creamy-yellow and heavily dotted internally with dark pink. By memory everything checks out with the description and line-drawings (ref. P.O'Byrne 1994), even down to the comment, that the little black bush bees loved it, as surprisingly, it does have a very pleasant perfume. This one was slightly different, the lateral sepals are not joined and at last, I know its correct name.

eminence: ref. *eminens*: standing out; projecting. Also as: elevation; height, etc.

eminens: see eminence. cf. *Caladenia eminens*. Noted as endemic to West.Aust.

emissus: descwd., ref. *e-*: out, etc.+ *missus*: sent: (to) put forth; send out.

empis: gnat; small mosquito. Refs. to a flower. cf. *Lepanthes empis*. syn. *L. excedens*.

Empusa: Lindley 1824. Another of Prof.Lindley's fanciful names (but not for a beautiful lady this time). Ref. Gk.myth., Empusa: a cannibal monster, sent in many hideous forms by Hecate, to waylay travellers.+ Can be a word for a monster; boogeyman and as: weird; strange, etc. syn. *Liparis* Rich.

empusa: see *Empusa*. cf. *Masdevallia empusa*.

Empusaria: Rchb.1828. See *Empusa* + see *-are*: relative to, etc. Noted as being for its close resemblance to *Empusa*. syn. *Liparis* Rich.

Empusella: (Luer) Luer 2004: see *Empusa* + dimin. syn. *Pleurothallis* R.Br.

en-: used in combwds.: in; into; put into, etc.+ Can be a negative, + can imply: the opposite.

enallax: lit., alternate. cf. *Masdevallia enallax*.

encephala: ref. *encephalos* (: in + head): the brain. Infers: wrinkled, creased and lumpy. cf. *Masdevallia encephala*.

encephalodes: see *encephala*: the brain + resembling. cf. *Brachycorythis encephalodes*.

Encheiridion: Summerh.1943: see *en*-+ ref. *cheirydion*: small hand. Listed as refs. to the rostellum (or a beaked operculum), with a flower likened to a small hand (?).
syn. *Microcoelia* Lindl.

Encyclia: Hook.1828: ref. *enkyklein*: to encircle (+ ref. *en*-: in + *kyklos*: ring; circle). Ref. the labellum. Noted as once a section of *Epidendrum* and was established by W.J.Hooker as a separate genus. Many species of *Epidendrum* were removed to *Encyclia* (+ ref. *Epidanthus*). ex Surinam to Brazil, eg. *Encyclia dichroma*.

encyclioides: may have been likened to an *Encyclia*, or ref. *en* + *kyklos*: in a ring, or circle + resembling. cf. *Eulophia encyclioides*. syn. *E. venulosa*.

Encyclium: Neumann 1846, see *Encyclia*. syn. *Encyclia* Hook.

Encyclium: see *Encyclia*. = *Epidendrum* section. Now, is ref. to the genus *Encyclia*.

x *Encylaelia*: F.E.L.Miranda. On the syn. list, cf. ***Encyclia*** x *Laelia*.

endemic: ref. *endemos*: indigenous; living in. For those genera, or species restricted to one particular area.

endemism: see endemic. The character, quality, or state of being endemic.

endertii: of Endert. For botanist, Frederik Hendrik Endert (1891-1953), who was with an expedition to Kalimantan, Borneo. cf. *Coelogyne endertii* J.J.Sm.1931.

Endlicher: a separate entry for cross-reference. Stephan Friedrich Ladislaus Endlicher (1804-1849). Phytologist, friend, colleague and co-author with E.F.Poeppig. More info., see *poeppigii*.

endo-: used in combwds., ref. *endon*: inside; within. + Can be: enclosed (by).

endocharis: *endo*-: inside + pleasure.cf. *Oncidium endocharis*.

endosperm: the food storage tissue surrounding a seed. Orchid seeds do not have an endosperm, so they rely on fungi. See mycorrhiza, etc.

endotrachys: inside + ref. *trachys*: rough, etc. cf. *Bulbophyllum endotrachys*.

endothrix: inside + hair. cf. *Habenaria endothrix*. syn. *H. linguella*.

Endresia: see *endresianus*. = *Restrepopsis* subgenus *Endresia*.

endresiana: as *endresianus*. cf. *Habenaria endresiana* Schltr.1923. syn. *H. trifida*.

endresianum: as *endresianus*. ex Costa Rica to Ecuador, cf. *Zootrophion endresianum* (Kraenzl.) Luer 1982.

endresianus: listed for orig.coll., A.R.Endres (+ belonging to). He was a mercenary for famous Eng. nurserymen, Veitch & Sons and collected in the central Americas, c1873. cf. *Telipogon endresianus* Kraenzl.1920.

Endresiella: Schltr.1921: Endres +-ella: respectful suffix, see *endresianus*. Listed as monotypic, ex Costa Rica. cf. *Endresiella zahlbruckneriana* Schltr.

endresii: of Endres, (orig.coll.), see *endresianus*. ex Costa Rica, cf. *Oerstedella endresii* (Rchb.f.) Hágsater 1981.

endymion: ref. Gk.myth., Endymion was a handsome youth loved by Selene, goddess of the moon. The word also implies: attractive; handsome, etc. cf. *Eria endymion* Ridley 1896. syn. *Eria hyacinthoides*.

enervis: without + nerves; not veined. cf. *Platystele enervis*.

engadinensis: for place name: from the Engadin Valley area, Graubünden, Switzerland. cf. *Dactylorhiza x engadinensis* (Cif.& Giacom.) Soó.

engae: for place name: of Enga Province, PNG. cf. *Dendrobium engae* T.M.Reeve 1979.

engleri: see *engleriana*. ex Zimbabwe to Sth.Africa, cf. *Eulophia engleri* Rolfe 1910. syn. *E. clavicornis* var. *inaequalis*.

engleriana: belonging to Engler. For botanist, Heinrich Gustav Adolf Engler (1844-1930).

Descs. accr. to him are abbr. to: Engl. cf. *Calanthe engleriana* Kraenzl.1905. A magnificent terrestrial and in PM.PNG. I once found a huge specimen sized plant and my mates thought I was quite mad for taking it home. For our club, I wrote an article on my improvisation to "pot" it, the main ingredients being a large plastic garbage bin, lots of crumbled polystyrene foam and potting mix (+ a broom handle as the plant support pole). On flowering, the plant and "pot" stood nearly 2.4m.(8ft.) high, I had to use a utility truck and enlist help to take it to our club meeting for "show and tell". We timed our arrival to ensure everyone would be there, so we could make a "grand entrance". The gasps of delight and the incredulous looks on the faces of our members was a wonderful reward. It's great to be in the limelight and, of course, I soaked up the glory.

englerianum: see *engleriana*. cf. *Sarcochilus englerianum* Kraenzl.1900. syn. *Rhinerrhizopsis moorei*. Pers.coll. ex PM.PNG. See sketch and notes at "M".

enigma: ref. *aenigma*, *ainigma*, is the same as in English: a puzzle; mystery; unexplainable, etc. Listed as a natcross of *Caladenia barbarossa* x *C. longicauda*. cf. *Caladenia x enigma* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

enigmatica: as *enigma* + see *-matica*: a mystery + of the imagination. + Ref. Eng.,
enigmatic: obscure and ambiguous, etc. cf. *Chloraea enigmatica*.

ennensis: for place name (+ from). Among the many given locations, noted Enne, a town of Kütahya Prov., Turkey. cf. *Orchis ennensis* Guss.ex Tineo 1817. syn. *Neotinea tridentata*.

enobarbia: my only ref. is to Enobarbus (+ of): according to legend (and William Shakespeare), he was lieutenant to Mark Antony (the very close associate of Julius Caesar). cf. *Ophrys x enobarbia* Del Prete & Tosi 1981.

enoensis: for place name (+ from), listed as ex the Maluku Islands, Indon. cf. *Oberonia enoensis* J.J.Sm.1928.

Enothrea: Raf.1838: possibly to express "beauty", as it's reputed to be for a myth. nymph named Enothrea (?). syn. *Octomeria* R.Br.

ensata: see *ensate*. Ref. the floral segments. cf. *Caladenia ensata*. Noted as endemic to West.Aust.

ensate: ref. *ensis*: sword + suffix: sword-like; sword-shaped. Any organ, or part likened to a sword (mostly blade only, without a haft; handle).

ensatum: see *ensate*. cf. *Oncidium ensatum*.

ensatus: see *ensate*. cf. *Elleanthus ensatus*.

-ense, *-ensis*: used in combwds. Denotes: habitat; origin; place of growth. I usually say "from", as it's mostly used with place names.

ensicaulon: sword + ref. *caulis*: stem; stalk. cf. *Epidendrum ensicaulon*. syn. *Encyclia pastoris*.

ensiculferum: ref. *ensiculus*: small sword + bearing. cf. *Bulbophyllum ensiculferum*.

ensifolia: sword + leaf. cf. *Vanilla ensifolia*.

ensifolium: sword + leaf. cf. *Dipodium ensifolium*. Noted as endemic to Qld., Aust.

ensiform: having the shape, or form of a sword (usually, only for the blade). + See *ensate*.

ensiforme: see *ensiform*. cf. *Cyrtopodium ensiforme*. syn. *Eulophia stricta*.

ensiformis: see *ensiform*. Ref. the leaves. cf. *Oberonia ensiformis*.

ensigera: sword + bearing. cf. *Habenaria ensigera*.

ensigerum: sword + bearing. ex Sumatra, cf. *Chrysoglossum ensigerum*.

Ensipes: sword + foot.= *Liparis* section.

Entaticus: Gray 1821: ref. *entatikos*: stimulating. + Listed as an old name for a plant, reported to have medicinal value. syn. *Habenaria* Willd.

entire: seen in discussions and mostly applies to margins: having plain edges. With other organs and parts, can be: complete; intact; undamaged; whole; wholly, etc.

entomantha: ref. *entomon*: insect, or ref. *entomes*: cut into + flower (both could apply). cf. *Habenaria entomantha*.

entomogama: insect + marriage. + See *entomophily*. cf. *Gastrodia entomogama*. Noted as endemic to s.east Aust.

entomonopsis: insect + appearance. An allusion to having an insect at the centre of the flower, cf. *Bulbophyllum entomonopsis*. + Of interest, see *cimicinum*.

entomophily: technical term for when flowers are pollinated by insects.

Entomophobia: de Vogel 1984. I was side-tracked by (Eng.), *entomophobia*: the fear of insects and nearly made a fool of myself with this one! Ref. *entomon*: insect + ref. *phobe*: tuft; curl and/or, a cluster + of. Listed as monotypic to Borneo, cf. *Entomophobia kinabaluensis* (Ames) de Vogel 1984.

envigadoense: from Envigado, a major town near Medellin city, Antioquia Department, Colombia. cf. *Epidendrum envigadoense* Hágsater 1999.

environs: surrounding areas; neighbouring regions.

epallax: ref. *e-* + *pallax*: not; without, etc. + (of) youth. cf. *Masdevallia epallax*.

epapillosum: not + see *papillose*: warty, etc. Or: without papillae. cf. *Bulbophyllum epapillosum*.

Eparmatostigma: Garay 1972: *e-* + ref. *parma* + suffix + *stigma*: not, or without + small shield-like + *stigma*. Noted as monotypic ex Vietnam. cf. *Eparmatostigma dives*.

epeiophora: ref. *epeira*: a kind of spider + bearing. cf. *Ophrys epeiophora*.

ephelis: lit., freckle. cf. *Myoxanthus ephelis*.

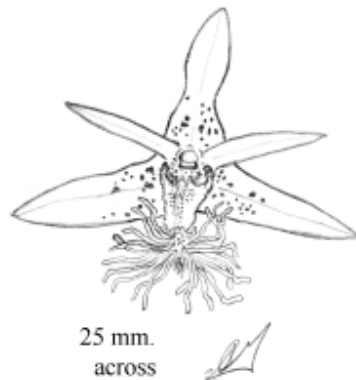
ephelota: freckled; spotted. cf. *Masdevallia ephelota*.

ephemera: see *ephemeral*. cf. *Pleurothallis ephemera*.

ephemeral: lasting only for a very short period of time. For us: *epi-*, ref. *epi-*: upon (for) + *hemera*: a day. Flowers often last only one day, or less. + See *fugacious*, *evanescent*.

Ephemerantha: P.F.Hunt & Summerh.1961: see *ephemeral* + flower. eg. *Ephemerantha comata*. syn. *Flickingeria comata*. Pers.coll., see sketch and notes.

Flickingeria comata (Blume) A.D.Hawkes.



Fairly common ex PM.PNG. I liked one of the synonyms: *Ephemerantha thysanochila* which freely trans. as: "ephemeral (one day) flower with fringed lip" (perfect!). Note, the threads on the labellum are of tissue and are not hairs. An odd plant, when very young looks like a *Dendrobium* of the section *Latouria*, but as it grows the stems branch apically and continue to do so (the term for this: see heteroblastic). I include some extracts from my old notes:-

First found ex Rouna #2, May '70, then Eilogo July '70 and Subitana. Checked: Flora of Malaya p266 and Aust.Indigenous Orchids p314.

Variations in size of plants + colour of flowers. One form ex Eilogo, etc., has chocolate coloured stems, very dark leaves, larger flowers with better markings + plant is strong and erect when mature. Those from Rouna #2 were weaker in all respects + the plant had the habit of becoming very pendulous as they grew larger.

Frustrating trying to learn the "correct name", as over the years kept finding different names:-

Ephemerantha thysanochila, *E. comata*, *E. fimbriatolabella*, *E. theionochila*, *Dendrobium thysanochilum*, *D. fimbriatolabellum*, *D. fasciculatum*, *D. comatum*, *D. criniferum*, *D. zollingerianum*, ***Desmotrichum*** *comatum*, *D. fimbriatolabellum*, *D. criniferum*, *D. scopia*, ***Callista*** *comata*. These are all now synonymous to *Flickingeria comata*.

ephemerum: see ephemeral. cf. *Dendrobium papilioniferum* var. *ephemerum*. syn. *D. crumenatum* (and they do only last a day). See sketch and notes at "C".

Ephippianthus: Rchb.f.1868: cf. *ephippion*: saddle + flower. Ref. the lip. ex n.east Russia to Japan, eg. *Ephippianthus sachalinensis* Rchb.f.

ephippilabia: saddle + lip. cf. *Mormodes ephippilabia*.

ephippioideus: descwd.: saddle(-d) + resembling. The word was in a description and ref. to the lip and lobes, likened to an old-fashioned (horse's) saddle.

Ephippium: Blume 1835: ref. *ephippion*: a saddle. Refs. to the labellum. syn. *Bulbophyllum Thouars*.

ephippium: as *Ephippium*. cf. *Bulbophyllum ephippium*. syn. *B. blumei*.

Ephippium: ref. *ephippion*: saddle.= *Bulbophyllum* section.

epi-: used in compwds.: on; upon; over; in addition to; above; added to, etc.

x *Epibarkiella*: auct. On the syn. list, cf. *Barkeria* x *Epidendrum* x *Nageliella*.

epibator: see *epi-*+ ref. *batos*: thorn-bush; bramble, etc.+ suffix: relative to (there are some prickly-looking projections?). cf. *Lepanthes epibator*.

Epiblastus: Schltr.1905: see *epi-*+ ref. *blastos*: shoot; bud; sprout. ex New Guinea, eg. *Epiblastus basalis*.

Epiblema: R.Br.1810: see *epi-*+ ref. *blema*: some kind of cover, likened to a blanket, etc. One ref. says it's one word: a cover; patch (?), which could ref. to the column wings. But, also ref. *bleme*: deformity, as the description refs. to the clavate tipped appendages of the labellum. eg. *Epiblema grandiflorum* (: grand + flower. Not "large", but very beautiful). Noted as monotypic and endemic to West.Aust.

x *Epibrassonitis*: auct. On the syn. list, cf. *Brassavola* x *Epidendrum* x *Sophronitis*.

x *Epibroughtonia*: auct. On the syn. list, cf. *Broughtonia* x *Epidendrum*.

Epibulbon: see *epi-*+ bulb.= *Bulbophyllum* section.

epibulbon: see *epi-*+ bulb. cf. *Bulbophyllum epibulbon*.

Epicalcar: I was going to lit.trans.this, but it's not to do with a spur (-*calcar*). It's listed as coined from *epi-*+ *Mediocalcar*. = *Mediocalcar* section, distinguished by the pseudobulbs., growing one on top of the other (see *epi-*: upon; on top [of], etc.).

x *Epicatonia*: auct. On the syn. list. cf. *Broughtonia* x *Cattleya* x *Epidendrum*.

x *Epicattleya*: Rolfe. On the syn. list. cf. *Cattleya* x *Epidendrum*.

epichil, *epichile*, *epichilium*: not sure which is correct, have seen many refs. to each.: The outer part of a labellum when it obviously has two or three distinct parts, or segments. (+ See *hypochil*, *mesochil*).

epichloedal: technical term: of, or growing on bark (of trees, shrubs). When I first started, I read this as "... epichloedal species" and, of course I had no idea what it meant (bet, I'm not alone either!). It definitely wasn't in the glossary, so had to grab a dictionary, of which I have three, not there either, most frustrating! It's easy if you know the language, however, this is one of the major reasons for this "Vocabulary".

epichysiochilum: see *epi-*+ ref. *chysis*: molten; melted + lip. cf. *Saccolabium epichysiochilum*. syn. *Tuberolabium sarcochiloides*.

Epicladium: Small 1913: see *epi-*+ ref. *klados*: twig; shoot; sprout; branch, etc. Possibly refs. to adventitious growths; a "keikie", see "K". syn. *Prosthechea*.

Epicranthes: Blume 1825. One ref. explained it as, *epikritikos*: determining + flower. Another says, that it refs. to the small appendages at the petals: like sensory nerve fibres. My interpretation: *epicr-*+ *anthes*. Ref. *epikrion*: a sail-yard (: side arm of a mast) + flower. Alluding to a petal (as the mast) and the paleae (as the sail-yard[s] of the mast). eg. *Epicranthes flavofimbriata*. syn. *Bulbophyllum flavofimbriatum*.

epicranthes: as last entry. cf. *Bulbophyllum epicranthes*.

Epicrianthes: as *Epicranthes*. = *Bulbophyllum* section.

epicrianthes: see *Epicranthes*. cf. *Bulbophyllum epicrianthes*.

Epicrianthus: Blume 1828, see *Epicranthes*. syn. *Bulbophyllum* Thouars.

Epidanthus: L.O.Williams 1940: *Epid-* could be ref. *epidemia*: stay; visit, (implies: lasting).

Or, ref. *epidemos*: (of) a quantity; common. Or, ref. *epidosis*: a giving; growth; enlargement (?) + flower. syn. *Epidendrum* L.

epidavrensis: from Epidavros (: Palaiá Epidhavros), an eastn. coastal town of Argolis

Prov., Peloponnensus Region, Greece. cf. *Ophrys* x *epidavrensis* G.Erbele 1966.

x *Epidella*: auct. On the syn. list, cf. ***Epidendrum*** x *Nageliella*.

epidendraea: freely trans.: (of) those being upon trees (: epiphytic). cf. *Eulophia epidendraea*.

Epidendreae: *Epidendrum* + suffix denotes it's a tribe.

epidendricum: lit. trans.: upon + tree + an action, or belonging to, inferring it grows on trees (?). ex sthn. Brazil, cf. *Cypripedium epidendricum*. syn. *Eulophia alta*.

Epidendrinae: *Epidendrum* + suffix denotes it's a subtribe.

Epidendroideae: *Epidendrum* + suffix denotes it's a subfamily.

epidendroides: *Epidendrum* + resembling. cf. *Eulophia epidendroides*.

Epidendropsis: Garay & Dunst.1976: *Epidendrum* + see *-opsis*: appearance. syn. *Epidendrum* L.

epidendropsis: *Epidendrum* + appearance. cf. *Dendrobium epidendropsis*.

Epidendrum: L.1763 (some sources say he first desc. it 1737?). See *epi-*: upon + *dendron*: tree. ex Ecuador, eg. *Epidendrum acrorhodum*.

epidendrum: upon + tree (: epiphytic?). + See comments at *epiphytica*, *dendrophila*. cf. *Crepidium epidendrum*. syn. *Malaxis epiphytica*.

epidermis: *epi-*: upon + *derma*: skin. A general term for an outer surface. + See cuticle.

x *Epidiacrium*: auct. On the syn. list. cf. *Diacrium* x ***Epidendrum***.

Epidorchis: Thouars 1809, ex Madagascar. Many refs. say it's a contraction for: upon + tree + orchid. Also possible, is ref. a contraction of *epidemos*: common + orchid. syn. *Mystacidium* Lindl.

Epidorkis: Thouars 1809. ex Madagascar. This is probably the contraction for: upon + tree + orchid (see *Epidorchis*), as it's listed as synonymous to *Dendrobium* and there are not many of them in Madagascar.

epigeal: I don't know why this word doesn't get the recognition it deserves. Ref.

epigaeus: upon the earth. + Can be: slightly above the ground. Could apply to many "terrestrials" growing in leaf litter (see *ruderalis*), on the forest floor, their roots not penetrating the substrate. See sketch and notes at "J, jewel orchid". + See Hemicr.

Epigeneium: Gagnep.1932: see *epi-*+ ref. *geneion*: chin. Noted as ref. to the mentum (: chin, see "M"). ex Java to Sumatra, eg. *Epigeneium cymbidioides*.

epigenous: ref. *epigenus*: growing on the surface.

x *Epiglottis*: auct. On the syn. list. cf. ***Epidendrum*** x *Scaphyglottis*.

epiglottis: see *epi-*+ tongue. cf. *Pleurothallis epiglottis*.

x *Epigoa*: auct. On the syn. list. cf. *Domingoa* x ***Epidendrum***.

x *Epilaelia*: auct. On the syn. list. cf. ***Epidendrum*** x *Laelia*.

x *Epilaeliocattleya*: auct. On the syn. list. cf. *Cattleya* x *Epidendrum* x *Laelia*.

x *Epilaeliopsis*: auct.1957. The name is from the parents. Listed as a monotypic cross of *Epidendrum* x *Laeliopsis*, ex the Dominican Republic. eg. x *Epilaeliopsis yumanensis* Withner 1971.

x *Epileptovola*: auct. On the syn. list. cf. *Brassavola* x *Epidendrum* x *Leptotes*.

epilith: seldom used. Another word for a lithophyte: grows on rock (etym., see *epilithica*).

epilithica: *epi-*: upon + *lith-*, ref. *lithos*: rock; stone + suffix: an action: grows on rock. + See *epilith*, lithophyte. cf. *Stelis epilithica*.

epilosum: I was pronouncing this as *epi-*+*-losum* and couldn't find any sensible way to explain it. Then I realised it's simply, ref. *e-*+ *pilosum*: not hairy. cf. *Bulbophyllum latibrachiatum* var. *epilosum*.

Epilyna: Schltr.1918. Listed as coined from *Epidendrum* and *Evelyna* (a synonym of *Elleanthus*), as it seemed to have characteristics of both. ex Ecuador, eg. *Epilyna embreei* Dodson 1994.

x *Epimicra*: auct. On the syn. list. cf. *Epidendrum* x *Tetramicra*.

x *Epiopsis*: auct. On the syn. list. cf. *Cattleyopsis* x *Epidendrum*.

epipactidea: *Epipactis* + resembling. cf. *Habenaria epipactidea*.

Epipactis: Zinn 1757, nom.cons.: ref. *epipaktis*: hellebore (info. see *Helleborine*). There's obviously a likeness, as see the specep. for the example. ex nth. Africa, Europe to China, eg. *Epipactis helleborine* (: like hellebore).

epipactoides: *Epipactis* (or, *Helleborus*, see *Helleborine*) + resembling, cf. *Thelymitra epipactoides*. Noted as endemic to sthn. Aust.

Epipactum: Ritg.1831, see *Epipactis*. syn. *Epipactis*.

Epiphanes: Blume 1825: see *epi-*+ ref. *phaneros*: visible. eg. *Epiphanes javanica*. syn. *Gastrodia javanica* (Blume) Lindley 1840. + See next entry.

Epiphanes: Rchb.f.: as last entry. syn. *Didymoplexis* Griff.

epiphanoides: see *Epiphanes* + resembling. cf. *Eulophia epiphanoides*.

Epiphora: Lindley 1836: see *epi-*+*-phora*: bearing. eg. *Epiphora pubescens*. syn. *Polystachya pubescens*.

x *Epiphronitis*: A.D.Hawkes. On the syn. list. cf. *Epidendrum* x *Sophranitella*.

epiphylla: see *epi-*+ leaf. cf. *Habenaria epiphylla*. syn. *H. glaucophylla*.

epiphyta: see epiphyte, and/or, see *epi-*+ ref. *phyton*: plant (?). cf. *Lankesterella epiphyta*.

epiphyte: upon + plant. Adopted for general use for any plants, that grow on trees, bushes, shrubs, etc. Note, orchids are not parasites and take nothing from the host.

epiphytica: epiphytic, + see epiphyte. With the example, I give, the genus is mostly terrestrial, see comments at *dendrophila* (: tree loving, ref. *Macodes dendrophila*), perhaps a similar circumstance (?). cf. *Malaxis epiphytica*.

epiphyticum: as *epiphytica*. cf. *Crepidium epiphyticum*. syn. *Malaxis pseudoliparis*.

epiphyticus: epiphytic. cf. *Corybas epiphyticus*. An epiphytic *Corybas*? See comments at *dendrophila*, *epiphytica*.

epiphytum: *epi-*+ ref. *phyton*: plant. + See epiphyte. Listed as ex Minas Gerais, Brazil. cf. *Bulbophyllum epiphytum* Barb.Rodr.1877.

Epipogieae: *Epipogium* + suffix denotes it's a tribe.

Epipogiinae: *Epipogium* + suffix denotes it's a subtribe.

Epipogion: St.-Lag.1880: see *epi*-+ small beard. syn. *Epipogium* Borkh.

Epipogium: Borkh.1792: see *epi*-+ *pogon*: beard + suffix: dimin., or characteristic of (?). eg.

Epipogium roseum.

epipogium: see *Epipogium*. cf. *Satyrium epipogium*. syn. *Epipogium aphyllum*.

Epipogon: **Sw.**1814 and **Ledeb.**1852: see *epi*-+ beard. syn. *Epipogium* Borkh.

Epipogum: (S.Gmelin) Rich.1818. See *epi*-+ beard. syn. *Epipogium*.

epirotica: listed as Lat'd. spelling for place name: belonging to Epirus, a district of n.west

Greece. cf. *Ophrys epirotica* (Renz) Devillers-Tersch.& Devillers 1991. syn. *O.*

sphegodes ssp.aesculapii.

episcopalis: mostly taken as the one word, lit.: of, or relative to a bishop. This can infer:

being "dressed like a bishop", ie. the flowers are mostly red, or purple (or, both).

Can also be for some part(s) likened to a bishop's mitre (their special head-dress).

It's also possible to be: *epi*-+ *scopa* +-*alis*: upon + ref. *scopae*: broom; brush (as bristles, see *scopa*) + see *-ale*: relative to, etc. Which is perfectly logical, but most unlikely, as it's always noted as, for something to do with a bishop.

episcopalis: see last entry, here it's: "dressed like a bishop", for the beautiful colours. cf.

Ophrys episcopalis.

Epistephium: Kunth 1822: see *epi*-+ ref. *stephanos*: crown; wreath + dimin. ex Venezuela to Ecuador, eg. *Epistephium elatum*.

x *Epistoma*: auct. On the syn. list, cf. *Amblostoma* x *Epidendrum*.

Epithecia: Knowles & Westc.1838: see *epi*-+ see *theca*: a case; container, etc. Ref. the clinandrium. eg. *Epithecia panamensis* (Lindl.) Schltr. syn. *Dichaea panamensis*.

Epithecium: Benth.& Hook.f.1883, as *Epithecia*. syn. *Dichaea* Lindl.

epithet: + see specific epithet. An adjective, descriptive to a genus. With the binomial system of naming flora, the first word of the plant's name is the genus and the second word is the epithet or specific epithet (which I abbr. to: specep.). + See Linnaeus, specific name.

eptapiigiensis: for place name (+ from), only listed as ex the eastn. Aegean islands, Greece. cf. *Ophrys eptapiigiensis* Paulus.

equadoriensis: this should be for: from Ecuador. Noted the correct term for Ecuador is:

Aequatoria and the specep.: *aequatorialis*. cf. *Phragmipedium aequadoriensis*.

equestre: lit.trans. as: of (horse-) riding; cavalry; equestrian; rider, etc. + See equitant. cf.

Cleisostoma equestre.

equestris: to do with riding; of a horse,etc. as it's one of the "donkey orchids" (: a common name). cf. *Diuris equestris*.

equi-: used in combwds., ref. *equalis*: equal. Same; even; equal; like; more or less identical.

equicalceolata: see *equi*-+ small shoe + suffix: like; having. Or, *equi*- could be for *equus*, which would make the specep.: having, or like a small horse-shoe (?). cf.

Lepanthes equicalceolata. + Of interest, see *hippocrepiferum*.

equilateral: see *equi*-+ see lateral: equal sided.

equitans: riding, see equitant and ref. the leaves. cf. *Oberonia equitans*.

equitant: descwd., ref. *equitans*: riding. In a description was: equitant leaves, so I was looking for part(s) of a horse, or a horseman. Applies to leaves, or organs overlapping and it appears the upper part is riding on the lower.

equitantifolia: equitant leaves. cf. *Briegeria equitantifolia*.

equitantifolium: equitant leaves. cf. *Epidendrum equitantifolium*. syn. *Briegeria equitantifolia*.

equivestigium: see *equi*-+ see vestigial: trace, etc. cf. *Bulbophyllum equivestigium*.

eradicate: *e*-+ see radicate: without roots. eg. eradicate tuberooids.

erebatensis: listed as ex Venezuela, have only the one ref.: Santa María de **Erebato** (+ from), a village of Bolivar state. cf. *Pleurothallis erebatensis* Carnevali & G.A.Romero 1993.

erecta: erect. Ref. the erect hood-like labellum. cf. *Cryptostylis erecta*. Noted as endemic to eastn. Aust.

erectiflora: erect + flower. cf. *Gomesa erectiflora*. syn. *Caucaea radiata*.

erectifolium: erect + leaf. cf. *Dendrobium erectifolium*.

erectifolius: erect + leaf. cf. *Monanthos erectifolius*. syn. *Dendrobium erectifolium*.

erectilabium: erect + lip. cf. *Dendrochilum erectilabium*.

erectiusculus: descwd.: erect + suffix: somewhat erect.

erectocalcarata: erect + spurred. cf. *Diaphananthe erectocalcarata*. syn. *Rhipidoglossum rutilum*.

erectocalcaratum: erect + spurred. cf. *Angraecum erectocalcaratum*. syn. *Rhipidoglossum rutilum*.

erectopatens: erect + see *patenti*:-: opening; spreading. cf. *Dendrobium erectopatens*.

Erectorostrata: Brieger 1975: erect + see *rostrate*: beaked, etc. syn. *Pleurothallis* R.Br.

erectum: ref. *erectus*: erect, as opp. to others that are pendent. cf. *Mediocalcar erectum*. syn. *M. bifolium*.

erectus: erect; upright. cf. *Plectorrhiza erectus*.

eremaea: maybe ref. *eremaios*: gentle; quiet. Also, ref. *eremia*: wilderness; desert; solitude + of. Probably for its lonely, semi-arid bush habitat. cf. *Microtis eremaea*. Noted as endemic to West Aust.

eremicola: ref. *eremia*: solitude, etc.+ resident; dweller (+ see *eremaea*). cf. *Microtis media* ssp.*eremicola*. Noted as endemic to West Aust.

Eremorchis: D.L.Jones M.A.Clem.2002: see *eremaea*; *eremicola* + see *-orchis*. syn. *Pterostylis* R.Br.

erepsis: cover; roof. cf. *Lepanthes erepsis*.

ergo: descwd. ref. *ergo*: therefore; as a consequence; because of, etc.

Eria: Lindley 1825: of wool, ref. *erion*: wool, for the wool-like hair that many of this genus have. I've found them on trees, rocks and on the ground. In PM.PNG., an old joke: if you weren't sure, call it an *Eria*! They were almost so common. eg. *Eria eriaeoides*.

eria: of wool; wooly. cf. *Ceratostylis eria*.

eriae: wooly (or, of an *Eria*). cf. *Dendrobium eriae*. syn. *Eria eriaeoides*.

eriaeflora: *Eria* + flower. Flower likened to an *Eria*, see next entry. cf. *Callista eriaeflora*.
syn. *Dendrobium eriaeflorum*.

eriaeflorum: *Eria* + flower. cf. *Dendrobium eriaeflorum*. In the description there isn't any mention of hair, so the flowers were probably likened to some species of *Eria*.

eriaeoides: *Eria* + resembling. It's listed that it was initially desc. as a *Dendrobium* likened to an *Eria* (: *Dendrobium eriaeoides* F.M.Bailey 1888). cf. *Eria eriaeoides*. Noted as endemic to nth. Qld., Aust.

Eriaxis: Rchb.f.1877: wooly + axis (: flower stem). Noted as monotypic ex New Caledonia. eg. *Eriaxis rigida*.

ericaceous: of, like, belonging, or relative to heath. Ref. the genus *Erica*, of *Ericaceae*: the heath family.

ericetorum: ref. *erike*: heath + suffix: habitat; place of growth. Lives on heathlands (and moors). cf. *Dactylorhiza maculata* ssp.*ericetorum*.

ericiflorum: ref. *erike*: heath + flower(s). cf. *Mediocalcar ericiflorum*. syn. *M. paradoxum* ssp.*latifolium*.

ericifolia: see ericaceous, or ericoid + leaf. cf. *Glomera ericifolia*.

ericksonae: listed for orig.coll., author, botanist, authority and talented bot. artist, Mrs.Frederica ("Rica") Lucy Erickson (+ of). cf. *Caladenia* x *ericksonae* Nicholls 1950. A natcross of *C. cairnsiana* x *C. filifera*.. Noted as endemic to West.Aust.

ericoid: seen in discussions, (+ see ericaceous). *Erica* + like; resembling, eg. ericoid leaves: (mostly) implying they are tough, like heath. Some orchid species can have other organs, parts, or flowers which authors allude to be ericoid in form.

ericophila: *Erica* (: heath, see ericaceous) + loves. As this species is a terrestrial, perhaps it likes to grow under, or in the close vicinity of heath bushes. cf. *Cynorkis ericophila*.

ericosma: heath (see ericaceous) + perfume. cf. *Microcoelia ericosma*. syn. *M. stolzii*.

ericssonii: listed for orig.coll., botanist E.Ericsson (+ of). ex Borneo, cf. *Bulbophyllum ericssonii* Kraenzl.1893. syn. *B. binnendijkii*.

Eriiae: *Eria* + suffix denotes it's a tribe.

eriiflora: wool + of + flower, or has a flower like an *Eria* (see *eriaeflorum*). cf. *Callista eriiflora*. syn. *Dendrobium eriiflorum*.

eriiflorum: as *eriiflora*. cf. *Dendrobium eriiflorum*. syn. *D. eriaeflorum*.

Eriinae: see *Eria* + suffix denotes it's a subtribe.

eriiformis: wooly, or *Eria* + form. cf. *Forbesina eriiformis*. syn. *Eria appendiculata*.

erimae: for place name: of **Erimahafen***, Astrolabe Bay, east coast PNG. cf. *Zeuxine erimae* Schltr.1905. *Note, the -hafen is ex German: port; harbour.

erinacea: see erinaceous. Ref. the ovary. cf. *Pleurothallis erinacea*.

erinaceous: for anything to do with a hedge-hog. Ref. *erinaceus*: hedge-hog (-like).
Mostly infers: spiky; bristly, alluding to the quills.

erinaceum: see erinaceous. Ref. the small soft spikes covering the inflo. cf. *Bulbophyllum erinaceum*.

erinaceus: see erinaceous. cf. *Sarcanthus erinaceus*.

erio-: used in compwds., (mostly) ref. *erion*: wool. + Infers: wooly; wool-like; woolen.

eriocampa: wooly + ref. *kampe*: caterpillar. cf. *Lepanthes eriocampa*.

eriocarpum: wooly + fruit (capsule). cf. *Dendrobium eriocarpum*.

Eriochilos: Spreng.1826: wooly + lip. syn. *Eriochilus* R.Br.

Eriochilum: Ritgen 1831: wooly + lip. syn. *Eriochilus* R.Br.

eriochilum: wooly + lip. cf. *Genoplesium eriochilum*. Noted as endemic to NSW., Aust.

Eriochilus: R.Br.1810: wooly + lip. eg. *Eriochilus dilatatus*, ex sthn. West.Aust.

eriochilus: wooly + lip. cf. *Sarcochilus eriochilus*. syn. *S. ceciliae*. Noted as endemic to eastn. Aust.

Eriochylus: Steudel 1840: wooly + lip. syn. *Eriochilus*.

Eriodes: Rolfe 1915: ref. *Eria* + resembling. Or, could be: wool + like, but it's listed that it was likened to an *Eria*. Monotypic ex Bhutan to Indo-China, eg. *Eriodes barbata*.

Eriodea: Griff. 1848: *Eria*, or wool (?) + resembling. syn. *Eriodes*.

erioides: *Eria*, or wool (?) + resembling. cf. *Bulbophyllum erioides*.

Eriopexis: (Schltr.) Brieger 1981. See next entry. syn. *Dendrobium* Sw.

Eriopexis: wooly + comb. Has a hairy pad down the centre of the lip.= *Dendrobium* section.

eriopexis: see *Eriopexis*. cf. *Dendrobium eriopexis*.

eriophora: wool + bearing. cf. *Schiedeella eriophora*.

eriopsidobulbon: wooly + appearance + like + bulb. cf. *Eria eriopsidobulbon*.

Eriopsis: Lindley 1847: *Eria*, or wooly (?) + appearance. ex Colombia, eg. *Eriopsis rutidobulbon*.

eriose: very wooly; an abundance of wool. Have only seen this used the once and it's not in my bot. listings, nor is it in my Eng. dictionaries. Maybe the author unconsciously made it up?, because it looks and sounds correct and I knew very well what he meant. I never doubted the validity of the word and was only double-checking my explanations, as usual, to ensure I am as correct as possible. I took it to be: ex *erion*: wool + ref. -*osa*: full of; plenty; an abundance, etc.

eriestomum: wooly + mouth; opening. cf. *Satyrium eriestomum*. syn. *S. parviflorum*.

Erioxantha: Raf.1832: wool + yellowy-brown. syn. *Eria* Lindl.

Eriura: wool + tail, or ref. *erion* + see -*ura*: woolen (?).= *Eria* section. syn. *Eria* section *Mycaranthes*.

ermelensis: from Ermelo city, and/or ref. a nearby small town, New Ermelo, both of Mpumalanga Prov., Sth. Africa. cf. *Disperis ermelensis* Rolfe 1913.

erminea: ref. *ermineus*: whitish; white like the fur of an ermine (: an animal like a stoat, or weasel), perhaps a flower, or the plant has some white hair (?). As this species is listed to be endemic to West.Aust., also ref. a local landmark, **Erminea** Waterhole. cf. *Caladenia x erminea* Hopper & A.P.Br.2001.

ernesti: noted that the owner, R.J.Measures of Camberwell, Eng., requested the specep. for his son, Ernest. ex Mexico (?), cf. *Oncidium stelligerum* var. *ernesti* Williams.

ernestii: listed for Ernst Ule, see *Uleiorchis*. ex Guyana, cf. *Habenaria ernestii* Schltr.1914.

ernesti-ulei: my refs. list his given name as Ernst (?), see *Uleiorchis* ("Ule's orchid"). ex Brazil, cf. *Habenaria ernesti-ulei* Hoehne 1937.

ernstii: of Ernst Wrede, info. see *wredeanum*. ex Venezuela, cf. *Habenaria ernstii* Schltr.1919.

eros: lit., love. Or, with these authors, is probably for “beauty” and refs. to Gk.myth., Eros (Roman: Cupid, see *cupidon*): god of Love. cf. *Lepanthes eros* Luer & R.Escobar.

erosa: see *erose*. cf. *Thelymitra erosa*. Noted as endemic to Tas., Aust.

erose: ref. *erosus*: eaten away. Having organs, or parts appearing as if gnawed, or chewed, esp. at the apices.

erosilabia: see *erose* + lip. cf. *Octomeria erosilabia*.

erosilabium: *erose* + lip. cf. *Oncidium erosilabium*. syn. *Caucaea erosilabia*.

erosipetala: *erose* + petals. cf. *Osyricera erosipetala*. syn. *Bulbophyllum erosipetalum*.

erosipetalum: *erose* + petals. cf. *Bulbophyllum erosipetalum*.

erostellata: not + beaked, or the same as *erostelle* (+ see *-ata*: like; having, etc.). cf.

Spiranthes ovalis var. *erostellata*.

erostelle: cf. *Dendrobium erostelle*. Because they are listed as self-pollinating, I take it as, *e-*: without + see *rostellum*, which I noted is a major factor in autogamy (self-pollination). + See *selfing*, *dehiscent*.

erostrata: not + beaked. cf. *Habenaria erostrata*.

erostris: without + beak. cf. *Beclardia erostris*. syn. *B. macrostachya*.

erosula: as *erosulum*. cf. *Eria erosula*.

erosulum: *erose* + dimin.: slightly *erose*. cf. *Pteroceras erosulum*.

erosum: *erose*. cf. *Dendrobium erosum*.

erosus: *erose*. cf. *Odontorrhynchus erosus*.

Erporkis: Thouars 1809: *erp-*, ref. (*h*)*erpein*: to creep + orchid. syn. *Platylepis* A.Rich.

errabundum: ref. *errare*: to wander + suffix, see *-bunda*. Also listed as one word, ref.

errabundus: wandering. cf. *Bulbophyllum errabundum*. syn. *B. orbiculare* ssp. *cassideum*.

errant: ref *errare*: to wander. Wandering away (from), eg. *errant* species; deviating from normal; variable. *Errant* growth: growing away from the plant when there seems to be no reason to do so. Same as *adventitious* growth. + See *aberrant*.

erraticum: ref. *erraticus*: roving; wandering about. cf. *Chrysoglossum erraticum*. syn. *C. ornatum*.

erratum: lit.: mistake; error. Or (more likely), ref. *erratus*: wandered; strayed, for its normal wandering habit. cf. *Bulbophyllum erratum*. Trivium: *erratum* (+ *errata*: plural) is also a literary term, which an author uses to point out and rectify a mistake in a text.

erubescens: almost made this unnecessarily complicated, as I noted when discussing colours, it simply means: blushing; rosy. cf. *Bulbophyllum erubescens*.

eruca: caterpillar. Can also be colewort: a kind of cabbage (also, kale), of the family, *Brassicaceae*. cf. *Lepanthes eruca*.

erucatum: see *eruca* + suffix: like; having. cf. *Oncidium erucatum*.

erucifera: see *eruciferum*. cf. *Disperis erucifera*.

eruciferum: caterpillar + bearing. cf. *Bulbophyllum eruciferum*. syn. *B. coniferum*.

erucosa: see *eruca* + see *-osa* (: like a caterpillar?). cf. *Pleurothallis erucosa*.

Erycina: Lindley 1853: simply implies “beauty” (another of his names for a lovely myth. lady). In ancient Sicily, the goddess *Erycina* (: another name for Aphrodite [Roman: Venus], the goddess of Love & Fertility), lived on Mt. Eryx (: Monte San Giuliano), westn. tip of Sicily. ex Mexico, eg. *Erycina echinata*.

x *Erydium*: auct. On the syn. list, cf. ***Erycina* x *Oncidium***.

erymnochila: ref. *erymnos*: enclosed; fenced + lip. cf. *Pleurothallis erymnochila*.

erythraeae: listed as Lat’ d. spelling: of Eritrea, eastn. Africa. cf. *Lissochilus erythraeae* Rolfe 1897. syn. *Eulophia streptopetala*.

erythraeum: see *erythro-*: red + suffix: (colour) resemblance. cf. *Cymbidium erythraeum*.

erythrium: as *erythraeum*. cf. *Pleurothallis erythrium*. syn. *P. phyllocardioides*.

erythro-: used in compwds., ref. *erythraios*: reddish; *erythros*, *erythrinos*: red. Mostly: “red”, in general, as can be many shades.

erythrocarpa: red + fruit (capsule). cf. *Calcearia erythrocarpa*. syn. *Corybas erythrocarpus*.

erythrocarpum: red + fruit (capsule). cf. *Dendrobium erythrocarpum*. Noted as endemic to Papua, Indon.

erythrocarpus: red + fruit (capsule). cf. *Corybas erythrocarpus*.

erythrocephala: red + head. cf. *Polystachya erythrocephala*.

erythrochaete: red + bristles. cf. *Dracula erythrochaete*.

erythrochila: red + lip. cf. *Caladenia erythrochila*. Noted as endemic to West. Aust.

erythrochilum: red + lip. cf. *Bulbophyllum erythrochilum*. syn. *B. simile*.

erythrochrysea: red + gold + of. cf. *Oreorchis erythrochrysea*.

erythrocles: red + suffix: the feature. cf. *Lepanthes erythrocles*.

erythrocodon: red + bell. cf. *Dracula sodiroi* ssp. *erythrocodon*.

erythroconcha: red + (mussel) shell. Alluding to the flowers. cf. *Pterostylis erythroconcha*.

Noted as endemic to Sth. Aust.

Erythodes: Blume 1825: red + like (reddish?). ex New Guinea, eg. *Erythodes bicalcaratus*.

Erythrodinae: *Erythodes* + suffix denotes it’s a subtribe.

erythrodoides: *Erythodes* + resembling. cf. *Goodyera erythrodoides*.

erythroglossa: red + tongue. cf. *Cryptostylis erythroglossa*. syn. *C. arachnites*.

erythroglossum: red + tongue. cf. *Dendrobium erythroglossum*. syn. *D. falconeri*.

erythrogramma: red + written (upon), or red + writing (?). cf. *Pleurothallis erythrogramma*.

erythronioides: red + resembling. cf. *Encyclia boothiana* var. *erythronioides*. syn. *Prosthechea boothiana*.

erythropogon: red + beard. Ref. hairs at the labellum keels. cf. *Dendrobium erythropogon*.

erythropollinia: red (reddish) + see pollinia. cf. *Aeranthus erythropollinia*. syn.

Rhipidoglossum xanthopollinium. Of interest, one says they are reddish and the other, yellowy-brown.

erythropollinium: same as *erythropollinia*. cf. *Mystacidium erythropollinium*. syn.

Rhipidoglossum xanthopollinium.

Erythrorchis: Blume 1837: red + see orchid. eg. *Erythrorchis cassythoides*. Noted as endemic to eastn. Aust.

erythrosma: is listed as such, but is possibly an error for *erythrosoma*. As it is, it means:

red + smell; perfume. To give the benefit of the doubt, it could mean it’s red and

also has a perfume. But then, there wouldn't be any official listing for *Glomera erythrosoma*, which I got from a book, whereas I haven't ever noted *erythrosma* before. cf. *Glomera erythrosma* (*erythrosoma*?).

erythrosoma: red + body; flesh. cf. *Glomera erythrosoma* Blume 1825.

erythrostachyum: red + spike; bunch, etc. cf. *Bulbophyllum erythrostachyum*.

erythrostanga: *erythros*: red + *tanga* (?). Have only the one ref., ie. *tangos*: a rotten abscess, and/or: sour; rancid (so, it's "red" and smells bad?). ex the Dominican Republic, cf. *Lepanthes erythrostanga*.

erythrosticta: red + ref. *stiktos*: dotted; spotted, etc. cf. *Eria erythrosticta*.

erythrostictus: as *erythrosticta*. cf. *Cylindrolobus erythrostictus*. syn. *Eria erythrosticta*.

erythrostigma: red + ref. the stigma, or for a spot; mark, etc. cf. *Epidendrum erythrostigma*.

erythrostyla: red + see style (: column). cf. *Cyperorchis erythrostyla*. syn. *Cymbidium erythrostylum*.

erythrostylum: red + column. cf. *Cymbidium erythrostylum*.

erythroantha: red + yellowy-brown. cf. *Acineta erythroantha*.

erythroxanthum: red + yellowy-brown. cf. *Dendrobium erythroxanthum*. syn. *D. bullenianum*.

erythrura: red + tail, or could be: red + see *-ura*: reddened (?). cf. *Aerangis erythrura*.

erythrurum: as *erythrura*. cf. *Angraecum erythrurum*.

erytroglossa: red + tongue. cf. *Calanthe erytroglossa*. syn. *C. herbacea*.

esalqueana: listed as an acronym (+ belonging to), taken from and ref. to the Escola de Agricultura Luiz de Queiroz, an agricultural college, of São Paulo, Brazil. cf. *Sophronitis esalqueana* (Blumensch.ex Pabst) Van den Berg & M.W.Chase 2000.

escalerensis: for place name (+ from), only listed as ex Peru. Noted, villages in four different Departments (admin. divisions), in some way, called "Escaler". cf. *Kefersteinia escalerensis* D.E.Benn.& Christenson 1994.

-escens: suffix used in combwds.: tending to; becoming. It implies the organ, part, or group under discussion, hasn't fully achieved complete resemblance. The English equiv. is "-ish". eg. *brunnescens*: brownish; becoming brown.

eschscholtziana: listed for botanist, naturalist and author, Johann Friedrich Gustav von Eschscholtz (1793-1831). Descs. accr. to him are abbr. to: Eschsch. ex Canada and nthn. USA., cf. *Diphryllum eschscholtziana* (Cham.& Schltdl.) Kuntze 1891. syn. *Listera convallarioides*.

eschscholziana: as *eschscholtziana*. cf. *Neottia eschscholziana* (Cham.& Schltdl.) Steud.1841. syn. *Listera convallarioides*.

escifera: ref. *esca*: food + see *-fer*: bearing. There weren't any clues for the reasoning to this specep., in the description, or the discussion. I think it could be a fanciful allusion to the small flowers, with the large leaf underneath, likened to a plate with some food on it (?). cf. *Lepanthes escifera*. Of interest + see *inescata*.

escobariana: listed for Gilberto Escobar (+ of, belonging to, etc.). Phytologist, author and authority on orchids of the American tropics, esp. of Colombia. cf. *Sphyrastylis escobariana* Garay 1967. syn. *Ornithocephalus escobarianus*.

escobarianum: see *escobariana*. ex Colombia, cf. *Epidendrum escobarianum* Garay 1967.

escobarianus: see *escobariana*. ex Colombia, cf. *Ornithocephalus escobarianus* (Garay) Toscano & Dressler 2000.

escobarii: of Escobar. For phytologist and authority, R.Escobar, often noted as co-author with Dr.C.A.Luer (see *Luerella*). ex Colombia, cf. *Elleanthus escobarii* Dodson 1996.

esculentum: ref. *esca*: food + suffix, see-*ulenta*: plenty, etc. Is also listed as the one word ref. *esculentus*: can be eaten; edible. cf. *Epidendrum esculentum*. syn. *E. aciculare*.

eserre: without + ref. *serra*: a saw (: without serrations). cf. *Dendrobium eserre*. Noted as endemic to Thailand.

esetiferum: *e*-+-*seti*-+-*ferum*, freely trans.: not bearing bristles. cf. *Taeniophyllum esetiferum*. x *Esmenanthera*: Garay & H.R.Sweet. On the syn. list, cf. *Esmeralda* x *Renanthera*.

Esmeralda: Rchb.f.1862. Listed as ex Spanish for emerald, the gem-stone: a bright, deep, darker green. ex the Himalayas, eg. *Esmeralda cathcartii* (Lindl.) Rchb.f.

esmeralda: emerald-green, + see *Esmeralda*. cf. *Phalaenopsis esmeralda*. syn. *P. pulcherrima*.

esmeraldae: of, or those being (emerald-) green (noted, one synonym says dark green + see *Esmeralda*). Also, among other locations, it's listed as ex Ecuador, Venezuela, etc. where there are many places called Esmeralda (in some form). cf. *Mesadenella esmeraldae*. syn. *M. cuspidata*. + See next entry.

esmeraldae: for place name: of Esmeralda, listed as ex Ecuador. Noted quite a few places, having this name (in some form, or another). One worth noting is Volcán Chimborazo (a volcano, aka. **Esmeralda**). cf. *Pleurothallis esmeraldae* Luer & Hirtz 1996.

x *Esmeranda*: Vacherot. On the syn. list, cf. *Esmeralda* x *Vanda*.

espirito-sanctensis: Lat'd. spelling: from Espirito Santo state, Brazil. cf. *Masdevallia espirito-sanctensis* Pabst.

espiritasantense: as *espirito-sanctensis*. cf. *Cynoches espiritosantense* Brade 1942.

espirito-santensis: as *espirito-sanctensis*. cf. *Dryadella espirito-santensis* (Pabst) Luer 1978.

espiritu-santense: for place name (+ from), only listed as ex Bolivia. cf. *Epidendrum espiritu-santense* Dodson & R.Vásquez 1989.

esquirolei: listed for orig.coll., J.Esquirole (+ of). ex Guizhou Prov., sthn. China c1912, cf. *Paphiopedilum esquirolei* Schltr.1919.

esquirolii: as *esquirolei*. ex China, cf. *Liparis esquirolii* Schltr.1913.

estacensis: for place name (+ from). Listed (among other locations) as ex Spain. Noted three towns named Estacas, in Galicia, n.west Spain. cf. *Ophrys x estacensis* Soca.

estonica: belonging to the Republic of Estonia, n.east of Russia. cf. *Dactylorhiza x estonica* Jagiello & Kuusk 1989. syn. *D. x kelleriana*.

estradae: listed for Doña Estrada, reported as found growing in her garden. ex Colombia, cf. *Masdevallia estradae* Rchb.f.1874.

estre, *-estris*: used in combwds.: of, or relative to habitat; place of growth. eg. *campestre*.

estrellense: from Estrella (village) of Cartago Prov., Costa Rica. cf. *Epidendrum estrellense* Ames 1923.

estrellensis: from Estrella, only listed as ex s.east Brazil. Could ref. to Estrella (: Imbariê city), Rio de Janeiro state, or Estrella (: Estrela do Indaiá), a town of Minas Gerais state (?). cf. *Octomeria estrellensis* Hoehne 1938. + See next entry.

estrellensis: another entry as this is listed as ex Costa Rica, see *estrellense*. cf.

Chondrorhyncha estrellensis Ames 1923.

estriatum: not + see striate: lined, etc. cf. *Cymbidium estriatum*.

esuriens: a strange one and have only seen it on a list. Noted as the one word: lit., being hungry; desiring to eat (+ ref. English, esurient: desirous of eating, obviously taken from the Latin). Perhaps it looks as though it needs feeding, ie. it's a slender, skinny plant (?). cf. *Dendrobium esuriens*.

Etaeria: Blume 1825: ref. (*h*)*etairos*: companion; relation; friend + of. More info., see *Hetaeria*. eg. *Etaeria tenuis*. syn. *Hetaeria oblongifolia*.

Etairia: Rchb.f.1855, see *Hetaeria*. syn. *Hetaeria*.

et al: Lat. phrase often seen in lists and discussions, abbr. from, *et alia*: and others.

Sometimes other authors will abbreviate it even further to: & al.

ethelae: one major ref. noted that Sir Harry Bolus (see *bolusiana*) gave the specep. for his wife, Ethel (? + of). ex sthn. Africa, cf. *Bartholina ethelae* Bolus 1884.

ethnobotanical: listed as a modern coined word from, ethnology: (for us: of genera) + botanical: of Botany. Was in a discussion: "... an ethnobotanical study should be done".

ethnology: for cross-reference: the study which traces the origin and distribution of different races (of people). + Ref. an ethnologist.

etorum, *-etum*: used in combwds.: habitat; place of growth.

etrusca: ref. *etruscus*, listed as the correct specep.: to do with ancient *Etruria*, now Tuscany, Italy (+ ref. Etruscan). cf. *Ophrys* x *etrusca* E.G.Camus 1908.

etymology: ref. *etymon*: true meaning + ref. *logos*: discourse. Abbreviated to etym.: the study and search for the meanings of words and word-forms.

Eu-: (+ see *eu-*). Starting with a capital "E", denotes a sub-genus, section, or another genus (usually related, or closely resembling). *Eu-*, most often = truly (: very near to the type).

eu-: used in compwds.: well; good; true; well developed; agreeable; completely; thoroughly.

Euacoridium: see *Eu-*+ *Acoridium*. = *Acoridium* section.

Eu-Agrostophyllum: see *Eu-*+ *Agrostophyllum*. = *Agrostophyllum* section.

Euangraecum: see *Eu-*+ *Angraecum*. = *Angraecum* section.

euantha: see *eu-*+ flower. cf. *Eulophia euantha*.

Euanthe: Schltr.1914: see *eu-*+ flowers. Very famous and desirable, was *Vanda sanderiana* (see "S"). Listed as monotypic ex the Philipp., cf. *Euanthe sanderiana* (Rchb.f.) Schltr.1914.

euanthum: see *eu-*+ flower. cf. *Diplocaulobium regale* var. *euanthum*.

euanthus: see *eu-*+ flower. cf. *Lissochilus euanthus*. syn. *Eulophia cucullata*.

Euappendicula: see *Eu-*+ *Appendicula*. = *Appendicula* section.

x *Euarachnides*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Arachnis* x *Euanthe*.

euastrum: see *eu-*+ ref. *astron*: star. cf. *Odontoglossum* x *euastrum* Rchb.f. (syn.).

eublephara: see *eublepharon*. cf. *Phyllorkis eublephara*. syn. *Bulbophyllum eublepharum*.

eublepharis: see *eu-*+ eyelashes. Ref. the fimbriate sepals. cf. *Stelis eublepharis*.

eublepharon: see *eu-*+ see *blephari-*: eyelid; eyelashes. cf. *Ornithochilus eublepharon*. syn.

Ornithochilus difformis.

eublepharum: see *eublepharon*. cf. *Bulbophyllum eublepharum*.

Eubromheadia: see *Eu-*+ *Bromheadia*.= *Bromheadia* section.

Eu-Bulbophyllum: see *Eu-*+ *Bulbophyllum*.= *Bulbophyllum* subgenus. syn. *Schlechteria*.

Eu-Cadetia: see *Eu-*+ *Cadetia*.= *Cadetia* section.

Eucaladenia: see *Eu-*+ *Caladenia*.= *Caladenia* section.

Eu-Calanthe: see *Eu-*+ *Calanthe*.= *Calanthe* subgenus.

x *Eucentrum*: Garay & H.R.Sweet. On the syn. list, cf. *Ascocentrum* x *Euanthe*.

Eu-Ceratostylis: see *Eu-*+ *Ceratostylis*.= *Ceratostylis* section.

eucharis: *eu-*+ *charis*: true + grace; pleasure. cf. *Cypripedium* x *eucharis* Desbois.

Euchile: (Dressler & G.E.Pollard) Withner: see *eu-*+ lip. Has a unique and very beautiful labellum. ex Mexico, eg. *Euchile citrina*.

Euchile: as last entry.= *Encyclia* section.

Eu-Chitonanthera: see *Eu-*+ *Chitonanthera*.= *Chitonanthera* section.

euchlora: see *eu-*+ green. cf. *Ophrys aranifera* var. *euchlora*. syn. *O. sphegodes*.

euchroma: good + colour(s). cf. *Epidendrum euchroma*.

x *Euclades*: auct. On the syn. list, cf. *Eulophia* x *Oeceoclades*.

Eucnemis: Rchb.1841, see *Eucnemis*. syn. *Govenia* Lindl.

Eucnemis: Lindley 1833: see *eu-*+ ref. *cnemis*: leggings (more, see *Cnemidia*). syn. *Govenia* Lindl.

Eucosia: Blume 1825: see *eu-*+ ref. *kosmos*: ornament (: well ornamented), probably ref. to the leaves. syn. *Goodyera* R.Br.

Eucynoches: see *Eu-*+ *Cynoches*.= *Cynoches* section.

Eucymbidium: see *Eu-*+ *Cymbidium*.= *Cymbidium* section.

Eu-Dendrobium: see *Eu-*+ *Dendrobium*.= *Dendrobium* subgenus.

Eu-Dendrochilum: see *Eu-*+ *Dendrochilum*.= *Dendrochilum* section.

Eu-Dipodium: see *Eu-*+ *Dipodium*.= *Dipodium* section.

Euepipactis: see *Eu-*+ *Epipactis*.= *Epipactis* section.

Eu-Eria: see *Eu-*+ *Eria*.= *Eria* subgenus.

Eu-Galeola: see *Eu-*+ *Galeola*.= *Galeola* section.

Eugenanthe: *eu* + *gen* + *anthe*: well + born, or good + kind (?) + flower.= *Dendrobium* section.

eugenes: well-born. (Very beautiful and deserves a much grander specep). cf.

Odontoglossum x *eugenes* auct.1883. syn. *O. x wilckeanum*.

eugenii: for a given name of Prof. J.E.B.Warming, see *Warmingia*.+ It's noted he was the orig.coll., ex Brazil to Argentina, cf. *Warmingia eugenii* Rchb.f.1881.

Euglomera: see *Eu-*+ *Glomera*.= *Glomera* section.

euglossa: see *eu-* (probably: well developed) + tongue. cf. *Eulophia euglossa*.

Eu-Glossorhyncha: *Eu-*+ *Glossorhyncha*.= *Glossorhyncha* section. syn. *Glossorhyncha* section *Glossorhyncha* (?).

euglossum: see *eu-*+ tongue. cf. *Zygopetalum euglossum*. syn. *Zygopetalum intermedium*.

Eu-Gongora: see *Eu-*+ *Gongora*.= *Gongora* section.

Eu-Goodyera: see *Eu-*+ *Goodyera*. = *Goodyera* section.

Eu-Liparis: see *Eu-*+ *Liparis*. = *Liparis* section.

× *Eulocymbidiella*: auct. On the syn. list, cf. *Cymbidiella* × *Eulophiella*.

Eulophia: R.Br. ex Lindley 1821, nom.cons. See *eu-*+ ref. *lophos*: crest. Ref. the prominent crest, mid-lobe of the labellum. eg. *Eulophia guineense* Lindley.

eulophiae: (those) with good crest(s), or like a *Eulophia* (?). cf. *Tetramicra eulophiae*.

Eulophidiinae: *Eulophia* + resembling + suffix denotes it's a subtribe.

Eulophidium: Pfitzer 1887: see *Eulophia* + suffix: dimin., or characteristic of (?). eg.

Eulophidium pulchrum. syn. *Oeceoclades pulchra*.

Eulophiae: see *Eulophia* + suffix denotes it's a tribe.

Eulophiella: Rolfe 1891: see *Eulophia* + *-ella*: dimin. eg. *Eulophiella ericophila*. Noted, this genus is unique and endemic to Madagascar.

Eulophiinae: *Eulophia* + suffix denotes it's a subtribe.

eulophioides: see *Eulophia* + resembling. cf. *Geodorum eulophioides*.

Eulophiopsis: Pfitzer 1887: see *Eulophia* + *-opsis*: appearance. eg. *Eulophiopsis lurida*. syn.

Graphorkis lurida.

eulophota: as *eulophotum*. cf. *Callista eulophota*. syn. *Dendrobium indivisum*.

eulophotum: see *eu-*+ ref. *lophos* + suffix: well + crested. cf. *Dendrobium eulophotum*. syn.

Dendrobium indivisum.

Eulophus: R.Br.1821: good + crest, see *Eulophia*. syn. *Eulophia* R.Br.ex Lindl.

Eu-Malleola: see *Eu-*+ *Malleola*. = *Malleola* section.

eumeces: see *eu-*+ (of) length (: truly long?). cf. *Lepanthes eumeces*.

eumecocaulon: see *eu-*+ ref. *mekos*: (of) length + ref. *caulis*: stem; stalk: truly long stemmed. cf. *Pleurothallis eumecocaulon*.

Eumediocalcar: see *Eu-*+ *Mediocalcar*. = *Mediocalcar* section.

eumelinum: see *eu-*+ *melin-*: completely, or truly dark (?). cf. *Dendrobium eumelinum*.

eumicroscopica: see *eu-*+ *micro* + *scopica*: truly + small + (to be) seen. cf. *Hofmeisterella eumicroscopica*.

Eu-Microtatorchis: see *Eu-*+ *Microtatorchis*. = *Microtatorchis* section.

Eu-Nervilia: see *Eu-*+ *Nervilia*. = *Nervilia* section.

eungellensis: listed for place name: from Eungella N.Park, nth.Qld., Aust. cf. *Australorchis eungellensis* D.L.Jones & M.A.Clem.2002. syn. *Dendrobium schneiderae* var.*major*.

Noted as endemic to nth. Qld., Aust.

Eu-Notylia: see *Eu-*+ *Notylia*. = *Notylia* section.

euodes: haven't any ref., but because of its "correct name" (see *elegantula*), I'll speculate.

Ref. *eueides*: lovely; stylish (of beauty), etc. Although, it could be *eu-*+ *-odes*: truly resembling (another of its ilk?). cf. *Brassia euodes*. syn. *Ada elegantula*.

euosma: good + smell. cf. *Encyclia euosma*. syn. *E. ionosma*.

euosmum: good + smell. cf. *Epidendrum euosmum*. syn. *Encyclia ionosma*. Of interest, one says it smells good and the other: it smells like a violet (*ion-*+ *-osma*).

Euothonaea: Rchb.f.1852: *eu-*: good, etc. + ref. *othone*: sail, or good quality cloth. Refs. to the tepals. syn. *Hexisea* Lindl.

x *Eupapilanda* Garay & H.R.Sweet. On the syn. list, as the result of *Euanthe* x ***Papilionanthe*** x *Vanda*.

x *Eupapilio*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x ***Papilionanthe***.

Euphajus: see *Eu-*+ *Phajus* (see *Phaius*).= *Phaius* section.

euphlebia: see *eu-*: well, etc. + veined. cf. *Pteroglossa euphlebia*.

Euphlebiium: (Kraenzl.) Brieger 1981: well + veined. syn. *Dendrobium* Sw.

Euphlebiium: *eu-*+ ref. *phlebion*: well veined.= *Dendrobium* section.

euphlebiium: well + veined. cf. *Dendrobium euphlebiium*. syn. *D. spurium*.

euphlebius: well + veined. cf. *Cogniauxiocharis euphlebius*.

Eu-Pholidota: see *Eu-*+ *Pholidota*.= *Pholidota* section.

Eu-Phreatia: see *Eu-*+ *Phreatia*.= *Phreatia* section.

euphues: graceful; shapely. cf. *Dendrobium euphues*. syn. *D. cuthbertsonii*.

Eu-Pleione: see *Eu-*+ *Pleione*.= *Pleione* section.

Eu-Plocoglottis: see *Eu-*+ *Plocoglottis*.= *Plocoglottis* section.

Eu-Podochilus: see *Eu-*+ *Podochilus*.= *Podochilus* section.

x *Euporphyrantha*: Garay & H.R.Sweet. On the syn. list, as a result of *Euanthe* x ***Porphyrodesme*** x *Vanda*.

Eu-Prasophyllum: see *Eu-*+ *Prasophyllum*.= *Prasophyllum* section.

Eu-Preptanthe: see *Eu-*+ *Preptanthe*.= *Preptanthe* section.

Euproboscis: Wight 1852, see *eu-*: good, etc. + ref. *proboskis*: elephant's trunk; snout (+ ref. *proboscideus*: a snout-like organ, or part). For the operculum, or rostellum (?). cf.

Euproboscis pygmaea. syn. *Thelasis pygmaea*.

x *Eurachnis*: Choon. On the syn. list, cf. ***Arachnis*** x *Euanthe*.

eurorum: see *eurorus*. ex the Philipp., cf. *Flickingeria eurorum*.

eurorus: descwd.: of, or belonging to the east. Eastern.

eurostachys: see *eury-*: broad, etc. + *stachys*: spike (as, raceme). cf. *Eria eurostachys*.

eury-: used in combwds., ref. *eurys*: broad; wide.

euryale: broad; wide + like, etc. cf. *Cypripedium* x *euryale* H.J.Veitch.

euryandrum: broad + male. Ref. the anther. cf. *Cypripedium* x *euryandrum* Rchb.f.

x *Euryangis*: auct. On the syn. list. cf. ***Aerangis*** x ***Eurychone***.

euryantha: broad + flower. cf. *Sayeria euryantha*. syn. *Dendrobium euryanthum*.

euryanthe: broad + flowers. cf. *Eria euryanthe*. syn. *E. pachystachya* (: thick spike).

euryanthemum: broad + ref. *anthemom*: flower. cf. *Dendrobium euryanthemum*. Noted as endemic to PNG.

euryanthum: broad + flower. cf. *Dendrobium euryanthum*.

Eurycaulis: M.A.Clem. & D.L.Jones 2002: broad + stem; stalk. syn. *Dendrobium* Sw.

Eurycentrum: Schltr.1905: broad + spur. ex New Guinea, eg. *Eurycentrum obscurum*.

euryceras: broad; wide + horn. cf. *Eulophia bilamellata* var. *euryceras*. syn. *E. parviflora*.

eurychila: broad + lip. cf. *Polystachya eurychila*.

Eurychilae: (those) with (a) broad lip.= *Polystachya* section.

Eurychone: Schltr.1918: broad + ref. *choane*: funnel. Ref. the labellum. ex west Africa, eg.

Eurychone galeandrae.

eurycline: broad + ref. *kline*: bed; couch. Probably for the lip. cf. *Oncidium eurycline*.

eurygnatha: broad + ref. *gnathos*: jaw. cf. *Polystachya eurygnatha*.

x *Eurygraecum*: auct. On the syn. list, cf. *Angraecum* x *Eurychone*.

euryloba: broad + lobe. cf. *Eria euryloba*.

eurynogaster: ref. *euryno*: broaden (broadened?) + belly; stomach. ex Ecuador, cf.

Masdevallia eurynogaster.

x *Eurynosis*: auct. On the syn. list, cf. *Eurychone* x *Phalaenopsis*.

eurystoma: broad + mouth; opening. cf. *Habenaria eurystoma*. syn. *H. ochroleuca*. Noted as endemic to n.west Aust.

Eurystyles: Wawra 1863: broad + see style: column. ex the central Americas to Brazil, eg.

Eurystyles cotyledon.

Eu-Sarcochilus: see *Eu-*+ *Sarcochilus*. = *Sarcochilus* section.

eusepala: see *eu-*+ sepal. cf. *Polystachya eusepala*. syn. *P. bicarinata*.

euspatha: see *eu-*+ spathe. cf. *Laelia euspatha*. syn. x *Sophrocattleya schilleriana*.

euspathum: see *eu-*+ see spathe. cf. *Epidendrum euspathum*. syn. *E. lehmanii* Rchb.f.1878.

eustachya: see *eu-*+ ref. *stachys*: spike. cf. *Habenaria eustachya*.

eustachys: as *eustachya*. cf. *Liparis eustachys*. syn. *Crossoglossa tipuloides*.

eustachyum: as *eustachya*. cf. *Dendrobium eustachyum*. syn. *D. forbesii*.

Eustelis: see *Eu-*+ *Stelis*. = *Stelis* section. syn. *Stelis* section *Stelis*.

eustirum: see *eu-*+ ref. *stiria*: icicle. Probably ref. the column appendages (see stelidia). cf.

Epidendrum eustirum.

Eu-Taeniophyllum: see *Eu-*+ *Taeniophyllum*. = *Taeniophyllum* subgenus.

euterpe: freely tans.: truly delightful. cf. *Laelia* x *euterpe* Rchb.f. (syn.).

euxanthinum: see *eu-*+ *xanthinum*: a yellowy-brown. cf. *Oncidium euxanthinum*. syn.

Oncidium varicosum.

euxina: was listed as: ex the Black Sea region, Europe, with no further info. Did some reading and the Romans called the sea: *Pontus Euxinus*, or *Euxinum Mare*, so the specep. is very apt and clever. cf. *Dactylorhiza euxina* (Nevski) Czerep.1981.

Eu-Zeuxine: see *Eu-*+ *Zeuxine*. = *Zeuxine* section.

evaginatum: not + sheathed. Noted, it was compared to *Dendrobium aphyllum*. cf.

Dendrobium evaginatum.

evanescens: as evanescent. cf. *Caladenia evanescens*. Noted as endemic to West.Aust.

evanescent: ref. *evanescens*: fading quickly; soon vanishing; only lasting a very short time. + See ephemeral, fugacious.

evansii: of Evans. Listed for botanist and author, William Edgar Evans (1882-1963). ex Malaya, cf. *Bulbophyllum evansii* M.R.Hend.1927.

evasa: as *evasum*. cf. *Karorchis evasa*. syn. *Bulbophyllum evasum*.

evasum: ref. *evadere*: to come out; climb up; mount, etc. Could be for its creeping, climbing habit. Or ref. the raceme which "comes out", well away from the rhizome. cf. *Bulbophyllum evasum*. Noted as endemic to nth. Qld., Aust.

evectum: carried out; raised up; spread abroad. cf. *Epidendrum evectum*.

Evelyna; Poepp.& Endl.1836. Listed for English agricultural author, John Evelyn (1620-1660). ex Mexico to the central Americas. eg. *Evelyna capitata*. syn. *Elleanthus capitatus*.

everardii: listed for Sir Everard im Thurn. Info. see *imthurnii*. cf. *Microstylis everardii* Rolfe 1921. syn. *Malaxis imthurnii* (Rolfe) L.O.Williams 1938.

evergreen: opp. to deciduous. Doesn't drop leaves and stays green all seasons.

everted: ref. *e-*: out + ref. *vertere*: to turn: turned out; turned inside out.

Evota: Rolfe 1913: *ev-* (see *eu-*) + *ota*: ear(s). Refs. to the projections at the column apex. syn. *Ceratandra* Eckl. & F.A.Bauer.

Evotella: Kurzweil & H.P.Linder 1991: as *Evota* with an added dimin.: small. eg. *Evotella rubiginosa*, listed as monotypic to Cape Prov., Sth.Africa.

evrardi: of Evrard, listed for orig.coll., see *Evrardia*. ex Vietnam, cf. *Bulbophyllum evrardi* Gagnep.1930.

Evrardia: Gagnep.1932: listed for phytologist, Francois Evrard [+ of] (1885-1957), who collected in the Indo-China region. He amassed an impressive collection of flora, which he donated to the Paris Museum, France. syn. *Chamaegastrodia*.

Evrardiana: Aver.1988: belonging to Evrard, see *Evrardia*. syn. *Chamaegastrodia*.

Evrardianthe: Rauschert 1983: "Evrard's flower", see *Evrardia*. syn. *Chamaegastrodia*.

evrardianum: belonging to Evrard, see *Evrardia*. cf. *Angraecum evrardianum* Geerinck 1994. syn. *Triceratorhynchus viridiflorus*.

evrardii: of Evrard, see *Evrardia*. ex Vietnam, cf. *Oberonia evrardii* Gagnep.1929.

evvia: my only ref. is to Evvoia (: Euboea) island, off east coast Greece (?). On the syn. list, cf. *Ophrys* x *evvia* Riech.

ex-: used in combwds.: out; by; related to; out of; without; outside; away from, etc. + Can be an emphasis: very, etc.

ex: from; taken from. eg., *ex* Gk.: from the Greek language. *ex* Philipp.: from the Philippine Islands, etc.

ex: used with a person's name (or abbr.): described by. eg., R.Br. *ex* Lindley: submitted by Robert Brown and (initially) described by John Lindley. More, see author.

Exalaria: Garay & G.A.Romero 1999. Have to be vague with this, as there are too many possibilities. See *ex*+ see *alaris*. Listed as monotypic from north and n.west Sth.America. eg. *Exalaria parviflora*.

exalata: some refs. say, ref. *exaltatus*: not winged. But, see *ex*+ *alate*: winged, etc. cf. *Coelogyne exalata*.

exalta: raised aloft; high; lofty; on high. cf. *Corymbis exalta*. syn. *C. veratrifolia*.

exaltata: see *exaltatus*. cf. *Didactyle exaltata*. syn. *Bulbophyllum exaltatum*.

exaltatum: see *exaltatus*. Ref. the relatively long, upright, multi-flowered inflo. cf. *Bulbophyllum exaltatum*.

exaltatus: descwd.: highest; most eminent; most exalted. + Raised aloft; on high, etc.

examen-culicum: swarm + ref. *culex*; *culicis*: mosquito. A fanciful allusion to the raceme, likened to a (small) swarm of mosquitoes. cf. *Platystele examen-culicum* Luer 1976.

examinans: ref. *examen* + suffix: swarming; crowding. Probably for the crowded flowers. cf. *Cyrtorchilum examinans*.

examinis: swarm; crowd; mob. Listed for the plant's habit: has long slender, pendulous stems and each has many aerial growths (see *keiki*). This forms a cascading

tangled mass of stems, leaves and roots. (By an excellent photo', it sure is an impressive mess.) cf. *Epidendrum examinis*.

exappendiculata: see *ex-*+ *appendicula*: small appendages + like; having. cf. *Appendicula biumbonata* var. *exappendiculata*.

exappendiculatum; *ex-*: outside + having small appendages. Ref. the paleae attached to the outer surfaces of the floral segments. cf. *Bulbophyllum lemniscatoides* var. *exappendiculatum*.

exarticulata: see *ex-*+ see articulate: jointed, etc. cf. *Pleurothallis exarticulata*.

exasperata: looks familiar, but it's not exasperated, see *exasperatum*. cf. *Diothonea exasperata*. syn. *Epidendrum trachysepalum*.

exasperatoides: see *exasperatum* + resembling. cf. *Oncidium exasperatoides*.

exasperatum: *ex-*+ *asper* + *-atum*: out + rough + having: having rough outer surfaces. cf. *Bulbophyllum exasperatum*.

exauriculatum: see *ex-*+ see auriculate: small eared. cf. *Oncidium exauriculatum*. syn. *O. cheirophorum*.

excavata: *ex-*: out + see cavate: hollowed. Ref. the labellum, has two relatively large depressions. cf. *Malaxis excavata*.

excavatum: out + hollowed. Refs. to a hollow under base of lip. cf. *Oncidium excavatum*.

excedens: *ex-*+ *cedens*: going beyond; rising over; exceeding. cf. *Lepanthes excedens*.

excellens: outstanding; excelling. cf. *Odontoglossum* x *excellens* Rchb.f.1879.

excelsa: ref. *excelsus*: lofty; high; eminent. Listed as refs. to the plant's stature. cf. *Pterostylis excelsa*. Noted as endemic to Sth.Aust. and Vic., Aust.

excelsior: higher; loftier; more eminent. cf. *Masdevallia excelsior*.

excelsum: as *excelsa*. cf. *Satyrium excelsum*. syn. *Disa tripetaloides*.

excentrica: see. *ex-*+ *centr-*+ *-ica*, freely trans as: from, or out (of) the centre (*-ica*: the action). May be for the raceme arising from the centre of the plant (?). It's possible, it may also be as in English: eccentric (?) + see *eccentrica*. cf. *Kefersteinia excentrica*.

exchlorophyllata: see *ex-*+ *chloro-*: green + *phyll-*: leaf, or leaves + *-ata*: like; having. cf. *Octomeria exchlorophyllata*.

excisa: ref. *excisus*: cut out. cf. *Pleurothallis excisa*. syn. *P. rubens*.

excisum: cut out. cf. *Corycium excisum*.

excrescences: usually for glandular wart-like, or scale-like growths, which can secrete a fluid (often perfumed.+ See nectar).

excurrent: *ex-*: out + ref. *currere*: to run. Running out; projecting; extending beyond. Noted in a discussion: "... with the keel excurrent as an apicule".

exelliana: belonging to Exell. For phytologist and author, Arthur Wallis Exell (1901-1993). ex the Himalayas, cf. *Platanthera exelliana* Soó 1929.

exellii: of Exell, see *exelliana*. ex São Tomé and Príncipe (islands), cf. *Tridactyle exellii* P.J.Cribb & Stévant 2004.

Exeria: Raf.1836: *ex-*: out; outside + ref. *erion*: wool. syn. *Eria* Lindl.

exesilabia: ref. *exesus*, from *exedo*: to eat up; wear away; erode + lip. Noted the lip has a rounded surface opening which develops into a relatively large cavity within. cf. *Pleurothallis exesilabia*.

exigua: ref. *exiguus*: short; poor; small; meagre; weak; feeble. cf. *Spiranthes exigua*. syn. *Chamaegastrodia vaginata*.

exiguiflorum: as *exigua* + flower. cf. *Bulbophyllum exiguiflorum*.

exiguum: trifle + see *exigua*. cf. *Bulbophyllum exiguum*. Pers.coll., WoyWoy Bay, NSW. I couldn't find anything derogatory and thought it was delightful. Although I'm biased, being a sucker for miniatures. Noted as endemic to eastn. Aust.

exiguus: as *exigua*. cf. *Acianthus exiguus*. syn. *A. fornicatus*.

exile: see *exilis*. Ref. the fine hair-like peduncle. cf. *Bulbophyllum exile*.

exilicaule: see *exilis* + stem; stalk. cf. *Dendrobium exilicaule*.

exilifolium: see *exilis* + leaf. cf. *Epigeneium exilifolium*.

exilipes: see *exilis* + foot. cf. *Bulbophyllum exilipes*.

exilis: scanty; poor; lean; slender. cf. *Habenaria exilis*. Noted as endemic to Qld., Aust.

exiliscapum: see *exilis* + shaft; scape. cf. *Bulbophyllum exiliscapum*. syn. *B. flavescens*.

eximia: ref. *eximius*: unusual; uncommon; extraordinary. cf. *Lepanthes eximia*.

eximium: as *eximia*. cf. *Dendrobium eximium*.

eximum: reported to be the same as *eximium*. cf. *Dendrochilum eximum*.

exitela: ref. *exitelos*: weakening; fading. etc. cf. *Diuris exitela*. Endemic to Qld., Aust.

exo-: sometimes a prefix used in combwds.: out; outer; out of (or, from); lacking; without.

Exochanthus: M.A.Clem.& D.L.Jones 2002: ref. *exoche*: wart; protrusion; point. Or, may be ref. *exochos*: projecting; jutting out + flower. syn. *Dendrobium Sw*.

exogena: see *exo-* + born; kind; type: a stranger; outsider. cf. *Lepanthes exogena*.

exoleta: ref. *exoletus*: (has) reached maturity; fully grown; ripe, etc. Listed as a natcross of *Caladenia dimidia* x *C. roei*. cf. *Caladenia* x *exoleta* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

Exophya: Raf.1837: outer + ref. *phyas*: growth; shoot; bud. Refs. to the aerial growths, see *keiki*. syn. *Epidendrum* L.

exotic: ref. *exotikos*: from outside. Foreign; alien; not native (to where they are now). Hybrids are often, mistakenly labelled as "exotics".

exotica: see *exotic*. cf. *Lepanthes exotica*.

exotrachys: outside + roughness. Ref. the bristly, spiky outer surfaces of the raceme parts and flowers. cf. *Taeniophyllum exotrachys*.

expallidum: out + pale: pale outside. cf. *Bulbophyllum expallidum*.

expandata: out + stretched; spread. cf. *Eulophia expandata*.

expanded: sometimes used ref. to the flowers opening. eg. fully expanded: fully open.

expansa: ref. *expansus*: stretched out; spread out; wide. cf. *Encyclia expansa*.

expansion: the area where an organ, or part widens, from being narrow, eg., an expansion of the petals (after the point of insertion). Can also be called the blade (see "B").

expansum: see *expansa*. cf. *Catasetum expansum*.

expansus: see *expansa*. cf. *Corybas expansus*.

ex parte: Lat. phrase, *ex*: out of; from + *parte*, ref. *pars*, *partis*: part; side; share. The bot. usage is not as in Law. A good example is where one author takes some of another's information to clarify his own work and then acknowledges this author by quoting the name and refs. for same.

expers: without; free from; having no part in; not sharing. cf. *Masdevallia expers*.

explanata: see *explanate*. cf. *Eulophia explanata*.

explanate: ref. *explanatus*: flattened; spread out.

explanatus: *explanate*. cf. *Lissochilus explanatus*. syn. *Eulophia explanata*.

explant: the term for the minute piece of tissue taken for meristem culture.+ See meristem, sister cells, vegetative propagation.

exposita: ref. *expositus*: free; accessible; open. + Can mean: vulgar. cf. *Lepanthes exposita*.

exquisita: as *exquisitum*. cf. *Masdevallia exquisita*.

exquisitum: ref. *exquisitus*: sought out; choice; excellent. cf. *Bulbophyllum exquisitum*.

exsculptum: ref. *exsculptus*: chiselled; carved; pitted with small depressions (see *ex*+*sculptus*). cf. *Dendrobium exsculptum*. syn. *D. spegidoglossum*.

exserta: see *exserted*. cf. *Epipactis exserta*. syn. *Acianthus exsertus*. + See next entry.

exserta: see *exserted*. Listed as a natcross of *Caladenia longicauda* x *C. uliginosa*. cf. *Caladenia* x *exserta* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

exserted: pushed forward; protruding. + Appearing to be squeezed out from an enclosing part or group.

exsertus: see *exserted*. Ref. the column. cf. *Acianthus exsertus*. Endemic to eastn. Aust.

extaminodium: *ex*-: without + see *staminodium* (: *staminode*). cf. *Phragmipedium extaminodium*.

extant: in existence; still existing; not lost, or destroyed. Listed as an Eng. adaption of *ex*: out + *stare*: to stand.

extensa: as *extensum*. cf. *Orchis extensa*. syn. *Dactylorhiza incarnata*.

extensum: ref. *extensus*: stretched; extended. Refs. to the rhizome, between well spaced pseudobulbs. cf. *Bulbophyllum extensum*. syn. *B. kaniense*.

extinctoria: the only ref. I found was to *extinctoris*: destroyer; extinguisher; annihilator. Strong words for an odd and pretty little plant! Could mean: destroyed, for the odd appearance of the pseudobulbs. Instead of being conical they look as if stepped upon and are quite markedly flattened. But (much) subsequent reading later, found it's probably, *ex*-: out (: outside) + ref. *tingtorius*: dyed; of dyeing: (as if) dyed on the outside. Ref. to the flowers. cf. *Eria extinctoria*.

extinctoriformis: see *extinctoria* + form (kind); shape. Again, could ref. to "destroyed", for the roots are extremely flat. cf. *Chiloschista extinctoriformis*.

extinctorium: as *extinctoria*. cf. *Dendrobium extinctorium*. syn. *Eria extinctoria*.

extorris: see *ex*+ *torris*: flaming torch; firebrand. cf. *Ophrys* x *extorris* Soó 1929.

extra-: used in combwds.: on the outside; away from; apart from; not part of; not belonging to; beyond; besides. eg. extra-floral: outside of, or not part of the flower.

extraria: see *extra*+ see *-are*: relative to, etc. cf. *Miltonia spectabilis* var. *extraria*.

extra-axillare: see *extra*-+ *axilla*: axil + suffix: relative to: outside, or not from an axil. cf.

Dendrobium extra-axillare.

extremiorientalis: farthest; outermost + east; eastern + of: of the Far East. Listed as ex far east Russia (to nthn. Japan), cf. *Platanthera extremiorientalis* Nevski 1935.

extricata: ref. *extricatus*: freed. cf. *Cattleya* x *extricata* J.González (syn.).

exul: exile; banishment. Maybe it was in “exile” ie., it’s place of origin was not given, or was uncertain. cf. *Paphiopedilum exul*.

exuperei: for place name, ref. (Saint-) Exupère (+ of), only listed as ex Vietnam. cf.

Chiloschista exuperei (Guillaumin) Garay 1972.

eylesii: listed for botanist, Frederick Eyles (1864-1937). ex Malawi, Africa, cf. *Eulophia eylesii* Summerh.1937.

ezcaraiensis: from Ezcaray (village), La Rioja, nthn.central Spain. cf. *Ophrys* x *ezcaraiensis* C.E.Hermos & Soca.

ezechiasi: listed for the given name of phytologist, Ezechias Paulo Heringer (more, see *heringeri*). cf. *Pleurothallis ezechiasi* Hoehne 1946. syn. *P. grobyi*.

f.: seen after an author's name (or, abbr. of it), ref. *filius*: son. The son has followed his father in a bot. career, so "f." is added to differentiate between them. eg. *Dendrobium johannis* Rchb.f. The "f." shows it was described by H.G.Reichenbach, the son of H.G.L.Reichenbach. More on them, see "R".

Fabaceae: an entry for cross-reference. Ref. *faba*: bean + the suffix *-aceae*, denotes the rank of "family" (see rank). Now refs. to the pea and bean family of plants, as the name was changed (was *Leguminosae*, see "L").

faberi: listed for orig.coll., botanist F.Faber (+ of). ex Mt.Tientai, Zhejiang, China, cf. *Cymbidium faberi* Rolfe 1896.

fabio Barrosii: listed for phytologist, Fabio Barros (+ of). ex Brazil, cf. *Pleurothallis fabio Barrosii* Borba & Semir 2000.

facetum: ref. *facetus*: fine; elegant; of quality; pleasant. cf. *Odontoglossum sceptrum* var.*facetum*.

facies: form; face. The word is seen in discussions and means: general superficial appearance; overall aspects, etc. eg. "Its *facies* and habit are the same as ...".

facifera: as *faciferum*. cf. *Ceraia facifera*. syn. *Dendrobium faciferum*.

faciferum: ref. *facile*: easily; readily; pleasantly +-*ferum*: bearing. cf. *Dendrobium faciferum*.

fafnir: had this in the "too hard basket" for a long time. Ref. Norse myth., Fafnir: a dragon who guarded the Nibelungs' treasure until it was slain by Sigurd. + It compliments the genus. cf. *Dracula fafnir* Luer 1993.

fageticola: noted as refs. to *Fagus*: a beech (and other trees, of the family *Fagaceae*) + resident; dweller. As this species is a terrestrial, see comments at *nothofagicola*; *nothofageti*. cf. *Epipactis phyllanthes* var.*fageticola*. syn. *E. phyllanthes*.

fairfaxii: listed for J.Fairfax, editor of The Sydney Mail (newspaper). Recognised for his assistance to authors in publishing new species. cf. *Dendrobium teretifolium* var.*fairfaxii* (F.Muell.& Fitzg.) F.M.Bailey 1883. Noted as endemic to eastn. Aust.

fairrieana: as *fairrianum*. cf. *Cordula fairrieana* (Lindl.) Rolfe 1912. syn. *Paphiopedilum fairrianum* (Lindl.) Stein. + See next entry.

fairrianum: cf. *Paphiopedilum fairrianum* (Lindley) Stein 1892. Listed for R.Fairie of Liverpool, Eng., first to flower it c1856. The spelling has always been controversial, Fairie, or Fairrie (the official listing is *fairrianum*, but this doesn't prove the man's name). Noted a sad circumstance to this species. A German mercenary, Ignatz F.Foerstermann (see *foerstermannii*), the orig.coll., spent many months in Assam, n.east India and consigned many thousands of them to his employers, Sander & Co., Eng. nurserymen. From these only a very minute percentage survived the trip! I don't doubt this statement, but it is sickening when you think of a mercenary's policy in those days, was to take the lot and destroy everything else, to maintain the secrecy of the location and their company's exclusiveness.

falax: a typ.error (?), see *fallax*. cf. *Polystachya falax* (which is not on the official listing).

falc-, *falci-*, *falco-*: used in combwds., ref. *falx*: a sickle; small scythe. For any organ, or part likened to the shape (usually without handle), see *falcate*. Sometimes can

ref. to a bird of prey (or, parts of one, eg. beak, talons), ref. *falco*: hawk; falcon, etc.(+ see raptor).

falcago: sickle (+ see *falc-*) + like. cf. *Masdevallia falcago*.

falcata: see falcate. cf. *Caladenia falcata*. Noted as endemic to West.Aust.

falcate: ref. *falx*,+ see *falc-*: a sickle + suffix: sickle-like; sickle-shaped. ie., Broad at the base, "C" curved and tapering gradually to a point (usually for the blade only).

falcatiloba: falcate + lobe. cf. *Pleurothallis falcatiloba*.

falcatipetala: falcate + petals. cf. *Disperis falcatipetala*.

falcatoaudatum: falcate + tailed. cf. *Bulbophyllum falcatoaudatum*.

falcatopetala: falcate + petals. cf. *Habenaria falcatopetala*.

falcatula: as falcate with an added dimin.: like, or having a small sickle. Or, slightly falcate (?). cf. *Eria falcatula*.

falcatum: falcate. cf. *Dendrobium falcatum*.

falcatus: falcate. cf. *Sarcochilus falcatus*. Noted as endemic to eastn. Aust.

falcibracteum: sickle + bract + like, etc. cf. *Bulbophyllum falcibracteum*.

falcicalcarata: *falci*-+ *calcar* +-*ata*: sickle + spur + having; like. cf. *Orchis patens* ssp. *falcicalcarata*. syn. *O. spitzelii*.

falcicorne: sickle + horn. cf. *Oncidium falcicorne*. syn. *O. pictum*.

falcicornis: sickle + horn. Possibly ref. the spur. cf. *Habenaria falcicornis*.

falcifera: sickle + bearing. cf. *Lepanthes falcifera*.

falciferum: sickle + bearing. cf. *Bulbophyllum falciferum*.

falcifolia: sickle + leaf. cf. *Oberonia falcifolia*.

falcifolium: sickle + leaf. cf. *Bulbophyllum falcifolium*.

falciform: sickle + form; shape. Not seen very often, mostly the word used is falcate.

falciforme: as falciform. cf. *Pomatocalpa falciforme*. syn. *P. tonkinense*.

falciformis: sickle-shaped. cf. *Bilabrella falciformis*. syn. *Habenaria falcicornis*.

falcigera: sickle + see -*gera*: bearing. cf. *Cymbidiella falcigera*.

falciloba: sickle + lobe. cf. *Habenaria falciloba*.

falcilobum: sickle + lobe. cf. *Thrixspermum falcilobum*. syn. *T. subulatum*.

falcipetala: sickle + petals. cf. *Pleurothallis falcipetala*. syn. *Trichosalpinx pergrata*.

falcipetalum: sickle + petals. cf. *Dendrobium falcipetalum*.

falcisepalum: sickle + sepal. cf. *Epidendrum falcisepalum*.

falconeri: listed for phytologist and authority, Hugh Falconer (1808-1865). Director of the Calcutta Bot. Garden. Descs. accr. to him are abbr. to: Falc. ex India, cf. *Dendrobium falconeri* Hook.f.1856.

falcorostra: sickle + ref. *rostrum*: beak. Ref. the hooked tip the of labellum. cf. *Tropilis falcorostra*. syn. *Dendrobium falcorostrum*. Noted as endemic to eastn. Aust.

falcorostre: sickle + beak. cf. *Dendrobium falcorostre*. syn. *D. falcorostrum*.

falcorostris: sickle + beak. cf. *Callista falcorostris*. syn. *Dendrobium falcorostrum*.

falcorostrum: sickle + beak. Also likened to a falcon's beak, as ref. the hooked tip of the labellum. cf. *Dendrobium falcorostrum*. Noted as endemic to eastn. Aust.

falculicorne: a contraction of small sickle + horn. cf. *Bulbophyllum falculicorne*.

falklandica: belonging to the Falkland Islands. cf. *Chloraea falklandica* Kraenzl.1910.

fallax: false; deceptive; deceitful. cf. *Appendicula fallax*.

fallens: is ex *fallax* + suffix: lying; deceiving, etc. cf. *Cyrtorchilus fallens*. syn. *C. diceratum*.

falsiloquum: ref. *falsiloquus*: deceiving; lying. Maybe because it's such a simple plant, not much was expected of it and the panicle inflo. usually has over 100 rather small, but very beautiful flowers. cf. *Epidendrum falsiloquum*. syn. *E. paniculatum*.

falsum: ref. *falsus*: cheat; deceive; lie. cf. *Epidendrum falsum*. syn. *E. megalospathum*.

familiaris: lit., of a household, or family. Maybe there was a small population of them (?). cf. *Microtis familiaris*. Noted as endemic to s.west Aust.

family: a rank in the taxonomic hierarchy superior to sub-family and subordinate to sub-order (+ see rank). Usually denoted by the suffix *-aceae*. Often the title is used incorrectly, eg. if you're talking about *Dendrobium*, it's not "the family" (of), it's the genus *Dendrobium* or the sub-tribe *Dendrobiinae*, or the tribe *Dendrobieae*. All of which belong to the **family**: *Orchidaceae*. Quite a mouthfull, but necessary if you're in elite company.

fanaticum: ref. *fanaticus*: mad; fanatic, etc. ex China, cf. *Paphiopedilum x fanaticum* Koop. & N.Haseg. 1992.

fancy epithet: see "C", cultivar name.

fanjingensis: as *fanjingshanense*. cf. *Rhomboda fanjingensis* Ormerod 1995.

fanjingshanense: from Fanjing Shan (-shan-: mtn.), of Guizhou Prov., China. cf. *Dendrobium fanjingshanense* Z.H.Tsi ex X.H.Jin & Y.W.Zhang 2001.

fanniniae: listed for orig.coll., Mrs.G.Fannin (+ of). Noted as ex Cape Prov., South Africa, cf. *Disperis fanniniae* Harv. 1863.

fantastica: of course I said: fantastic, but it's ref. *fantastikos*: weird; odd; very strange. cf. *Liparis fantastica*.

fantasticum: as *fantastica*. cf. *Thrixspermum fantasticum*.

faradjensis: for place name: from Faradje, a town of eastn. Orientale, Congo (DRC.), Africa. cf. *Lissochilus faradjensis* De Wild. 1919. syn. *Eulophia livingstoneana*.

farallonense: for place name (+ from), only listed as ex Colombia. cf. *Epidendrum farallonense* Hágsater 1999.

farcta: ref. *farctus*: cram; jam (into); stuff (full). cf. *Eulophia farcta*. syn. *E. nyasae*.

fargesii: listed for orig.coll., botanist P.Farges (+ of). ex Sichuan Prov., China, cf. *Calanthe fargesii* Finet 1900.

-faria, *-farium*, *-farius*: a suffix used in combwds. to multiply in numbers, or parts, etc. eg. *bifaria*, see *bifarius*.

farinaceous: descwd., ref. *farina*: ground corn; meal; flour + suffix: like, etc. Floury; dusty; as if having a fine dust-like powdery coating. + Can be: starchy.

farinatum: floury; dusty + like, see **farinaceous**. cf. *Dendrobium farinatum*.

farinifera: as *fariniferum*. cf. *Ada farinifera*.

fariniferum: flour; dust + bearing. + See **farinaceous**. cf. *Diplocaulobium fariniferum*.

farinosa: see **farinose**. cf. *Eria farinosa*.

farinose: can mean the same as **farinaceous**, but, mostly: covered with fine, small, dust-like hair. Of a surface, having the appearance of being floury; dusty.

farinosum: see **farinose**. cf. *Epidendrum farinosum*.

farinulentum: flour; dust + an abundance; plenty, etc. cf. *Bulbophyllum farinulentum*.

farmeri: of Farmer. Listed for noted grower, W.G.Farmer of Cheam, Eng., first to flower it. ex the Himalayas, cf. *Dendrobium farmeri* Paxton 1849.

farrago: medley; miscellany; mixture. cf. *Lepanthopsis farrago*. Trivium: orig. ex Latin, *farrago*: mixed fodder, for livestock.

farreri: listed for botanist and orig.coll., Reginald John Farrer [+ of] (1880-1920), ex nthn. Burma (Myanmar). cf. *Bulbophyllum farreri* (W.W.Sm.) Seidenf.1974.

fasciata: see fasciate. ex the Philipp., cf. *Phalaenopsis fasciata* Rchb.f.1882.

fasciate: banded. As if bound by a fillet; sash, or bandage.+ Striped by having transverse bands. With colours, can be banded by a paler, or darker shade, or with another colour. + See zoned.

fasciation: A malformation where (mainly) stems fuse together, becoming flattened and bandage, or ribbon-like.

fasciatum: see fasciate. cf. *Bulbophyllum fasciatum*.

fasciatus: see fasciate. cf. *Stanhopea fasciatus*.

fascicle: ref. *fascis*: a bundle; packet; clump. A bundle, usually from the same source. A tight bundle of any organs: flowers, stems, roots, etc.

fascicola: a contraction: see fasciate, fascicle (?) + resident; dweller. cf. *Aeranthus fascicola*. syn. *Campylocentrum fasciculum*.

fasciculum: as *fascicola*. cf. *Campylocentrum fasciculum*.

fasciculata: see fasciculate. cf. *Thelymitra fasciculata* Fitzg.1888. syn. *T. cornicina*. Noted as endemic to West.Aust.

Fasciculata: (maybe an error and should be *Fasciculatae*?) see fasciculate.= *Dendrobium* section.

fasciculate: ref. *fasciculus*: small bundle + suffix: like; having, etc. Having a small bundle; gathered into a small fascicle.

fasciculatum: see fascicle, fasciculate. I questioned this, as how can a single scape with a single flower be "bundled"? Struggled through the Latin description and the plant has synchronous flowering. ie. Having multiple scapes, originating closely from the same area and are not spaced at any distance apart. So, there is a small bundle of them = fasciculate. cf. *Bulbophyllum fasciculatum*.

fasciculatus: see fascicle, fasciculate. cf. *Ascochilus fasciculatus*.

fasciculiferum: small bundle + bearing. cf. *Bulbophyllum fasciculiferum*.

fasciculiflora: small bundle + flowers. cf. *Stelis fasciculiflora*. syn. *Pleurothallis obovata*.

fascifera: bundle + bearing. cf. *Grobya fascifera*.

fasciferum: bundle + bearing. cf. *Oncidium fasciferum*.

fascinata: ref. *fascino*: bewitch; enchant; charm + suffix: like; having (being?). cf. *Microstylis fascinata*.

fascinatum: as *fascinata*. On the syn. list, cf. *Cypripedium* x *fascinatum* auct.

fascinator: lit.: bewitcher; one who casts magic spells (ex *fascinare*: to bewitch, etc.). cf.

Bulbophyllum fascinator. syn. *B. putidum* (: putrid). Have to comment: it's reported to have a dreadful smell, does it "bewitch" the blowflies?

fasciola: small bundle. cf. *Taeniophyllum fasciola*.

fasciolatum: small bundle + like; having. cf. *Cypripedium fasciolatum*.

fasciolum: small bundle. cf. *Limodorum fasciolum*. syn. *Taeniophyllum fasciola*.

fastidiosa: ref. *fastidiosus*: overly nice; almost too pretty. cf. *Diuris* x *fastidiosa* R.S.Rogers 1927. Noted as endemic to s.east Aust.

fastidious: fussy; hard to please. Difficult in cultivation, demanding constant attention.

fastigate, or *fastigiate*: have seen it both ways and both were ref. to *fastigium* (see this entry): acutely sloping up.

fastigatifolia: see *fastigium*, *fastigate* + leaves, cf. *Eria fastigatifolia*.

fastigatus: descwd., is nothing to do with *fastigate*. Listed as: eminent; high; esteemed.

fastigiata: see *fastigium* + like; having. cf. *Cynorkis fastigiata*.

fastigiatifolia: see *fastigium* + like; having + leaves. cf. *Trichotosia fastigiatifolia*.

fastigiatum: as *fastigiata*. cf. *Epidendrum fastigiatum*. syn. *E. secundum*.

fastigium: descwd.: apex of a gable. Having a cone-shaped bundle, pointing upward, tapering and narrowing to a point. + Can be: acutely sloped, see *fastigate*.

fastor: prouder; one who is proud; disdainful. Ref. *fastus*: disdain; arrogance; pride. cf. *Habenaria fastor*.

fastuosa: ref. *fastuosus*: proud; haughty (+ see *fastor*). Standing, or looking proud; treating others with contempt. cf. *Aerangis fastuosa*.

fastuosum: as *fastuosa*. cf. *Angraecum fastuosum*. syn. *Aerangis fastuosa*.

fastuosus: as *fastuosa*. cf. *Rhaphidorrhynchus fastuosus*. syn. *Aerides fastuosa*.

fatuum: ref. *fatuus*: silly; foolish. cf. *Bulbophyllum fatuum*. syn. *B. trifilum*.

faucisanguinea: ref. *fauces*: narrow channel; throat + of blood; bloody. Has a bloody throat, ie., "red" at the base of the lip and tepals. cf. *Schiedeella faucisanguinea*.

fauna: English adaption of *Fauna*, the sister of *Faunus*: Roman god of agriculture and cattle raising. A collective term for the animal life in a given area, or region.

faunula: a small *faun*. In Roman myth., a *faun* was a minor god, who lived in wooded areas and were supposed to be the protectors of shepherds. Noted as very similar in appearance, to the satyri (see *Satyrium*) of Gk.myth., but the *faunae** were good guys. *(*faunae*: plural of *faun*). This specep. is probably, simply another in the line of "little people, nymphs, tree spirits, fairies," etc., that many authors use. cf. *Bulbophyllum faunula*.

fausta: ref. *faustus*: auspicious; lucky. cf. *Prosthechea fausta*.

faustum: as *fausta*. cf. *Epidendrum faustum*. syn. *Prosthechea fausta*.

favillianum: belonging to Faville. cf. *Cypripedium* x *favillianum* J.T.Curtis 1932. Listed for S.W.Faville, ex Wisconsin, USA. An American amateur botanist who first noted it as a natcross, later determined to be *C. candidum* x *C. parviflorum* var. *pubescens*. syn. *Cypripedium* x *andrewsii* Fuller 1932.

favonium: ref. *favonius*, lit.: (of the) west wind. + Can be: west, westerly, etc. cf. *Prasophyllum favonium*. Noted as endemic to Tas., Aust.

favoris: favoured; fortunate. cf. *Prosthechea favoris*.

favosifolia: listed as ref. *favus*: honeycomb + leaf. Has a waxy leaf, or has small surface depressions in a honeycomb-like pattern (?). cf. *Pachyphyllum favosifolia*.

Fawcelepanthes: *Lepanthes* section, x Cogn.1910. A contraction of Fawcett + *Lepanthes*, for phytologist and author, William Fawcett (1851-1926), of Jamaica. Was co-author with Alfred Rendle (see *Rendlepanthes*), of "Orchids of Jamaica" 1910.

fawcettii: of Fawcett, see *Fawcelepanthes*. Listed as ex the Cayman Isls., cf. *Dendrophyllax fawcettii* Rolfe 1888.

fayencensis: from Fayence, a town of Var, Provence-Alpes-Côte d'Azur, France. cf. *Ophrys* x *fayencensis* P.Delforge.

fecund, fecundate, fecundity: ref. *fecundus*: fruitful; productive; prolific; fertile; bountiful, etc.

fecundum: see fecund. cf. *Prasophyllum fecundum* R.J.Bates 1989. Noted as endemic to Sth.Aust.

feddeana: ex New Guinea, cf. *Eria feddeana* Schltr.1912. Noted as named in recognition of one of Dr.Schlechter's major publishers: *Fedde Repertorium, Beihefte.*+ Ref. the editor, Friedrich Karl Georg Fedde (1873-1942) + belonging to.

feddeanum: as *feddeana*. cf. *Epidendrum feddeanum* Kraenzl. syn. *Prosthechea vespa*.

fedtschenkoi: listed for botanist and author, Boris Alexeevich (or Alexjewitsch?) Fedtschenko [+ of] (1872-1947). ex the Mediterranean region to sthn.Turkmenistan, cf. *Orchis fedtschenkoi* Czerniak.1922. syn. *Anacamptis collina*.

feinbruniae: belonging to Feinbrun. For phytologist and author, Naomi Feinbrun (1900-1995). On the syn. list, cf. *Orchis* x *feinbruniae* H.Baumann & Dafni. and is noted as an *Ancamptis* hybrid.

feldwegiana: listed for botanist, O.Feldweg (+ belonging to) of Tübingen, Germany. cf. *Serapias feldwegiana* H.Baumann & Künkele 1989. syn. *S. orientalis*.

Felinae: ref. *felis* + suffix: (those) like a cat. Listed as a fanciful allusion to the flower.= *Lepanthes* subgenus *Marsipanthes* section *Felinae*.

felinus: of a cat; feline. ex Venezuela, cf. *Telipogon felinus* Rchb.f. Listed as a synonym, without the "correct name".

felipensis: from Felipe (village) on the Isthmus of Tehuantepec, Oaxaca state, Mexico. cf. *Habenaria felipensis* Ames 1910.

felis: a cat. Noted the flower was likened to a cat's face. cf. *Lepanthes felis*.

felis-lingua: cat's tongue. cf. *Pleurothallis felis-lingua*. syn. *P. saundersiana*.

felix: I was surprised, it lit. means: happy (+ very pleased; delighted, etc.). cf. *Dracula felix*.

fellowsii: listed for orig.coll., T.Fellows (+ of). cf. *Dendrobium fellowsii* F.Muell.1870. Noted as endemic to nth. Qld., Aust.

fenestrata: see *fenestratus*, fenestrate. Ref. the lip, at first glance, appears to be slotted. cf. *Corybas fenestrata*. Noted as endemic to New Guinea.

fenestrate: ref. *fenestra*: window + suffix: like; having, etc. In a discussion the nervation (or, venation) of the leaves was noted as: scalariform-fenestrate: ladder-shaped - window-like. + See *fenestratus*.

fenestratum: see *fenestratus*. cf. *Bulbophyllum fenestratum*.

fenestratus: descwd., ref. *fenestra*: window + see -*ata*: like; having. Often means: windowed, ie., having small openings. Can also be obliquely used to express

“clearness”. Sometimes for relatively large clear spots: like “windows” (+ see lenticel). Or, of venation where the veins criss-cross, which can also be described as tessellate, or scalariform (the gaps between the lines are known as areolae, see areola) and the resultant chequered pattern is likened to lots of little windows. + Can appear as relatively long, narrow, oblong-linear windows.

fenestratus: see last entry. Here: windowed. See explanation for *Cryptophoranthus*. cf. *Cryptophoranthus fenestratus*.

fenestrellatus: descwd., see *fenestratus* + an added dimin.: having, like, or with little windows.

fenzliana: belonging to Fenzl. For botanist and author, Eduard Fenzl (1808-1879), who introduced the genus *Mormolyca*. ex Mexico, etc., cf. *Sobralia fenzliana* Rchb.f.1852. syn. *S. decora*.

fenzlianum: see *fenzliana*. cf. *Aerides fenzlianum* Rchb.f.1860. syn. *A. quinquevulnerum*.
fer, *-fera*, *-ferum*, *-ferus*: used in compwds., ref. *ferre*: to carry; bear. Carrying; bearing; producing. Mostly, I just say: bearing.

ferax: (also ref. *feracis*), productive; fruitful; fertile. cf. *Lepanthes ferax*.

ferdinandii: listed for famous phytologist, Baron Sir Ferdinand von Mueller. More info., see *muelleriana*. cf. *Habenaria ferdinandii* Schltr.1911. Noted as endemic to NT., Aust.

ferkoana: as *ferkoanum*. ex Madagascar, cf. *Habenaria ferkoana* Schltr.1918.

ferkoanum: for place name (+ belonging to), only listed as ex n.east Madagascar. cf. *Angraecum ferkoanum* Schltr.1918.

fern: a popular common name for many plants of the class *Filices*. Listed to have over 10,000 species in 12 families. They do not have flowers or seed and reproduce by spores (see “S”) and have a bot. common name of cryptogams (see “C”). They can be terrestrials, lithophytes, or epiphytes and are prized mainly for their fantastic leaves (: fronds). Wherever you think there may be an orchid growing, there will almost certainly be some kind of fern as well. + See pteridology.

Fernandezia: Ruiz & Pav.1794. Listed for Gregorio Garcia Fernandez, a Spanish physician and botanist. Noted as ex Venezuela to Ecuador, eg. *Fernandezia lanceolata*.

fernandeziana: listed for botanist and author, Francisco Javier Fernández Casas (b1945). Descs. accr. to him are abbr. to: Fern.Casas. ex sthn. Congo (DRC.), cf. *Eulophia fernandeziana* Geerinck 1990.

fernandezii: listed for phytologist and author, Z.Mayra Fernandez (b1948). ex Colombia, cf. *Pterichis fernandezii* G.Morales 1986.

ferox: fierce. Alluding to its spiky, prickle-like projections. cf. *Taeniophyllum ferox*.

ferrequinoides: iron + five + resembling. Probably ref. the tepals. Or, could even be alluding to the shape of a five-iron golf club (well, why not? There’s a lot of more stranger things than this, throughout the text). cf. *Ophrys bertolonii* var.*ferrequinoides* Balayer 1986.

ferrierensis: from Ferrière. Probably for where it flowered in cultivation, possibly ref. Ferrière (: Ferrière-la-Grande), a town of Nord, Nord-Pas-de-Calais, France. cf. x *Vandopsis ferrierensis* auct.1931 (syn.).

ferruginea: rust colour, see *ferrugineus*. cf. *Caladenia ferruginea*. Noted as endemic to West.Aust.

ferruginescens: see *ferrugineus* + suffix: becoming rusty-brown. cf. *Bulbophyllum ferruginescens*. syn. *B. cylindrobulbum*.

ferrugineum: rusty-brown. cf. *Epidendrum ferrugineum*.

ferrugineus: a colour term: a rusty reddish-brown.

ferruginosus: descwd., ref. *ferrugineus* + see -osa: rust-like; full of rust; rusty (almost, entirely).

ferrum-equinum: I said: iron + horse-like. But, is listed as: iron + of a horse: a horse-shoe. Ref. the shape of the labellum speculum. cf. *Ophrys ferrum-equinum*. Of interest, see hippocrepiform.

Ferruminaria: Garay, Hamer & Siegerist 1994. Because this is syn. to *Bulbophyllum Thouars*, there wasn't a description. My only ref. is to *ferrumen* + of; like, etc.: as if glued; cemented.

fertilis: fertile; productive. cf. *Masdevallia fertilis*. syn. *M. campyloglossa*.

fertilizers: many authors of books aimed at the general public will give "how to" tips in their discussions of each plant and often include fertilising. Do remember the old adage: a little often, is far more beneficial than a lot, occasionally! + See TLC.

festatum: ref. *festus* + suffix: like. Festive; gay; festal. cf. *Odontoglossum festatum*. syn. *Cyrtorchilum aureum*.

festiva: ref. *festivus*: gaiety; joy; delight. ex Brazil, cf. *Miltonia x festiva* G.Nicholson 1886. syn. *M. x cyrtorchiloides*.

festucoides: ref. *festuca*: stem; stalk; straw + resembling. cf. *Epidendrum festucoides*.

festum: ref. *festus*: delightful; joyful, etc. On the syn. list, cf. *Cypripedium x festum* Hort.

fialhoensis: for place name (+ from), only listed as ex Rio Grande do Sul state, Brazil. cf. *Octomeria fialhoensis* Dutra ex Pabst 1959.

fibratum: see fibre + suffix: like; having. Ref. the fibre- like bristles at base of the pseudobulbs. See cataphylls, sclerenchyma. cf. *Bulbophyllum fibratum*.

fibri: ref. *fibrae*: of, or belonging to fibre(s). ex France, cf. *Epipactis albensis* var. *fibri*.

fibre: ref. *fibra*: fibre; thread. Refs. to fibres are seldom used, mostly you'll see words for thread, eg. *fili-*, *nema*, etc. + See cataphylls, sclerenchyma.

fibriate: ref. *fibra* + suffix: of; like, or having fibres; fibred. + See fibre.

fibrifera: fibre + bearing. cf. *Octomeria fibrifera*.

fibriform: having the shape, or form of a fibre; fibre-like. + See filiform.

fibrillose: having fine, fibre-like filaments, hairs, or bristles.

fibrinum: fibre + like, etc. cf. *Bulbophyllum fibrinum*.

fibrinus: fibre + like, etc. cf. *Hapalochilus fibrinus*. syn. *Bulbophyllum fibrinum*.

fibrosum: fibrous; with many fibres. cf. *Agrostophyllum fibrosum*.

fibulifera: ref. *fibula*: a clasp; buckle + bearing. cf. *Lepanthes fibulifera*.

fibuliformis: ref. *fibula*: a clasp; buckle + shaped. cf. *Porpax fibuliformis*.

ficalhoana: listed for botanist, Francisco Manoel Carlos de Mello de Ficalho (1837-1903). ex the Mediterranean area, cf. *Ophrys ficalhoi* J.A.Guim.1887. syn. *O. tenthredinifera*.

fichtenbergii: of Fichtenberg. From the given locations, may ref. to either of two towns, one of Brandenburg, the other of Baden-Württemberg (states), Germany. cf. *Orchis angustifolia* forma *fichtenbergii* Klinge 1893. syn. *Dactylorhiza traunsteineri* ssp.*traunsteineri*.

ficicola: ref. *ficus*: fig-tree + resident; dweller. cf. *Taeniophyllum ficicola*.

ficinioides: ref. *ficus*: fig; fig-like + resembling. Or, may be something was likened to *Ficinia*: a genus of Sth. African sedges (family: *Cyperaceae*, not orchids). cf. *Ceratostylis ficinioides* Schltr. Noted as endemic to New Guinea.

ficuzzana: belonging to Ficuzza, a town of Palermo, central westn. Sicily. cf. *Ophrys ficuzzana* H.Baumann & Künkele. syn. *Ophrys obaesa*.

-fida, -fidum, -fidus: used in combwds.: divided; cleft; split, etc. (ex *findere*: to cleave).

fide: Lat. phrase, was in a discussion of the distribution (of one species) and it was used as: "Guatemala (*fide* Schltr.)". I had a guess and said "according to". The nearest I can get is: "by the faith of", or ref. *fidus*: certain; sure; true, etc. and the "e", makes it: certainly, etc. Dr.Schlechter must have been confident that the plant came from Guatemala.

fidensis: for place name (+ from), listed as ex Rio de Janeiro state, Brazil. cf. *Sophranitis fidensis* (Pabst) Van den Berg & M.W.Chase 2000.

fidicularium: ref. *fidicula*: a small lyre (see *lyrate*) + like, etc. cf. *Cyrtorchilum fidicularium*.

Fieldia: Gaudich.1829. Listed for bot. author, Barron Field (1786-1846). He is also also noted as being an Aust. High Court judge. eg. *Fieldia lissochiloides*. syn. *Vandopsis lissochiloides* (this name's origin being a little complicated, see *lissochiloides*).

fieldingii: listed for Colonel Fielding (+ of), a British officer of the Indian Army. ex nthn. India, cf. *Aerides fieldingii* Lodd.ex E.Morren 1876. syn. *A. roseum*.

figaro: as this is a synonym and without further info., may be just a fanciful name. Possibly refs. to the main character, Figaro, of the comedy plays and operas, "The Barber of Seville" and "The Marriage of Figaro" (?). cf. *Cypripedium* x *figaro* O'Brien. On the syn. list and is noted to be a *Paphiopedilum* hybrid.

figlinus: a vague colour term: colour of a brick. Listed as a yellowy-brown mixed with grey and red, likened to terracotta.

figueroae: for place name: of Puesto **Figuroa** (village), Tumbes Department, n.west Peru. cf. *Masdevallia figueroae* Luer 1978.

figulinus: descwd.: of, or for anything to do with terracotta pottery.

filament: ref. *filum*: a thread. Same as in Eng.: a very fine thread; like a hair.

filamentosa: with many hair-like threads. Ref. the sepals and petals. cf. *Caladenia filamentosa*. Noted as endemic to Aust.

filamentose: filament + suffix: like, or with fine hair-like threads.

filamentosum: as *filamentosa*. cf. *Bulbophyllum filamentosum*.

filaria: thread + suffix: of, relative to; thread-like. cf. *Maxillaria ventricularia* ssp. *filaria*.

filaris: as *filaria*. cf. *Oberonia filaris*.

fili-: used in compwds., can be singular, or plural. Ref. *filum*: thread; *fila*: threads.

Thread-like.

filic-: used in combwds., ref. *fili-*; *filicis*: fern; fern-like. For anything to do with a fern.

filicaule: see *fili-* + ref. *caulis*: thread + stem; stalk. cf. *Dendrobium filicaule*.

filicaulis: as *filicaule*. cf. *Anisopetala filicaulis*. syn. *Dendrobium filicaule*.

filicina: as *filicinis*. cf. *Tomzanonia filicina*.

filicinis: descwd., see *filic-*: fern + suffix: having the quality of; like. Fern-like.

filicoides: fern + resembling. cf. *Bulbophyllum filicoides*.

filicorne: thread + horn. For the fine spur. cf. *Mystacidium filicorne*. syn. *M. capense*.

filicornis: thread + horn. Has a very fine spur. cf. *Disa filicornis*.

filicornoides: thread + horn + resembling. cf. *Jumellea filicornoides*. syn. *J. walleri*.

filicornu: thread + horn. cf. *Neobathiea filicornu*. syn. *N. grandidierana*.

filifera: thread + see *-fer*: bearing. cf. *Caladenia filifera*. Noted as endemic to West.Aust.

filiferum: as *filifera*. cf. *Calonema filiferum*. syn. *Caladenia filifera*.

filifolia: thread + leaf. cf. *Diuris filifolia*. Noted as endemic to West.Aust.

filifolium: thread + leaf. cf. *Angraecum filifolium*. syn. *Tridactyle filifolia*.

filiform: thread + shape. Organs, or parts being fine and hair-like; long, terete and tapering. Thread-shaped.

Filiformae: (those) thread-shaped.= *Pterostylis* section.

filiforme: filiform. cf. *Genoplesium filiforme*. Noted as endemic to NSW., Aust.

Filiforme: filiform. Ref. the lip.= *Pterostylis* section.

filiformis: filiform. Ref. the very fine branching stems. cf. *Octarrhena filiformis*. Noted as endemic to New Guinea.

fililobum: thread + lobe. cf. *Diplocaulobium fililobum*.

filipeda: thread + foot. cf. *Coelogyne filipeda*.

filipes: thread + foot. cf. *Aeranthus filipes*.

filipetala: thread + petal. cf. *Cheirostylis filipetala*.

filisepalum: thread + sepals. cf. *Bulbophyllum trifilum** ssp. *filisepalum* (*: three + thread).

filomenoi: may be for a person's name, but also possibly for a place name. Only listed as ex Peru, noted there are a few villages called Santa Filomena (?). cf. *Brassia filomenoi* Schltr.1921.

filopedunculatum: thread + see pedunculate. Has a very fine peduncle. cf. *Mediocalcar filopedunculatum*. syn. *M. bifolium*.

filovagans: thread(s) + wandering. cf. *Bulbophyllum filovagans*.

fimbrata: may be an error for *fimbriata* (?), fringed, see fimbriate. cf. *Pescatoria fimbrata*.

fimbria: fringe + see fimbriate. cf. *Prasophyllum fimbria*. Noted as endemic to West.Aust.

fimbriae: descwd.: of fringes.+ Can be: (those) with a fringe.

fimbriata: fringed. + See fimbriate. cf. *Malaxis fimbriata*. Noted as endemic to Qld., Aust.

Fimbriatae: (those being) fimbriate.= *Lycaste* section.

fimbriate: like, or having a fringe; fringed. Mostly for margins of organs, or parts being finely ciliate, or can be lacerate and likened to a fringe.

fimbriatiloba: fimbriate + lobe. cf. *Maxillaria fimbriatiloba*.

fimbriatipetala: fimbriate + petals. cf. *Tridactyle fimbriatipetala*.

fimbriatipetalum: fimbriate + petals. cf. *Angraecum fimbriatipetalum*. syn. *Tridactyle fimbriatipetala*.

fimbriatolabella: as *fimbriatolabellum*. cf. *Ephemerantha fimbriatolabella*. syn. *Flickingeria comata*.

fimbriatolabellum: fringed + lip. (A tuft, more so than a "fringe"). cf. *Dendrobium fimbriatolabellum*. syn. *Flickingeria comata*. See sketch at *Ephemerantha*.

fimbriatomarginata: fimbriate + margined. cf. *Calanthe fimbriatomarginata*. syn. *C. alpina*.

fimbriatum: see fimbriate. Ref. the lip. cf. *Genoplesium fimbriatum*. Noted as endemic to eastn. Aust.

fimbriatus: see fimbriate. cf. *Corybas fimbriatus*. Noted as endemic to eastn. Aust.

Fimbriella: Farw.ex Butzin 1981: fringe + dimin.: small fringe, or fine fringe (?). eg. *Fimbriella leucophaea*. syn. *Platanthera leucophaea*.

fimbrilabia: fringe + lip. cf. *Pleurothallis fimbrilabia*. syn. *Restrepia contorta*.

fimbrilabium: fringe + lip. cf. *Dendrobium fimbrilabium*.

fimbrilabius: fringe + lip. cf. *Eurycaulis fimbrilabius*. syn. *Dendrobium fimbrilabium*.

fimbrillaris: see fimbrillate (+ suffix: of, etc.). cf. *Physurus fimbrillaris*. syn. *Aspidogyne argentea*.

fimbrillate: as fimbriate with an added dimin.: having, or like a fine fringe, or a small fringe.

fimbriloba: fringe + lobe. cf. *Eria fimbriloba*.

fimbrilobum: fringe+ lobe. cf. *Dendrochilum fimbrilobum*.

fimbripetala: fringe + petals. cf. *Laelia digbyana* var. *fimbripetala*.

Fimbrorchis: Szlach.2004: fringe + see orchis, orchid. syn. *Habenaria* Willd.

finckeniana: for noted grower, C.W.Fincken of Barnsley, Eng. On the syn. list, cf. *Laelia x finckeniana* O'Brien.

findleyanum: (some refs. say, *findlayanum*). Listed for orig.coll., James Findlay (?) a merchant of Burma c1867. cf. *Dendrobium findleyanum* C.S.P.Parish & Rchb.f.1874.

Finetia: Schltr.1918. Listed for Achille Eugene Finet [+ of] (1863-1913). A French botanist who contributed much to the knowledge of the flora of China and Japan. eg. *Finetia falcata*. syn. *Neofinetia falcata*. + See *Neofinetia* Hu.

finetiana: as *finetianum*. ex China, cf. *Platanthera finetiana* Schltr.1910.

finetianum: belonging to Finet, see *Finetia*. ex New Caledonia, cf. *Dendrobium finetianum* Schltr.1906.

finetii: info. see *Finetia*. cf. *Microstylis finetii* Gagnep.1932. syn. *Malaxis ophrydis*.

finisterrae: refs. to the Finisterre Range (+ of), s.west of Madang, PNG. cf. *Bulbophyllum finisterrae* Schltr.1913.

finlaysoniana: For orig.coll., George Finlayson [+ belonging to] (1790-1823), a surgeon with the East India Co. ex Malaysia, cf. *Bromheadia finlaysoniana* (Lindley) Miq.1859.

finlaysonianum: see *finlaysoniana*. ex Cochinchina (: Vietnam). cf. *Cymbidium finlaysonianum* Lindley 1833.

finniganense: from Mt.Finnigan, westn. edge of Cedar Bay N.Park. cf. *Dendrobium finniganense* D.L.Jones 1992. Noted as endemic to nth. Qld., Aust.

firma: see *firmum*. *Liparis firma*.

firmula: ref. *firmus*: strong; robust; durable + dimin. cf. *Octarrhena firmula*.

firmulum: as *firmula*. cf. *Cleisostoma firmulum*.

firmum: ref. *firmus*: strong; robust; durable. cf. *Epidendrum firmum*.

firthii: listed for Tasmanian orchidologist, John Firth (+ of). The orig.colls. are noted as, J.Firth & B.Alford, 1968. (+ Ref. M.J.Firth, who wrote "Native Orchids of Tasmania" 1965, same man?). cf. *Genoplesium firthii* (Cady) D.L.Jones 1998. Noted as endemic to Tas., Aust.

fischeri: listed for orig.coll., botanist and author, Cecil Ernest Claude Fischer (1874-1950). Descs. accr. to him are abbr. to: C.E.C.Fisch. ex Anamalais, s.west India. cf. *Bulbophyllum fischeri* Seidenf.1974.

fischerianum: listed for botanist and author, Johann Carl Fischer (1804-1885). ex nthn. Africa, cf. *Satyrium fischerianum* Kraenzl.1898. syn. *S. crassicaule*.

fischii: listed for orig.coll., Paul Fisch of Vic. cf. *Pterostylis fischii* Nicholls 1950. Noted as endemic to eastn. Aust.

fissa: see *fissi*-. Ref. labellum callus. cf. *Malaxis fissa*.

Fissae: (those being) split, etc. Ref. the partly connate sepals.= *Stelis* section. syn. *Stelis* section *Stelis*. + Ref. *Masdevallia* subgenus *Amanda* section *Fissae*.

fissi-. used in compwds., ref. *fissus*: split; cracked; cleft; divided, etc.

fissibrachium: see *fissi*-+ arm (as branch). cf. *Bulbophyllum fissibrachium*.

fissicors: split + heart. cf. *Cleisostoma fissicors*.

fissidens: split + tooth. + Could be: as if (like) splitting (?). cf. *Trisetella fissidens*.

fissiglossa: split + tongue. cf. *Oberonia fissiglossa*.

fissilabris: split + lip, or see *labrum*: edge, etc. cf. *Liparis fissilabris*.

Fissipes: Small 1903: see *fissi*-+ foot: for the two low leaves, appearing to be "split" by the raceme. eg. *Fissipes hirta*. syn. *Cypripedium reginae*.

fissipetala: split + petals, or see *-petalo*-. wide, etc. cf. *Oberonia fissipetala*. Noted as endemic to PNG.

fissipetalum: as *fissipetala*. cf. *Bulbophyllum fissipetalum*. syn. *Genoplesium calopterum*. Noted as endemic to New Caledonia.

fissirostris: split + beak (+ see rostrum). cf. *Erythrodes fissirostris*.

fissum: see *fissi*-. split, etc. Ref. labellum mid-lobe. cf. *Dendrobium fissum*.

fissurata: ref. *fissura*: a cleft; crack; split + like; having. Ref. Eng.: fissured. cf. *Stelis fissurata*.

fistular: like, of, or to do with a tube, or pipe. Pipe-like; tubular, etc. Ref. *fistula*: a pipe; tube.

fistulata: pipe; tube + like; having, see *fistular*. cf. *Orchis fistulata*. syn. *Dactylorhiza incarnata*.

fistulosa: see *fistular* +-osa (as, tubular). Refs. to the stems. cf. *Dactylorhiza fistulosa* ssp.*alpestris*. syn. *D. alpestris*.

Fitch: had to include this gentleman, as I was most impressed with the little info. I read of him. The ref. is to Walter Hood Fitch (1817-1892), born Glasgow, Scotland. An extremely talented, prolific bot. artist and reported as one of the finest for speed

and accuracy.+ He had approx. 10,000 drawings published, of all kinds of flora.
The book I was reading showed a couple and they were excellent.

fitchianum: belonging to Fitch, see Fitch. cf. *Cypripedium x fitchianum* L.O.Williams. syn.
C. x marmorophyllum syn. On the syn. list, without the “correct names”. It is
noted, they may be *Paphiopedilum* hybrids.

fitzalanii: listed for orig.coll., botanist, Eugene Fitzalan (1830-1911). cf. *Eria fitzalanii*
F.Muell.1882. Reported as endemic to nth. Qld., Aust., but maybe it has a twin
brother (?), pers.coll., quite common near Subitana, PM.PNG.

Fitzgeraldia: F.Muell.1882. Listed for botanist, author, bot. artist and collector, Robert
Desmond (David?) Fitzgerald (1830-1892) FLS. Irish born, he emigrated to Aust.
1856 and worked as a civil engineer for the NSW. Dept. of Lands, later as Deputy
Surveyor-General. This position giving him the opportunity to travel extensively
and to pursue his fascination with the local flora. Descs. accr. to him are abbr. to:
Fitzg. syn. *Lyperanthus* R.Br.

fitzgeraldiana: belonging to Fitzgerald, see *Fitzgeraldia*. cf. *Oberonia fitzgeraldiana*
Schltr.1922. syn. *O. complanata*. Noted as endemic to eastn. Aust.

fitzgeraldii: see *Fitzgeraldia*. cf. *Prasophyllum fitzgeraldii* R.S.Rogers & Maiden 1909. Noted
as endemic to Sth.Aust.

flabella: ref. *flabellum*: fan. cf. *Callista flabella*. syn. *Flickingeria fimbriata*.

flabellata: see flabellate. cf. *Liparis flabellata*.

flabellate: ref. *flabellum*: a fan + suffix: like; having. Mostly for any group of organs
alluded to resemble an open, hand-held fan. Fan-like; fan-shaped.

flabellatum: see flabellate. cf. *Aerides flabellatum*.

flabellatus: see flabellate. cf. *Monochilus flabellatus*. syn. *Cheirostylis flabellata*.

flabellifera: fan + bearing. Ref. plant appearance. cf. *Oberonia flabellifera*.

flabelliferum: fan + bearing. cf. *Oncidium flabelliferum*.syn. *O. gardneri*.

flabellifolia: fan + leaves. cf. *Aerangis flabellifolia*. syn. *A. brachycarpa*.

flabellifolium: fan + leaves. cf. *Cymbidium flabellifolium*. syn. *Cochleanthes flabelliformis*.

flabelliform: fan + form; shape.+ See flabellate.

flabelliforme: fan + shape. cf. *Epidendrum flabelliforme*. syn. *Cochleanthes flabelliformis*.

flabelliformis: fan + shape. Ref. plant appearance, cf. *Cochleanthes flabelliformis*.

flabellilobata: fan + lobed. ex China, cf. *Tainia flabellilobata*.

flabelloides: fan + resembling. cf. *Flickingeria flabelloides*.

flabellum: fan. cf. *Dendrobium flabellum*. syn. *Flickingeria fimbriata*.

flabellum-veneris: fan + to do with Venus (implies: a lovely, or beautiful fan?). cf.
Bulbophyllum flabellum-veneris.

flaccid: ref. *flaccidus*: limp; feeble; flabby; weak; drooping, etc. An opp. to rigid.

flaccida: see flaccid. For its limp appearance and pendulous habit. cf. *Glomera flaccida*.

flaccidum: see flaccid. cf. *Calonema flaccidum*. syn. *Caladenia flaccida*. Noted as endemic to
eastn. Aust.

flaccidus: see flaccid. cf. *Podochilus flaccidus*.

flaccifolia: see flaccid + leaf. cf. *Habenaria flaccifolia*.

flagella: see *flagellum*. cf. *Dockrillia flagella*. syn. *Dendrobium flagellum*.

flagellans: whipping. + See *flagelliform*. cf. *Habenaria flagellans*. syn. *Piperia dilatata* var. *leucostachys*.

flagellare: whip + see *-are*: relative to, etc. Struggled through the Lat. description and couldn't find any thing likened to a whip. My suggestion is, it's a fanciful allusion to the plant's appearance, likened to a cat o' nine tails. It has a pendent habit and maybe the plant is the handle with the roots and rhizomes as the lashes (?). In validation, see a line drawing of it and turn it upside down. cf. *Bulbophyllum flagellare*.

flagellaris: small whip + of; relative to. cf. *Brassavola flagellaris*.

flagellifer: small whip + bearing. cf. *Peristylus flagellifer*. syn. *Habenaria flagellifera*.

flagellifera: small whip + bearing. cf. *Maxillaria flagellifera*. syn. *Scuticaria steelei*.

flagelliform: ref. *flagellum*: (small) whip; thong; lash + form; shape. Whip-like, any organ, part or a group that could be likened to a whip. For another kind of whip, see *flagellare*.

flagelliforme: see *flagelliform*. cf. *Cleisostoma flagelliforme*. syn. *C. fuerstenbergianum*.

flagelliformis: see *flagelliform*. cf. *Sarcanthus flagelliformis*. syn. *Cleisostoma fuerstenbergianum*.

flagellum: small whip, etc. + see *flagelliform*. cf. *Dendrobium flagellum*.

flaminia: is probably an obscure ref. to being hooded (ref. the flower, having a hood), as a priest's cowl (?). Ref. *flaminis*: a kind of priest (+ of). cf. *Epipactis flaminia*.

flammea: see *flammeus*. cf. *Pleurothallis flammea*.

flammeola: as *flammeolus*. cf. *Ophrys flammeola*. syn. *O. sicula*.

flammeolus: descwd., as *flammeus* with suffix, see *-ola*: having, or like small flames.

flammeus: lit.: fiery. + Can be a vague ref. to colours: mixed reds, orange and yellows, etc.: alluding to the colours of flames.

flammula: ref. *flammeus* + dimin.: small flames. Alluding to the flower colours. cf. *Dendrobium flammula*. Noted as endemic to PNG.

flammuliferum: small flames + bearing. Has yellow flowers with orange tips. cf. *Bulbophyllum flammuliferum*.

flasking: a method of growing from seed, in bottles, flasks, etc., that is well within the capabilities of the amateur. There are good books available on the subject which is exacting, but very rewarding. + See agar, meristem culture.

flava: a yellow colour, see *flavus*. cf. *Caladenia flava*. Noted as endemic to West.Aust.

Flavae: (those being) yellow, see *flavus*. = *Eria* section. syn. *Eria* section *Dendrolirium* (?).

flaveola: see *flavus* + dimin.: a lesser, or paler yellow. cf. *Chondrorhyncha flaveola*. syn. *Chondroscaphe fimbriata*.

flaveolum: as *flaveola*. cf. *Saccolabium flaveolum*.

flavescens: yellow + suffix: turning; becoming. cf. *Diuris flavescens*. Noted as endemic to NSW., Aust.

flavi-, *flavo-*: used in combwds., for the colour, see *flavus*.

flavicans: similar to *flavescens*. Yellowing, ie., shading from one colour to a yellow (: *flavus*).

flavicans: see last entry. cf. *Ophrys flavicans*. syn. *O. bertolonii*.

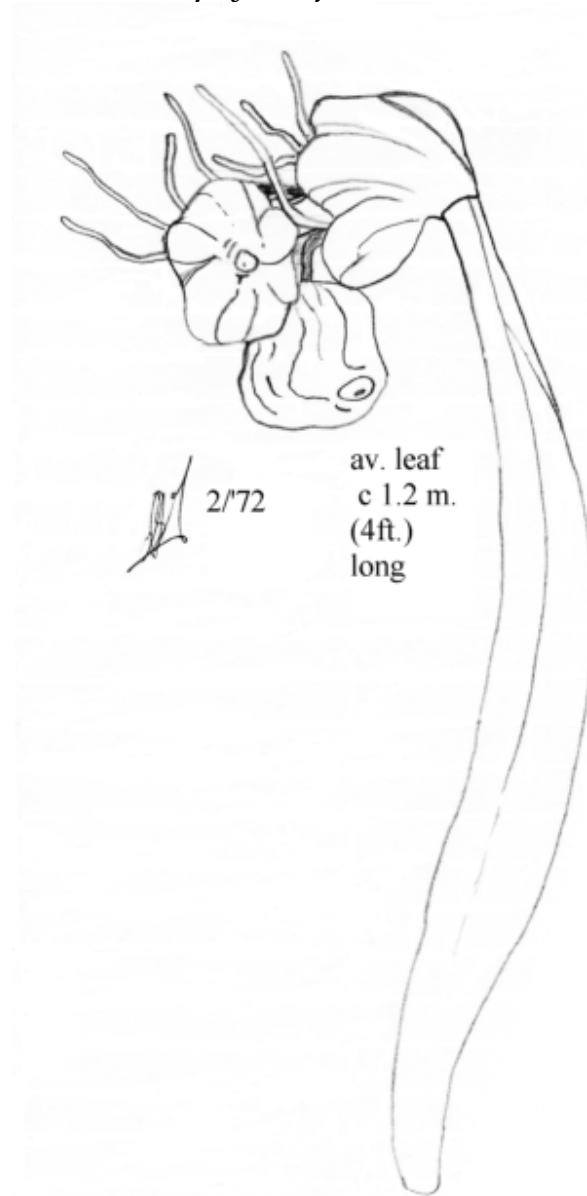
flavicolle: yellow + ref. *collum*: neck. cf. *Diplocaulobium flavicolle*.
flavicolor: yellow + colour. cf. *Bulbophyllum flavicolor*.
flavida: see *flavidus*. cf. *Corymbosa flavida*.
flavidiflorum: yellowy + flower. cf. *Bulbophyllum flavidiflorum*.
flavidulum: as *flavidus* + dimin. cf. *Dendrobium flavidulum*. syn. *D. spegidoglossum*.
flavidum: as *flavidus*. cf. *Angraecum flavidum*.
flavidus: a vague colour term: yellowy; yellowish. Slightly paler than *flavus*.
flaviflora: yellow + flower. cf. *Octomeria flaviflora*.
flaviflorum: yellow + flower. cf. *Bulbophyllum flaviflorum*. syn. *B. pectenvenensis*.
flavilabella: yellow + lip. cf. *Gastrodia flavilabella*.
flavilabia: yellow + lip. cf. *Phalaenopsis lobbii* forma *flavilabia*. syn. *P. lobbii*.
flaviola: see *flaveola*. cf. *Luisia flaviola*. syn. *L. teretifolia*.
flavisepalum: yellow + sepal(s?). cf. *Bulbophyllum flavisepalum* syn. *B. retusiusculum*.
flavispiculum: yellow + spike + dimin.. The "spike" refs. to the sharp labellum, because the inflorescence is not a spike. cf. *Dendrobium flavispiculum*. syn. *D. cyanocentrum*. Pers.coll., see *cyanocentrum*.
flavissimus: a colour term: *flavus* + suffix: an emphasis. A pure paler yellow, slightly stronger than *flavus*. + See gamboge yellow (at "G"), which is listed as an equivalent.
flavobrunnea: yellow + brown. cf. *Solenidiopsis flavobrunnea*.
flavofimbriata: yellow + fringed. cf. *Epicranthes flavofimbriata*. syn. *Bulbophyllum flavofimbriatum*.
flavofimbriatum: yellow + fringed. Ref. the petal appendages (see paleae). cf. *Bulbophyllum flavofimbriatum*.
flavomarginata: yellow + margined. Ref. the labellum. cf. *Ophrys flavomarginata*.
flavopurpurea: yellow + purple. cf. *Diuris flavopurpurea*. syn. *D. platichila*. Noted as endemic to eastn. Aust.
flavoroseum: yellow + rosy (pink). cf. *Cypripedium macranthum* var. *flavoroseum*. syn. *C. macranthum*.
flavorubellum: yellow + red + dimin. cf. *Bulbophyllum flavorubellum*.
flavotincta: yellow + dyed; tinged. cf. *Thunia alba* var. *flavotincta*.
flavovirens: a colour term, listed as a fairly bright yellowish-green.
flavovirens: as last entry. cf. *Caladenia flavovirens*. Noted as endemic to Vic., Aust.
flavoviridis: yellow + green. cf. *Liparis flavoviridis*. syn. *L. deflexa*.
flavum: as *flavus*. cf. *Taeniophyllum flavum*. Noted as endemic to nth. Qld., Aust.
flavus: a colour term: a strong, paler yellow. + cf. *Phaius flavus*.
fleckeri: listed for orig.coll., Dr.Hugo Flecker (1884-1957) an Aust. physician, pioneer radiologist and noted naturalist. From near Cairns, cf. *Dendrobium fleckeri* Rupp & C.T.White 1937. Noted as endemic to Qld., Aust.
flectens: bending; turning. cf. *Bulbophyllum unifoliatum* ssp. *flectens*.
fleischeri: listed for German publisher, Fried (Friedrich?) Fleischer of Leipzig. Listed as a cross of *Dendrobium antennatum* x *D. bigibbum*. ex New Guinea, cf. *Dendrobium* x *fleischeri* J.J.Sm.1913.

fleischmannii: listed for botanist and author, H.Fleischmann (+ of). Descs. accr. to him are
abbr. to: Fleischm. ex Greece, etc., cf. *Ophrys fleischmannii* Hayek 1926.

fletcheriana: see *fletcherianum*. ex Ecuador to Peru, cf. *Maxillaria fletcheriana* Rolfe 1913.

fletcherianum: for noted grower: the Rev.J.C.B.Fletcher (+ belonging to) of Chichester,
Eng., first to flower it. cf. *Bulbophyllum fletcherianum* Rolfe 1911. A truly massive
Bulbophyllum and has to rank as one of the world's largest (or is the largest?), but
a rather dubious honour having your name on this one, the "perfume" is
absolutely disgusting! Pers.coll., see sketch and notes.

Bulbophyllum fletcherianum Rolfe.



A romantic notion, give a bunch of orchid flowers. For our club newsletter, I started a story: "If you want to DITCH a girlfriend in a hurry, give her a bunch of *Bulbophyllum fletcherianum*.". It's "perfume" is a miasma of putrescence!, I couldn't attempt to draw the flowers, as the stench made me violently ill. I am very susceptible and in the past, have come close to many foul odours, which often made me feel queasy, but my reaction to this one was instantaneous, no time to even think about it. The smell also destroyed my taste-buds for about ten days, no matter how hard I tried to spit it out!

First found it at Wariarata, PM.PNG., Feb.'72. The average mature specimen was about 4ft. (1.2m.) long overall. I liken the pseudobulbs to half of a partly deflated football and the leaf to a huge elongated tongue.

There was an impressive population growing on a vertical cliff-face of conglomerate rock and I only took a reasonable specimen home. Because of the smell from the flowers, there was no way it was going in the cabin of the car with me, so it went into the boot (trunk).

Later I mounted it on a large slab of tree-fern fibre and it took well (eventually, as it's a slow grower). I dreaded the thought of it periodically flowering in my bush-house, so I gave it to a very good friend (yes, we're still friends! He knew its reputation, without my story and actually wanted it). A unique plant and an unforgettable experience.

flexa: see. *flexus*. Ref. the pedicellate ovary, bent almost 90°, so the flower faces "out". cf.

Habenaria flexa. syn. *Habenaria trifida*.

flexibilis: flexible. cf. *Pleurothallis flexibilis*. syn. *Trichosalpinx dependens*.

flexicaule: bend(s) + stem; stalk. Ref. the zig-zagging stems. cf. *Dendrobium flexicaule*.

flexicaulis: as *flexicaule*. cf. *Orchis flexicaulis*. syn. *Schizodium satyrioides*.

flexilabrata: bend(s) + lip + like; having. cf. *Glomera flexilabrata*. Endemic to PNG.

flexile: bend(s) + see -ile, -ilis. One major ref. defines it as: supple; pliant (which is the same as *flexibilis*: flexible). cf. *Dendrobium flexile*.

flexilis: as *flexile*. cf. *Stelis flexilis*.

flexion: indicates the **outer** point of the angle, when an organ, or part is sharply bent. eg.

With zig-zag bends, the outer point of each bend is termed a flexion.

flexipes: bend + *pes*: foot. Noted it can also be one word: twining. cf. *Didymoplexis flexipes*.

flexum: bend, or bent. cf. *Cleisostoma flexum*.

flexuosa: see flexuose. Has wavy, bent stems. cf. *Thelymitra flexuosa* Endl.1839. Noted as endemic to sthn. Aust.

flexuose: bending alternately, zig-zagging in opposite directions. Not necessarily sharp bends, can also be more or less, continuously S-shaped, or sinuous.

flexuosissima: see flexuose + emphatic suffix: very, etc. cf. *Epidendropsis flexuosissima*. syn.

Epidendrum flexuosissimum.

flexuosissimum: as *flexuosissima*. cf. *Epidendrum flexuosissimum*.

flexuosum: see flexuose. Ref. the floral segments. cf. *Bulbophyllum flexuosum*.

flexuosus: see flexuose. cf. *Lissochilus flexuosus*. syn. *Eulophia clitellifera*.

flexus: descwd.: bend; bent; a bending; turning, etc.

flexus: as last entry. cf. *Sarcanthus flexus*.

flickingeranum: belonging to Flickinger, see *Flickingeria*. ex Madagascar, cf. *Bulbophyllum flickingeranum* A.D.Hawkes 1966. syn. *B. peyrotii*.

Flickingeria: A.D.Hawkes 1961. Noted, he named it for a colleague, phytologist, Edward Arthur Flickinger (+ of). eg. *Flickingeria comata*. Pers.coll. ex PM.PNG., see sketch and notes at *Ephemerantha*.

flixensis: listed for place name: from Flix, a town of Tarragona, Catalonia, n.east Spain.
cf. *Dactylorhiza* x *flixensis* (Gsell) Soó 1962.

flora: the collective term for plant life in a given area, or region. Noted as adopted into Eng. from *Flora*: Roman goddess of plants and flowers.

flora, *-florum*, *-florus*: used in combwds.: flower; flowery; of flowers; flowered. Anything to do with a flower, or flowers.

floral: of, or relative to flowers. + See *flora*.

floral bract: see *floral* + *bract*. A bract immediately subtending a flower, on the rachis. Correctly, a bracteole. Also, see *ligule*, *ligulate*.

floreana: of flowers. cf. *Stelis floreana*. syn. *S. chamaestelis*.

floreana: belonging to Flores (an Indon. island, perhaps it was known to the author as *Floreana*?) + See *floresensis*. cf. *Pomatocalpa floreana* J.J.Sm.1932.

florentia: ref. the ancient name, *Florentia*: Florence city (It.: *Firenze*), of Florence Prov., central Italy. The species example is listed as ex central and sthn. Japan, so the specep. may be for where it was flowered in cultivation. Or (more likely), ref. *florentis*: flourishing; blooming, etc.+ of (?). cf. *Platanthera florentia* Franch.& Sav.1878.

floresensis: from Flores island(s), of the Lesser Sunda Islands, Indon. cf. *Phalaenopsis floresensis* Fowlie 1993.

floresii: of, or belonging to Flores, listed as ex Ecuador. This may be for a person's name, but also noted two villages named Flores, one of Los Ríos, the other of Chimborazo (provinces), Ecuador. cf. *Stelis floresii* Luer & Hirtz 2002.

floribunda: ref. *floreus*: of flowers + see *-bunda*, which (together) could simply mean: (it's) flowering. But, here: flowers abundantly. cf. *Eria floribunda*. Pers.coll., common ex PM.PNG.

floribundoides: flowers + abundant + resembling. More likely, was compared to *Eria floribunda* (+*-oides*: resembling). cf. *Eria floribundoides*. syn. *E. eriopsidobulbon*.

floribundum: as *floribunda*. cf. *Calonema floribundum*. syn. *Caladenia floribunda*. Noted as endemic to sthn. Aust.

Floribundum: flowers + abundant.= *Cymbidium* section.

floribundus: as *floribunda*. cf. *Podochilus floribundus*. syn. *Appendicula floribunda*.

floriculture: the cultivation of flowering plants in general. Restricted to those that flower. + Ref. *floriculturist*: one skilled in floriculture.

florida: easy, it's from Florida. Not so, see *floridus*, for the colour: rosy-purple. ex Cuba and Jamaica, cf. *Bletia florida*.

floridana: of, or belonging to Florida, USA. cf. *Microstylis floridana* Chapm.1860. syn. *Malaxis spicata*.

floridanum: as *floridana*.cf. *Oncidium floridanum* Ames 1924. + See next entry.

floridanum: belonging to the Florida Islands group, nth. of Guadalcanal Island, Solomon Islands. cf. *Dendrobium floridanum* Guillaumin 1965.

floridense: listed as: from (sthn.) Florida, USA. cf. *Epidendrum floridense* Hágsater 1993.

floridum: see *floridus*. cf. *Cymbidium floridum*. syn. *Bletia florida*.

floridus: descwd.: flowery; bright and flowery; floriferous. Also noted as a colour term: a rosy-purple (hence our word: florid).

floriferous: flowering profusely; flowering often; abundantly flowered. A broad term, as can apply to those that only flower once, or twice a year and have a massed display. Or, those that may not have a spectacular show, but seem to never stop flowering.

florijugum: flower + ref. *iugum*: ridge; crest. cf. *Epidendrum florijugum*. syn. *E. sculptum*.

floripecten: flowers + comb. Raceme is likened to a comb. cf. *Lepanthes floripecten*.

floripicta: flower + painted. cf. *Lepanthopsis floripicta*. syn. *L. melanantha*.

florosa: flower(s) + see -osa. cf. *Pleurothallis florosa*. syn. *P. lojæ*.

floruit: Lat. phrase: (when he, or she) flourished; was most active. Sometimes seen in a discussion about a person, of whom the author does not know birth and death dates. + Often abbr. to: fl., followed by a year date.

florulenta: flowers + see -ulenta: abundant, etc., same as floriferous. cf. *Eulophia florulenta*. syn. *Eulophia nyasæ*.

florulentum: as *florulenta*. cf. *Angraecum florulentum*.

Flos: Rumph.1750: ref. *flos*: flower. ex the Solomon Islands, eg. *Flos triplicata*. syn. *Calanthe triplicata*.

flos-aeris: flower + of the air. Orig. desc.x Linnaeus 1753, as *Epidendrum flos-aeris*. Was t/fd. x Rchb.f.1886, to *Arachnis flos-aeris*.

floscularia: flower + dimin.(+ ref. *flosculus*) + of; relative to. cf. *Malaxis floscularia*.

floscularium: as *floscularia*. cf. *Crepidium floscularium*. syn. *Malaxis floscularia*.

flosculata: flower + small + like; having. cf. *Restrepia flosculata*.

flosculifera: flower + small + bearing. cf. *Pleurothallis flosculifera*.

flutuosa: ref. *fluctus*: a wave + suffix: wavy; wave-like; with waves, etc. cf. *Cadetia flutuosa*. syn. *C. citrina*.

flutuosum: as *flutuosa*. cf. *Dendrobium flutuosum*. syn. *Cadetia citrina*.

fluminensis: see next entry. This example is listed to be from Rio de Janeiro state, cf. *Capanemia fluminensis* Pabst 1972.

fluminensis: confusing this one. Lit., it means it's for a habitat very near a river, yet it is also listed as the correct spec. being for: from Rio de Janeiro, Brazil and can be for either the state, or the city. Rio de Janeiro trans. to: River of January and one encyclopaedia says it was named by a Portuguese explorer, Gonçalo Coelho and another says it was an Italian, Amerigo Vespucci *(?), who arrived there in January 1503 and presumed the bay (ref. Guanabara Bay) was the mouth of a large river. It does have creeks and small streams entering the bay, but not a river. *Noted this huge discrepancy by accident and I always thought an encyclopaedia was the ultimate, impeccable reference source. I wonder which, or if either, is right.

fluviatilis: of, or relative to a river. Was found growing by a river. cf. *Glossorrhyncha fluviatilis* (syn.). ex New Guinea and noted as possibly a *Glomera* species.

fluvida: ref. *fluvidus*: fluid; flowing. + Can be: lax; soft. cf. *Zeuxine fluvida*. syn. *Z. nervosa*.

focalis: of a central point. + Ref. *focus*: fireplace; hearth + see *-ale*: of, etc. cf. *Lepanthes focalis*.

fockeii: listed for botanist, naturalist and author, Hendrik Charles Focke (1802-1856). ex Brazil, cf. *Pleurothallis fockei* Lindley 1859.

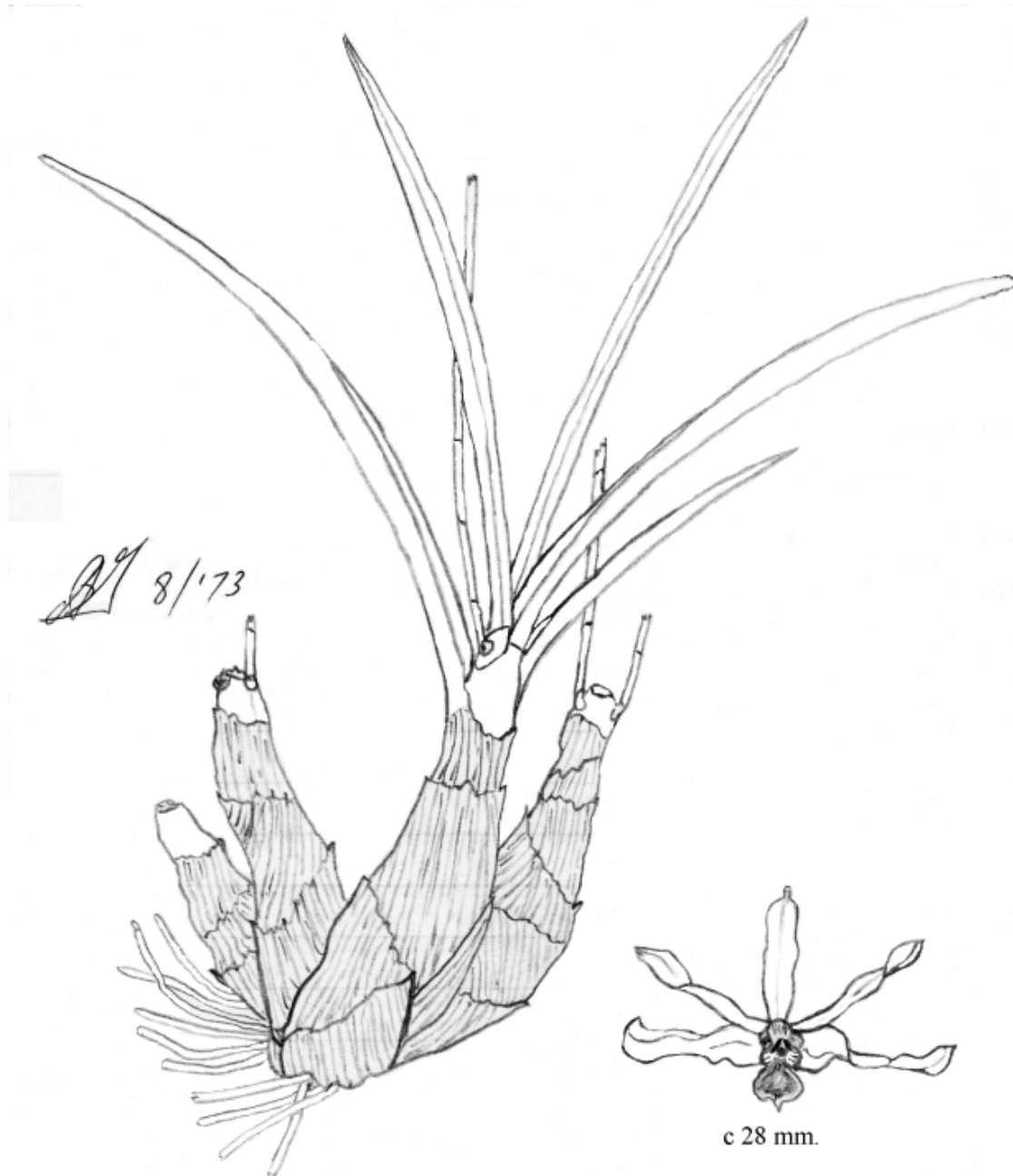
foecundus: descwd., fertile; fruitful. + See fecund.

foeda: ref. *foedus*: filthy; foul. + Can be: disgusting, etc. cf. *Masdevallia foeda*.

foederata: as *foederatum*. cf. *Dockrillia* x *foederata*. syn. *Dendrobium* x *foederatum*.

foederatum: cf. *Dendrobium* x *foederatum* St.Cloud 1955. I ref. this to *foederatus*: a confederation; alliance, which makes sense, as it's listed as a natcross. Many refs. say it trans. to: foul smelling (see *foeda*, *foetidus*) and yet there's no mention of a perfume in any of the descriptions, or discussions I've read. It is reported as a natcross of *Dendrobium calamiforme* x *D. rigidum* (neither of which are noted to have a perfume). Listed as endemic to nth.Qld., Aust.

foelschei: listed for orig.coll., Paul Heinrich M.Foelsche (1831-1914). Immigrated from Germany to Aust.1870 and was a very respected member of the NT. police force. His work took him through much of the NT. and allowed him to expand his interests of botany, exploration and anthropology. He is also commemorated by Foelsche Street (in Darwin city), Point Foelsche and the Foelsche River (runs into the Gulf of Carpentaria at Manangoora near Borroloola). cf. *Dendrobium canaliculatum* var. *foelschei* (F.Muell.) Rupp & T.E.Hunt 1948. ex Darwin, NT., Aust. See sketch and notes.



***Dendrobium canaliculatum* var. *foelschei* (F.Muell.) Rupp & T.E.Hunt.**

Info. on Mr.Foelsche, see *foelschei*.

ex Berrimah, an outer Darwin suburb, NT., Aug.'73. An interesting location, as its reported habitat is in swampy areas, growing on paper-bark (*Melaleuca*) trees. A friend dragged me out this day, to have a wander around and see if there were any orchids in the area. Most (sensible) people wouldn't bother, as it's fairly desolate, mostly just mongrel scrub and pathetic gum-trees. There was hardly anything

even slightly green around, as it was only a couple of months after the annual bushfires (and no rain since, of course). I went just to please him, but kept asserting that it would be a total waste of time.

I spotted this one on a small Cycad (see entry, *Cycadales*), on the side of a hill and there weren't any swamps, or chance of one, for at least a mile in any direction. Nor were there any paper-bark trees around, either. Don't know how it got there, in such an exposed and unlikely habitat. We skirted the spot, expanding our area of search, for a few hours and found nothing else.

Not "rare", but uncommon and a good find, especially as it was in flower. The flowers were rather disappointing (to me) as they are a pale, limp, washed-out version of *Dendrobium canaliculatum* (from Qld.) and are not fully expanded. My mate was as proud as a pup with nine tails (bless him), for I said he could have it. I had to exhort to him, over and over, to remember its environment and to not kill it with kindness!

With thanks for good times and fond memories, I dedicate my drawing and notes to Mr. Doug Digance (17/8/1940-30/6/2000).

foerstermannii: listed for German mercenary, Ignatz F. Foerstermann (1854-1895), who collected for the famous Eng. nurserymen, Sander & Co. (+ see notes at *fairrieanum*). ex Borneo, etc., cf. *Coelogyne foerstermannii* Rchb.f.1886.

foetens: stinking. ex Sulawesi, Indon., cf. *Dendrobium foetens*. Fortunately I've not had the pleasure of its acquaintance, as the "perfume" is reported to be extremely unpleasant.

foetida: ref. *foetidus*: fetid; foul (smelling). cf. *Plocoglottis foetida*. syn. *P. gigantea*.

foetidilabrum: foetid; foul + lip, or, see *labrum*: edge. May not be for a perfume, could be "foul" with excrescences, small warts, papillae, etc. cf. *Bulbophyllum foetidilabrum*.

foetidolens: foul + smelling. cf. *Bulbophyllum foetidolens*.

foetidum: as *foetida*. cf. *Bulbophyllum foetidum*.

foetulenta: fetid; foul + an abundance. Ref. the perfume. cf. *Liparis foetulenta*.

foldatsiana: belonging to Foldats, see *foldatsii*. ex Venezuela, cf. *Maxillaria foldatsiana* Carnevali & I. Ramirez 1989.

foldatsii: listed for phytologist, E. Foldats (b1916). ex Venezuela, cf. *Epidendrum foldatsii* Hágsater & Carnevali 1993.

foleyana: listed for noted grower, Admiral Foley (+ belonging to) of Fordingbridge, Hants., Eng. ex Brazil, cf. *Cattleya labiata* var. *foleyana* H. Williams c1892. There isn't any official listing for this, so it's possibly syn. to *Cattleya labiata* (?).

folia, *-folium*, *-folius*: ref. *folium*: leaf. Used in compwds., for anything to do with a leaf, or leaves.

foliacea: leaf-like. cf. *Orchis foliacea*. syn. *Satyrium carneum*.

foliaceous: leaf + suffix: of; relative to; like. Leaf-like; leafy; having leaves.

foliage: descwd.: leaves collectively; leaves in general.

foliata: leafed, + see *foliate*. cf. *Pseudovanilla foliata*. Was t/fd. from the genus *Galeola*, which are mostly leafless. It's listed that the specp. distinguishes this species for its many leaf-like bracts which can be about 2" (5cms.) long. A saprophyte, being one of the world's tallest climbing orchids. Noted as endemic to Aust. More, see *Galeola*.

foliate: leafed; like, or having a leaf, or leaves. Can infer the leaves are the feature. Having parts likened to leaves, eg. scales; bracts, etc. A good example, see *foliata*.

foliatum: see *foliate*. cf. *Taeniophyllum foliatum*.

foliolosa: haven't any ref. to this, so I'll guess: leaf + dimin. + plenty: with many small leaves. cf. *Habenaria foliolosa*. syn. *H. njamnjamica*.

foliosa: see *foliose*. cf. *Goodyera foliosa*.

foliose: abundantly leafed. Having many leaves close together. Similar to *foliaceous*.

foliosissima: *foliose* + emphatic suffix. cf. *Habenaria foliosissima*.

foliosum: see *foliose*. cf. *Dendrobium foliosum*. syn. *Pseuderia foliosa*.

foliosus: see *foliose*. cf. *Stenorrhynchus foliosus*.

folliculiferum: see *folliculum* + bearing. cf. *Bulbophyllum folliculiferum*.

folliculum: descwd., ref. *follis*: a bellows; bladder + dimin.: like a small bellows or, bladder. + Can also be likened to a small leather-like bag.

fonnegrae: listed for phytologist and author, Ramiro Fonnegra G.(+ of). ex Colombia, cf. *Lepanthes fonnegrae* Luer & R.Escobar 1993.

fonsecae: this species is listed to be from Costa Rica to Ecuador. There are a few places named Fonseca and the most likely is a major town of La Guajira Department, Colombia. cf. *Masdevallia fonscae* Königer 1994. syn. *M. attenuata*.

fonsflorum: ref. *fons*: a spring; fountain + flowers. Has a long, slender, arching spray of large, fine, spidery-like flowers, alluded to be “gushing out”. cf. *Bulbophyllum fonsflorum*.

fontanae: of Fontana. From the given locations, noted some towns and villages in both Italy and Switzerland. cf. x *Orchiserapias fontanae* E.G.Camus.

fontanesii: of Fontanes. May be for a person’s name, or a place name (?). Among the given locations, it’s listed as ex France and there are quite a few towns called Fontanes. cf. *Orchis patens* var. *fontanesii* Rchb.f.1851. syn. *O. spitzelii*.

fontechensis: for place name (+ from). Listed (among other locations) as ex Spain. Noted four towns, called Fontecha in nthn. Spain. cf. *Ophrys* x *fontechensis* C.E.Hermos.

fontinalis: of a spring; fountain. cf. *Gastrodia fontinalis*.

foot: the basal section of any organ, or part. eg. The column-foot.

foraminiferum: ref. *foraminis*: hole; opening + bearing. Because the flower almost doesn’t open and by the arrangement of the sepals, there are only two small, side openings (often called windows), sufficient for an insect to enter. cf. *Bulbophyllum foraminiferum*. + Of interest, see *fenestratus*: having, or like a window.

forbesii: listed for Mr.Forbes, a head gardener to the Duke of Bedford, Woburn Abbey, Eng. ex Brazil, cf. *Oncidium forbesii* Hook.1839. + See next entry.

forbesii: of Henry Ogg Forbes (1851-1932). Born in Scotland, was an ethnologist, naturalist and botanist. In 1886 was Deputy Commissioner of British New Guinea (now, Papua, of PNG.), residing at Samarai, then the government administration centre for the Milne Bay District. Later he became Director of the Canterbury Museum, NZ. and then returned to Scotland as Lecturer of Ethnology at the Edinburgh Univ. cf. *Dendrobium forbesii* Ridl.1886. Pers.coll., only at Subitana, PM.PNG.

Forbesina: Ridl.1926: see *forbesii* (+-ina: of, etc.). syn. *Eria* Lindl.

forceps: claw; pincers; forceps; tongs. cf. *Lepanthes forceps*.

forceps-cancris: claw + crab. cf. *Pleurothallis forceps-cancris*.

forcipata: see forcipate. cf. *Erythrodes forcipata*.

forcipate: descwd., ref. *forcipis* + Eng. suffix.-ate (: having; -like, etc.). Any organ, part, or group alluded to resemble a claw; forceps; tongs; nippers; pincers, etc.

forcipatoides: see forcipate + resembling. Or, may have been likened to *Epidendrum forcipatum* (?). cf. *Epidendrum forcipatoides*.

forcipatum: as forcipate. cf. *Dendrobium forcipatum*. syn. *Flickingeria appendiculata*.

forcipifera: see forcipate + bearing. cf. *Oberonia forcipifera*.

forcipigera: see forcipate +-gera: bearing. cf. *Corymborkis forcipigera*.

fordhamii: listed for orchidist and authoritative collector, Fred Fordham (1890-1978). ex Brunswick Heads, NSW., Aust.1932, cf. *Corybas fordhamii* (Rupp) Rupp 1942.

fordii: listed for orig.coll., botanist, I.Ford (+ of), who collected in China and Taiwan. cf. *Bulbophyllum fordii* (Rolfe) J.J.Sm.1912.

forestieri: listed for orig.coll., M.de Forestier c1851. ex the Mediterranean region (Sicily?), cf. *Ophrys forestieri* (Rchb.f.) Lojac.1909. syn. *O. fusca*.

Forficaria: Lindley 1838: ref. *forficis* +-are: of, or relative to shears; scissors. Ref. lateral sepals. syn. *Disa* P.J.Bergius.

forficaria: as *Forficaria*: of shears, etc. cf. *Disa forficaria*.

forficulate: ref. *forficula*: small shears, or scissors + suffix: like; having, etc. For any organ, or part being relatively narrow and deeply forked, or with a group, alluding a resemblance.

forficuloides: small shears; scissors + resembling. cf. *Podochilus forficuloides*.

x *Forgetara*: auct.: of, or belonging to Forget (see next entry). On the syn. list, noted as a result of *Aspasia* x *Brassia* x *Miltonia*.

forgetiana: listed for French mercenary, Louis Forget, who worked (mostly in the sth. Americas) for Sander & Co., Eng. nurserymen, for c20yrs. ex Brazil to Bolivia, cf. *Masdevallia forgetiana* Kraenzl.1895. syn. *M. infracta*.

form: as in Eng.: form; shape; appearance; figure; style; type; kind; like, etc.

forma: used in a generic name (+ ref. "correct name", see "C"). You can't have a variety of a variety, so forma is used, as a form (of).

formicifera: ref. *formica*: ant +-fer: bearing ants. Listed as ref. the labellum calli, likened to ants. cf. *Chiloglottis formicifera*.

formicophily: technical term for when flowers are pollinated by ants. In PM.PNG., we nick-named a *Bulbophyllum* species "the ant's mate" because no matter where we found it, was always covered in little black ants. The flowers may be pollinated by them, but I have learned the plant exudes a waxy substance and the ants harvest this product.

formosa: easy, it's from Formosa. Wrong! (for this, see *formosana*). Ref. *formosus*: beautiful; shapely; pleasant, etc. cf. *Caladenia formosa* (actually, is from Vic., Aust.).

Formosae: see *formosa*, *formosana*. = *Dendrobium* section.

formosana: belonging to Formosa. cf. *Pleione formosana* Hayata 1911. Whilst reading, noted this trivium: the Chinese call Formosa, Taiwan: terraced bay and (c1590) the Portugese called it, *Ilha Formosa*: beautiful island.

formosanum: as *formosana*. cf. *Bulbophyllum formosanum* (Rolfe) K.Nackej.1973.

formosanus: as *formosana*. cf. *Anoectochilus formosanus* Hayata 1914.

formosensis: from Formosa. cf. *Orchis formosensis* S.S.Ying 1977. syn. *Amitostigma gracile*.

formosissimum: beautiful; shapely, etc.+ emphasis: very, etc. cf. *Oncidium formosissimum*.

formosum: as *formosa*: beautiful, etc. cf. *Genoplesium formosum*. Noted as endemic to NSW., Aust.

formosus: as *formosum*. cf. *Haplochilus formosus*. syn. *Bulbophyllum formosum*.

formula: with crosses and hybrids: the names of the parent plants, connected by the sign "x". eg. The formula of: *Dendrobium discolor* x *D. bigibbum* x *D. discolor* (:

Dendrobium x *superbiens*). If the speceps. are combined into a single hyphenated name, it is considered as a “condensed formula”.

fornicata: arched; arch-like. Ref. *fornix*: an arch; vault, + suffix. Or, ref. *fornicatus*: arched; bowed; vaulted; arch-like. cf. *Epipactis fornicata*. syn. *Acianthus fornicatus*. Noted as endemic to eastn. Aust.

fornicatum: as *fornicata*. Ref. labellum apex: arched and incurved. cf. *Dendrobium fornicatum*. syn. *D. obtusum*.

fornicatus: as *fornicata*. Ref. the median sepal. cf. *Acianthus fornicatus*. Noted as endemic to eastn. Aust.

fornix: vault; arch. cf. *Pleurothallis fornix*.

forrestii: listed for orig.coll., phytologist, George Forrest [+ of] (1873-1932), who collected in China. ex Yunnan Prov., cf. *Pleione forrestii* Schltr.1912. + See next entry.

forrestii: cf. *Pyrorchis forrestii* (F.Muell.) D.L.Jones & M.A.Clem.1995. Listed for orig.coll., Sir John Forrest, famous West.Aust. explorer. In 1869 he led an expedition into the interior to the edge of the Great Victoria Desert, for Baron Sir F.von Mueller (see *muelleriana*). On other occasions he was accompanied by his brother, Alexander and between them they explored much of the state of Western Australia.

forsteri: not sure which Mr.Forster this is for, or if for both*. cf. *Thelymitra forsteri* Sw.1800 syn. *T. longifolia*.*Ref. father and son team: Johann Reinhold Forster (1729-1798) and (the son) Johann Georg Adam Forster (1754-1794). More, see *Thelymitra*.

forstermannii: see *foerstermannii*. ex Borneo, etc., cf. *Calanthe forstermannii* Rchb.f.1883. syn. *C. lyroglossa*.

forsythiana: belonging to Forsyth (? or, of *Forsythia*, see *forsythiiflora*). Ref. 18th century British botanist and royal gardener, William Forsyth. ex Madagascar, cf. *Oeonia forsythiana* Kraenzl.1900. syn. *O. rosea*.

forsythianum: as *forsythiana*. ex Madagascar, cf. *Bulbophyllum forsythianum* Kraenzl.1899. syn. *B. cataractarum*.

forsythiiflora: *Forsythia* + flower. Noted, the flowers were likened to those of *Forsythia* shrubs, which have mostly yellow bell-like flowers (family: *Oleaceae*, + see *forsythiana*). cf. *Calanthe forsythiiflora*. syn. *C. lyroglossa*.

fortunae: of Fortuna (village), Chiriquí Prov., Panama. cf. *Pleurothallis fortunae* Luer & Dressler 1991.

fortunei: listed for orig.coll., botanist, Robert Fortune (1812-1880). Noted, he found the plants, (then) fairly common in the Hong Kong area. cf. *Spathoglottis fortunei* Lindley 1845. syn. *S. pubescens*.

fosbergii: listed for botanist and author, Francis Raymond Fosberg (1908-1993). Descs. accr. to him are abbr. to: Fosb. ex Ecuador, cf. *Epidendrum fosbergii* Hágsater & Dodson 2001.

fossulata: ref. *fossula*: small ditch; rut (as a groove).+ like; having. cf. *Pleurothallis fossulata*.

fourkensis: from Foúrka. For place name, only listed as ex Greece. Noted two towns, one of Ioannina, Epirus and the other of Khalkidhiki (peninsula), Central Macedonia. cf. *Dactylorhiza x fourkensis* B.& E.Willing 1987.

fournierae: see *fournieri*. cf. *Angraecum fournierae* Andr. syn. *Aerangis stylosa* (is listed as such, but *A. stylosa* is noted as syn. to *Aerangis cryptodon*?)

fournieri: for botanist and author, Eugene Pierre Nicolas Fournier [+ of] (1834-1884). Descs. accr. to him are abbr. to: Fourn. cf. *Phalaenopsis amabilis* var. *fournieri* Cogn.(syn.?). Took this info. from a book and there isn't any official listing.

fournieriana: as *fournieri* (+ belonging to). ex Madagascar, cf. *Sobennikoffia fournieriana* (Kraenzl.) Schltr.1925.

fournierianum: as *fournieriana*. cf. *Angraecum fournierianum* Kraenzl. syn. *Sobennikoffia fournieriana* (Kraenzl.) Schltr.1925.

fovea (sing.), foveae (pl.): technical term, sometimes seen in discussions and descriptions. Ref. *fovea*: a pit. As a surface depression; a dent, etc. + See foveate.

foveata: see foveate. cf. *Maxillaria foveata*. syn. *Xylobium foveatum*.

foveate: see fovea, with Eng. suffix: like, or having surface depression(s); dent(s), etc. Pitted. Have only seen this word a couple of times and noted that fovea, foveate, etc. are supposed to be more applicable to biology.

foveatum : see foveate. Ref. the labellum, has an obvious central depression. cf. *Bulbophyllum foveatum*. syn. *B. savaiense* ssp. *subcubicum*.

foveola: see fovea, with dimin. suffix: small fovea.

foveolate: see foveate, with an added dimin. suffix: like, or having a small fovea.

fowlieana: of, or belonging to Fowlie, see *fowliei*. ex Costa Rica, cf. *Stanhopea x fowlieana* Jenny 1993.

fowliei: listed for Jack A.Fowlie, phytologist, orchidologist and editor of the American magazine "Orchid Digest". ex the Philipp., cf. *Paphiopedilum fowliei* Birk.1981.

foxworthii: for orig.coll., phytologist and authority, Frederick William Foxworthy (1877-1950). Descs. accr. to him are abbr. to: Foxw. ex Luzon Island, Philipp., cf. *Luisia foxworthii* Ames 1908.

foxworthyi: as *foxworthii*. ex Luzon, Philipp., cf. *Dendrochilum foxworthyi* Ames 1908.

fracta: broken. cf. *Coelandria fracta*. syn. *Dendrobium fractum*.

fracti-: used in combwds., ref. *fractus*: broken.

fractiflexa: as *fractiflex*. cf. *Mormodes fractiflexa*.

fractiflex: noted as coined from *fractus* + *flexus*. Similar to flexuose, but infers: harder, sharper bends, as angles; zig-zagging.

fractiflexa: see *fractiflex*. cf. *Appendicula fractiflexa*.

fractiflexoides: noted it was compared to *Bulbophyllum fractiflexum* (+ *-oides*: resembling). cf. *Bulbophyllum fractiflexoides*. syn. *B. fractiflexum*.

fractiflexum: zig-zagged, see *fractiflex*. cf. *Bulbophyllum fractiflexum*. Pers.coll., not uncommon ex PM.PNG.

fractiflexus: zig-zagged, see *fractiflex*. cf. *Elleanthus fractiflexus*.

Fractiunguis: Schltr.1922: ref. *fractus*: broken + *unguis*: claw; nail. Ref. the labellum. eg. *Fractiunguis reflexus*. syn. *Reichenbachanthus emarginatus*.

fractum: ref. *fractus*: broken. cf. *Dendrobium fractum*.
fragilis: brittle; fragile; easily broken. cf. *Liparis fragilis*.
fragosa: as *fragosus*. cf. *Altensteinia fragosa*. syn. *Aa maderoi*.
fragosus: descwd., listed as the one word: rough; uneven; broken.
fragrangis: scent(-ed) + small vessel. cf. *Angorchis fragrangis*. syn. *Angraecum cucullatum*.
fragrans: pleasant smelling. cf. *Thelymitra fragrans*. Noted as endemic to eastn. Aust.
fragrantissima: fragrant + an emphasis: very, etc. cf. *Caladenia fragrantissima*. Noted as endemic to Vic., Aust.
fragrantissimum: very fragrant. cf. *Calonema fragrantissimum*. syn. *Caladenia fragrantissima*.
franchetiana: belonging to Franchet. Listed for orig.coll., botanist and author, Adrien René Franchet (1834-1900). ex India, cf. *Zeuxine franchetiana* King & Pantl.1898.
franchetii: as *franchetiana*. ex China, cf. *Cypripedium franchetii* Rolfe 1912.
franciscana: could be for a person (see *gonzalezii* ?), or a place name (+ belonging to). Listed as ex Colombia, noted two villages named Francisco, both of Guainía Department, Colombia (?). cf. *Stelis franciscana* O.Duque 1997.
francisii: listed for phytologist and author, William Douglas Francis (1889-1959). ex Fiji, etc., cf. *Hetaeria francisii* Schltr.1911.
francoisii: listed for E.Francois (+ of) of the Scientific Research Institute, Madagascar. He was mainly responsible for the establishment of the Tsimbazaza Botanical and Zoological Park. cf. *Gastrophysalis francoisii* Schltr.1924.
frangipani: an entry for cross-reference. A common name for flowering trees in the order of *Gentianales* and the family *Apocynaceae*. The one I ref. to throughout this text, has white flowers with a yellow throat and a beautiful, heady, pervading perfume.
fransseniana: listed for Captain A.Franssen Herderschee (+ belonging to). Was with a Dutch military expedition to Mt.Wilhelmina, Papua, Indon., 1912-'13. cf. *Glomera fransseniana* J.J.Sm.1914. Noted as endemic to New Guinea.
franssenianum: as *fransseniana*. cf. *Diplocaulobium franssenianum* (J.J.Sm.) A.D.Hawkes.
frappieri: listed for botanist and author, Charles Frappier (fl.1853-'95). Descs. accr. to him are abbr. to: Frapp. ex Réunion Island, cf. *Bulbophyllum frappieri* Schltr.1915.
frascae: of Case **Frasca**, a town of Catania, central Sicily, Italy. cf. *Ophrys* x *frascae* Galesi.
fratercula: ref. *fraterculus*: little brother. cf. *Lepanthes fratercula*.
fraterna: ref. *fraternus*: brotherly. cf. *Stelis fraterna*. syn. *S. viridipurpurea*.
fraternum: as *fraterna*. cf. *Pteroceras fraternum*.
fraternus: as *fraterna*. cf. *Sarcochilus fraternus*. syn. *Pteroceras fraternum*.
fratra: as *fratrum*. cf. *Crossoglossa fratra*.
fratrum: brother (to),+ ref. *fratris*: brother; very close relative. cf. *Cleisostoma fratrum*. syn. *Thrixspermum hystrix*.
fraudulentum: ref. *fraus*, *fraudis*: fraud; deceit; lie + abundant; plenty, etc. With this specep., maybe the author was showing his frustration and confusion in his attempts to classify it. cf. *Bulbophyllum fraudulentum*.
frederici-augusti: listed as dedicated to Prussia's **King Frederick** William IV (1795-1861). ex Colombia, cf. *Epistephium frederici-augusti* Rchb.f.1854.

frederici-guilielmi: this must be an error, as the official listing is *friderici-guilielmi* and all refs. are the same.

x *Fredschechterara*: F.Schechter & J.M.H.Shaw. Obviously for the (first) author (+ of, or belonging to). On the syn. list and noted as a result of *Broughtonia* x *Cattleya* x *Epidendrum* x *Laelia*.

Fregea: Rchb.f.1852. Listed for O.Frege, noted grower, of Leipzig, Germany. syn. *Sobralia* Ruiz & Pav.

fregeana: as *Fregea*. ex Mexico, cf. *Stanhopea fregeana* Rchb.f.1855. syn. *S. maculosa*.

frenchiana: for orig.coll., G.French (+ belonging to) of Vic., Aust.. cf. *Cryptostylis leptochila* var. *frenchiana* F.Muell. syn. *C. leptochila*. Noted as endemic to eastn. Aust.

frenchii: as *frenchiana*. cf. *Prasophyllum frenchii* F.Muell.1889. Noted as endemic to Aust.

freycinetioides: refs. to *Freycinetia*, the genus of the screw pine family (*Pandanaceae*) which produces berries. The liana-like plants have rigid leaves and small dioecious (see "D") flowers, +-*oides*: resembling. cf. *Dipodium freycinetioides* Fukuy. I have noted other authors liken some *Dipodium* species to being reminiscent of a pandanus plant, esp. ref. to the leaves.

freyi: of Frey. For phytologist, M.Frey. ex Espirito Santo state, Brazil, cf. *Pseudolaelia freyi* Chiron & V.P.Castro 2004.

freynii: listed for botanist and author, Josef Franz Freyn (1845-1903). ex Russia to Korea, cf. *Cypripedium* x *freynii* Karo 1896. syn. *C. x ventricosum* Sw.1800.

friable: ref. *friabilis*: easily crumbled. Was in a discussion and ref. to the pollinia.

friburgensis: listed for place name (+ from). May be for the canton of Fribourg, and/or of Fribourg city, Switzerland, or from Freiburg city of Saxony, Germany. By the spelling, possibly the former (?). cf. *Ophrys friburgensis* (Freyhold) O.Nägeli 1912. syn. *O. apifera*. Of interest, see *novofriburgensis*.

friderici-caroli. For orig.coll., see *carolii*. ex Colombia, cf. *Maxillaria friderici-caroli* P.Ortiz 1991.

friderici-guilielmi: orig. found by Warscewicz (see "W") in Peru. It is noted the Lat'd. specep. was dedicated to King **Frederick William** IV of Prussia (1795-1861). cf. *Epidendrum friderici-guilielmi* Rchb.f.& Warsz.1854.

friedrichsthalii: listed for orig.coll.(+ of). The type is noted as: "Chontales Prov.,Guatemala, Friedrichsthal". Ref. naturalist and botanist, Emanuel von Friedrichsthal (1809-1842). Descs. accr. to him are abbr. to: Friedr. cf. *Maxillaria friedrichsthalii* Rchb.f.1852.

friesica: Lat'd. spelling, listed for place name: belonging to the Frisian Islands (: *Friesland*), near the coast of Denmark. cf. *Gymnadenia conopsea* var. *friesica* Schltr.

friesii: of Fries. Listed for botanist and author, Klas Robert Elias Fries (1876-1966) + see *friesiorum*. ex sthn. Africa, cf. *Brachycorythis friesii* (Schltr.) Summerh.1955.

friesiorum: listed for orig.colls. Swedish botanists, brothers Rob (info., see *friesii*) and Thore Christian Elias Fries (1886-1930) + of, belonging to. ex Africa, cf. *Aerangis friesiorum* Schltr.1924. syn. *A. thomsonii* (Rolfe) Schltr.

frigida: ref. *frigidus*: cold; stiff; inactive.+ Can be: flat; uninteresting. cf. *Disa cephalotes* ssp. *frigida*.

frigidum: as *frigida*.+ Can be, simply: cold. It does come from a very high altitude. cf. *Dendrobium frigidum*. syn. *D. masarangense* ssp.*theionanthum*.

frilehmannii: perhaps *fri-*, is a contraction for Friedrich + Lehmann (+ of), info. see *lehmannii* (?). ex Bolivia, cf. *Masdevallia frilehmannii* Luer & R.Vásquez 2001.

fritillaria: see *fritillariiflorum*. cf. *Pleurothallis fritillaria*. syn. *P. restrepioides*.

fritillariiflorum: flowers likened to those of *Fritillaria*; a genus of bulbous plants, of the lily family (: *Liliaceae*), usually spotted (see *fritillum* +-are) + *florum*: flower. cf. *Bulbophyllum fritillariiflorum*.

fritillum: ref. *fritillus*: a dice-box; small container for throwing dice. Can also imply: spotted (like dice). ex Peru, cf. *Telipogon fritillum* Rchb.f.& Warsz.1854.

fritz-halbingeriana: “Fritz”: is noted to be a nick-name for Federico Halbinger, see *halbingeriana*. ex Mexico, cf. *Barkeria fritz-halbingeriana* Soto Arenas 1993.

fritzianum: belonging to Fritz, for the given name of Fritz Hamer (+ see *hameri*). ex Ecuador, cf. *Epidendrum fritzianum* Hoehne 1952.

frivaldii: listed for Hungarian botanist, Emerich Frivaldszky von **Frivald** [+ of] (1799-1870). Descs. accr. to him are abbr. to: Friv. ex the Balkan Peninsula to the sthn.Carpathians, cf. *Gymnadenia frivaldii* Hampe ex Griseb.1846.

friwaldskyana: see *frivaldii* (+ belonging to). cf. *Gymnadenia friwaldskyana* Hampe ex K.Richt.1890. syn. *G. frivaldii*.

froebeliana: belonging to Froebel. For botanist and author, Karl Otto Froebel (1844-1906). ex the Philipp., cf. *Vanda sanderiana* var. *froebeliana* Cogn. syn. *Euanthe sanderiana*.

Fronitaria: Luer 1986: see *frondis* + -are: like, etc. Listed as ref. the sheaths of the ramicaul (: leaf-like?). eg. *Fronitaria caulescens*. Noted as monotypic, from westn.Sth.America.

frondis: confusing as in Eng., a frond is a very leafy structure on certain plants, like ferns, palms, etc. But my refs. say, *frondis*: foliage; a leafy bough, or branch; a leafy garland.

frons: descwd., and is simply defined as a leaf.

frons-bovis: puzzling, as it lit.trans. to: leaf + of cattle; oxen (the leaves, likened to horns?). cf. *Epidendrum frons-bovis*. syn. *E. paniculatum*.

frontinensis: as *frontinoensis*. cf. *Stelis frontinensis* O.Duque 1997.

frontinoense: as *frontinoensis*. cf. *Cyrtidium frontinoense* Garay 1969. syn. *Cyrtidiorchis frontinoensis*.

frontinoensis: for place name: from Frontino, a town of Antioquia Department, Colombia. cf. *Cyrtidiorchis frontinoensis* (Garay) Rauschert 1982.

frostii: ex Vietnam and is only listed as: “Annam, Frost” (for the orig.coll.). cf. *Bulbophyllum frostii* Summerh.1928.

fructification: the etym. is from *fructus*: fruit + ref. *facere*: to make. The act, or event of forming fruit; fruiting. eg., “...the fructification of many species...”.

fructosus: seen in descs.: fruitful; productive, etc.

fructuosus: ex *fructus*: fruit, + Eng. suffix: fruit-producing. eg. “... fructuosus plants”.

fruit: the swollen ovary area after fertilization (below the column and floral segments).

With all the books I’ve read, most authors (almost) exclusively use the word,

capsule to describe the “fruit”. Have not (yet) found an entry that states this is an official alternative.

frustrans: deceiving; thwarting. Possibly, because so many authors often express the difficulties in determining the species of *Bulbophyllaceae*. cf. *Bulbophyllum frustrans*.

frustulum: descwd., ref. *frustum*: a scrap; piece; bit +dimin.: a little bit; small piece, etc.

frutetorum: ref. *frutex*: a shrub + suffix, habitat; place of growth. Likes to live under scrubby bushes. cf. *Microtis frutetorum*. syn. *M. unifolia*.

frutex: a shrub; bush. Ref. the panicle inflo., alluding to it being bushy. cf. *Epidendrum frutex*.

fruticetorum: shrub; bush + habitat; place of growth. cf. *Epidendrum fruticetorum*.

fruticicola: ref. *fruticis*: bush; shrub + resident; dweller. cf. *Bulbophyllum fruticicola*.

Fruticicola: (Schltr.) M.A.Clem.& D.L.Jones 2002: shrub + dweller. syn. *Bulbophyllum*.

Fruticicola: shrub + dweller.= *Bulbophyllum* section.

fruticola: shrub + dweller. cf. *Bulbophyllum fruticola*.

fruticosa: ref. *fruticosus*: shrub-like; shrubby; bushy. cf. *Appendicula fruticosa*. syn. *A. buxifolia*.

fruticosum: as *fruticosa*. cf. *Podochilus fruticosum*. syn. *Appendicula buxifolia*.

fruticosus: as *fruticosa*. cf. *Podochilus fruticosus*.

fruticula: ref. *fruticis* + dimin.: small shrub. Alluding to the plant appearance. cf. *Glomera fruticula*. Noted as endemic to New Guinea.

fruticulosa: see *fruticosa* with an added dimin. Likened to a very small shrub. cf. *Glomera fruticulosa*.

fruticulum: small shrub; small bush. cf. *Epidendrum fruticulum*.

fruticulus: as *fruticulum*. cf. *Stelis fruticulus*. syn. *S. purpurea*.

fryana: listed for botanist and naturalist, L.Fry (+ belonging to). Noted as ex Timor Island, Indon. cf. *Diuris fryana* Ridl.1885.

fryanus: listed for orig.coll., botanist R.Fry (+ belonging to). ex Brazil, cf. *Macrochilus fryanus* Knowles & Westc.1837. syn. *Miltonia spectabilis*.

fucata: see *fucatum*. cf. *Maxillaria fucata*.

fucatum: ref. *fucus*: a reddish dye, + can be a reddish cosmetic face make-up, like rouge + suffix: like; having. (Of interest, see *fuciflora*). Noted as, painted, coloured, or dyed, rather streakily and unskilfully in “red”. cf. *Epidendrum fucatum*. syn. *Encyclia fucata*.

fuchsii: listed for German physician and botanist, Leonhard Fuchs (1501-1566). Was Prof. of Medicine at the Univ. of Tübingen, Germany and was a serious investigator of natural and herbal medicines. His best known work, *De Historia Stirpium* (1542)*, is noted as still a major reference. Of interest, the popular house and garden plants, Fuchsia was also named for him. Fuchsias belong to the evening primrose family, *Onagraceae*. *A fairly important cross-reference, also see *Specklinia*. ex Europe to Siberia, cf. *Dactylorhiza fuchsii* (Druce) Soó. + See next entry.

fuchsii: listed for phytologist and author, Alfred Fuchs (+ of). ex France, cf. x *Dactylodenia fuchsii* (Kellerm.& Soó) Peitz 1972. + See next entry.

fuchsii: a type is simply listed as: "Guatemala, Hort. Fuchs". Which means: it's from Guatemala and was first noted as grown by a Mr.Fuchs*+ Hort., see hort.: belonging to the garden (of). cf. *Epidendrum fuchsii* Regel 1850 (this date makes me think it may be for *Prof.Leonhard Fuchs?, see *fuchsii*, previous entry). syn. *Barkeria skinneri*.

fuciflora: cf. *Ophrys fuciflora*. syn. *O. sphegodes*. One of the commonly called "bee orchids" because the flowers are likened to insects, esp. bees, flies, etc. The specep. is coined from two words, *fuci*-+ *flora*, *flora* is easy: flower, but *fuci*- is a contraction and could be from one of the following :-

fucus: a reddish dye; dyed with red. The flowers do have a lot of "red".

fucus: deceit; pretense. For its pretense to be an insect (?).

fucus: a drone; a male bee. (Aha!)

fucus: a cosmetic, likened to rouge (face make-up). For the "red" of the flowers (?)

fuci: plural of *fucus*: a (reddish) rock lichen. (Don't think so!).

So take your pick, but I like the "drone".

fucifolia: red, reddish + leaf. cf. *Ophrys fucifolia*.

fuegi: listed for the area where it was found: of Volcán de Fuego (a volcano), s.west of Guatemala City. cf. *Pleurothallis fuegi* Rchb.f.1866.

fuerstenbergiana: for noted grower and nurseryman, F.von Fuerstenberg (+ belonging to). ex central west. Africa, cf. *Nervilia fuerstenbergiana* Schltr.1911.

fuerstenbergianum: as *fuerstenbergiana*. cf. *Dendrobium fuerstenbergianum* Schltr. Noted as endemic to Thailand.

fuerstenbergianus: as *fuerstenbergiana*. ex China to Indo-China, cf. *Sarcanthus fuerstenbergianus* (Kraenzl.) J.J.Sm.1912. syn. *Cleisostoma fuerstenbergianum* Kraenzl.1909.

fuerstenbergii: as *fuerstenbergiana*. On the syn. list, cf. *Eriopsis fuerstenbergii* Kraenzl.

Fuertesilla: Schltr.1913. Listed for Spanish missionary, botanist and authority, Padre Manuel Domingo Fuertes de Barahona + -ella: respectful suffix. eg. *Fuertesilla pterichoides*. Noted as monotypic ex Cuba to Hispaniola.

fuertesii: see *Fuertesilla*. ex the trop. Americas, cf. *Epidendrum fuertesii* Cogn.1912. syn. *Prosthechea vespa*.

Fugacia: see fugacious.= *Dendrobium* section (syn.?).

fugacious: ref. *fugax* + (Eng.) suffix: fleeting; transitory; swift. Fading, or withering soon after opening; wilting in a relatively short space of time. eg. Flower opens at dawn and is withered and wilting by noon. Sadly many delightful species are fugacious. + See ephemeral, evanescent.

fugax: see fugacious. cf. *Flickingeria fugax*.

fugiens: fleeing; fleeting, see fugacious. cf. *Lepanthes fugiens*.

fujimorianum: belonging to Fujimori. Refs. to Alberto Fujimori (b1938), president of Peru (1990-2000). ex Peru, cf. *Epidendrum fujimorianum* D.E.Benn.& Christenson 1998.

fujisanensis: from Fuji-san (the famous Mt.Fuji, volcano), central Honshu Island, Japan. cf. *Liparis fujisanensis* F.Maek. ex Konta & S.Matsumoto 1997.

fukiense: listed for place name: from Fujian Prov.(aka. **Fukien**), s.east China. cf. *Cymbidium fukiense*. Yen 1964. syn. *C. faberi*.

fukuyamae: listed for botanist and author, Noriaki Fukuyama [+ of] (1912-1946). ex Kosrae, Caroline Islands, cf. *Bulbophyllum fukuyamae* Tuyama 1941.

fulgens: shining.+ Ref. *fulgidus*: bright; shiny. cf. *Cordiglottis fulgens*.

fulgenscens: shiny; shining + suffix: tending to; becoming. Ref. shiny tips of the floral segments. cf. *Dendrobium fulgenscens*

fulgidum: ref. *fulgidus*: bright; shiny. cf. *Dendrobium fulgidum*. syn. *D. cuthbertsonii*.

fulgifera: soot + bearing, + see *fuliginous*. cf. *Dracula fulgifera*.

fuligineum: see *fuliginous*. cf. *Dendrobium fuligineum*.

fuliginous: of soot; sooty (+ ref. Eng., fuliginous). Ref. *fuligo*, *fuliginis*: soot. + As a colour term: a dark, dirty brownish-grey. Can be many shades, through to almost "black".

fuliginosa: soot + suffix: full of, abundant, etc. + see *fuliginous*. Ref. the labellum. cf. *Coelogyne fuliginosa*. syn. *C. fimbriata*.

Fuliginosae: (those being) sooty, see *fuliginosa*. = *Coelogyne* section.

fuliginosum: see *fuliginosa*. cf. *Dendrobium fuliginosum*.

fuliginous: sooty; dark, etc., see *fuliginous*.

fulminicaule: a strange choice for a specep. (but, if my interpretation is right, it's a good one). Ref. *fulminis*: thunderbolt, or *fulmineus*: of lightning + see *caulis*: stem; stalk. By a (very brief) description, the basal part of the flattened stems are "blackened" (actually, very dark green) and the leaves are also "blackened". Perhaps the misshapen stem and blackening give the fanciful allusion to having been struck by lightning (?). ex Sumatra, Indon., cf. *Dendrobium fulminicaule*.

fulminicaulis: as *fulminicaule*. cf. *Anisopetala fulminicaulis*. syn. *Dendrobium fulminicaule*.

fulva: see *fulvus*: tawny. cf. *Caladenia fulva*. Noted as endemic to Vic., Aust.

fulvescens: ref. *fulvus* + suffix: tawny + tending to, or becoming, cf. *Masdevallia fulvescens*.

fulvibulbum: tawny-yellow + bulb. cf. *Bulbophyllum fulvibulbum*.

fulvilabia: tawny-yellow + lip. cf. *Polystachya fulvilabia*.

fulvofusca: see *fulvus* + see *fusc-*. cf. *Ophrys apifera* var. *fulvofusca*. syn. *O. apifera*.

fulvum: see *fulvus*. cf. *Crepidium fulvum*.

fulvus: a colour term: a yellowy-brown; tawny-yellow.

fumata: smoky; smoke-like.+ See *fumeus*. cf. *Glomera fumata*.

fumatum: as *fumata*. cf. *Orchiodes fumatum*. syn. *Goodyera fumata*.

fumeus: listed as a vague colour term: smoky-grey, verging on brown.

fumosus: descwd., see *fumeus*: smoky-grey + *-osa*: full of; abundant, etc.

funale: ref. *funis*: rope; chord + *-ale*: of; relative to. cf. *Limodorum funale*. syn. *Dendrophylax funalis*.

funalis: as *funale*. cf. *Dendrophylax funalis*.

funckiana (+ *funkiana*): for Nicolas Funk (Funck ?) + belonging to. Info. see *Orchidofunkia* and *Funkiella*. ex Venezuela, cf. *Spiranthes funckiana* A.Rich.& Galeotti 1845.

funckianum: as *funckiana*. cf. *Epidendrum funckianum* A.Rich.& Galeotti. Listed among the synonyms, with no further info.

funckii: as *funckiana*. ex French Guiana, cf. *Galeandra funckii* Lindley ex Rchb.f.1856. syn. *G. baueri* Lindley 1830.

funnebris: lit.: of burial. Haven't read a description on this one, so have no info. as to why such a dismal specep. I'll speculate: the flowers are very dark, as if dressed for a funeral (?). cf. *Masdevallia funnebris*. syn. *M. reichenbachiana*.

funera: ref. *funus*, *funeris*, *funereus*: are all to do with death; mourning; of funerals, etc. The words can also mean: mournful; gloomy; dismal; funereal, etc. Or, "clothed in black", as in mourning (ie., having very dark flowers). cf. *Pleurothallis funera*.

funerea: ref. *funereus*: of burial. + See *funnebris*, *funera*. cf. *Maxillaria funerea*.

funereum: as *funerea*. cf. *Oncidium funereum*. syn. *O. maculatum*.

fungi (pl.), *fungus* (sing.): noted as adopted from Lat., *fungus*: mushroom. Members of a large group of plants which are devoid of chlorophyll and cannot manufacture their own food. Fungi include moulds, mildews, smut, toadstools and mushrooms. + See mycorrhiza, protocorm, ectotrophic mycorrhiza.

fungosus: descwd.: sponge-like; spongy. Ref. *sfungus*, or (s)*fungus*: sponge, +-osa: like, etc. Noted this whilst reading about the structure and composition of orchids. It can ref. to the spongy inner material (the mesophyll), mostly of leaves, stems and to a much lesser extent, of roots. + See parenchyma.

fungumolens: ref. *fungus*: mushroom + *olens*: smelling. A musty perfume, likened to that of a mushroom. cf. *Oberonia fungumolens*.

funicaulis: rope; chord (see funiform) + stem; stalk. cf. *Maxillaria funicaulis*.

funicule: ref. *funiculus*: small rope; cord. A technical term: a stalk attaching an ovule to a placenta within the locule of a capsule. If you must see one, dissect a capsule and get out your microscope! + See cytology, cytotaxonomy (microscopic investigation).

funiculum: small rope; cord. Probably ref. the roots. cf. *Taeniophyllum funiculum*.

funiferum: rope; chord + bearing. cf. *Epidendrum funiferum*. syn. *E. polyanthum*.

funiform: ref. *funis*: rope; cord + form; shape. Doesn't have to be wound or plaited, can be a single strand. eg. A rhizome could be called funiform.

funiforme: as funiform. cf. *Dendrobium funiforme*. syn. *Cadetia funiformis*.

funiformis: as funiform. cf. *Cadetia funiformis*.

funingense: for place name (+ from), listed as ex s.east China. Noted at least five places with the same name and the one that seems the most likely is Funing Bay (*Funing Wan*) of Fujian Prov.(?). cf. *Bulbophyllum funingense* Z.H.Tsi & H.C.Chen 1981.

funis: see funiform. cf. *Cyrtochilum funis*.

funiushanense: for place name (+ from), only listed as ex s.east. China (-shan-: mtn.). cf. *Dendrobium funiushanense* T.B.Chao, Z.X.Chen & Z.K.Chen 1992. syn. *D. huoshanense*.

funckiana: belonging to Funk, info. see *Orchidofunkia*, *Funkiella*. ex Mexico to Costa Rica, cf. *Pelexia funckiana* (A.Rich.& Galeotti) Schltr.1918.

Funkiella: (listed as the correct spelling, but have noted it as *Funckiella*) Schltr.1920. For Nicolas Funk (Funck?) + respectful suffix. He may have been the orig.coll., more info., see *Orchidofunkia*. Listed as ex Mexico to Guatemala, eg. *Funkiella hyemalis*.

funkii: of Funk (Funck?), info. see *Orchidofunkia*, *Funkiella*. Listed as ex New Guinea and Pacific Islands, cf. *Cystopus funkii* Schltr. 1910. syn. *Pristiglottis longiflora*.

furcata: see furcate. ex NZ. and Aust., cf. *Pterostylis furcata*.

furcate: ref. *furcatus*: forked; deeply divided. Having a narrow V, or Y shape.

furcatipetala: furcate + petals. cf. *Lepanthes furcatipetala*.

furcatopedicellatum: see furcate + pedicellate. The axis is (almost) non-existent, so the pedicels appear to be forking in a "V" from the same point on the stem. Typical of many of *Dendrobium* section *Grastidium* and most often, the flowers face each other. cf. *Dendrobium furcatopedicellatum*.

furcatum: see furcate. cf. *Dendrobium furcatum*.

furcifera: fork (+ see furcate) + -fer: bearing. cf. *Habenaria furcifera*.

furciferum: as *furcifera*. Ref. rear of lip. cf. *Bulbophyllum furciferum*. syn. *B. ochroleucum*.

furcillata: see furcate + dimin., + ref. *furcilla*: small fork + suffix: like; having. cf. *Pterostylis* x *furcillata* Rupp 1930. A reported natcross of *P. ophioglossa* x *P. obtusa*. Noted as endemic to NSW., Aust.

furcillatum: as *furcillata*. cf. *Dendrobium furcillatum*. syn. *Cadetia chionantha*.

furcipetala: fork + petals, or see -petalo-: wide; broad. cf. *Habenaria furcipetala*. syn. *H. kyimbilae*.

furcistipes: fork + see stipe. cf. *Tridactyle furcistipes*.

furcula: small fork. ex Peru, cf. *Stigmatosema furcula*.

furcyense: from Furcy. Listed as ex Haiti, noted two villages of this name, close to each other on the sthn. peninsula. cf. *Oncidium furcyense* Moir 1969. syn. *O. variegatum*.

furfuracea: see furfuraceous. cf. *Laelia furfuracea*.

furfuraceous: ref. *furfur*: bran + Eng. suffix, mostly for scales likened to bran. Also can be taken as: mealy; scurfy; scaly.

furfuraceum: as furfuraceous. cf. *Brachionidium furfuraceum*.

furfuraceus: as furfuraceous. Ref. the scaly ovary. cf. *Elleanthus furfuraceus*.

furfurifera: as *furfuriferum*. cf. *Amblyanthe furfurifera*. syn. *Dendrobium furfuriferum*.

furfuriferum: bran-like scales + bearing. + See furfuraceous. Ref. exterior of sepals. cf. *Dendrobium furfuriferum*.

furstenbergiana: see *fuerstenbergiana*. cf. *Ascotainia furstenbergiana* Schltr.

furva: ref. *furvus*: very dark; blackish. cf. *Vanda furva*.

furvum: as *furvus*. cf. *Epidendrum furvum*. syn. *Vanda furva*.

furvus: a descwd., more so than a colour term: swarthy; blackish; dusky; very dark.

fusc-, *fusci-*, *-fusca*, *-fuscum*, *-fuscus*: used in combwds. to express the shade: dark (of many base colours). + Can be a vague colour term, ref. *fuscus*: a dark blackish-brown.

fusca: dark + see *fusc-*. cf. *Goodyera fusca*.

fuscans: being a dark, blackish-brown. cf. *Oncidium fuscans*.

fuscata: darkened + see *fusc-*. cf. *Caladenia fuscata*. Noted as endemic to eastn. Aust.

Fuscatae: those being dark. = *Phalaenopsis* section.

fuscatum: ref. *fuscatus*: darkened, + see *fusc-*. cf. *Bulbophyllum fuscatum*.

fuscatus: darkened. cf. *Petalochilus fuscatus*. syn. *Caladenia fuscata*.

fuscescens: see *fusc-*+ suffix: becoming dark; tending to darken. cf. *Epigeneium fuscescens*.

Fuscescentes: (those) becoming very darkened.= *Coelogyne* section.

fusciflorum: see *fusc-*+ flower. cf. *Bulbophyllum fusciflorum*.

fuscina: I said, *fusc-*+ *ina*, wrong! It's listed as the one word: a trident; three tined fork.

Ref. the trilobate lip. cf. *Oerstedella fuscina*.

fuscofloralis: see *fusc-*+ flower + see *-ale*. cf. *Stigmatosema fuscofloralis*.

fuscoides: see *fusc-*+ resembling. cf. *Bulbophyllum fuscoides*. syn. *B.*

rubrobrunneopapillosum.

fuscolutea: see *fusc-*+ yellow. cf. *Thelymitra fuscolutea*. Noted as endemic to West.Aust.

fuscoluteus: as *fuscolutea*. cf. *Sarcochilus fuscoluteus*. syn. *Micropera fuscolutea*.

fuscolutescens: see *fusc-*+ yellow + becoming. cf. *Caladenia fuscolutescens*. Noted as endemic to West. Aust.

fuscomaculatum: see *fusc-*+ spotted. cf. *Cleisostoma fuscomaculatum*. syn. *C. paniculatum*.

fuscomaculatus: see *fusc-*+ spotted. cf. *Sarcanthus fuscomaculatus*. syn. *Cleisostoma paniculatum*.

fuscopetalum: see *fusc-*+ petals. cf. *Oncidium fuscopetalum*.

fuscopilosum: see *fusc-*+ see pilose: softly hairy. cf. *Dendrobium fuscopilosum*. syn.

Dendrobium orbiculare.

fuscopunctatum: as next entry. cf. *Saccolabium fuscopunctatum*. syn. *Gastrochilus fuscopunctatus*.

fuscopunctatus: see *fusc-*+ punctate: dark + dotted. cf. *Gastrochilus fuscopunctatus*.

fuscopurpurea: see *fusc-*+ purple. cf. *Ione fuscopurpurea*. syn. *Sunipia cirrhata*.

fuscopurpureum: see *fusc-*+ purple. cf. *Bulbophyllum fuscopurpureum*.

fusco-viride: see *fusc-*+ green. cf. *Prasophyllum fusco-viride*.

fuscoviridis: see *fusc-*+ green. cf. *Vanda fuscoviridis*.

fuscum: ref. *fuscus*, see *fusc-*: dark. cf. *Prasophyllum fuscum*. From a description, they are predominantly green (with some brown) and have a strong, very pleasant perfume. Noted as endemic to NSW., Aust.

fuscus: see *fusc-*. cf. *Ornithochilus fuscus*. syn. *O. difformis*.

fusifera: spindle + bearing. cf. *Habenaria fusifera*. syn. *H. marginata*.

fusiform: ref. *fusus*: spindle + shape; form. Any organ, or part centrally swollen and tapering to each end, likened to a spindle.

fusiforme: spindle + shape. Ref. the pseudobulbs. cf. *Dendrobium fusiforme*. syn. *D. jonesii*.

fusiformis: as *fusiform*. cf. *Scaphyglottis fusiformis*.

fustifera: ref. *fustis*: bludgeon; club + bearing. cf. *Pleurothallis fustifera*.

fusum: poured; melted. cf. *Bulbophyllum fusum*.

futile: not as in English, ref. *futilis*: worthless; vain, etc. cf. *Bulbophyllum futile*.

Fytchianthe: "Fytch's flower", see *fytchianum*.= *Dendrobium* section.

fytchianum: belonging to Fytch. Noted the specep. was suggested by the Rev.Parish (see *Parishia*) for General Fytch, with whom he was collecting at the time, in Moulmein, Burma [Myanmar]). cf. *Dendrobium fytchianum* Bateman ex Rchb.f.1864.

gabasiana: belonging to Gabas, a town of Pyrénées-Atlantiques, Aquitaine, sthn. France.

cf. *Gymnadenia gabasiana* Teppner & E.Klein 1998.

gabonense: from Gabon, w.coast, central Africa cf. *Angraecum gabonense* Summerh.1954.

gabonensis: as *gabonense*. cf. *Chamaeangis gabonensis* Summerh.1958.

gabonis: of Gabon, see *gabonense*. cf. *Bulbophyllum gabonis* Linden & Rchb.f.1865. syn.

Genyorchis pumila.

gabunense: see *gabonense*. cf. *Bulbophyllum gabunense* Schltr.1901 syn. *Bulbophyllum colubrinum*.

gacayana: for place name: Volcan de Gacaya, c35kms. south of Guatemala City. cf.

Pleurothallis gacayana Schltr.1925.

gadgarrense: for place name: from Gadgarra Reserve, Atherton Tableland, nth. Qld., Aust. cf. *Bulbophyllum gadgarrense* Rupp 1949.

gadgarrensis: as *gadgarrense*. cf. *Oxysepala gadgarrensis* (Rupp) D.L.Jones & M.A.Clem. 2002. syn. *Bulbophyllum gadgarrense*.

gaesiformis: ref. *gaesum*: kind of small spear; javelin + form; shape. cf. *Cynorkis gaesiformis*.

gagnepainii: listed for author and phytologist, Francois Gagnepain (1866-1952), who collected in the SE.Asia region, esp. Vietnam. Descs. accr. to him are abbr. to: Gagnep. cf. *Cirrhopetalum gagnepainii* Guillaumin 1964. syn. *Bulbophyllum lepidum*.

gairiana: belonging to Gair. Listed for noted grower, John Gair of Falkirk, Eng. ex Ecuador, cf. *Pescatoria gairiana* Rchb.f.1879.

gairianum: as *gairiana*. ex Ecuador, cf. *Zygopetalum gairianum* (Rchb.f.) Rchb.f. ex B.D.Jacks.1895. syn. *Pescatoria gairiana*.

gajoense: for place name (+ from), only listed as ex Sumatra, Indon. cf. *Bulbophyllum gajoense* J.J.Sm.1943.

galachrous: an Eng. adaption of *gala*, milk + ref. *chroma*, colour: milk coloured.+ See *galacti-*.

galactantha: milky + flower. cf. *Habenaria galactantha*.

galactanthum: milky + flower. cf. *Dendrobium galactanthum*. syn. *D. scabrilingue*.

galacti-, *galacto-*: used in compwds., ref. *galaktos*: milk; milk-like (colour).+ Ref. *galaktikos*, as a colour term: milky; milk-white: white, with a faint tinge of blue.

galacticolor: descwd., see *galacti-*+ colour: a milky colour.

galactites: descwd., milk + suffix: resemblance (: those being milky).

galactostictos: milk-white + dotted. cf. *Ophrys galactostictos*. syn. *O. spruneri*.

galantha: could be *gala*: festive; gay + flower. Or, a contraction of *galaktos*: milk-like (colour) + flower (+ see *galanthiflora*). cf. *Maxillaria galantha*.

galanthiflora: this is a contraction and is also mixed Gk. and Latin: milk + flower + flower. It's possible a flower may have been likened to the common "Snowdrop", ie. ref. the genus *Galanthus* (: the first part of the specep., *galanthi-*+ the next part, *-flora*: flower), of the amaryllis family: *Amaryllidaceae* (?). cf. *Aglossorhyncha galanthiflora*.

galatea: again, is simply for “beauty”. Ref. Gk.myth.: Galatea, a sea nymph, one of the fifty daughters of Nereus (old man of the sea). In Roman myth., was a statue of a very beautiful young lady (created by Pygmalion) and brought to life by Venus. ex Haiti, cf. *Cranichis galatea* Dod 1986.

galbana: as *galbanum*. cf. *Eulophiella galbana*.

galbanum: ref. *galbanum*: a resinous gum exuded by many plants. cf. *Dendrochilum galbanum*.

galbanus: as *galbanum*. cf. *Lissochilus galbanus*. syn. *Eulophiella galbana*.

galbina: see *galbinus*. cf. *Porrorachis galbina*.

galbinum: see *galbinus*. cf. *Bulbophyllum galbinum*. syn. *B. uniflorum*.

galbinus: a vague colour term: a greenish-yellow. + Noted it can also mean: “dressed in green”.

galea: helmet, or hood. Organs, parts, or a group likened to the shape are often ref. to as a *galea*, or *galeate*.

Galeandra: Lindley 1830: ref. *galea*: helmet; hood + ref. *andros*: man; male. Refs. to the labellum covering the anther (the “man”). ex French Guiana, eg. *Galeandra baueri*.

galeandra: helmet; hood + male. cf. *Brachycorythis galeandra*.

galeandrae: helmet; hood + male, or was somehow likened to *Galeandra* + of (?). cf. *Eurychone galeandrae*.

galeandriiformis: helmet + male + shape, or was somehow, likened to a *Galeandra* (+ - *formis* ?). cf. *Habenaria galeandriiformis*.

galeandroides: helmet; hood + male + resembling, or was likened to a *Galeandra* (+ - *oides*: resembling?). cf. *Cyrtopodium galeandroides*. + See *galeoandroides*.

x *Galeansellia*: auct. On the syn. list, cf. *Ansellia* x *Galeandra*.

Galearia: Presl 1830: helmet; hood + of; relative to. syn. *Galearis*.

Galearis: Raf.1833: helmet; hood + of; relative to. Ref. the *galea* formed by the median and lateral sepals. Listed as monotypic ex Canada and nthn.USA., cf. *Galearis spectabilis*.

galeata: see *galeate*. cf. *Gongora galeata*.

galeate: see *galea*: helmeted; hooded; having, or like a *galea*.

galeatum; as *galeate*. cf. *Oncidium galeatum*. syn. *O. trulliferum*.

galeatus: as *galeate*. cf. *Monochilus galeatus*. syn. *Zeuxine goodyeroides*.

galeoandroides: was listed as such, but is probably an error, see *galeandroides*. cf. *Cyrtopodium galeoandroides* (*galeandroides*?).

x *Galeodes*: R.Levy & J.M.H.Shaw. On the syn. list, cf. *Galeandra* x *Mormodes*.

Galeoglossum: A.Rich.& Galeotti 1845: see *galea* + tongue. syn. *Prescottia* Lindl.

Galeola: Lour.1790: *galea* + dimin.: small helmet, refs. to a flower. eg. *Galeola nudifolia*.

Would also like to record *Galeola foliata* syn. *Pseudovanilla foliata*. Listed as known to reach a length in excess of 16m (50ft.) and having a huge panicle inflorescence. An amazing holo-saprophyte reported as one of the world’s largest climbing orchids. Noted as endemic to Aust. + See *foliata*.

galeola: small helmet. cf. *Epidendrum galeola*. syn. *Galeola nudifolia*.

Galeolinae: *Galeola* + suffix denotes it’s a subtribe.

galeoloides: small helmet + resembling. Or, may be *Galeola* + resembling (?). cf. *Eulophia galeoloides*.

galeopsidea: see *galea* + see *-ops*: face + resembling. Noted, the anther is curved over the "face". cf. *Ophrys galeopsidea*.

Galeorchis: Rydb.1901: see *galea*: helmet; hood + orchid. syn. *Platanthera* Rich.

Galeottia: A.Rich.1845. Noted he named it for his friend and colleague, French author, naturalist and botanist, Henri Guillaume Galeotti (1814-1858). He collected widely in Mexico and Sth.America accompanied by Achille Richard (see *richardiana*). They discovered many notable new species of flora & fauna. eg. *Galeottia grandiflora*.

galeottiana: belonging to Galeotti, see *Galeottia*. ex Mexico, cf. *Sobralia galeottiana* A.Rich.1845.

galeottianum: as *galeottiana*. ex Mexico, cf. *Lemboglossum galeottianum* (A.Rich.& Galeotti) Halb.1984. syn. *Rhynchosele galeottiana* (A.Rich.& Galeotti) Soto Arenas & Salazar 1993.

galeottianus: as *galeottiana*. cf. *Stenorrhynchus galeottianus* Schltr.1918. syn. *Spiranthes cinnabarina*.

Galeottiella: Schltr.1920. See *Galeottia* + dimin., or respectful suffix (?). Noted it closely resembled *Galeottia*. ex Mexico, eg. *Galeottiella sarcoglossa*.

galeottii: see *Galeottia*. cf. *Prescottia galeottii* Rchb.f.1847. syn. *Prescottia tubulosa*.

Galera: Blume 1925: lit., a small helmet; bonnet; cap. eg. *Galera nutans*. syn. *Epipogium roseum*.

galerasensis: from Galeras, a town of Sucre Department (admin. division), Colombia. cf. *Pleurothallis galerasensis* Luer 1998.

galericulata: ref. *galericum*, listed as the dimin.(: small) of *galerum*: a hat; cap helmet; bonnet + like; having. Some refs. interpret *galericulata* as "wearing" a bonnet, etc. cf. *Polystachya galericulata*. syn. *P. laxiflora*.

galerita: as *galeritus*. cf. *Disperis galerita*.

galeritum: as *galeritus*. cf. *Catasetum galeritum*.

galeritus: descwd.: wearing a hood. From many refs., have found other explanations: rustic; rural; of the country; a peasant; poor; mean-looking, etc.

galilaea: for place name: of Galilea (Galilee). The species is listed as ex Israel, ref. the Galilee region. Once a Roman province, inc. nthn. Palestine west of the Jordan River and the sea of Galilee. cf. *Ophrys galilaea* (Bornm.& M.Schulze) Schltr.1923.

galipanensis: for place name (+ from) only listed as ex Venezuela. Noted two villages (a little nth. of Caracas city): San Antonio de Galipán and San José de Galipán. cf. *Corymborkis galipanensis* (Rchb.f.) Foldats 1959.

galliahenium: *galli*-+*-ahenium*: rooster + of wind = a windy rooster (?). I was stumped, but thanks to the author's notes (ref. P.van Royen 1979), who says it's for a windvane (aha!, now I get it). For the highly mobile lip, moves with the slightest air movement. cf. *Bulbophyllum galliahenium*. Noted as endemic to Papua, Indon.

gallica: of, or belonging to ancient Gaul, or Gallic. Of, or for anything to do with being French. cf. *Gymnadenia austriaca* var. *gallica* (E.& R.Breiner) P.Delforge 1998.

galliceanum: listed for noted French grower, A. Gallice (+ belonging to). ex Burma (Myanmar), cf. *Dendrobium galliceanum* Lindley. syn. *D. thyrsiflorum*.

gallinule: I include this for cross-referencing. A gallinule is an aquatic bird, like a coot; water-hen. One is commonly called the purple gallinule (genus *Porphyryula*, of the rail family: *Rallidae*). The ref. herein, see *porphyrio*.

gallopavina: gallo-, ref. *gallus*: cock; male bird + ref. *pavonis*: peacock + see -ina: like, etc. A fanciful allusion to the inflo., spreading and likened to a peacock's tail feathers (?). Some refs. say it alludes to the beautiful colours. cf. *Encyclia gallopavina*.

gallopavinum: as *gallopavina*. cf. *Oncidium gallopavinum*. syn. *O. batemannianum*.

gamblei: of Gamble. Listed for James Sykes Gamble (1847-1925). Botanist, author and authority esp., of Indian orchids. Noted as ex the eastn. Himalaya Mtns., cf. *Luisia gamblei* Hook.f.1890. syn. *L. filiformis*.

gamboge yellow: was in an old description and I had no idea. Listed as a bright yellow tree resin, once used in some medicines and as a stain for timber. The etym. is attributed to *gambogium*: (of) Cambodia. Noted, a close equiv. is *flavissimus*.

gametes: noted as adopted from *gametes*: husband. The viable (male) reproductive cells of pollinia (or pollen), which (for us) travel from the stigma to the ovary, to unite with the ovules (eggs), completing fertilisation. Of interest to note, *gamete* (no, "s"): wife. + See *gamo*-, *gamos*: marriage, etc.

gammate: an organ, or part having the shape, or likened to the third letter of the Gk. alphabet, *gamma*: Γ. In a description was a ref. to a labellum having *gammate calli*.

Gammieana: Hook.f. Listed for George Alexander Gammie (1864-1935). Phytologist, author and authority, esp. of Indian flora. eg. *Gammieana plicata*.

gammieana: belonging to Gammie, as *Gammieana*. ex the Himalayas, Pakistan and Nepal, cf. *Nervilia gammieana* (Hook.f.) Pfitzer 1888.

gammieanum: see *Gammieana*. Listed as a natcross ex India, cf. *Cymbidium* x *gammieanum* King & Pantl.1895. The result of *C. elegans* x *C. erythraeum*.

gammiei: of Gammie, see *Gammieana*. ex Bangladesh, etc., cf. *Oberonia gammiei* King & Pantl.1897.

gamo:- used in compwds., ref. *gamos*: a union; joining; marriage. Joined; united.

Gamoplexis: Falc.ex Lindl.1847, see *gamo*:- united + *plexis*: plaited; entwined. syn. *Gastrodia* R.Br.

gamosepala: joined + sepals. cf. *Phyllorkis gamosepala*. syn. *Bulbophyllum lepidum*.

gamosepalata: *gamo*-+ sepal + *-ata*: like, or having joined sepals. cf. *Glomera gamosepalata*. Noted as endemic to Papua, Indon.

Gamosepalum: Schltr.1920: united + sepals. syn. *Aulosepalum* Garay.

gamosepalum: united + sepals. cf. *Cirrhopetalum gamosepalum*. syn. *Bulbophyllum lepidum*.

ganchuenensis: for place name (+ from), only listed as ex China to s.east Tibet. cf. *Pleione ganchuenensis* Gagnep.1931. syn. *Pleione bulbocodioides*.

ganggapensis: listed for place name: from Ganggap, near Naitmambi Range, Finisterre Ranges, PNG. cf. *Phreatia ganggapensis* P.Royen 1979. Noted as endemic to PNG.

gangliiformis: descwd., ref. *ganglion* + *formis*: knot-like; knot-shaped. Also, noted it can be node-like, see node.

ganymedes: may be for “beauty”, as ref. Gk.myth., Ganymede: a very handsome Trojan prince, made immortal by Zeus and who replaced Hebe (see *hebe*) as Cup-bearer to the gods. Also Ganymede is a very large moon of the planet Jupiter. cf. *Pleurothallis ganymedes* Luer & R.Escobar 1981.

gaoligongense: from Gaoligong Shan (mtn. peak), and/or nearby, Gaoligong Mountain nature reserve, Yunnan Prov., China. cf. *Cymbidium gaoligongense* Z.J.Liu J.Yong Zhang 2003.

Garaya: Szlach.1993: of Garay, see *garayana*. syn. *Mesadenella* Pabst & Garay.

garayana: ref. Leslie Andrew Garay (b1924) + belonging to. Phytologist, author, collector and authority on orchids of SE.Asia and American tropics. Curator of the Oakes Ames Herbarium, Harvard Univ., USA. Co-author of the famous work “Venezuelan Orchids Illustrated”, in six volumes, with G.C.K.Dunsterville (see *Dunstervillea*). ex Colombia, cf. *Pleurothallis garayana* (Ospina) Luer 1975.

Garayanthus: Szlach.1995: “Garay’s flower”, see *garayana*. syn. *Cleisostoma* Blume.

garayanum: as *garayana*. ex New Guinea to s.west Pacific islands, cf. *Dendrobium garayanum* A.D.Hawkes & A.H.Heller 1957. syn. *D. austrocaledonicum*.

x *Garayara*: G.W.Dillon: of, or belonging to Garay, see *garayana*. On the syn. list and noted as a result of *Arachnis* x *Paraphalaenopsis* x *Vandopsis*.

Garayella: Brieger 1977: for Garay + respectful suffix, see *garayana*. syn. *Chamelophyton* Garay.

garayi: of Garay (orig.coll.), see *garayana*. ex Venezuela, cf. *Stelis garayi* (Dunst.) Carnevali & I.Ramirez 1990.

garbariorum: belonging to Garbari. Ref. phytologist and author, Fabio Garbari (b1937). Descs. accr. to him are abbr. to: Garb. cf. *Serapias* x *garbariorum* Murr. Listed among the synonyms without date, location, or “correct name”.

garciae: may be for a person’s name (see *garcianum*), and/or a place name (+ of). Only listed as ex Brazil, noted quite a few small towns and villages, called “Garcia”. cf. *Epidendrum garciae* Pabst 1982. + See next entry.

garciae: of Garcia, see *garcianum*. ex Venezuela, cf. *Masdevallia garciae* Luer 1982.

garciana: see *garcianum*. ex Venezuela, cf. *Prosthechea garciana* (Garay & Dunst.) W.E.Higgins 1998.

garcianum: listed for orig.coll., Carlos Garcia (+ belonging to). ex Venezuela, cf. *Epidendrum garcianum* Garay & Dunsterv. c1961. syn. *Prosthechea garciana*.

gardneri: listed as ex the Organ Mtns., Brazil. cf. *Oncidium gardneri* Lindley 1843: for orig.coll., botanist and naturalist, George Gardner [+ of] (1812-1849). Born Glasgow, Scotland, he collected in Brazil, 1836-’41 and then spent his last 8yrs. in Ceylon (Sri Lanka). Of interest, see *Neogyna*. + See next entry.

gardneri: cf. *Rhizanthella gardneri* R.S.Rogers 1928. Listed for Charles Austin Gardner (1896-1970), the West.Aust. state Government Botanist. A unique saprophyte living completely under the ground. Endemic to West. Aust., more info., see *Rhizanthella*.

gardneriana: belonging to George Gardner (orig.coll.), see *gardneri*. cf. *Neogyna gardneriana* (Lindley) Rchb.f.1852.

gardnerianum: as *gardneriana*. cf. *Oncidium gardnerianum* auct. syn. *O. gardneri*.

gardstyle: this specep. is taken from the parents. Listed as a cross of *Oncidium dasystyle* x *O. gardneri*, ex Rio de Janeiro state, Brazil. cf. *Oncidium* x *gardstyle* Braem & Campacci 1995.

garganensis: from Gargano, see *garganica*. cf. *Ophrys* x *garganensis* Soca.

garganica: belonging to Gargano, ref. the Testa del Gargano peninsula, Apulia, s.east Italy. cf. *Ophrys garganica* (E.Nelson) O.& E.Danesch 1975. syn. *O. sphegodes*.

garganicoides: *garganica* + resembling. Was probably likened to *Ophrys garganica*. cf. *Ophrys sphegodes* var. *garganicoides*. syn. *O. sphegodes*.

gargantua: cf. *Lepanthes gargantua* Rchb.f.1856. It is possible, the specep. could honour (somewhat obliquely), the erudite French academic, Francois Rabelais (1494?-1553?). A Franciscan monk, medical doctor, lecturer, botanist, naturalist and author (of many serious works, inc. botanical). He used the word for one of the main characters of his satirical fantasies written c1530-'53. An on-going saga about two giants, Gargantua and his son, Pantagruel, who had enormous appetites and many strange and humorous adventures. The specep. could also simply infer it's very large, compared to others of its ilk (ref. *gargantua*: enormous; huge, etc.).

gargoyla: ref. a gargoyle. Orig. a roof spout to project rainwater from a gutter. Reported to be from French, *gargouille*: the throat.(How's that for trivia!). Most often seen on older buildings and usually in the form of a hideous monster. cf. *Lepanthes gargoyla*.

garhwalensis: from Tehri (aka. Tehri-**Garhwal**) city of Uttaranchal state, nthn. India (Himalayas). cf. *Gastrochilus garhwalensis* Z.H.Tsi 1996.

garrettii: listed for botanist, H.B.G.Garrett (+ of) who resided in Thailand for over 60yrs. An authority who contributed greatly to the knowledge of the orchids of Thailand. cf. *Habenaria garrettii* Rolfe ex Downie 1925. syn. *Peristylus tentaculatus*.

garupinum: listed for place name: belonging to the Garup River area, Aitape District, PNG. cf. *Bulbophyllum garupinum* Schltr. syn. *B. infundibuliforme*.

garwalica: belonging to Garhwal, see *garhwalensis*. cf. *Rhynchostylis garwalica* (Lindley) Rchb.f.1864. syn. *Rhynchostylis retusa*.

garwalicum: as *garwalica*. cf. *Saccolabium garwalicum* Lindley 1859. syn. *Rhynchostylis retusa*.

garwalicus: as *garwalica*. cf. *Gastrochilus garwalicus* (Lindley) Kuntze 1891. syn. *Rhynchostylis retusa*.

garzonensis: from Garzón, a town of Huila Department (admin. division), Colombia. cf. *Encyclia garzonensis* Withner 2000.

gaskelliana: belonging to Gaskell. For noted grower, Holbrook Gaskell of Liverpool, Eng. ex Colombia to Trinidad, cf. *Cattleya gaskelliana* (N.E.Br.) Rchb.f.1883.

gaskellianum: as *gaskelliana*. cf. *Cypripedium* x *gaskellianum* Gower. syn. *C. x niobe*.

gasteriferum: belly; stomach + bearing. cf. *Epidendrum gasteriferum*.

x *Gastisia*: auct. On the syn. list, cf. ***Gastrochilus*** x *Luisia*.

x *Gastisocalpa*: auct. On the syn. list, noted as a result of *Gastrochilus* x *Luisia* x *Pomatocalpa*.

Gastorchis: Thouars 1822: ref. *gaster*: belly + orchid. Ref. the labellum. syn. *Phaius* Lour.

Gastorkis: Thouars 1809: see *Gastorchis*. syn. *Phaius* Lour.

gastr-, *gastri-*, *gastro-*: used in combwds., ref. *gaster*: belly; stomach. Most often means: rounded and (slightly) swollen; likened to a stomach; belly. Anything to do with a belly, or sometimes can simply ref. to the middle (the belly) of an organ or part.

Gastridium: Blume 1828: belly + suffix: dimin., or the feature (?). syn. *Dendrobium* Sw.

x *Gastritis*: auct. **Not** as inflammation of the stomach (gastritis). On the syn. list, cf.

Doritis x ***Gastrochilus***.

x *Gastrocalanthe*: auct. On the syn. list, cf. *Calanthe* x ***Gastrochilus***.

x *Gastrochiloglottis*: auct. On the syn. list, cf. ***Gastrochilus*** x *Trichoglottis*.

gastrochilum: belly + lip. cf. *Epidendrum gastrochilum*.

Gastrochilus: D.Don 1825: belly + lip. ex Nepal, etc., eg. *Gastrochilus calceolaris* (: like a small shoe; slipper, + see *calceolaria*).

Gastrodia: R.Br.1810: belly + resembling. Ref. the swollen base of the tubular flowers. eg. *Gastrodia sesamoides*. Noted as endemic to eastn. and sthn. Aust.

Gastrodieae: *Gastrodia* + suffix denotes it's a tribe.

Gastrodiinae: *Gastrodia* + suffix denotes it's a subtribe.

gastrodioides: *Gastrodia* + resembling. cf. *Eulophia gastrodioides*.

Gastroglottis: Blume 1825: belly + tongue. syn. *Malaxis* Sol.ex Sw.

gastroglottis: belly + tongue. cf. *Elleanthus gastroglottis*.

Gastroglottis: belly + tongue.= *Malaxis* and *Microstylis* sections.

x *Gastrophaius*: auct. On the syn. list, cf. ***Gastrorchis*** x *Phaius*.

gastrophora: belly + bearing. cf. *Dracula gastrophora*.

Gastropodium: Lindley 1845. I jumped in and said: for a small snail, as a gastropod: a snail, etc. Not so, it's *gastro*-+ *podium*: belly + small foot; shoe, etc. syn.

Epidendrum L.

gastropodium: as *Gastropodium*. cf. *Epidendrum gastropodium*.

Gastrorchis: Thouars 1809: belly + see orchid. Noted as endemic to Madagascar. eg.

Gastrorchis lutea.

Gastrorchis: belly + orchid.= *Phaius* section.

Gastrorkis: Schltr.1924, see *Gastrorchis*. syn. *Gastrorchis*.

x *Gastrosarcochilus*: auct. On the syn. list, cf. ***Gastrochilus*** x *Sarcochilus*.

gastrosiphon: belly + tube. Ref. the labellum. cf. *Corybas gastrosiphon*.

Gastrosiphon: (Schltr.) M.A.Clem.& D.L.Jones 2002: belly + tube. syn. *Corybas* Salisb.

Gastrosiphon: belly + tube.= *Corybas* section.

x *Gastrostoma*: auct. On the syn. list, cf. *Cleisostoma* x ***Gastrochilus***.

x *Gastrothera*: auct. On the syn. list, cf. ***Gastrochilus*** x *Renanthera*.

gatiense: listed for place name: from Gati (mtn.), Minjem, near Madang, PNG. cf.

Dendrobium gatiense Schltr.1912.

gatunensis: for place name: from Gatun Lake area, Canal Zone, Panama. cf. *Maxillaria gatunensis* Schltr.1922.

gaudens: rejoicing; delighting, ex *gaudere*: to rejoice. cf. *Dendrobium gaudens*. syn. *D. dekokkii*. Noted as endemic to PNG.

gaudichaudii: listed for phytologist and author, Charles Gaudichaud-Beaupre (1789-1854). Descs. accr. to him are abbr. to: Gaudich. ex Chile, Argentina and the Falklands, cf. *Chloraea gaudichaudii* Brongn.1834.

gautierense: listed for place name: from the Gauttier Mtns., Papua, Indon. cf. *Bulbophyllum gautierense* J.J.Sm.1912.

gautierensis: as *gautierense*. cf. *Trichotosia gautierensis* (J.J.Sm.) P.F.Hunt 1971.

gayana: ex Chile. Listed for botanist and author, Claude Gay (1800-1873). ex Chile and Argentina, cf. *Chloraea gayana* A.Rich.1852. syn. *C. speciosa*.

gazella may be to do with a gazelle (for the colour?, *fusc*-,+ see the "correct name"). Also possibly, ref. *gaza*: riches; wealth; treasure + small. Ref. to the flowers. cf. *Ophrys gazella*. syn. *O. fusca* ssp.*fusca*.

gazellae: for place name: of the Gazelle Peninsula, New Britain, PNG. cf. *Dendrobium gazellae* Kraenzl.1886. syn. *D. insigne*. Pers.coll., see *insigne*.

ge-, *geo* -: used in combwds., ref. *ge*: the earth. Anything to do with the earth, eg. geophyte.

geckophora: gecko + bearing. Gecko is the common name for harmless lizards of the family, *Gekkonidae*, probably alludes to a flower shape. cf. *Maxillaria geckophora*.

gedeana: as *gedeanum*. cf. *Ceraia gedeana* (J.J.Sm.) M.A.Clem.2003. syn. *Dendrobium gracile*.

gedeanum: for place name (+ belonging to). Ref. the Pangrango-**Gede** (a volcanic massif), and/or (now) Gunung (: Mount) **Gede** Pangrango N.Park. cf. *Dendrobium gedeanum* J.J.Sm.1907. syn. *D. gracile*.

geei: listed for orig.coll., F.Gee (+ of), ex Assam, India, cf. *Bulbophyllum geei* A.S.Rao & Balakrishnan 1968. syn. *B. longidens*.

geelvinkensis: for place name listed as ex westn. Papua, Indon. Possibly refs. to the area of the major coastal bay, *Geelvink-baai* (Teluk Cenderawasih). cf. *Calanthe geelvinkensis* J.J.Sm.1915.

geesinkii: see *Geesinkorchis*. ex Borneo, cf. *Dendrochilum geesinkii* J.J.Wood 1994.

Geesinkorchis: de Vogel 1984: "Geesink's orchid". Listed for orig.coll., botanist, author, and authority, Robert Geesink (1945-1992), who collected in the SE.Asia region. Descs. accr. to him are abbr. to: Gees. ex Borneo, eg. *Geesinkorchis alaticalloso* de Vogel.

Geissanthera: Schltr.1905, ref. *geison*: a cornice + see anther. eg. *Geissanthera papuana*. syn. *Microtatorchis papuana*.

geiton: neighbour. This entry is for cross-reference (mainly for my benefit, 'cause I had a very hard time finding it). An example of use, see *petrogeiton*.

gelana: belonging to Gela city (ancient: Terranova di Sicilia), south coast Sicily, Italy. cf. *Ophrys* x *gelana* H.Baumann & Künkele.

gelata: ref. *gelatus*: frost (+ see *gelida*). Can also be: congealed; stiffened. cf. *Lepanthes gelata*.

gelida: ref. *gelidus*: frosty, noted as similar to *incanus*: hoary. cf. *Pleurothallis gelida*.
geluanum: listed for place name (+ belonging to). May ref. to Gelun (Jalun Island), Ninigo Atolls, nth. of Wewak, PNG. cf. *Dendrobium geluanum* Schltr.1921. syn. *D. hellwigianum*.
gemellum: ref. *gemellus*: twin; double; pair. Has two flowers from the one bract. cf. *Dendrobium gemellum*.
gemina: ref. *geminus*: twin; double, etc. + see geminate. cf. *Lepanthes gemina*.
geminata: see geminate. cf. *Trichoglottis geminata*.
geminata: descwd., ref. *geminatus*: having two; growing in pairs. Twinned; paired; doubled.
geminata: a repetition. Pairing; doubling, etc.
geminatum: see geminate. cf. *Epigeneium geminatum*.
geminatus: see geminate. cf. *Sarcanthus geminatus*. syn. *Trichoglottis geminata*.
geminicaulina: twin, or double + stem; stalk + of; like (+ see cauline). cf. *Pleurothallis geminicaulina*.
geminiflora: twin + flowers. cf. *Pleurothallis geminiflora*.
geminiflorum: twin + flowers. There are usually only two. cf. *Epidendrum geminiflorum*.
geminigibba: as *geminigibbus*. cf. *Calcearia geminigibba*. syn. *Corybas geminigibbus*.
geminigibbus: twin; pair + hump; swelling. cf. *Corybas geminigibbus*.
geminipetala: twin; double; paired + petals. cf. *Lepanthes geminipetala*.
geminum: ref. *geminus*: twin; paired. cf. *Bulbophyllum geminum*. syn. *B. pachytelos*.
gemma: a bud; gem. cf. *Nageliella gemma*.
gemmae: technical term. New growth buds, esp. from roots. Applies to geophytes (only?). + See vegetative propagation.
gemma-reginae: gem + of royalty, or of a queen, fig.: the Queen's gem. Noted, the author dedicated it to Her Majesty, Queen Beatrix of the Netherlands. ex Borneo, cf. *Bulbophyllum gemma-reginae* J.J.Verm.1996.
gemmata: see gemmate, or possibly, see gemmae + suffix: having (?). cf. *Cyanicula gemmata*. Noted as endemic to West.Aust.
gemmate: ref. *gemma*: a bud + suffix: budded; bud-like; having, or producing buds.
gemmatum: see gemmate. cf. *Cleisostoma gemmatum*. syn. *Schistotylus purpuratus*.
gemmatum: see gemmate. cf. *Corybas gemmatum*.
gemmafera: buds, or gems (? + see gemmae) + bearing. cf. *Octarrhena gemmafera*.
gemmaferum: as *gemmafera*. cf. *Dendrobium gemmaferum*.
gemmafera: buds + near; close. An allusion to the flowers, likened to "buds" (?). cf. *Spiranthes gemmafera*. syn. *S. romanzoffiana*.
gemma: small bud, or small gem (?). cf. *Lepanthes gemma*.
genegeorgei: freely trans. to: George's kind (type; origin, etc.). ex Peru, sorry, can't determine who the "George" is, but that's what the specep. means (which is the point of this entire exercise). cf. *Neobennettia genegeorgei* (D.E.Benn.& Christenson) Senghas 2001.
genera (pl.), *genus* (sing.): ref. *genos*: (of) birth; origin + ref. *genus, generis*: a kind; type. Noted as adopted for an important rank in the taxonomic hierarchy, which is

subordinate to family and above the rank of species. + See rank, binomial, Linnaeus.

generale: as *generalis*. cf. *Limodorum generale*. syn. *L. abortivum*.

generalense: for place name (+ from), only listed as ex Costa Rica. cf. *Macroclinium generalense* Pupulin 1996.

generalis: common; relative to a genus, or kind; not precise; usual; to do with all (as, generally, or in general), etc. cf. *Epipogium generalis*. syn. *E. aphyllum*.

generic: of genera. Of, or relative to a genus.

generic name: is the correct term for the binomial, which is the genus (name) + the specific epithet (specep., or epithet: the descriptive adjective).

genetic: ex *genesis*: origin. To do with origins and natural growth (as evolution), + can be in ref. to genes.

genevensis: for place name: from Geneva city, and/or the Geneva Canton (admin. division), Switzerland. cf. *Dactylorhiza x genevensis* (Klinge ex Schulze) Soó 1962.

gengmanensis: for place name: from Gengma (the "n" is a spacer), a town of sthn. Yunnan Prov., China. cf. *Anoectochilus gengmanensis* K.Y.Lang 1996.

geniculata: see geniculate. cf. *Habenaria geniculata*. syn. *H. dentata*.

geniculate: ref. *genu*: knee; joint; bend; knot + of + dimin.+ suffix: like, or having a small knee. Infers: bent abruptly; having an angle, or sharp bend likened to that of a bent knee.

geniculatum: see geniculate. cf. *Epidendrum geniculatum*. syn. *Aerides multiflorum*.

geniculatus: see geniculate. cf. *Anoectochilus geniculatus*.

geniculifer: as *geniculiferum*. cf. *Haplochilus geniculifer*. syn. *Bulbophyllum geniculiferum*.

geniculiferum: small knee (or, slight angle?) + bearing.+ See geniculate. cf. *Bulbophyllum geniculiferum*.

gennachensis: from Gennach, a town of Bavaria, Germany. cf. *Dactylorhiza x gennachensis* (Fuchs) Soó 1962. syn. *D. x aschersoniana*.

Gennaria: Parl.1860. Listed for Italian painter [+ of], S.Gennari (1570-1610). Not exclusively a bot. artist, but did fine paintings of local flora and was in demand by botanists of the time. eg. *Gennaria diphylla*. Noted as monotypic to the westn. Mediterranean region.

gennarii: see *Gennaria*. Listed as a natcross of *Anacamptis champagneuxii* x *A. papilionacea*. ex Morocco, cf. *Anacamptis x gennarii* (Rchb.f.) ined.

gen. nov.: an abbr. for *genus novus*: new genus. Sometimes seen in listings and denotes that the plant didn't fit into existing genera, so the new genus (name) was created to accomodate it.

Genoplesium: R.Br.1810: ref. *genos*: origin; race; kind + ref. *plesios*: near; close to. Listed as having close affinities to *Prasophyllum*. eg. *Genoplesium baueri* R.Br.1810. Noted as endemic to eastn. NSW., Aust.

Genoplesium: as last entry.: *Prasophyllum* section.

genovae: for place name: of **Genova** Prov., Liguria, nthn. Italy. cf. *Orchis x genovae* Hautz.

Gentianales: an order of trees. This entry for cross-reference, see frangipani. Is to do with (gentian) blue, see *gentianinus* + the suffix, *-ales*, is for the rank: order.

gentianinus: a colour term: gentian blue. A (reddish-) blue often common to gentian* flowers. Listed as named for Gentius: a king of ancient Illyria (which, inc. Albania) and esp. for the colour of his royal robes. *Gentian: the common name, refs to. the genus *Gentiana*, of the family *Gentianaceae*, which has c600 species of mostly campanulate (: bell-like) flowers (not orchids).

gentianoides: gentian + resembling, see *gentianinus*. For the colour, or has bell-like flowers (?). cf. *Triphora gentianoides*.

gentilii: of Gentil. Listed for orig.coll., botanist Louis Gentil (b1874). ex Zaire, Africa 1903. cf. *Tridactyle gentilii* (De Wild.) Schltr.1918.

gentryi: of Gentry. For botanist and author, Alwyn Howard Gentry (b1945). ex Esmeraldas, Ecuador, cf. *Chondroscaphe gentryi* (Dodson & Neudecker) Rungius 1996.

genuflexa: knee + bend (+ see geniculate). cf. *Coelogyne genuflexa*.

genuflexum: as *genuflexa*. cf. *Trichosma genuflexum*. syn. *Eria genuflexa*.

genuina: ref. *genuinus*: real; natural; true. + Have another ref. to *genuinus*, also means: of the cheek, or back teeth (?). cf. *Coelia macrostachys* var.*genuina*.

genus: the singular, see genera.

geny-: used in combwds., ref. *genu*: knee. Implies a sharp bend; abrupt angle; bent like the knee. + See geniculate.

genybrachium: see *geny-*+ arm + suffix: distinctive of. Probably ref. the stelidia. cf. *Bulbophyllum genybrachium*. syn. *B. fractiflexum*. Pers.coll., ex PM.PNG.

genychila: see *geny-*+ lip. cf. *Liparis genychila*.

Genychilus: see *geny-*+ lip. Has an obvious sharp bend at the mid-lobe.= *Liparis* section.

Genyglossum: knee (as, bend; bent) + tongue.= *Liparis* section.

Genyorchidinae: *Genyorchis* + suffix denotes it's a subtribe.

Genyorchis: Schltr.1900: see *geny-*+*-orchis*. ex west trop. Africa, eg. *Genyorchis pumila*.

Geobina: Raf.1836: *geo-*: earth +*-bina* (?). Noted from one ref., it could be ref. *binein*: adultery. An inference to the plant's underground activities, sending up new growths (? + see *gemmae*). syn. *Goodyera* R.Br.

Geoblasta: Barb.Rodr.1891: *geo-*: earth + ref. *blastos*: shoot; bud, etc. Noted as ex sthn. Brazil to n.east Argentina, eg. *Geoblasta penicillata*.

Geocalpa: Brieger 1975, *geo-*: earth + ref. *kalpis*: pitcher; urn. syn. *Pleurothallis* R.Br.

Geocymbidium: earth + *Cymbidium*. For terrestrials, as opp. to those being epiphytes (?).= *Cymbidium* section.

Geodorum: Jacks.1811: *geo-*: earth + ref. *doron*: gift. eg. *Geodorum purpureum*. Found it in Darwin, NT., very happy only c25m. from the ocean. Also very common in PM.PNG., where I even found a group in the yard of a busy hardware store! I say the specep.: earth gift. Of interest, I noted a Chinese common name for it is: "ground gem". I am trying to avoid common names, however in Aust. it's often called the "shepherd's crook" orchid as, whilst flowering, about the top 3rd. of the raceme is bent back down towards the ground. A fascinating aspect is, when the flowers have been pollinated, the raceme then straightens back to the vertical.

A little more trivia (ref. "Orchids of Australia" W.H.Nicholls 1969): some Aust. aborigines ate it as part of their diet and called it "Yeenga", or "Uine".

geoffrayi: listed for orig.coll., botanist and authority, D.Geoffray. ex Cambodia, cf. *Habenaria geoffrayi* Gagnep.1931. syn. *Peristylus maingayi*.

geographica: looks so familiar, but has nothing to do with geography, or writing. Ref. *geo*:- (of the) earth + ref. *graphicus*: lit.: masterly; fine. cf. *Pleurothallis geographica* Luer.

geophila: earth + loves (as it's a terrestrial). cf. *Liparis geophila*.

geophyte: earth + plant. Don't see this very often, mostly (for us) the word used is, terrestrial.

Georchis: Lindley 1833: earth + orchid. eg. *Georchis cordata*. syn. *Goodyera viridiflora*. x *Georgeblackara*: auct.: of, or belonging to George Black (haven't any info. on him). On the syn. list and noted as a result of *Compactia* x *Leochilus* x *Oncidium* x *Rodriguezia*.

georgei: of George. Listed for phytologist and author, Alexander Segger George (b1939). cf. *Caladenia georgei* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

georgica: belonging to Georgia (a republic, was part of Russia). cf. *Dactylorhiza romana* ssp. *georgica* (Klinge) Soó ex Renz 1983. syn. *Dactylorhiza flavescens*.

georgii: of Georg. For the given name of orig.coll., Georg Huebner (see *Huebneria*). ex nthn. Brazil, cf. *Catasetum georgii* Mansf.1928.

Geosiphon: earth + tube. Alluding to the flower, very close to the ground. *Corybas* section.

geotropic, *geotropism*: *geo*:- earth + *tropos*: a turn. Turning, or bending towards the earth. A good example is the raceme of *Geodorum purpureum*. + See *geotropum*.

geotropum: see *geotropic*. Ref. the pendent raceme. cf. *Dendrobium geotropum*.

-ger, *-gera*, *-gerum*, *-gerus*: used in compwds., ref. *gerere*: to carry. Wear; carry; bear; produce. With my entries, to save much repetition, I mostly say: bearing.

geraense: for place name (+ from), only listed as ex Minas Gerais state, Brazil. cf. *Oncidium geraense* Barb.Rodr.1881.

geraensis: for place name (+ from, + see *geraense*). ex Guyana to Brazil, cf. *Phyllorkis geraensis* (Rchb.f.) Kuntze 1891. syn. *Bulbophyllum geraense* Rchb.f.1864.

geraldoi: for João Geraldo Kuhlmann, info see *kuhlmannii*. ex the central Americas, cf. *Epidendrum geraldoi* Porto & Brade 1935. syn. *Jacquiniella globosa*.

gerardensis: for place name (+ from), only listed as ex Costa Rica. Noted a few villages called San Gerardo (?). cf. *Lepanthes gerardensis* M.A.Blanco 2003.

gerhard-santosii: listed for Arthur Carlos Gerhard Santos (+ of), the Govenor of Espirito Santo state, Brazil. ex Brazil, cf. *Sophranitis* x *gerhard-santosii* (Pabst) Van den Berg & M.W.Chase 2001.

germanorum: of, or belonging to Germany (?). One major ref. suggests it may be for botanist, German Steudner (+ of. See *steudneri*). ex Many countries in Europe (inc. Germany) to central Asia, cf. *Orchis germanorum* Moritz 1844. syn. *Anacamptis palustris*.

germination: ref. *germinare*: to sprout; grow; shoot. The first positive indication that a seed is sprouting.

germinyanum: noted, the specep. was suggested by Mr.F.Sander of the famous Eng. nursery, for Count Adrien de Germiny (+ belonging to) of Gouville, France. A noted grower and generous patron of horticulture (+ valued client?). ex the Mascarenes, Comoros and Madagascar, cf. *Angraecum germinyanum* Hook.f.1889.

gerrardii: of Gerrard. For botanist and author, William Tyrer Gerrard (?-1866). ex Africa, cf. *Angraecum gerrardii* (Rchb.f.) Bolus 1893. syn. *Rhipidoglossum xanthopollinium*.

gervasiana: may be for a person's name (+ belonging to). Listed as ex sthn. Italy, also noted Capriate San **Gervasio** a minor city of Basilicata region (?). cf. *Dactylorhiza gervasiana* (Tod.) H.Baumann & Künkele 1981.

gesneriads: for cross-reference: common term for plants of the gesneria family, *Gesneriaceae*, which inc. the African violet, gloxinia, etc. Orig. named for Konrad von Gesner (c1500s) of Zurich, Switzerland, an eminent naturalist, scientist, zoologist and author. They are often noted as being closely associated, in their habitats, with orchids.

gevaudanii: this is most likely for a modern phytologist having this surname* (+ of), but haven't any info. on him *(see *Epipactis rhodanensis* **Gévaudan** & Robatsch). Also, as it is listed as ex France, ref. **Gévaudan** a village of Alpes-de-Haute-Provence, Provence Alpes-Côte d'Azur (?). cf. *Epipactis* x *gevaudanii* P.Delforge 1997.

Ghiesbreghtia: A.Rich.& Galeotti 1845. Listed for orig.coll., August Boniface Ghiesbreght (1810-1893). A Belgian botanist who collected in Mexico and the sthn. Americas c1845. Descs. accr. to him are abr. to: Ghiesbr. syn. *Calanthe* R.Br.

ghiesbreghtiana: as *Ghiesbreghtia* (+ different suffix: belonging to). ex Mexico, cf. *Mexicoa ghiesbreghtiana* (A.Rich.& Galeotti) Garay 1974.

ghiesbreghtianum: as *ghiesbreghtiana*. ex Mexico, cf. *Epidendrum ghiesbreghtianum* A.Rich.& Galeotti 1845. syn. *Prosthechea ghiesbreghtiana* (A.Rich.& Galeotti) W.E.Higgins 1998.

ghiesbreghtii: of Ghiesbreght, see *ghiesbreghtiana*. ex Mexico, etc., cf. *Pelexia ghiesbreghtii* Szlach., Mytnik & Rutk.2004.

ghillanyi: of Ghillany. Listed for orig.coll., noted grower and nurseryman, Baron Anton Ghillany. ex Brazil, cf. *Sophranitis ghillanyi* (Pabst) Van den Berg & M.W.Chase.

ghindana: belonging to Aual **Ghinda** (village), sthn. Ethiopia, Africa. cf. *Pogonia ghindana* Fiori. syn. *Nervilia bicarinata*.

Ghisbreghtia: see *Ghiesbreghtia*. = *Calanthe* section.

gibba: ref. *gibbus*: hump. cf. *Gongora gibba*.

Gibberantha: ref. *gibber*, *gibbus*: hump + flower. = *Bulbophyllum* section.

gibberosa: ref. *gibber*, *gibbus* + see -osa: distinctly, prominently humped. Or, could be with many humps (?). cf. *Lepanthes gibberosa*. syn. *L. guatemalensis* Schltr.1912.

gibberosum: as *gibberosa*. cf. *Scaphosepalum gibberosum*.

gibbifer: see *gibbiferus*. cf. *Corybas gibbifer*.

gibbifera: hump + bearing. cf. *Coelogyne gibbifera*.

gibbiferum: hump + bearing. Ref. labellum protuberance, cf. *Corysanthes gibbiferum*. syn. *Corybas gibbifer*.

gibbiferus: hump + bearing. cf. *Gastrosiphon gibbiferus*. syn. *Corybas gibbifer*.

gibbilingue: hump + tongue. cf. *Bulbophyllum gibbilingue*. syn. *B. cernuum*.

gibbolabium: hump + lip. Ref. labellum lobes. cf. *Bulbophyllum gibbolabium*.

gibbonianum: listed for orig.coll., W.Gibbon (+ belonging to). ex the Caroline Islands (Palau), cf. *Bulbophyllum gibbonianum* Schltr.1921. syn. *B. membranaceum*.

gibbosa: ref. *gibbus* + -osa: having an obvious, prominent hump. Also: humped and forming a pouch-like structure. Ref. the sepals conjoined, forming a hump. cf. *Pterostylis gibbosa*. Noted as endemic to NSW., Aust.

gibbosicalcar: having an obvious hump; humped + spur. cf. *Staurochilus gibbosicalcar*.

gibbosities: small hump-like swellings.+ See *gibbous*.

gibbosulus: see *gibbous* + dimin.: small humps, etc. cf. *Phaius gibbosulus*. syn. *Imerinaea madagascariensis* Schltr.

gibbosum: as *gibbosa*. Ref. the labellum. cf. *Prasopphyllum gibbosum*. Noted as endemic to West.Aust.

gibbous: lumpy; swollen. The condition of having small hump-like swellings. + See *gibbosities*.

gibbsiae: belonging to Gibbs. For botanist, author and collector, Ms.Lilian Suzette Gibbs (1870-1925). Renowned for her collections from the Mt.Kinabalu area, Borneo; Papua (Indon.) and ntn. Aust. (+ See *liliana*). cf. *Calanthe gibbsiae* Rolfe.

gibsonii: of Alexander Gibson (1800-1867), botanist, author, collector and authority of Indian flora. Co-author of "The Bombay Flora" 1861, with colleague, N.A.Dalzell (see *dalzelliana*). cf. *Habenaria gibsonii* Hook.f.1896. syn. *H. foliosa*.

gibsonii: listed for orig.coll., John Gibson (1815-1875), an Eng. mercenary employed by the Duke of Devonshire (see *cavendishianum*). cf. *Cymbidium gibsonii* Lindley 1852. syn. *C. lancifolium*.

giddinsii: listed for orig.coll., R.Giddins (+ of), ex nth. Qld., Aust. cf. *Dendrobium giddinsii* T.E.Hunt 1948. syn. *D. fellowsii*.

gigantea: ref. *giganteus*: very large. cf. *Vandopsis gigantea*.

giganteum: very large. cf. *Dendrobium tetragonum* var.*giganteum*, pers.coll.(?). Not being an orchidologist, I'm not certain. First found it ex Subitana and even with my paltry knowledge, I recognized it immediately (from pictures in books), it was unmistakably a *D. tetragonum* of some kind. The squarish, club-like stems av.c30cms.(12") and the flowers were c50mm.(2") long, mostly a brownish-red and yellow. Only ever found it a couple of times and it was definitely not common ex PM.PNG.

giganteus: very large. cf. *Phaius giganteus*. syn. *P. tankervilleae*.

gigantifolium: very large + leaf. ex Sulawesi, cf. *Paphiopedilum gigantifolium*.

gigas: giant. cf. *Cattleya gigas*. syn. *C. warscewiczii* Rchb.f.1854. Noted, it's commonly known as *C. gigas*, because the correct name is too hard to pronounce, but it's not really, see Warscewicz.

Gigliolia: Barb.Rodr.1877. Noted he named it for a friend and colleague, Enrico H.Giglioli, Prof. of Natural History, Univ. of Florence, Italy. syn. *Octomeria* R.Br.

gilbertii: listed for botanist and author, Michael George Gilbert (b1943). ex Ethiopia, cf. *Habenaria gilbertii* S.Thomas & P.J.Cribb 1996.

gilbertoi: listed for Gilberto Escobar (more see *escobariana*). ex Colombia, cf. *Masdevallia gilbertoi* Luer & R.Escobar 1978.

gilgiana: as *gilgianum*. ex Congo, Africa, cf. *Zeuxine gilgiana* Kraenzl.& Schltr.1906.

gilgianum: belonging to Gilg. For botanist and author, Ernst Friedrich Gilg (1867-1933). ex nthn. Malawi, Africa, cf. *Bulbophyllum gilgianum* Kraenzl.1899.

gilimalense: from Gilimale (village), Ratnapura district, Sri Lanka. cf. *Taeniophyllum gilimalense* Jayaw.1963.

gillespiei: for botanist and author, John Wynn Gillespie (?-1932). ex Viti Levu, Fiji, cf. *Saccolabiopsis gillespiei* (L.O.Williams) Garay 1972.

gilletii: listed for orig.coll., J.Gillet (+ of). ex the Congo, Africa. cf. *Megaclinium gilletii* De Wild.1903. syn. *Bulbophyllum imbricatum*.

giluwense: listed for place name: from Mt.Giluwe, near Mt.Hagen, central PNG. cf. *Dendrobium giluwense* P.Royen 1979. syn. *D. rigidifolium*.

giluwensis: as *giluwense*. cf. *Glomera giluwensis* P.Royen 1979. syn. *G. kanke*. Noted as endemic to PNG.

gilvum: see *gilvus*. cf. *Bulbophyllum gilvum*.

gilvus: noted as a colour term: a dull yellow, with a slight mix of grey and red, likened to unglazed pottery. Listed as similar to *figlinus*.

gimagaanense: for place name: from Gimagaan, a s.west coastal town of Luzon Island, Philipp. cf. *Bulbophyllum gimagaanense* Ames 1912.

giraffa: lit., a giraffe (the animal). cf. *Pleurothallis giraffa* Luer 1979.

giraldoi: may be for a person's name (+ of). Listed as ex Colombia, also noted Giraldo (village) of Antioquia Department (?). cf. *Lepanthes giraldoi* Luer 2001.

gireaudianum: as *gireoudiana*. cf. *Oncidium gireaudianum* (Rchb.f.& Warsz.) Rchb.f. 1863. syn. *Brassia gireoudiana*.

gireoudiana: listed for a Mr.Gireoud (+ belonging to), valued employee of noted grower, H.Nauen of Hamburg, Germany. ex Costa Rica to Panama, cf. *Brassia gireoudiana* Rchb.f.& Warsz.1854.

giriensis: listed for place name (+ from), ex Gresik area, near Surabaya, Java. cf. *Habenaria giriensis* J.J.Sm. Listed among the synonyms, the "correct name" is not given.

giriwoense: listed for place name: from the Giriwo River, Papua, Indon. cf. *Dendrobium giriwoense* J.J.Sm.1913.

giriwoensis: as *giriwoense*. cf. *Ceratostylis formicifera* var. *giriwoensis* J.J.Sm.1915.

giroudianum: see *gireoudiana*. ex the Caribbean, etc., cf. *Epidendrum giroudianum* Rchb.f.1856. syn. *E. secundum*.

giryamae: of the Giryama (aka., Giryama, Giriama), an ethnic group of Bantu-speaking people of coastal Kenya, Africa. An oblique ref. to where it was found. A

lithophyte, cf. *Angraecum eburneum* ssp. *giryamae* (Rendle) Senghas & P.J.Cribb 1979.

githaginea: ref. *githago*: gith-like + suffix: likened to. A Lat. word for a kind of herbaceous plant (commonly, gith) with bell-like flowers. Ref. the genus *Campanula* (: small bell), of the bellflower family: *Campanulaceae*. ex Brazil, cf. *Pleurothallis githaginea* Pabst & Garay 1956.

gito:- sometimes used with combwds., listed as ex *geiton*: neighbour.

Giulianettia: Rolfe 1899. Listed for Armadeo Giulianetti (+ of), a botanist and natural historian who travelled widely in New Guinea, inc. the Owen Stanley Mtns. 1896. eg. *Giulianettia carnea*. syn. *Glomera carnea*.

giulianettii: see *Giulianettia*. cf. *Dendrobium giulianettii* F.M.Bailey 1899. syn. *D. mirbelianum*. Pers.coll. ex PM.PNG., see sketch and notes at "M".

gjellerupii: listed for orig.coll., Dutch botanist and naturalist, K.Gjellerup (+ of), who collected at Vogelkop Peninsula and environs, Papua, Indon. 1908 & 1913. cf. *Dendrobium gjellerupii* J.J.Sm.1911.

glabella: listed as ref. *glabellus*: dimin. of *glaber*: bald; smooth, etc. cf. *Lepanthes glabella*.

glaber: smooth. cf. *Anoectochilus glaber*. syn. *Myrmechis glabra*.

glaberrima: ref. *glaber*: bald; smooth + suffix: very, etc. cf. *Benthamia glaberrima*.

glaberrimus: as *glaberrima*. cf. *Peristylus glaberrimus*. syn. *Benthamia glaberrima*.

glabra: see glabrous: smooth, etc. cf. *Goodyera glabra*.

Glabrae: see glabrous.= *Phalaenopsis* section *Zebrinae* subsection *Glabrae*.

glabrate: more or less glabrous; almost completely smooth. + See glabrous.

glabrescens: smooth + tending to; becoming. cf. *Cyclopogon glabrescens*.

glabricaulis: smooth + stem; stalk. cf. *Cranichis glabricaulis*.

glabriflora: smooth + flower. Hairless compared to others. cf. *Ceratostylis glabriflora*.
Noted as endemic to PNG.

glabrifolia: smooth + leaf. cf. *Trichotosia glabrifolia*.

glabrilabre: smooth + lip, or see *labrum*: edge, etc. cf. *Bulbophyllum glabrilabre*. syn. *B. orbiculare*.

glabripetala: smooth + petal(s). cf. *Neobolusia stolzii* var. *glabripetala*.

glabrous: ref. *glaber*, *glabra*: smooth; bald. Completely smooth, ie. without any lumps, wrinkles, hairs, scales, etc.

glabrum: smooth. Ref. the pseudobulbs. cf. *Diplocaulobium glabrum*. Pers.coll., very common ex PM.PNG. An old favourite, only a "one day wonder", but never seemed to stop flowering.

glacensis: from Glace (village), Ouest Department, Haiti. cf. *Erythroides glacensis* Dod 1993.

glacialis: of ice; icy; frozen. Could be for the transparency and iridescence of some parts appearing to be frosty, or icy. cf. *Coelia glacialis*. syn. *Coelia triptera*.

gladiata: ref. *gladius*: a sword + suffix: like; having. + See gladiate. cf. *Phreatia gladiata*.

gladiate: sword-like; sword-shaped, etc. From my reading, it's not used very often and mostly the words for this are: ensiform; ensate.

gladiator: lit., one who has a sword; swordsman. cf. *Jumellea gladiator*.

gladiatorium: as *gladiator* + suffix: characteristic of, or dimin. (?). cf. *Catasetum gladiatorium*.

gladiatum: as *gladiata*. cf. *Bulbophyllum gladiatum*.

gladiatus: as *gladiata*. cf. *Ornithocephalus gladiatus*.

gladiifolia: sword + of + leaf. cf. *Aeranthus gladiifolia*. syn. *Angraecum mauritianum*.

gladiifolium: sword + of + leaf. cf. *Angraecum gladiifolium*. syn. *A. mauritianum*.

gladiolata: ref. *gladiolus*: small sword + suffix: like; having. cf. *Caladenia gladiolata*. Noted as endemic to Sth.Aust.

gladiolatum: as *gladiolata*. cf. *Calonema gladiolatum*. syn. *Caladenia gladiolata*.

gladioliflora: small sword + flower. cf. *Disa gladioliflora*.

gladioloides: small sword + resembling. cf. *Eulophia gladioloides*. syn. *Eulophia clavicornis* var. *nutans*.

x *Gladysyeeara*: auct.: of, or belonging to Gladys Yee (haven't any further info.). On the syn. list, noted as a result of *Brassavola* x *Broughtonia* x *Cattleya* x *Cattleyopsis* x *Diacrium* x *Epidendrum* x *Laelia*.

gland: a small surface organ, often resembling a callus, embedded, or projecting. Seen mostly on floral segments, the ovary, and/or the pedicel. Often they secrete a fluid, or oily substance (see nectar, pheromones), sometimes the source of a flower's perfume. Glands can be of a shape, or colour as to be an added attraction to an insect pollinator and are an important factor in phytology. Gland is ex *glans*, *glandis*: an acorn.

glandulaceus: I said: small gland + like, but is listed as a vague colour term: the colour of an acorn (ref. *glandis*, *glans* + see -*acea*). A pale greenish, yellowy-brown.

glandula: see glandular. cf. *Caladenia latifolia* var. *glandula*. syn. *C. marginata*.

glandular: see gland, + ref. *glandula*: small gland + suffix: like; having, or relative to.

glandulata: as glandular. cf. *Acostaea glandulata*. syn. *A. costaricensis*.

glandulifera: as *glanduliferum*. cf. *Eria glandulifera*.

glanduliferum: small gland(s) + bearing. cf. *Paphiopedilum glanduliferum*.

Glanduligera: small gland + bearing. Ref. column apical wings.= *Oncidium* section.

glanduligera: small gland + bearing. cf. *Pleurothallis glanduligera*.

glandulipetala: small gland + petal. cf. *Pleurothallis glandulipetala*.

glandulosa: small gland + see -*osa*: with many small glands, etc. cf. *Oberonia glandulosa*. syn. *O. equitans*.

glandulosum: as *glandulosa*. cf. *Taeniophyllum glandulosum*.

glandulosus: as *glandulosa*. cf. *Cystorchis glandulosus*. syn. *Erythrodes glandulosa*.

glanensis: from Glan, a town of Kärnten, Austria. cf. *Ophrys* x *glanensis* Soca.

glaphy-, *glaphyr-*: used in combwds., ref. *glaphyros*: hollowed out. Also: smoothed; finished; polished; (made) attractive.

glaphyrantha: see *glaphy-* + flower. cf. *Masdevallia* x *glaphyrantha* Rchb.f. (syn.).

glareosa: as *glareosus*. cf. *Orchis glareosa*.

glareosus: gravelly; of a gravelly area; growing in gravelly terrain. Can also be used ref. to a surface condition as: grainy; gritty, etc.

glauca: see *glaucinus*, glaucous. cf. *Rhyncholaelia glauca*.

glaucescence: the condition, or state of being glaucous.

glaucescens: see *glaucinus* + suffix: tending to; becoming. Ref. colour of leaves. cf.

Erythroides glaucescens.

glaucifolia: as *glaucifolium*. cf. *Cyrtorchis glaucifolia*.

glaucifolium: see glaucous, *glaucinus* + leaf. cf. *Bulbophyllum glaucifolium*.

glaucinus: a colour term: a blue grey-green; aka. sea-green.

glaucoglossa: as *glaucoglossum*. cf. *Clowesia glaucoglossa*.

glaucoglossum: see glaucous, *glaucinus* + tongue. cf. *Catasetum glaucoglossum*.

glaucenodosa: see glaucous, *glaucinus* + ref. *nodosus*: full of knots; knotty; of nodes.

glaucophylla: see glaucous, *glaucinus* + leaf. cf. *Leptotes glaucophylla*. syn. *L. bicolor*.

glaucophyllum: see glaucous, *glaucinus* + leaf. cf. *Paphiopedilum glaucophyllum*.

glaucous: having a fine waxy, bluish grey-green, or greyish-white surface coating (like bloom, see "B"), that is not easily removed.

glaucophyllus: see glaucous, *glaucinus* + leaf. cf. *Elleanthus glaucophyllus*.

glaucovirens: see *glaucinus* + *virens*: greening. cf. *Epidendrum glaucovirens*. syn.

Prosthechea glauca.

glaucoviride: see *glaucinus* + ref. *viridis*: green. Together: bluish grey-green. Struggled through the Lat. description and it's for the leaf colour. cf. *Dendrobium glaucoviride*.

glaucum: see glaucous. cf. *Bulbophyllum glaucum*.

glazioveana: as *glazioviana*. ex Brazil, cf. *Octomeria glazioveana* Regel 1883.

glazioviana: listed as Lat'd. spelling (+ belonging to) for surname of botanist, Auguste Francois Marie Glaziou (1828-1906). ex Brazil, cf. *Habenaria glazioviana* Kraenzl. ex Cogn. 1893.

glaziovii: as *glazioviana*. ex Brazil, cf. *Pleurothallis glaziovii* Cogn. 1896.

glebelandense: from Glebe Land. The species is listed as ex Vietnam and my only ref to Glebe Land, is a small town of eastn. central Barbados island in the Caribbean Sea. Perhaps for where it flowered in cultivation (?). cf. *Cymbidium* x *glebelandense* Rolfe 1911.

glebelandensis: as *glebelandense*. cf. *Cyperorchis* x *glebelandensis* (Rolfe) Schltr. 1924. syn. *Cymbidium* x *glebelandense*.

glebulosum: ref. *glebula*: small lump +-osa: with many small rounded lumps. cf. *Microcoelia glebulosum*.

glenion: ref. *glene* (orig.: the eye socket), *glenion*: a small shallow socket. Noted as seen esp. with *Pleurothallidinae*. Is for a rounded depression near the base of the labellum (: the other part of the "ball and socket" joint, see *condyl-*).

Globiceps: ref. *globus*: ball + head. Ref. the "head" of flowers, globe-shaped.= *Bulbophyllum* section.

globiceps: see *Globiceps*. cf. *Bulbophyllum globiceps*.

globifera: ball + bearing. Ref. the pseudobulbs. cf. *Eria globifera*.

globiflora: ball + flower(s). cf. *Eriopexis globiflora*. syn. *Dendrobium globiflorum*.

globiflorum: ball + flower(s). cf. *Dendrobium globiflorum*.

globigera: ball + bearing. cf. *Platyclinis globigera*. syn. *Dendrochilum globigerum*.

globigerum: ball + bearing. Ref. the head of flowers. cf. *Agrostophyllum globigerum*.
globoid: almost a globular form; spheroid. + See globular.
globosa: see globose. Ref. the head of flowers. cf. *Traunsteinera globosa*.
globose: descwd., ref. *globosus*: rounded; spherical; globoid; almost round. + See globoid.
globosum: see globose. cf. *Epidendrum globosum*. syn. *Jacquiniella globosa*.
globosus: see globose. cf. *Isochilus globosus*. syn. *Jacquiniella globosa*.
globula: small ball, see globular. For the general shape of the flower. cf. *Microtis globula*.
 Noted as endemic to West.Aust.
globular: ref. *globulus*: small ball + Eng. suffix: of; like, etc. Of any organ, part, or a group likened to a small globe, sphere, ball, etc. + See globoid, globose.
globule: see globular. Usually implies a small globular projection upon a surface. Also can ref. to a droplet, eg., a globule of nectar.
globulifera: small ball + bearing. Refs. to the inflo. cf. *Eria globulifera*.
globuliferum: small ball + bearing. Ref. the pseudobulb. cf. *Otoglossum globuliferum*.
globuliform: globular + shape; form. Not seen very often, it's easier just to say globular.
globuliforme: globule + shape. Ref. the pseudobulbs. Noted as one of the smallest epiphytes known, with pseudobulbs only c1.5mms. high (about the size of a small pin head). cf. *Bulbophyllum globuliforme*. Noted as endemic to Aust.
globuliformis: descwd.: globule + shaped. Noted, this word was also once taken to mean: shaped like a button.
globulosa: ref. *globulosus*: (with) many globules. cf. *Microcoelia globulosa*.
globulosocarata: globulous + spurred. cf. *Diaphananthe globulosocarata*. syn. *Rhipidoglossum globulosocaratum*.
globulosocaratum: globulous + spurred. cf. *Rhipidoglossum globulosocaratum*.
globulosum: as *globulosa*. cf. *Angraecum globulosum*. syn. *Microcoelia globulosa*.
globulous: like, or having globules; globular.
globulus: small ball. Ref. the pseudobulbs. cf. *Bulbophyllum globulus*.
glochidate: ref. *glochis*: point of an arrow; barb + suffix: like; having. Having a part, projection, or appendage alluding to the shape.
glochidea: as *glochideus*. cf. *Lepanthes glochidea*.
glochideus: descwd., *glochis* + like, see glochidate.
glochis: barb; point, see glochidate. cf. *Pleurothallis glochis*.
Glomera: Blume 1825, see glomerate. Ref. the inflo. ex New Guinea, eg. *Glomera acicularis*.
glomera: see glomerate. cf. *Elleanthus glomera*.
glomerata: see glomerate. cf. *Dactylis glomerata*.
glomerate, *glomerous*: ref. *glomus*, *glomeris*: a ball of yarn; a ball + suffix: like; having. Gathered into a loose rounded cluster, like a ball (of yarn), or "head" (shape). + Can ref. to a cyme, see "Inflorescences".
glomeratum: see glomerate cf. *Dendrobium glomeratum*.
glomeratus: see glomerate. cf. *Ancistrorhynchus glomeratus*. syn. *A. cephalotes*.

glomeriflorum: see glomerate + flowers (or, has flowers likened to a *Glomera*?). cf.

Dendrobium glomeriflorum. syn. *D. catillare*.

Glomerinae: *Glomera* + suffix denotes it's a subtribe.

glomeroides: see *Glomera* + resembling. cf. *Glomera glomeroides*.

glomerosa: see glomerate. With *-osa*, could be equiv. to glomerous. cf. *Masdevallia glomerosa*.

glomerous: loosely gathered into a ball, or cluster. Basically the same as glomerate.

glomerule: see glomerate, + ref. *glomeris* with an added dimin.: small. In a discussion the ref. was to the inflo. (as a glomerule): a loose cluster, which was comprised of almost sessile flowers, bracts and "fibres".

glomerulosa: see glomerule + *-osa* (+ see *glomerosa*). cf. *Lepanthes glomerulosa*.

gloriana: belonging to La Gloria (village), Darién Prov., eastn. Panama. cf. *Sobralia gloriana* Dressler 2002.

gloriosa: ref. *gloria* + *-osa*: full of glory; glorious. cf. *Schomburgkia gloriosa*.

gloriosum: as *gloriosa*. cf. *Odontoglossum gloriosum*.

gloris: sister-in-law. cf. *Lepanthes gloris*.

gloss-, *-glossa*, *glosso-*, *-glossum*, *-glossus*: used in combwds., ref. *glossa*: tongue. Doesn't exclusively ref. to the labellum. Can infer: tongue-like; tongue-shaped. For any organ, part, projection, or appendage that could be likened to a tongue.

glossacles: tongue + *-cles*: an abundance; extravagance. cf. *Masdevallia glossacles*. syn. *M. mentosa*.

Glossaspis: Spreng.1826: tongue + shield. syn. *Peristylus* Blume.

glossaspis: tongue + shield. cf. *Epidendrum glossaspis*.

glossites: tongue + see *-ites*: of, etc. cf. *Lepanthes glossites*.

glossoceras: tongue + horn. cf. *Epidendrum glossoceras*.

glossochila: tongue + lip. Labellum likened to a tongue. cf. *Pleurothallis glossochila*.

Glossochilopsis: Szlach.1995: tongue + lip + appearance. syn. *Malaxis* Sol.ex Sw.

Glossodia: R.Br.1810: tongue + resembling. Ref. tongue-like appendage (calli) at the column base. eg. *Glossodia major*. Noted as endemic to eastn. Aust.

glossodia: as *Glossodia*. cf. *Caladenia glossodia*. syn. *Glossodia minor*. Noted as endemic to eastn. Aust.

glossodioides: tongue + like + resembling. Or the tongue resembled that of a *Glossodia* (?). cf. x *Cyanthera glossodioides* Hopper & A.P.Br.

glossodiphylla: tongue + resembling + leaf. Or, has leaves like a *Glossodia* (?). cf. *Caladenia glossodiphylla*. syn. *Caladenia drummondii* Benth.1873.

glossomystax: tongue + moustache. Ref. the labellum, fimbriate lobes. cf. *Erycina glossomystax*.

glossophora: tongue + bearing. cf. *Platanthera hologlottis* var. *glossophora*.

glossophyllum: tongue + leaf. cf. *Herminium glossophyllum*.

glossopogon: tongue + beard. cf. *Pleurothallis glossopogon*.

Glossorhyncha: Ridl.1891: tongue + snout; beak. Ref. the rostellum. Or could ref. to the labellum + spur. eg. *Glossorhyncha brachychaete*. syn. *Glomera brachychaete*.

glossorhynchoides: tongue + snout; beak + resembling, or was, somehow likened to a *Glossorhyncha* (?). cf. *Dendrobium glossorhynchoides*.
glossorhynchum: tongue + snout; beak. cf. *Dendrochilum glossorhynchum*.
glossotis: tongue + ear. cf. *Dendrobium glossotis*. syn. *D. catillare*.
Glossula: Lindley 1824: small tongue. Ref. the labellum mid-lobe. syn. *Peristylus* Blume.
glossula: tongue + small. cf. *Liparis glossula*.
-glotta, -glottis: used in combwds. Ref. *glottis*, a variation of *glossa*: tongue. Can sometimes be used in the Eng. sense: windpipe; throat. eg. In a discussion, the mouth of a spur was called the glottis.
gloxiniaeflora: gloxinia + flower. Ref. gloxinia, a tropical American plant, popular as indoor pot-plants with showy, large, white, red, or purplish bell-like flowers of the family: *Gesneriaceae* (+ see gesneriads). Gloxinia is named for the 18th century botanist, Benjamin Peter Gloxin. cf. *Trichopilia gloxiniaeflora*.
glumacea: see glume + suffix: like. Ref. the large, bearded, glume-like bracts. cf. *Liparis glumacea*.
glumaceum: see glume + like, etc. cf. *Dendrochilum glumaceum*.
glumarum: see glume + of, belonging to. cf. *Epidendrum glumarum*.
glume: adapted from *gluma*: a husk. The floral covering of certain grasses, similar to a bract.
glumibracteatum: glume + see bracteate (has glume-like bracts?). cf. *Epidendrum glumibracteatum*. syn. *E. polyanthum*.
glumibracteum: see glume + see bract, bracteate. cf. *Maxillaria glumibracteum*. syn. *Epidendrum polyanthum*.
glumous: see glume. Having glumes; glume-like.
glutiferum: ref. *gluten*: glue + see *-fer*: bearing. cf. *Cyrtopodium glutiferum*. syn. *C. andersonii*.
glutinosa: glue + full of. Listed as ref. the succulent tuberosids, + see glutinous. cf. *Arethusa glutinosa*. syn. *Geodorum densiflorum*.
glutinosum: see glutinous. cf. *Bulbophyllum glutinosum*.
glutinous: descwd., ref. *glutinosus*: like glue; gluey; sticky; viscid.
glycogen: descwd., listed as coined from *glykys*: sweet + *-gen*: of a kind. A hydrocarbonous compound; a starchy substance stored and used by an orchid in its diet.
Glycorchis: D.L.Jones & M.A.Clem.2001: ref. *glykys*: sweet (for a perfume?), or ref. *Glyceria*: a genus of grasses of the family: *Gramineae* (for the plant appearance?) + orchid. syn. *Caladenia* R.Br.
glyptodon: ref. *glyptos*: carved + tooth. Or ref. *Glyptodon* (: a Glyptodont): an extinct genus of Armadillos. Could be a fanciful allusion to a flower likened to the reconstructed skeleton of a *Glyptodon*. One author says it refs. to a glandular appendage of the labellum, likened to the head of a *Glyptodon* (?). The flowers certainly are weird. cf. *Drakaea glyptodon*. Noted as endemic to West.Aust.
gmelinii: listed for botanist, naturalist and author, Samuel Gottlieb Gmelin (1745-1774). ex many countries of Europe, cf. *Epipogium gmelinii* Rich.1817. syn. *E. aphyllum*.

gneissicola: may be ref. *gnesios*: true; genuine; legitimate + dweller; resident. Possibly, simply inferring it's a native (?). ex nthn. Madagascar, cf. *Cynorkis hologlossa* var. *gneissicola* Bosser 1969.

gnoma: ref. *gnomus*: gnome. cf. *Habenaria gnoma*. syn. *H. leptoceras*.

gnomifera: gnome + bearing. ex China, cf. *Habenaria gnomifera*.

gnomonifera: the refs. that I have read, that bother to attempt to explain this say it's:

gnome + bearing. But, ref. **gnomon**: the central indicating pin of a sundial (+ *fera*: bearing). Am sure this is a fanciful reference to the small raceme which is surrounded by the large leaf and could be alluded to resemble a sundial: an ancient instrument for telling the time by the sun's shadow, cast by the gnomon. cf. *Pleurothallis gnomonifera*. syn. *Trichosalpinx memor*.

gnomoniferum: gnome + bearing (+ see *gnomonifera*). cf. *Bulbophyllum gnomoniferum*.

gnomus: gnome. A dwarf of Norse folklore, believed to live in the ground and guard treasure. cf. *Catasetum gnomus*.

Goadbyella: R.S.Rogers 1927. Listed for orig.coll., Bede Theodoric Goadby (1862-1945) + *-ella*: respectful suffix. A noted naturalist, botanist and Lieutenant-Colonel of the Royal Aust. Engineers, was with the first contingent sent to New Britain, PNG., 1914. An authoritative collector who often worked with W.H.Nicholls (see *nichollsianum*). ex West.Aust., eg. *Goadbyella gracilis*. syn. *Microtis alba*.

gobiense: listed for place name: from Gobi (village), Morobe district, PNG. cf. *Bulbophyllum gobiense* Schltr.1912.

gobiensis: as *gobiense*. cf. *Eria gobiensis* Schltr.1912.

godeffroyana: as *godeffroyanum*. ex Fiji, cf. *Chiloschista godeffroyana* (Rchb.f.) Schltr.1919.

godeffroyanum: all other refs. spell the name with one "f", but it's still: belonging to Godefroy-Lebeuf, see *godefroyae*. ex Fiji, cf. *Thrixspermum godeffroyanum* Rchb.f. syn. *Chiloschista godeffroyana*.

godefroyae: listed for phytologist, author and collector, Alexandre Godefroy-Lebeuf (1852-1903) of Argenteuil, Paris, France. Descs. accr. to him are abbr. to: God.-Leb. ex Thai., cf. *Paphiopedilum godefroyae* (God.-Leb.) Stein 1892. + See orchidophile, as it's noted, he favoured the publication, *Orchidophile* (Argenteuil, Paris, Fr.).

godefroyana: see *godefroyae* (+ belonging to). ex Fiji, cf. *Chiloschista godefroyana* (Rchb.f.) Schltr.1919.

godeffroyanum: as *godefroyana*. ex the Himalayas to Indo-China, cf. *Aerides godeffroyanum* Rchb.f.1886. syn. *A. multiflorum*.

godefroyanus: see *godefroyana*. ex Fiji, cf. *Chroniochilus godefroyanus* (Rchb.f.) L.O.Williams 1938. syn. *Chiloschista godefroyana*.

godefroyi: see *godefroyae*. ex Indo-China, cf. *Habenaria godefroyi* Rchb.f.1878.

godferyana: belonging to Godfery. Ref. phytologist, Masters John Godfery (?-1945). cf. *Ophrys* x *godferyana* A.Camus. Listed among the synonyms, without date, location, or the "correct name". + See next entry.

godferyi: see *godferyana*. ex France and Italy, cf. *Serapias* x *godferyi* A.Camus 1926.

goebeliana: as *goebelianum*. ex Brazil, cf. *Laelia goebeliana* Kupper & Kraenzl. Noted as syn. to *Sophronitis*.

goebelianum: listed for botanist, Karl Immanuel Eberhard von Goebel [+ belonging to] (1855-1932). ex the Philipp., cf. *Bulbophyllum goebelianum* Kraenzl.1921.

goebelii: as *goebelianum*. ex Brazil, cf. *Epidendrum goebelii* Schltr.1915.

goeringii: ref. botanist and author, Philip Friedrich Wilhelm Goering (1809-1876). ex Japan c1845, cf. *Cymbidium goeringii* (Rchb.f) Rchb.f.1852.

goiandirens: listed for place name: from Goiandira, a major town of Goiás, Brazil. cf. *Cyrtopodium paludicola* var. *goiandirens* L.C.Menezes 1997. syn. *C. paludicola*.

gokanzanensis: from Goken-zan (mtn. peak), nthn. Shikoku Island, Japan. cf. *Tainia gokanzanensis* Masam.1937. Noted as a synonym, without the "correct name".

golbasto: listed as a fanciful name taken from the novel "Gulliver's Travels" x Jonathan Swift c1726. For Golbasto, the emperor of Lilliput, an imaginary island populated by extremely small people. Throughout this text are many instances where authors ref. to orchids as "little people". Perhaps the specep. infers this species is a "king" of the little people, or has a regal bearing (?). Of interest see *lilliputana*. ex Ecuador, cf. *Lepanthes golbasto* Luer & Hirtz 1995.

goldfinchii: listed for orig.coll., Lieutenant Goldfinch RN. ex the Solomon Islands, cf. *Dendrobium goldfinchii* F.Muell.1883.

goldiei: listed for orig.coll., Andrew Goldie, a mercenary for B.S.Williams' famous nursery, of Eng.(see *williamsianum*). cf. *Dendrobium* x *goldiei* Rchb.f.1878. syn. *Dendrobium* x *superbiens*. Noted as endemic to Qld., Aust.

goldsackii: listed for orig.coll., Harold Goldsack (+ of). cf. *Prasophyllum goldsackii* J.Z.Weber & R.J.Bates 1978. Noted as endemic to Sth.Aust.

golestanica: belonging to Golestan. Only listed as ex Iran, noted many villages of this name, in the region. cf. *Orchis* x *golestanica* Renz 1978.

goliath: could be just another way to say it's very large; huge; great, etc. Ref. Goliath, the biblical giant champion of the Philistines, whom David (of the Israelites) slew with a stone from his sling. cf. *Masdevallia goliath* Luer & Andreeta 1992.

goliathense: from Mt.Goliath, central Papua. cf. *Bulbophyllum goliathense* J.J.Sm.1911. Noted as endemic to Papua, Indon.

goliathensis: as *goliathense*. cf. *Octarrhena goliathensis* J.J.Sm.1911. Noted as endemic to Papua, Indon.

golondrina: ex Spanish, lit.: (feminine) a swallow (bird). May be for a place name (noted a few villages, called Golondrina, or Golondrinas), but is probably an allusion to the shape of an organ, part, or group. + See *Lepanthes*. ex Colombia, cf. *Lepanthes golondrina*.

golondrinense: from Golondrina. For place name, only listed as ex Ecuador. Of interest, see *golondrina*. cf. *Epidendrum golondrinense* Hágsater & Dodson 2001.

golungensis: from Golungo Alto, a town of westn. central Angola, Africa. cf. *Polystachya golungensis* Rchb.f.1865.

x *Gomada*: auct. On the syn. list, cf. *Ada* x *Gomesa*.

x *Gomadachtia*: J.M.H.Shaw. On the syn. list, cf. *Ada* x *Brachtia* x *Gomesa*.

gombakense: for place name (from Gombak?), listed as ex west Sumatra, Indon. cf.

Thrixspermum gombakense J.J.Sm.1928.

Gomesa: R.Br.1815. Listed for Bernadino António Gomes (1769-1823), of the Portuguese navy. Physician, botanist and author who specialised in searching for plants of medicinal value. ex Brazil, eg. *Gomesa recurva*.

Gomesia: Spreng.1826, see *Gomesa*. syn. *Gomesa*.

gomesii: of Gomes, see *Gomesa*. ex Brazil, cf. *Oncidium gomesii* Cogn.1906. syn. *O. warmingii*.

gomesii-ferreirae: for place name (+ of), only listed as ex Brazil. Noted, Ferreira Gomes, a town of Amapá state, Brazil. cf. *Pleurothallis gomesii-ferreirae* Pabst 1975.

x *Gomettia*: auct. On the syn. list, cf. *Comparettia* x *Gomesa*.

Gomezia: Lindley 1826: of Gomez, see *Gomesa*. syn. *Gomesa*.

Gomezia: Bartling 1830: of Gomez, see *Gomesa*. syn. *Gomesa*.

gomezoides: see *Gomesa* + resembling. ex Brazil, cf. *Rodrigueziella gomezoides*.

x *Gomochilus*: auct. On the syn. list, cf. *Gomesa* x *Leochilus*.

x *Gomoglossum*: auct. On the syn. list, cf. *Gomesa* x *Odontoglossum*.

Gomphichis (+ have noted, *Gomphicis*): Lindley 1840: ref. *gomphos*: nail; claw, etc.+ suffix: relative to; of. Listed as refs. to glandular hairs. ex Colombia, eg. *Gomphichis alba*.

gomphocarpum: nail; claw + fruit (capsule). From a discussion, I got the impression it's for a remnant of the flower (: probably the column, likened to a claw), remaining on the capsule. cf. *Cymbidium gomphocarpum*. syn. *Cymbidium suave*.

Gomphocentrum: claw + spur. For the fine spur.= *Angraecum* section.

Gomphostylis: Wall.ex Lindley 1830: ref. *gomphos*: nail; claw; bolt; peg + see style: column. syn. *Pleione* D.Don.

gomphreniflorum: *gomph*-+ *reni*-+ *florum*: nail; claw; bolt; peg + kidney + flower. Listed as ex Java, Indon. cf. *Bulbophyllum gomphreniflorum* J.J.Sm.1918.

Gonatopetalum: ref. *gonatos*: jointed; like a bent knee + *-petalum*. Was confused with the *-petalum* until I realised it's not for the petals (or, broad; wide, see *-petalo-*) and is ref. *petalon*: a thin plate and both ref. to the staminode.= *Paphiopedilum* section.

gonatosiphon: like a bent knee; jointed + *siphon*: pipe; tube. cf. *Habenaria gonatosiphon*.

Gonatostylis: Schltr.1906, ref. *gonatos*: like a bent knee + see style: column. Has a sigmoid column. eg. *Gonatostylis vieillardii*.

Gongora: Ruiz & Pav.1794. Listed for Antonio Caballero y Gongora. Viceroy of New Granada and Bishop of Córdoba. ex Ecuador, eg. *Gongora pardina*.

Gongorinae: *Gongora* + suffix denotes it's a subtribe.

gongoroides: *Gongora* + resembling. cf. *Catasetum gongoroides*. syn. *Catasetum bicolor*.

gonggashanicum: for place name: belonging to Gongga Shan (mountain), Sichuan Prov., China. cf. *Amitostigma gonggashanicum* K.Y.Lang 1984.

gongshanense: for place name: from Cikai (aka. **Gongshan**), a town on the Salween River, or **Gongshan** (village) of Yungui Gaoyuan. Both of Yunnan Prov., sthn. China. cf. *Bulbophyllum gongshanense* Z.H.Tsi 1981.

gongshanensis: as *gongshanense*. cf. *Gastrochilus gongshanensis* Z.H.Tsi 1996.

gongylo-: used in combwds., ref. *gongylos*: ball; sphere; knob, etc. For any organ, part or group being knob-like; rounded; roundish.
gongylodes: see *gongylo-*+ resembling. cf. *Pleurothallis gongylodes*.
goninense: as *goninensis*. cf. *Stenorrhynchus goninense* Pulle. syn. *Pelexia goninensis*.
goninensis: for place name (+ from), only listed as ex the Guiana Coast (see *guianense*). cf. *Pelexia goninensis* (Pulle) Schltr.1920.
gonio-: used in combwds., ref. *gonia*: corner; angle: angled.
Goniobulbon: see *gonio-*+ bulb.= *Dendrobium* section.
Goniobulbum: Schltr.: as *Goniobulbon*. Now relegated to a *Dendrobium* section.
Goniochilus: M.W.Chase 1987: angled + lip. Noted as monotypic in the central Americas to Peru. cf. *Goniochilus leochilinus*.
Goniorhabdos: angled + ref. *rhabdos*: stick; wand; rod. Refs. to the pedicel. *Eria* section.
goniorhachis: angled + see *rachis*: flower stem part. cf. *Epidendrum goniorhachis*.
Gonogona: Link 1822. Can only speculate, as there is almost never any info. on synonyms. However, ref. *gonos*: progeny, etc. + knee; node; joint. Perhaps, a new growth (the “progeny”) came from a node (?). syn. *Goodyera* R.Br.
gonychila: ref. *gony*: knee; node; joint + lip. cf. *Eulophia gonychila*.
gonychilus: as *gonychila*. cf. *Lissochilus gonychilus*. syn. *Eulophia gonychila*.
gonzalesii: listed for José Gonzales, Assistant Chief Engineer to the city of Manila. Noted grower and authority, esp. on local orchids. ex the Philipp., cf. *Dendrobium gonzalesii* Quisumb.1938.
gonzalezii: listed for botanist and author, Francisco González Medrano (b1939). ex Brasilia, Brazil, cf. *Cyrtopodium gonzalezii* L.C.Menezes 1999.
gonzaleztamayoi: as next entry. ex Mexico, cf. *Habenaria gonzaleztamayoi* García-Cruz, R.Jiménez & L.Sánchez 2000.
gonzalez-tamayoi: for Roberto González Tamayo, + see *tamayoi*. ex the central Americas, cf. *Epidendrum gonzalez-tamayoi* Hágsater 1993. syn. *Nanodes discolor*.
Goodiera: K.Koch 1844, see *Goodyera*. syn. *Goodyera*.
goodspeedianum: listed for botanist and author, Thomas Harper Goodspeed (1887-1966). ex Ecuador and Peru, cf. *Epidendrum goodspeedianum* A.D.Hawkes 1957.
Goodyera: R.Br.1813. Listed for John Goodyer (1592-1664), Eng. botanist, naturalist and author. ex Canada to the USA., eg. *Goodyera pubescens*.
Goodyerae: *Goodyera* + suffix denotes it's a tribe.
Goodyerinae: *Goodyera* + suffix denotes it's a subtribe.
goodyeroides: *Goodyera* + resembling. cf. *Gomphicis goodyeroides* Lindl.1840. Of interest, Prof.Lindley notes this one resembled a *Goodyera* and Dr.Schlechter had one he likened to a *Hetaeria* (see *hetaeroides*) and yet another was likened to a *Cranichis* (see *cranichoides*).
goonooensis: for place name: from Goonoo (: Goonoo Goonoo) Forest, near Dubbo, NSW., Aust. cf. *Diuris goonooensis* Rupp 1955. syn. *Diuris platichila*.
gordonii: listed for noted grower, the Rt.Hon.Robert Gordon. ex Fiji, cf. *Dendrobium gordonii* S.Moore ex Baker 1883. syn. *D. macrophyllum*.

gorgo: ref. *gorgos*: grim; frightening, etc. Or, could ref. to one of the Gorgons, see *Gorgoglossum*. cf. *Dracula gorgo*. syn. *D. astuta*.
Gorgoglossum: F.Lehm.1897: ex Gk.myth., ref. the Gorgons. A fanciful allusion to the fimbriation of the lip (and petals) resembling the snakes on the heads of the Gorgons (the most well known of them being, Medusa. See "M"), + ref. *glossa*: tongue. eg. *Gorgoglossum reichenbachianum*. This is most perplexing, I noted this genus from a few major ref. books and yet, searched the entire official list (inc. the synonyms) and there's absolutely no mention of it (?).
gorgon: Gorgon, see *Gorgoglossum*. cf. *Myoxanthus gorgon*.
gorgona: of the Gorgons, + see *Gorgoglossum*. cf. *Dracula gorgona*.
gorgonella: Gorgon + dimin., + see *gorgo*. Or, maybe it was compared to *Dracula gorgona* (?). cf. *Dracula gorgonella*.
gorgonensis: listed for place name: from the Isla Gorgona (islands, now a N.Park), off the central west coast, Colombia. cf. *Dichaea gorgonensis* Rchb.f.1877.
gortynia: listed for place name, of an ancient area of Crete island, Greece. cf. *Ophrys gortynia* (H.Baumann & Künkele) Paulus 1986. syn. *O. sphegodes*.
gorumense: listed for place name: from Gorum. Noted as a local name for the Bismark Range, s.west of Madang, PNG. cf. *Bulbophyllum savaiense* ssp. *gorumense* (Schltr.) J.J.Verm.1993.
gorwalicus: was listed as such, but has to be an error for *garwalicus*: belonging to Tehri-**Garhwal** city, nthn. India, see *garhwalensis*. cf. *Gastrochilus gorwalicus* [*garwalicus*?] (Lindl.) Kuntze. syn. *Rhynchostylis retusa*.
gotlandica: belonging to Gotland, a large (Swedish) island in the Baltic Sea. cf. *Orchis spitzelii* var. *gotlandica* Pettersson. syn. *Orchis spitzelii*.
gottfriediana: listed for the given name of Swiss botanist, author and authority, Gottfried Keller (1873-1945). ex Greece, cf. *Ophrys ferrum-equinum* var. *gottfriediana* (Renz) Biel.
gottschalkei: listed for noted grower, G.Gottschalke (+ of) of Manchester, Eng., first to flower it. ex Java (?), cf. *Vanda suavis* var. *gottschalkei* Williams. Took this info. from a book, but there isn't any official listing. syn. *V. tricolor* (?).
gougahensis: for place name (+ from), only listed as ex Annam, Vietnam. cf. *Acanthephippium gougahensis* (Guillaumin) Seidenf.1975.
gouldiana: see *gouldii*. ex Mexico, cf. *Laelia gouldiana* Rchb.f.1888.
gouldii: listed for John Gould Veitch (1835-1870), of the famous Eng. nurserymen, Veitch & Sons. ex the Solomon Islands, etc., cf. *Dendrobium gouldii* Rchb.f.1867.
gouveiae: could be for a person's name (+ of), but also noted Gouvêa, a minor city of Minas Gerais state, Brazil. cf. *Pleurothallis gouveiae* Samp.1916.
Govenia: Lindley 1831. Listed as Lat'd. surname of orig.coll., J.R.Gowen, an Eng. naturalist and botanist. ex Mexico, eg. *Govenia superba*.
govidjoae: listed for place name: of Govidjoa Creek, Dischor Range, Morobe area, PNG. cf. *Dendrobium govidjoae* Schltr.1913.
goweri: listed for botanist, collector and author, W.H.Gower (+ of). ex Nepal to China, cf. *Coelogyne goweri* Rchb.f.1869. syn. *C. punctulata*.

goyazensis: ref. Goiás (aka. **Goyaz**, Goyas) city, and/or from Goiás state Brazil. cf. *Pelexia goyazensis* (Cogn.) Garay 1982.

gracile: ref. *gracilis*: thin; slender. cf. *Prasophyllum gracile*. syn. *P. antennatum*.

gracilenta: as *gracilentum*. cf. *Liparis gracilenta*.

gracilentum: thin; slender + suffix; apt to; plenty, etc.(: very slender). One ref. source defines it as the one word: delicate (?). cf. *Diplocaulobium gracilentum*.

gracilentus: as *gracilentum*. cf. *Cryptophoranthus gracilentus*. syn. *Zootrophion gracilentum*.

gracilibracteatum: slender + bracted. cf. *Epidendrum gracilibracteatum*.

gracilicaule: slender + stem; stalk. cf. *Dendrobium gracilicaule*. Noted as endemic to Aust.

gracilicaulis: as *gracilicaule*. cf. *Ceratostylis gracilicaulis*.

gracilicolle: slender + ref. *collum*: neck. cf. *Diplocaulobium gracilicolle*.

graciliflora: slender + flower. cf. *Platanthera bifolia* ssp. *graciliflora*. syn. *P. bifolia*.

gracilifolia: slender + leaf. cf. *Maxillaria gracilifolia*. syn. *Maxillaria tenuifolia*. Interesting to note that two different authors chose the same feature, as *tenui*- and *gracili*:- slender; thin, etc. + *folia*: leaf.

gracilifolium: slender + leaf. cf. *Diplocaulobium gracilifolium*.

graciliforme: slender + form; shape. cf. *Oncidium graciliforme*.

gracilior: one who is slender; thin. cf. *Eulophia gracilior*. syn. *E. livingstoneana*.

graciliosum: slender + see -osa, here is an emphasis: very. cf. *Dendrobium* x *graciliosum* Clemsha. syn. *Dendrobium* x *gracillimum*. Noted as endemic to eastn. Aust.

gracilipedunculata: slender + see pedunculate. Has a very fine, thread-like peduncle. cf. *Pleurothallis gracilipedunculata*.

gracilipes: slender + foot. Ref. the pedicel. cf. *Oberonia gracilipes*.

gracilis: slender; thin. cf. *Caladenia gracilis*. Noted as endemic to s.east Aust.

graciliscapa: slender + see scape: a flower stem. cf. *Liparis graciliscapa*.

graciliscapum: as *graciliscapa*. cf. *Bulbophyllum graciliscapum*.

graciliscapus: as *graciliscapa*. cf. *Cyclopogon graciliscapus*.

gracilispala: slender + sepal. cf. *Pleurothallis gracilispala*.

gracilispica: slender + spike. cf. *Stelis gracilispica*. syn. *S. striolata*.

gracilistipes: slender + see stipe: stem of pollinia. cf. *Robiquetia gracilistipes*. Pers.coll., common ex PM.PNG.

gracillima: slender + suffix, an emphasis: very, etc. cf. *Aerangis gracillima*.

gracillimum: as *gracillima*. cf. *Dendrobium* x *gracillimum* (Rupp) Leaney 1934. Listed as a natcross of *D. gracilicaule* x *D. tarberi*. Noted as endemic to eastn. Aust.

gracillimus: as *gracillima*. cf. *Calochilus gracillimus*. Noted as endemic to Aust.

graebneri: for botanist and author, Karl Otto Robert Peter Paul Graebner (1871-1933). ex Germany, Spain and Turkey, cf. *Platanthera* x *graebneri* (M.Schulze) Domin 1935. syn. *P. x hybrida* Brügger 1880.

graeca: Lat. spelling: (of) Greece. cf. *Dactylorhiza graeca* H.Baumann 1983. Noted as rare and endemic to Mt.Vrondou, Greece.

graeferi: for noted grower, Hugo Graefer of Streglitz, Germany. ex Eritrea, the Arabian Peninsula to Sth.Africa, cf. *Lissochilus graeferi* Kraenzl.1892. syn. *Eulophia streptopetala* Lindley.

graeffei: listed for orig.coll., F.Graeffe (+ of). ex Samoa, cf. *Phaius graeffei* Rchb.f.1868. syn. *Phaius terrestris*.

gramazuense: for place name (+ from), only listed as ex Peru. cf. *Odontoglossum gramazuense* D.E.Benn.& Christenson 2001.

graminea: ref. *gramen*: grass + suffix: of (those being grass-like). Alluding to the leaves. cf. *Thelymitra graminea*. Noted as endemic to West.Aust.

gramineum: see *graminea*, *gramineus*. cf. *Dendrochilum gramineum*.

gramineus: descwd., of, or like grass. Can be a vague colour term: grass-green. But, most often "green" (in general) is expressed as *viridis*, see *virid-*.

gramineus: as *gramineus*. cf. *Cylindrolobus gramineus*. syn. *Eria graminea*.

graminifolia: grass-like + leaf. cf. *Caladenia graminifolia*. Noted as endemic to West.Aust.

graminifolium: grass-like + leaf. cf. *Agrostophyllum graminifolium*.

graminifolius: grass-like + leaf. cf. *Elleanthus graminifolius*.

graminiforme: grass-like + shape. cf. *Dendrobium polychistum* var. *graminiforme*.

graminoides: grass-like + resembling. cf. *Dichaea graminoides*.

graminosus: descwd., of habitat: growing in grassy places. + Can simply be: grassy.

Grammangis: Rchb.f.1860: ref. *gramma*: a letter; mark + ref. *angos*: vessel; container. Ref. the lip. Noted as endemic to Madagascar, eg. *Grammangis ellisii*.

grammata: striped (+ see *grammato-*). cf. *Chiloglottis grammata*.

grammato-: used in combwds., ref. *grammatus*: striped by slightly raised lines.

x *Grammatocymbidium*: auct. On the syn. list, cf. *Cymbidium* x ***Grammatophyllum***.

grammatoglossa: see *grammato-*+ tongue. cf. *Prosthecglossa grammatoglossa*.

grammatoglossum: see *grammato-*+ tongue. cf. *Epidendrum grammatoglossum*. syn. *Prosthechea grammatoglossa*.

x *Grammatoheadia*: auct. On the syn. list, cf. *Bromheadia* x ***Grammatophyllum***.

Grammatophyllum: Blume 1825, see *grammato-*+ leaf. I found a dense, specimen sized clump of *Grammatophyllum speciosum* at Itikinumu, PM.PNG. The stems, on rocky ground, in full sun, were in a rough circular area about 4m. (13ft.), across and c2.5m. (8ft.) high. Reminded me of a stand of sugar cane, more than an orchid! Couldn't possibly think of taking any, they were enormous and have since learned, they detest being moved. Have also read about much larger specimens, than this one, being found. The flowers are c65mm (2 1/2") across, a lovely darker apple green, heavily marked and blotched with dark reddish brown. I have seen the progeny of *G. speciosum*, commercially crossed with a fancy *Cymbidium*, and as much as I am a "species man", this plant and flowers were definitely one to fall in love with!

x *Grammatopodium*: auct. On the syn. list, cf. *Cyrtopodium* x ***Grammatophyllum***.

grammica: listed for place name: belonging to the Grammes Mtns., n.west Greece, bordering Albania. cf. *Ophrys grammica* (B.& E. Willing) Devillers-Tersch.& Devillers 1991. syn. *O. mammosa*.

grammopoma: *grammo-*: line; mark; letter + ref. *poma*: drinking cup, also can be: a cover; lid. cf. *Bulbophyllum grammopoma*.

granadensis: from New Granada (now: Colombia). cf. *Rodriguezia granadensis* (Lindley) Rchb.f.1863.

granatensis: same as *granadensis*. cf. *Calanthe granatensis* Rchb.f.1856. syn. *C. calanthoides*.
+ See next entry.

granatensis: Lat'd. spelling, from *Granata*: Granada, a major city of Andalucía, sthn. Spain. cf. *Ophrys scolopax* var.*granatensis* Amo 1871. syn. *O. scolopax* ssp.*scolopax*.

grand-ansense: from Grand Anse, a town of s.west Martinique, Windward Islands, Caribbean region. cf. *Epidendrum grand-ansense* Nir 2000.

grande: grandly; greatly, etc. cf. *Orchiodes grande*. syn. *Goodyers grandis*.

grande-pallidum: grandly + pale. cf. *Odontoglossum grande-pallidum*. syn. *Rossioglossum schlieperianum*.

grandi-: used in compwds.: big; large; great; grand; lofty. + Other superlatives, eg.: magnificent; splendid, etc. Also can be for an emphasis, eg. see *granditenuis*.

Grandia: see *grandi-*. Was *Odontoglossum* section, now cf. *Rossioglossum grande*.

grandibractea: see *grandi-*+ see bract. cf. *Eulophia grandibractea*. syn. *E. plantaginea*.

grandibracteata: see *grandi-*+ bracted. cf. *Stelis grandibracteata*.

grandibulbosa: see *grandi-*+ *bulbosa*: see bulbous, bulbous. cf. *Eriopsis grandibulbosa*.

grandidierana: as *grandidieranum*. cf. *Neobathiea grandidierana*.(Rchb.f.) Garay 1972.

grandidieranum: listed for French phytologist, Alfred Grandidier [+ belonging to] (1836-1921). A serious investigator and author of works on the flora of Madagascar. cf. *Angraecum grandidieranum* (Rchb.f.) Carrière. syn. *Neobathiea grandidierana* (Rchb.f.) Garay.

grandidieranus: as *grandidieranum*. cf. *Aerangis grandidieranus* Rchb.f.

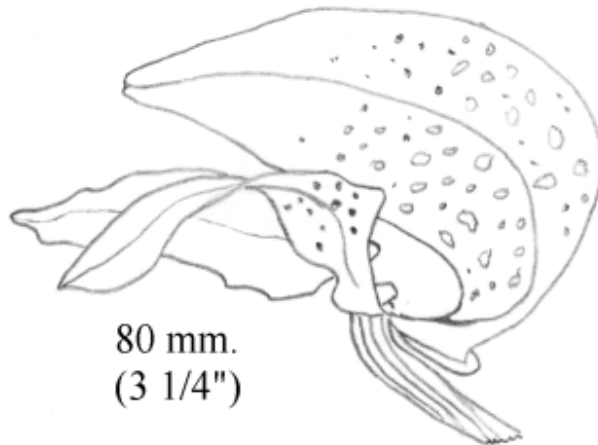
grandidieri: as *grandidieranum*. cf. *Eulophia grandidieri* H.Perrier 1935.

grandiflora: see *grandi-*+ flower. cf. *Pterostylis grandiflora*. Noted as endemic to Aust.

grandifloriformis: see *grandi-*+ flower + form; shape. cf. *Habenaria grandifloriformis*.

grandiflorum: see *grandi-*+ flower. cf. *Bulbophyllum grandiflorum*. Pers.coll. ex PM.PNG., see sketch and notes.

Bulbophyllum grandiflorum.



Not uncommon, ex PM.PNG. Had a plant given to me from the Kamusi River area, Popondetta, with small flowers c40mms.(1 1/2") long.

Found this beauty at Subitana, Feb.'72. Not "pretty", mostly a drab, pale greenish-brown with translucent spots (: light-gatherers, + see lenticel). The large single flower is very majestic and and striking, c80mms.(3 1/4") long.

Overall, the flower and scape stands c230mms.(9") high. I had a real soft spot for this one, as it was so different. Mainly because it was reasonably open and yet appeared to (almost) not have petals, or a labellum! They were there all right, but were quite small.

grandiflorus: see *grandi*-+ flower. cf. *Calochilus grandiflorus*. Noted as endemic to Aust.
grandifolia: see *grandi*-+ leaf. cf. *Spathoglottis grandifolia*.
grandifolium: see *grandi*-+ leaf. cf. *Bulbophyllum grandifolium*. Noted as endemic to PNG.
grandifolius: see *grandi*-+ leaf. cf. *Phaius grandifolius*. syn. *Phaius tankervilleae*. Pers.coll., see *Phaius*.
grandilabella: see *grandi*-+ lip. Has a large lip, compared to others of its ilk. cf. *Glossorhyncha grandilabella*. Noted as endemic to PNG.
grandilabre: see *grandi*-+ lip. cf. *Bulbophyllum grandilabre*.
grandilabris: see *grandi*-+ lip. cf. *Gastrodia grandilabris*.
grandimentum: large; great + see *mentum*, -*mentum*. cf. *Maxillaria grandimentum*.
grandimesense: Lat'd. for place name (+ from) of the Yorkey Range area, nth. Qld., Aust. cf. *Bulbophyllum grandimesense* B.Gray & D.L.Jones 1989.
grandimesensis: as *grandimesense*. cf. *Oxysepala grandimesensis* (B.Gray & D.L.Jones) M.A.Clem.& D.L.Jones 2002. syn. *Bulbophyllum grandimesense*.
grandiosus: descwd.: impressive; imposing; striking, etc.
grandis: see *grandi*-. cf. *Sophronitis grandis*.
grandisepala: see *grandi*-+ sepal(s?). cf. *Arachnis grandisepala*.
granditenuis: see *grandi*- (here, is an emphasis) + *tenuis*: very; extremely + slender; thin. cf. *Maxillaria granditenuis*.
granducalis: freely trans. to: of, or pertaining to a great leader. Can't determine who the author was referring to. cf. *Eulophia granducalis* Kraenzl. syn. *E. zeyheri*.
granduliferum: see *grandi*-+ dimin. + bearing. cf. *Paphiopedilum granduliferum*.
granitica: of or belonging to granite: a kind of rock. Could ref. to the flowers, they are speckled like granite, but also noted they were found growing on granite ridges. cf. *Encyclia granitica*.
graniticola: granite + resident; dweller. See *granitora*. cf. *Caladenia hoffmanii* ssp.*graniticola*. Noted as endemic to West.Aust.
graniticum: as *granitica*. cf. *Epidendrum graniticum*. syn. *Encyclia granitica*.
graniticus: belonging to granite. cf. *Lissochilus graniticus*. syn. *Eulophia speciosa*.
granitora: of, or belonging to granite. Growing in areas where there are many granite rock outcrops, with the soil containing a large proportion of decayed granite. Commonly known as "granite country". ex West.Aust., cf. *Caladenia granitora*.
granizoi: may be for a person's name (+ of). Also noted some places (esp. in Mexico) called Granizo, but no listing for any ex Peru (the given location). cf. *Neokoehleria granizoi* (Königer) Senghas 2001.
gransabanensis: for place name: from La Gran Sabana*(a savannah region) of Guiana N.Park, Bolivar state, Venezuela. cf. *Cattleya* x *gransabanensis* Senghas 1999. *NB., Spanish, *sabana*: savannah (see "S"), but there has to be a small pocket of forest somewhere, as this plant is an epiphyte.
grantii: listed for orig.coll., Alex Grant (+ of). cf. *Dendrobium grantii* C.T.White 1910. syn. *D. lineale*. Pers.coll., not uncommon ex PM.PNG.
granular: ref. *granum*: grain. Of; belonging, or relative to; composed of, or having grains. Can ref. to a surface condition: grainy; gritty. eg. ... a granular lip.

granularis: granular. cf. *Pleurothallis granularis*.

granulata: see *granulatus*. cf. *Trichoglottis granulata*.

granulate: see *granulatus*. eg. ...having a granulate labellum.

granulations: for us, use of this word is now mostly obsolete. See papillate, papilla, papillae.

granulatus: descwd.: grain + dimin. + like; having. Refs. to a surface condition: having many small grain-like projections (usually, papillae). Gritty; grainy; granulate.

granulosa: small grain + -osa: many; full of, etc. Very grainy; gritty. Ref. the (rose coloured) papillae of the labellum disc and mid-lobe. cf. *Cattleya granulosa*.

granulosum: small grain(s) + see -osa: very grainy; gritty. cf. *Epidendrum granulosum*. syn. *Cattleya granulosa*.

granulous: composed of, or having small grains; grainy; gritty. eg. "... the granulous pollinia".

x *Graphiella*: auct. On the syn. list, cf. *Cymbidiella* x *Graphorkis*.

Graphorchis: Thouars 1809, see *Graphorkis*. syn. *Graphorkis*.

Graphorkis: Thouars 1809: ref. *graphe*: writing; drawing + orchid. ex Madagascar, eg. *Graphorkis ecalcarata*.

graptolitus: ref. *graptos*: marked; written + ref. *litus*: smeared; smudged; daubed, etc. Ref. the flower markings. ex New Caledonia, cf. *Taeniophyllum graptolitus* N.Hallé.

grassensis: listed for place name: from Grasse, c25kms. nth. of Cannes, sthn. France. cf. *Ophrys grassensis* Jauvy ex Steudel. syn. *Ophrys saratoi*.

grastidioides: reed-like + resembling. Or, likened to a *Grastidium* (?). cf. *Dendrobium grastidioides*. Noted as endemic to Sumatra, Indon.

Grastidium: Blume 1825: ref. *grastis*: reed + dimin., or -like. Ref. to the stems, eg. *Grastidium luteocilium*. syn. *Dendrobium luteocilium*. Definitely a "botanical", common ex PM.PNG. + See next entry.

Grastidium: as last entry.= *Dendrobium* section. A few species, of this section, were common in PM.PNG. and fairly distinctive not only for their long slender stems, but also by having two flowers from the one node, nearly always facing each other. To me, this seems a clever ploy by the plant, for an insect visitor (going first to one flower), would be unrewarded (but, taking the pollinia) and then hop across to check out the other and thus effect its pollination. Often, the flowers only lasted the one day.

grata: ref. *gratus*: pleasing; welcome. cf. *Limatodis grata*. syn. *Phaius gratus*.

gratiosa: ref. *gratiosus*: in favour; popular. cf. *Pleurothallis gratiosa*.

gratiosissima: as *gratiosissimum*. cf. *Callista gratiosissima*. syn. *Dendrobium gratiosissimum*.

gratiosissimum: lit., very popular; very pleasant. cf. *Dendrobium gratiosissimum*.

gratiosum: see *gratiosa*. cf. *Epidendrum gratiosum*.

gratissima: ref. *grate*: with pleasure + suffix: an emphasis. cf. *Diothonea gratissima*. syn. *Epidendrum gratissimum*.

gratrixiana: as *gratrixianum*. cf. *Cordula gratrixiana* (Rolfe) Rolfe 1912. syn. *Paphiopedilum gratrixianum*.

gratrixianum: Gratrix + belonging to. ex Laos, listed for orig.coll., botanist M.Gratrix. cf. *Paphiopedilum gratrixianum* Rolfe 1905.

gratulabunda: had an involved expl. for this, but found a ref. of one word, *gratulabundus*: congratulating. cf. *Gongora gratulabunda*.

gratus: pleasing; welcome. cf. *Phaius gratus*.

graveolens: ref. *gravis*: heavy; strong + *-olens*: smelling. With this one, most unpleasant! cf. *Bulbophyllum graveolens*. Had one given to me, ex eastn. PNG., a good looking plant and flower, but I had to give it away as well. Its "perfume" was not as potent as *B. fletcherianum*, still ... no thanks!

gravida: ref. *gravidus*: loaded; full; heavy. cf. *Encyclia gravida*.

gravidum: as *gravida*. cf. *Bulbophyllum gravidum*.

grayi: of Gray. For Aust. phytologist, B.Gray. cf. *Vrydagzynea grayi* D.L.Jones & M.A.Clem.2004. Noted as endemic to Qld., Aust. + See next entry.

grayi: listed for American botanist and author, Asa Gray (1810-1888). ex Eastn. central and eastn. USA., cf. *Spiranthes grayi* Ames 1904. syn. *Spiranthes tuberosa*.

grayumii: for phytologist and author, Michael Howard Grayum (b1949). ex Costa Rica, cf. *Pleurothallis grayumii* Luer 1996.

greatrexii: listed for botanist, F.C.Greatrex (+ of). ex Malawi, Africa. cf. *Polystachya greatrexii* Summerh.1966.

greenei: listed for botanist, naturalist and author, Edward Lee Greene (1843-1915). ex Mexico, cf. *Mormodes greenei* Hook.f.1869. syn. *M. uncia*.

greeniana: listed for Charles Green (+ belonging to), see *greenii*. ex Brazil, cf. *Centroglossa greeniana* Cogn.1904.

greenianum: for botanist and orig.coll., Peter Shaw Green [+ of] (b1920). ex Pentecost Island, Vanuatu. cf. *Dendrobium greenianum* P.J.Cribb & B.A.Lewis 1989.

greenii: listed for Charles Green, gardener to W.Saunders (see *Saundersia*), first to flower it. ex Mexico, cf. *Mormodes greenii* Hook.f.1869. syn. *M. uncia*.

greenii: as *greenianum*. ex Bhutan, cf. *Papilionanthe greenii* (W.W.Smith) Garay.

greenmaniana: listed for botanist and author, Jesse More Greenman [+ belonging to] (1867-1951). ex Mexico, cf. *Bletia greenmaniana* L.O.Williams 1946.

Greenwoodia: Burns-Bal.1986: see *greenwoodiana*. syn. *Kionophyton*.

greenwoodiana: belonging to Greenwood. For phytologist and author, E.W.Greenwood. ex Mexico, cf. *Habenaria greenwoodiana* R.González 2000.

greenwoodii: of Greenwood, see *greenwoodiana*. ex Mexico, cf. *Lepanthes greenwoodii* Salazar & Soto Arenas 1996.

gregaria: of a flock, or crowd. + See gregarious (maybe there was a large population of them?). cf. *Thelymitra gregaria*. Noted as endemic to Vic., Aust.

gregariiflora: of a mob; crowd, or ref. *gregarius*: fond of company + flower(s).+ See gregarious flowering. cf. *Jumellea gregariiflora*.

gregarious: ref. *gregarius*: fond of company. Many orchid species are gregarious, ie. crowding together forming clumps, mats, or populations. An early lesson drummed into me was: always underpot (using the smallest pot you possibly can). It is a fact that many orchids will do so much better when they are crowded.

gregarious flowering: Plants of the same species, in the same region can all react to some natural “trigger”, at the same time. Activating their flowering process, so that they all open their flowers on the same day. A good example is *Dendrobium crumenatum*, the flowering “trigger” is a thunderstorm. See sketch and notes at *crumenatum*. This is different to synchronous flowering. See “S”.

gregulus: ref. gregus + dimin.: a small flock; herd. cf. *Dendrobium gregulus*.

grenieri: for botanist and author, Jean Charles Marie Grenier (1808-1875). Descs. accr. to him are abbr. to: Gren. ex the Mediterranean region, cf. *Serapias* x *grenieri* K.Richt.1890. syn. *S. x intermedia* Forestier & F.Schultz 1851.

greuteri: listed for Swiss phytologist and author, Werner Rodolfo Greuter (b1938). ex Greece, cf. *Epipactis greuteri* H.Baumann & Künkele 1981.

grex: lit., a herd; flock. The word is not often seen in discussions of individual species. Adopted into the Bot. language for: the total assemblage of individual plants which are the progeny of a man-made cross (hybrid). The offspring are named by a long and involved formula of all parents, or by a collective (or, grex) name, consisting of a generic name and a grex (: collective) epithet.

grex-anserinus: flock + of geese (ref. to the flowers). Trivium: to be pedantic, in English, a group of geese, is a “gaggle”. ex Costa Rica, cf. *Ornithocephalus grex-anserinus* Dressler & Mora-Ret.1997.

griffin: a fanciful specep., possibly for a flower shape, and/or to compliment the genus. A griffin (also griffon): a fabulous myth. beast having the head and wings of an eagle and the body of a lion. ex Ecuador, cf. *Zootrophion griffin* Luer 1982.

griffithiana: belonging to Griffith, see *griffithii*. ex the westn. Himalayas, cf. *Oberonia griffithiana* Lindley 1838.

griffithianum: as *griffithiana*. ex Assam, India, cf. *Dendrobium griffithianum* Lindley 1835.

griffithii: listed for Eng. botanist, collector and authority, William Griffith (1810-1845). In 1842, he became Superintendent of the Calcutta Botanic Garden. Descs. accr. to him are abbr. to: Griff. cf. *Acriopsis griffithii* Rchb.1854.

grimesii: listed for orig.coll., B.D.Grimes. cf. *Dendrobium* x *grimesii* C.T.White & Summerh.1934. Listed as a natcross of *D. calamiforme* x *D. nugentii*. Noted as endemic to Qld., Aust.

grimwadeanum: listed for Sir Wilfrid Russell Grimwade (1879-1955), author and authoritative orchidist of Melbourne, Aust. cf. *Prasophyllum grimwadeanum* Nicholls 1948. syn. *P. giganteum*. Noted as endemic to West.Aust.

grinincensis: for place name (+ from). Possibly refs. to Grinënki, a town of Vinnytsya, Ukraine (?). cf. *Ophrys* x *grinincensis* P.Delforge.

grisebachiana: belonging to Grisebach. For botanist, naturalist and author, August Heinrich Rudolf Grisebach (1814-1879). Descs. accr. to him are abbr. to: Griseb. ex Mexico, cf. *Microstylis grisebachiana* Fawc.& Rendle 1909. syn. *M. urbana*.

grisebachianum: as *grisebachiana*. ex Cuba, cf. *Epidendrum grisebachianum* Cogn.1910 syn. *Prosthechea ochrantha*.

grisebachii: as *grisebachiana*. ex Trinidad to Brazil, cf. *Lyroglossa grisebachii* (Cogn.) Schltr.1921.

grisellus: see *griseus* + dimin.: a vague colour term, not quite as grey as *griseus*.
griseolus: a colour term, very similar to *grisellus*: a paler shade of grey.
griseous: a vague colour term: a pearl grey. Noted the Bot. Lat. equivalent is *griseus*.
griseus : a colour term: a pearl grey, verging on blue. Closely equiv. to English, *griseous*.
Grobya: Lindley 1835. Listed for noted grower, Lord Grey of Groby, Eng. eg. *Grobya galeata*. Noted as endemic to Brazil.
grobyi: see *Grobya*. ex Colombia, etc., cf. *Pleurothallis grobyi* Bateman ex Lindley 1835.
Grobryinae: *Grobya* + suffix denotes it's a subtribe.
grobyoides: see *Grobya* + resembling. cf. *Maxillaria grobyoides*.
Grosourdy: Rchb.f.1864. Listed for botanist, naturalist and author, Renato de Grosourdy, who specialised in plants of medicinal value. ex Thailand, cf. *Grosourdyia callifera*.
grossa: ref. *grossus*: stout; thick; big. cf. *Gongora grossa*.
grossemaculata: thickly + spotted, or having large spots; blotches (?). cf. *Trichoglottis luchuensis* var. *grossemaculata*.
grossilabris: stout; thick, etc. + lip, or see *labrum*: edge. cf. *Stelis grossilabris*.
grossiradix: stout; thick + *radix*: root. cf. *Lepanthes grossiradix*.
grossum: see *grossa*. Noted that the plant is alluded to being "overweight". cf. *Dendrobium grossum*.
grottagliensis: from Grottaglie city, Apulia, sthn. Italy. cf. *Ophrys x grottagliensis* P.& C.Delforge.
grovesii: listed for botanist and author, Henry Groves (1855-1891). ex India, cf. *Luisia grovesii* Hook.f.1890. syn. *L. filiformis*.
grudense: listed for place name: from Gunung Grudo (aka., Mt.Groeda), central Java. cf. *Bulbophyllum grudense* J.J.Sm.1905.
grussianum: listed for phytologist, O.Gruss (+ belonging to). ex Guangxi Prov., China, cf. *Paphiopedilum x grussianum* H.S.Hua 1998.
grypha: for another fabulous creature. Ref. *gryphus*, *gryphis*, in English: a griffin, or griffon: a fearsome myth. monster, half lion and half eagle. cf. *Lepanthes grypha* Luer 1983.
guacamayense: for place name (from Guacamayo?), only listed as ex Ecuador. cf. *Epidendrum guacamayense* Hágsater & Dodson 1993.
guacamayensis: as *guacamayense*, with this one listed as ex Napo Prov., Ecuador. cf. *Telipogon guacamayensis* Dodson & R.Escobar 1989.
guacamayoana: for place name: belonging to Guacamayo. ex Ecuador, cf. *Kefersteinia guacamayoana* Dodson & Hirtz.
guadalajarana: belonging to Guadalajara. Is only listed as ex Mexico and apart from the major city of Jalisco state, noted there are two others (villages). One of Chihuahua state and Ejido Guadalajara of Baja California state (?). cf. *Habenaria guadalajarana* S.Watson 1887.
guadalcanalense: for place name: from Guadalcanal, largest island of the Solomons group. cf. *Dendrobium guadalcanalense* Guillaumin 1965. syn. *Cadetia hispida*.

guadalupeae: of Guadalupe. This species is listed as ex s.west Mexico, of Nayarit state (where there are two villages) and Colima state (one village). cf. *Encyclia guadalupeae* R.Gonzalez & Alvarado 1999.

guadalupense: as *guadalupensis*. cf. *Pseudocentrum guadalupense* Cogn.1909.

guadalupensis: from the Guadeloupe Islands, West Indies region. cf. *Maxillaria guadalupensis* Cogn.1910.

guaduasensis: for place name (+ from) ex n.west Colombia. Noted some villages and a town, called Guaduas, that fit the location. cf. *Lepanthes guaduasensis* Luer & R.Escobar.

guagra-urcuense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum guagra-urcuense* Hágsater & Dodson.

gualaquicense: listed for place name (+ from) ex Ecuador. Probably ref. Gualaquiza, a town of Morona Santiago Prov. cf. *Epidendrum gualaquicense* Hágsater & Dodson 2001.

gualaquizensis: see *gualaquicense*. cf. *Maxillaria gualaquizensis* Dodson 1994.

guamense: for place name: from Guam island, a USA. territory of the Mariana Islands group. cf. *Bulbophyllum guamense* Ames 1914.

guamensis: as *guamense*. cf. *Coelogyne guamensis* Ames 1914.

guanacasense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum guanacasense* Hágsater & Dodson 1993. + See next entry.

guanacasensis: for place name (+ from), listed as ex Colombia. cf. *Lepanthes guanacasensis* Luer & R.Escobar 1994.

guanacastense: as *guanacastensis*. cf. *Epidendrum guanacastense* Ames & C.Schweinf.

guanacastensis: from Guanacaste Province and/or ref. the Cordillera de Guanacaste (mnts.) of Costa Rica. cf. *Pleurothallis guanacastensis* Ames & C.Schweinf.1930.

guanensis: from Guan (village), n.east Haiti, Hispaniola Island. cf. *Cattleyopsis guanensis* Acuña. syn. *Cattleya gigas*.

guangdongensis: for place name: from Guangdong Prov., China. cf. *Chiloschista guangdongensis* Z.H.Tsi 1984.

guangtungensis: is listed as ex Guangdong Prov., China. This may be another spelling, Guangtung: Guangdong (? + from). cf. *Gastrochilus guangtungensis* Z.H.Tsi 1996.

guangxiense: for place name: from Guangxi Prov., China. cf. *Dendrobium guangxiense* S.J.Cheng & C.Z.Tang 1986.

guangxiensis: as *guangxiense*. cf. *Vanda guangxiensis* Fowlie 1993. syn. *V. concolor*.

guardiana: belonging to Guardia (village), Guanacaste Prov., s.west Costa Rica. cf. *Lepanthes guardiana* Endres ex Luer 1995.

guareimensis: for place name: from Guareima (village), Aragua state, Venezuela. cf. *Maxillaria guareimensis* Rchb.f.1854.

guarujaensis: from Guarujá, a coastal city of São Paulo state, Brazil. cf. *Pleurothallis guarujaensis* Hoehne 1938.

guatemalense: from Guatemala. cf. *Epidendrum guatemalense* Klotzsch 1852. syn. *Encyclia guatemalensis* (Klotzsch) Dressler & G.E.Pollard 1971.

guatemalensis: from Guatemala. cf. *Cattleya* x *guatemalensis* T.Moore 1861. Listed as a natcross of *C. aurantiaca* x *C. skinneri*.

guatopensis: from Guatopo N.Park, Miranda state, Venezuela. cf. *Pleurothallis guatopensis* Foldats. syn. *Platystele ornata*.

guayanensis: among other places, this is listed as ex Colombia. Possibly from the Guainía Department (: admin. division), or maybe it's another spelling (as *guyanensis*) for: from Guyana (?). cf. *Brachystele guayanensis* (Lindley) Schltr.

guayasense: from Río Guayas (river), runs into the Gulf of Guayanquilo, and/or of Guayas Prov., westn. Ecuador. cf. *Epidendrum guayasense* Schltr. syn. *E. isomerum*.

-guera, -guerum: used in combwds., as: rounded; more or less circular; wheel-like.

guerrerense: from Guerrero state, s.west Mexico. cf. *Epidendrum guerrerense* Hágsater & García-Cruz.

guerrerensis: as *guerrerense*. cf. *Helleriella guerrerensis* Dressler & Hágsater 1975.

guesnelianum: for the surname (and was listed with the "g") of noted grower, French Consul, Mon.Quesnel (+ belonging to). ex Brazil, cf. *Epidendrum guesnelianum*. syn. *Encyclia dichroma* (or, *E. jenischiana*? + see *quesnelianum*).

guestphalica: belonging to *Guestphalia*: Westfalen. Refs. to Nordrhein-Westfalen (North Rhine Westfalia, admin.division), Germany. cf. *Orchis* x *guestphalica* K.Richt.

guetrotii: listed for phytologist and author, M.Guétrot (+ of). ex France, cf. x *Orchidanacamptis guetrotii* Labrie. syn. *Anacamptis* x *laniccae*.

guianense: listed to be from French Guiana, Guyana and Surinam (aka., the Guiana Coast). A natcross of *Catasetum longifolium* x *C. macrocarpum*. cf. *Catasetum* x *guianense* G.A.Romero & Jenny 1992.

guianensis: as *guianense*. cf. *Ophrys guianensis* Aubl.1775. syn. *Oncidium guianense* (Aubl.) Garay 1973.

guibertiana: belonging to Guibert, see *guibertii*. ex Cuba, cf. *Tolumnia guibertiana* (A.Rich.) Braem 1986. syn. *Oncidium guibertianum*.

guibertianum: as *guibertiana*. ex Cuba, cf. *Oncidium guibertianum* A.Rich.1850.

guibertii: of Guibert. Listed as first flowered by noted grower, R.Guibert of Paris, France. ex nthn. India, etc., cf. *Dendrobium guibertii* Carrière 1876. syn. *D. densiflorum*.

guilfoylia: listed for orig.coll., W.R.Guilfoyle ex Tweed River area, Qld./NSW. border, Aust. cf. *Epipogium guilfoylia* F.Muell.1872. syn. *Epipogium roseum*.

guilianettii: cf. *Dendrobium guilianettii* F.M.Bailey, ex PNG. This could be a typ.error (see *giulianettii*), as most refs. are to Giulianetti. More info. see *Giulianettia*.

guillauminii: listed for phytologist and author, Andre Guillaumin [+ of] (1885-1974). ex Madagascar, cf. *Angraecum guillauminii* H.Perrier.

guilleminii: listed for botanist, Jean Baptiste Guillemin (1796-1842). ex Brazil, cf. *Habenaria guilleminii* Rchb.f.1847.

guimaraesii: listed for phytologist and naturalist, J.A.Guimaraes (+ of). Descs. accr. to him are abbr. to: J.A.Guim. ex the Mediterranean area, cf. *Ophrys tenthredinifera* ssp.*guimaraesii* D.Tyteca 2000. syn. *O. tenthredinifera*.

guineensis: for place name: from Guinea (Sierra Leone), Africa. cf. *Eulophia guineensis* Lindley 1823.

guingangae: for place name (+ of), only listed as ex west central and sthn. trop. Africa. cf. *Platycoryne guingangae* (Rchb.f.) Rolfe 1898.
guizhouensis: from Guizhou Prov., China. cf. *Phaius guizhouensis* G.Z.Li 1990.
Gularia: Garay 1982. As this is a synonym, no info. was given. Could ref. to *gula*: throat + see -are: of; like, etc. syn. *Schiedeella* Schltr.
gumbariensis: for place name: from Gombari (aka. **Gumbari**), a town of Orientale, Congo (DRC.), Africa. cf. *Eulophia gumbariensis* De Wild.1919. syn. *E. petersii*.
Gunnarella: Senghas 1988: for Gunnar Seidenfaden +-ella: respectful suffix. A Danish phytologist, prolific author, collector, serious investigator and authority on orchids of SE.Asia and esp. Thailand. eg. *Gunnarella gracilis*.
gunnarii: of Gunnar, see *Gunnarella*. ex Andaman Island, cf. *Dendrobium gunnarii* P.S.N.Rao 1992.
Gunnarorchis: Brieger 1981: "Gunnar's orchid". Info. see *Gunnarella*. syn. *Eria* Lindl.
Gunnia: Lindley 1834: see *gunnii*. eg. *Gunnia australis*. syn. *Sarcochilus australis*.
gunnii: listed for orig.coll., phytologist, Ronald Campbell Gunn (1808-1881) FRS., FLS. An authority on the flora of Tas., Aust. and was acknowledged for his dedication in Sir J.D. Hooker's "Tasmanian Flora". cf. *Chiloglottis gunnii* Lindley 1840.
gurwalica: belonging to Tehri Garhwal, Himalayas, see *garhwalensis*. (Had to double check, as I have noted three different spellings for this place). cf. *Rhynchostylis gurwalica* Rchb.f.1861. syn. *Rhynchostylis retusa*.
gurwalicum: as *gurwalica*. cf. *Saccolabium gurwalicum* Lindley 1859. syn. *Rhynchostylis retusa*.
gusdorfii: listed as ex Sumatra for orig.coll., F.Gusdorf (+ of). cf. *Bulbophyllum gusdorfii* J.J.Smith 1917.
Gussonaea: A.Rich., see *Gussonea*. syn. *Microcoelia*.
Gussonea: A.Rich.1828. Listed for phytologist, Giovanni Gussone (1787-1866). Director of the Botanical Garden, Bocco di Falco, Palermo, Italy. Descs. accr. to him are abbr. to: Guss. syn. *Solenangis* Schltr.
Gussonia: Spreng., see *Gussonea*. syn. *Gussonea*.
gussonii: see *Gussonea*. cf. *Orchis gussonii* Tod.1845. syn. *Neotinea tridentata*.
gustavi: listed for the given name of Gustav Mann. More info. see *Manniella*. ex west Africa, etc., cf. *Manniella gustavi* Rchb.f.
gustavii: as *gustavi*. ex Colombia, cf. *Huntleya gustavii* (Rchb.f.) Rolfe 1916.
gustavo-edwallii: for Gustavo Edwall, more info., see *edwallii*. ex sthn. Brazil, cf. *Habenaria gustavo-edwallii* Hoehne 1937.
gutierrezii: of Gutiérrez. Listed as ex Bolivia, may be for a person's name (+ of), but also noted some villages called Gutiérrez, of Santa Cruz and La Paz (Departments). cf. *Masdevallia gutierrezii* Luer 1979.
gutta-sanguinis: a drop + of blood. cf. *Epipactis gutta-sanguinis*.
guttata: ref. *gutta*: a drop; spot; as a drop of liquid + like; having. Spotted as if with drops, or can be: spotted; blotched; speckled. cf. *Cattleya guttata*.
guttatum: as *guttata*. Ref. the labellum papillae. cf. *Bulbophyllum guttatum*.
guttatus: as *guttata*. cf. *Sarcanthus guttatus*. syn. *Rhynchostylis retusa*.

gutterosa: was listed as such, but may be an error for *gutturosa* (see later entry). cf.

Spiranthes gutterosa. syn. *Pelexia gutturosa*.

guttifera: drops; spots + bearing. cf. *Stelis guttifera*.

guttifilum: drop; droplet + thread. cf. *Bulbophyllum guttifilum*.

guttula-sanguis: *gutta* + dimin.: small drop; droplet + ref. *sanguinis*: blood(-like). As if sprinkled with droplets of blood. cf. *Lepanthes guttula-sanguis*.

guttulata: see *guttulatus*. The flower internally, is heavily spotted; dotted. cf. *Masdevallia guttulata*.

guttulatum: see *guttulatus*. cf. *Diplocaulobium guttulatum*.

guttulatus: descwd.: like, or having small drops; as if sprinkled with droplets. Also can ref. to a surface condition: having very small, rounded lumps likened to droplets. + Can mean: spotted; having small spots likened to droplets.

gutturosa: with many, or full of droplets (as, spots) or, could be a contraction: *guttula* + *rosa*: small droplet(s) + rosy (pink) [?]. cf. *Pelexia gutturosa*.

gutula-sanguinis: is listed as such. Ref. *gutus* + dimin.: small flask + blood. For something that is red and flask-shaped (?). Or, may be an error and should be *guttula*: small drop; droplet + *sanguinis*: droplet(s) of blood (?). cf. *Lepanthes gutula-sanguinis*.

guyanensis: from Guyana. cf. *Spiranthes guyanensis* Lindley 1840.

Gyaladenia: Schltr.1921: ref. *gyalos*: hollow, or *gyale*: a kind of cup (?). + gland. syn.

Brachycorythis Lindl.

Gyalanthos: Szlach.& Marg.2001: ref. *gyalos*: hollow, or ref. *gyale*: a kind of cup (?) + flower. Probably the latter, for a flower shape. syn. *Pleurothallis* R.Br.

gyaloglossum: ref. *gyalos*: hollow + tongue. cf. *Bulbophyllum gyaloglossum*.

Gyas: Salisb.1812: ref. *gyas*: giant. syn. *Bletia* Ruiz & Pav.

gyas: giant. cf. *Myoxanthus gyas*.

Gymleucorchis: F.Hanb.1925. Coined from *Gymnadenia* and *Leucorchis*, as it's noted, it seemed to be like both. syn. x *Pseudadenia* P.F.Hunt.

x *Gymnabicchia*: E.G.Camus. Taken from *Gymnadenia* and *Bicchia* and listed as, syn. x *Gymnorchis*. But, this is also noted as being syn. to *Pseudadenia* (?)

x *Gymnacamptonis*: Chitt. Possibly, a misunderstanding for x *Gymnanacamptis* (?). syn. x *Gymnanacamptis* Asch. & Graebn.

Gymnadenia: R.Br.1813: see *gymno*:- naked + *aden*: gland. Listed as refs. to the exposed viscidia (see *viscidium*). ex Europe, eg. *Gymnadenia odoratissima*.

gymnadenia: naked + gland. cf. *Habenaria gymnadenia*. syn. *Gymnadenia conopsea*.

Gymnadenieae: *Gymnadenia* + suffix denotes it's a tribe.

Gymnadeniinae: *Gymnadenia* + suffix denotes it's a subtribe.

gymnadenioides: *Gymnadenia* + resembling. cf. *Microtis gymnadenioides*. syn. *Microtis pulchella*. Noted as endemic to s.west Aust.

Gymnadeniopsis: Rydb.1901: see *Gymnadenia* + appearance. Obviously, the author saw some likeness. syn. *Platanthera* Rich.

x *Gymnadeniorchis*: A.D.Hawkes. On the syn. list, cf. *Gymnadenia* x *Orchis*.

gymnadenoides: naked + gland + resembling, or was likened to *Gymnadenia* (?). cf.

Cynorkis gymnadenoides. syn. *C. anacamptoides*.

- x *Gymnaglossum*: Rolfe 1919. Listed as a natcross, with no further info. It trans. to: naked + tongue, but this doesn't apply, as the name is sure to be taken from the (reputed) parents. (Probably *Coeloglossum* x *Gymnadenia*?). syn. x *Dactylodenia*.
- x *Gymnanacamptis*: Asch.& Graebn.1907. The name is taken from the parents as it's a cross of *Anacamptis* x *Gymnadenia*. eg. x *Gymnanacamptis anacamptis*. Noted as monotypic to westn. Europe.
- gymnandra*: naked + male. Has an anther cell and the pollinia are (partially) exposed (?). cf. *Aa gymnandra*.
- x *Gymnaplatanthera*: Lamb. On the syn. list, cf. *Gymnadenia* x *Platanthera*. syn. *Gymplatanthera* E.G.Camus.
- Gymnigritella*: E.G.Camus 1892: because it looked like both *Gymnadenia* and *Nigritella*. syn. *Gymnadenia* R.Br.
- gymno-*: ref. *gymnos*: naked. Used in combwds. as: open; exposed; unclad; plain; unadorned; bare: naked, ie., without indumentum of any kind. Or, bare: lacking some organ(s), or part(s), eg. *aphyllum* (: without leaves) could easily have been called, *gymnocaulon*: naked + stem (ie., the stem is naked, as it has no leaves: *aphyllum*).
- gymnochila*: see *gymno-* + lip. cf. *Maxillaria gymnochila*.
- gymnochiloides*: naked + lip + resembling. Or, resembles *Gymnochilus* (?). cf. *Cheirostylis gymnochiloides*.
- Gymnochilus*: Blume 1859: see *gymno-* + lip. For the plain, unadorned labellum. syn. *Cheirostylis* Blume.
- gymnopoda*: naked + foot. cf. *Stelis gymnopoda*.
- gymnopus*: see *gymno-* + foot. Ref. the column-foot. cf. *Bulbophyllum gymnopus*.
- Gymnorchis*: Osvacil 1950. Noted, it seemed to be like both *Gymnadenia* and *Orchis*. syn. x *Pseudadenia* P.F.Hunt.
- gymnosperm*: naked + seed. Any plant having exposed seeds, such as a Pine, Fir, Larch, etc., which belong to the class: *Gymnospermae*: (those) with naked seed(s).
- gymnostele*: see *gymno-* + see stele: pillar; column. cf. *Acineta gymnostele*. syn. *A. densa*.
- Gymnostylis*: see *gymno-* + see style: column. ex the Himalayas to China, eg. *Gymnostylis candida*. syn. *Pleione maculata*.
- x *Gymnotraunsteinera*: Cif.& Giacom.1950. The name is taken from the parents, as it's a cross of *Gymnadenia* x *Traunsteinera*. Listed as ex Switzerland, eg. x *Gymnotraunsteinera vallesiaca* (+ see this entry).
- x *Gymplatanthera*: E.G.Camus 1906. The name is taken from the parents, as it's a cross of *Gymnadenia* x *Platanthera*. ex Switzerland, eg. x *Gymplatanthera chodatii*.
- gyn-*, *gyno-*, etc.: used in combwds., ref. *gyne*: woman; female. Mostly refs. to the female reproductive organs, ie. the stigma and ovary.
- gynandrium*: ref. *gyne* + *andros* + suffix: female + male + place of. A more technical word for the column, of the flower. See column.
- Gynizodon*: Raf.1838: (*gyniz*-?), see *gyn-*: woman (stigma) + *-odon*: toothed. Has two "teeth" (small projections) at the stigma (the "woman"). syn. *Oncidium* Sw.

gynoecium: ref. *gyne*: woman + *oikos*: house + suffix: (place) of. Technical term for the female reproductive system.

Gynoglottis: J.J.Sm.1904: woman + tongue. Refs. to the juncture of the lip (the tongue) to the column, near the stigma (fem. reproductive organ: the “woman”). eg.

Gynoglottis cymbidioides. Noted as monotypic in Sumatra.

gynoglottis: see *Gynoglottis*. cf. *Dendrobium gynoglottis*.

gynostegium: a technical term for the stigma (of the column) and ovary. Coined from *gyne*: woman + ref. *stegion*: small shelter; roof; cover + suffix: place of.

gynostemium: woman + of the stamen. An alternative technical word for the female parts (stigma, etc.) of the column.

gypseus: of gypsum, + a colour term: chalky-white; a dull greyish-white.

gyriferum: see *gyro*- + see *-fer*: bearing. cf. *Cyrtorchilum gyriferum*.

gyro-: used in combwds., ref. *gyros*: circle; ring; round. Circling; rounding; rounded.

gyrobulbon: see *gyro*-: circle (circular) + bulb. cf. *Oncidium gyrobulbon*.

gyrochilum: see *gyro*- + lip. cf. *Bulbophyllum gyrochilum*.

gyroglossa: see *gyro*- + tongue. cf. *Platystele gyroglossa*.

Gyrostachys: Pers.1807: see *gyro*-, as circling + *stachys*: spike. syn. *Spiranthes* Rich.

haagii: listed for botanist and naturalist, Friedrich Adolph Haage (1796-1866). ex Colombia, cf. *Cycnoches haagii* Barb.Rodr.1881.

habbemae: of Habbema, see *habbemense*. cf. *Phreatia habbemae* J.J.Sm.1910.

habbemense: from Lake Habbema, central Papua, Indon. cf. *Bulbophyllum habbemense* P.Royen 1979. Noted as endemic.

Habenaria: Willd.1805: ref. *habena*: a strap; thong + see *-are*: like, etc. Ref. the long thin lobes of the labellum. ex China, eg. *Habenaria oligoschista*.

habenaria: strap; thong + like. cf. *Orchis habenaria* L. syn. *Habenaria quinqueseta* var. *macroceratitis*.

Habenarieae: *Habenaria* + suffix denotes it's a tribe.

Habenariinae: *Habenaria* + suffix denotes it's a subtribe.

habenarina: strap + see *-are*: relative to + see *-ina*: like, etc. Or, more likely, the raceme was likened to that of a *Habenaria*. cf. *Liparis habenarina*. Noted as endemic to Aust.

habenarioidea: strap-like + resembling, or see *Habenaria* + resembles. cf. *Orchis habenarioidea*. Was listed as such, but may have been an error for *Orchis habenarioides* (?). syn. *Gymnadenia orchidis*.

habenarioides: *Habenaria* + resembling. cf. *Pterichis habenarioides*.

x *Habenari-orchis*: Rolfe. On the syn. list, cf. *Habenaria* x *Orchis*.

Habenella: Small 1903: ref. *habena*: thong; strap + suffix: small. Ref. the slender labellum lobes. syn. *Habenaria* Willd.

habenifera: strap + bearing. cf. *Lepanthes habenifera*.

Habenorkis: Thouars 1809: strap + orchid. See expl. for *Habenaria*. syn. *Habenaria*.

habenula: small strap. cf. *Pleurothallis habenula*.

habit: ref. *habitus*: condition; disposition (of life). Usually refs. to a peculiarity, feature, or distinction of the species under discussion.

habitat: for a plant's natural home: how and where it grows. Often seen as a heading, in a discussion, or protologue, giving a separate listing and description of the plant's natural environment and ecology. This info. is vital to scientists and growers alike.

habitus: (+ see habit). Mostly seen as a heading in a discussion, or a protologue of the plant and gives a complete outline of all its general features. For more intimate detail, this is usually contained within the botanical (Latin) description.

habitus sketch: a line drawing of the complete plant and flower(s), but without detailed drawings of dissections, or the many smaller organs and parts.

habro-: used in combwds., ref. *habros*: tender; graceful; dainty; delicate, etc.

habropus: see *habro-*+ foot. cf. *Bulbophyllum habropus*. syn. *B. orbiculare*.

habrotinum: ref. *habrotinos*: delicate (+ see *habro-*). cf. *Bulbophyllum habrotinum*.

hachijoense: from Hachijo-jima (island group), south of central Honshu Island, Japan. cf. *Peramium hachijoense* (Yatabe) Makino 1929. syn. *Goodyera hachijoensis*.

hachijoensis: as *hachijoense*. cf. *Goodyera hachijoensis* Yatabe 1891.

hackbridgensis: from Hackbridge, a suburb of London, Eng. Probably for where it was flowered in cultivation and is only listed with the synonyms as *Cattleya x hackbridgensis* auct. 1890, with no further info.

Hadrangis: ref. *hadros*: strong; stout; well developed, etc. + *-angis*, ex *angeion*: vessel; receptacle, etc.= *Angraecum* section.

Hadrocattleya: V.P.Castro & Chiron 2002: stout, etc.+ *Cattleya*. syn. x *Sophrocattleya*.

Hadrodungsia: V.P.Castro & Chiron 2002: stout, etc.+ see *Dungsia*. syn. *Sophronitis*.

Hadrolaelia: (Schltr.) Chiron & V.P.Castro: stout, etc.+ *Laelia*. syn. *Sophronitis* Lindl.

Hadrolaelia: ref. *hadros*: stout, etc. + *Laelia*. = *Laelia* section.

hadwenii: of Hadwen. Listed for noted grower, Isaac Hadwen of Liverpool, Eng., first to flower it. ex Brazil, cf. *Scuticaria hadwenii* (Lindley) Planch.1852.

haema-, *haemato-*: used in combwds., ref. *haima*, *haimatos*: blood; blood-like. Ref. the colour, see *haematicus*. Can infer: bloody; bloodied; blood-stained.

haemantha: see *haema*-+ flower. cf. *Caladenia haemantha*. Endemic to s.east Aust.

haemanthum: see *haema*-+ flower. cf. *Calonema haemanthum*. syn. *Caladenia haemantha*.

Haemaria: Lindley 1826: see *haema-*: blood + see *-are*: like, etc. Ref. the dark red sheathing bracts. eg. *Haemaria discolor*. syn. *Ludisia discolor*.

haematanthum: see *haema*-+ flower. cf. *Epidendrum haematanthum*.

haemathodes: same as *haematodes*. cf. *Maxillaria haemathodes*.

haematicus: see *haema*-+ Ref. *haimatikos*: bloodied + like. + A vague colour term: a dull reddish-brown, likened to (dried) blood; blood-like, etc.

haematinus: descwd., ref. *haimatinos*: bloody.

haematiticus: descwd., not really a colour term: most, or much bloodied. Also listed as similar to *rubiginosus*.

haematochila: see *haema*-+ lip. cf. *Domingoa haematochila*.

haematochilum: see *haema*-+ lip. cf. *Trichocentrum haematochilum*.

haematochrysum: see *haema*-+ gold. cf. *Oncidium haematochrysum*. syn. *O. flexuosum*.

haematodes: see *haema*-+ resembling. cf. *Cymbidium ensifolium* ssp. *haematodes*.

Haematorchis: Blume 1849: see *haema-*, *haemato*-+ orchid. eg. *Haematorchis altissima*. syn. *Erythrorchis altissima*.

haematosticta: see *haema*-+ dots. cf. *Masdevallia peristeria* ssp. *haematosticta*.

haematoxantha: as *haematoxanthum*. cf. *Evelyna haematoxantha*. syn. *Elleanthus haematoxanthus*.

haematoxanthum: see *haema*-+ see *xanth-*: yellowy-brown. cf. *Oncidium haematoxanthum*. syn. *O. flexuosum*.

haematoxanthus: see *haema*-+ yellowy-brown. cf. *Elleanthus haematoxanthus*.

haemoglossa: as *haemoglossum*. cf. *Callista haemoglossa*. syn. *Dendrobium bambusifolium*.

haemoglossum: see *haema*-+ tongue. cf. *Dendrobium haemoglossum*. syn. *D. bambusifolium*.

haenkeanum: ex the Philipp. Listed for orig.coll., naturalist and botanist, Thaddaus Haenke (1761-1817). cf. *Dendrobium haenkeanum* Steud.1840. syn. *Geodorum densiflorum*. Of interest, noted a species from Peru which may be for the same man (?). cf. *Epidendrum haenkeanum* C.Presl 1827.

Hagsatera: R.González 1974. Listed for Dr.Eric Hágsater (b1945), phytologist, author and authority on orchids, esp. of the trop. Americas. Editor of the notable publication "Orquidea" (Mexico)*. ex Mexico, eg. *Hagsatera brachycolumna*. *Most enjoyable, and got some great info. from the few that I had access to.

hagsateri: see *Hagsatera*. ex Ecuador, cf. *Pachyphyllum hagsateri* Dodson 1996.

hagsateriana: belonging to Hágsater, see *Hagsatera*. ex Mexico, cf. *Maxillaria hagsateriana* Soto Arenas 1992.

hagsaterianum as *hagsateriana*. ex Mexico to Guatemala, cf. *Oncidium hagsaterianum* R.Jiménez & Soto Arenas 1993.

hahajimensis: from Haha-jima (island), of the Ogasawara-shoto island group (Bonin Islands), south of Japan. cf. *Malaxis hahajimensis* S.Kobay.1980.

hahensis: for place name (+ from), listed as ex Bali, Lesser Sunda Islands, Indon. cf. *Zeuxine hahensis* J.J.Sm.1927.

hahlianum: belonging to Albert Hahl, Govenor of German New Guinea 1901 (now: PNG.). cf. *Bulbophyllum hahlianum* Schltr.1905. Pers.coll., quite common ex PM.PNG.

haianensis: maybe a typ.error?, for place name (+ from), reported to be the same as *hainanensis*. cf. *Schoenorchis haianensis* (Rolfe) Schltr.

hainanense: see *hainanensis*. cf. *Bulbophyllum hainanense* Z.H.Tsi 1981.

hainanensis: from Hainan. Refs. to the island (also it's a province), south of Leizhou Bandao Peninsula, sthn. China. cf. *Phaius hainanensis* C.Z.Tang & S.J.Cheng 1982.

haitiense: from Haiti (of eastn. Hispaniola). cf. *Oncidium haitiense* Leonard & Ames 1922.

haitiensis: as *haitiense*. cf. *Pleurothallis haitiensis* Dod 1984.

hajrae: for place name (+ of), listed as ex Arunachal Pradesh, India. cf. *Coelogyne hajrae* Phukan 1997.

Hakoneaste: Maek.1935. Because this is a synonym, haven't any info., except it was listed as "from Hakone". Can't define the *-aste* for sure, but may be ex Gk. *asty*: town, place, etc.(?). Ref. Hakone-yama (a volcano), or from relatively nearby, the town of Hakone, Shizuoka-ken Prefecture, Japan. syn. *Ephippianthus* Rchb.f.

halacsyana: belonging to Halacsy, as *halacsyi*. Listed as ex the eastn. Mediterranean region, cf. *Serapias* x *halacsyana* Soó 1931.

halacsyi: listed for Austrian botanist, Eugen von Halacsy (1842-1913). Descs. accr. to him are abbr. to: Hal. ex Greece, cf. *Epipactis halacsyi* Robatsch 1990. Noted as rare and endemic to Greece.

halata: as *halatum*. cf. *Habenaria halata* D.L.Jones 2002. Noted as endemic to NT., Aust.

halatum: ref. *halatus*: scent; perfume; fragrance. Noted as pleasantly perfumed. cf. *Epidendrum halatum*. syn. *Encyclia recurvata*.

halbingeri: of Halbinger, see *halbingeriana*. ex Mexico, cf. *Barkeria halbingeri* Thien 1973. syn. *B. melanocaulon*.

halbingeriana: listed for Mexican author, phytologist and authority, Federico Halbinger [+ belonging to] (b1925). He introduced the genus *Lemboglossum* (1983) and descs. accr. to him are abbr. to Halb. ex Mexico, cf. *Pleurothallis halbingeriana* R.E.Schult.1941. syn. *Platystele minimiflora*.

halconense: for place name: from Mt.Halcon, nthn. central Mindoro, Philipp. cf. *Bulbophyllum halconense* Ames 1907.

halconensis: as *halconense*. cf. *Calanthe halconensis* Ames 1907.

halia: a meeting; gathering; assembly. cf. *Ophrys halia*.

halicarnassia: of Halicarnassus, a coastal city of s.west Turkey. Now: of Bodrum (in the ancient region of *Caria*), is famous as being the site of the "Mausoleum", one of the orig."Seven Wonders of the World". cf. *Ophrys holoserica* ssp.*halicarnassia* H.Baumann & Künkele 1986.

halkionis: may ref. to (*h*)*alkyon* + suffix: of peace, tranquility, serenity (+ ref. English, *halcyon*). cf. *Ophrys andria* var.*halkionis*. syn. *O. holoserica* ssp.*bornmuelleri*.

hallbergii: listed for orig.coll., R.Hallberg (+ of). ex Westn.Ghats (mnts.), India, cf. *Nervilia hallbergii* Blatter & McCann 1932. syn. *Nervilia infundibulifolia*.

halleana: belonging to Hallé. For orig.coll., phytologist and author, Nicolas Hallé (b1927). ex New Caledonia, cf. *Acianthopsis halleana* (Kores) M.A.Clem.& D.L.Jones 2002. syn. *Acianthus halleanus*. Dr.Hallé's "*Flore de la Nouvelle Calédonie et Dependances. 8 Orchidacees. par Nicolas Hallé*", was interesting, but my school-boy French was rather inadequate.

halleanus: as *halleana*. cf. *Acianthus halleanus* Kores 1995.

hallei: of Hallé, see *halleana*. ex Gabon, Africa, cf. *Vanilla hallei* Szlach.& Olszewski.

halleri: listed for botanist, Albrecht von Haller (1708-1777), who described *Rhizocorallon* 1745. (syn. *Corallorrhiza*). cf. *Corallorrhiza halleri* Rich.1817. syn. *C. trifida*.

hallieri: of Hallier. For orig.coll., ("Hans") Johann Gottfried Hallier (1868-1932), botanist, author and explorer. Was with a Dutch expedition to west & central Borneo and the Kapuas River. Sept.1893 to June 1894. cf. *Dendrobium hallieri* J.J.Sm.1912.

hallii: listed for orig.coll., Colonel Hall (+ of). ex Ecuador, cf. *Odontoglossum hallii* Lindley 1837. + See next entry.

hallii: of Hall. For botanist, Anthony Vincent Hall (b1936). ex sthn. Africa, cf. *Pterygodium hallii* (Schelpe) Kurzweil & H.P.Linder 1991. + See next entry.

hallii: of Hall. For botanist and author, P.M.Hall. ex Great Britain and France, cf. *Dactylorhiza* x *hallii* (Druce) Soó 1962.

hallydayana: of Hallyday. Listed for noted grower, E.Hallyday (Eng.), first to flower it. ex Mexico, cf. *Laelia anceps* var. *hallydayana* O'Brien 1894. syn. *Laelia anceps* ssp. *dawsonii* (J.Anderson) Rolfe 1922.

halmaheirens: from Halmahera Island, Maluku island group, Indon. cf. *Dendrobium halmaheirens* J.J.Sm.1914.

halmaherense: as *halmaheirens*.cf. *Hippeophyllum halmaherense* J.J.Sm.1926.

halophilum: ref. *halos*: salt; sea +*-phila*: loves. Infers, it prefers to have a sea-side habitat. cf. *Cleisostoma halophilum*.

halophilus: as *halophilum*. cf. *Sarcanthus halophilus*. syn. *Cleisostoma halophilum*.

halteratum: lots of reading, to sort this one out! A halter can be: a weight used in jumping; a balancer. + Ref. *halteres*: a pair of very small knobbed filaments on the sides of most flies (insect order of *Diptera*), which gives them balance, as they only have one pair of wings (+*-atum*: like; having). cf. *Cyrtorchilum halteratum*.

hamadryas: ref. *hama*: together + *drys*: tree. Ref. myth.: a hamadryad (or dryad): a wood nymph; tree spirit; fairy. More, see dryad. cf. *Glomera hamadryas*. Noted as endemic to PNG.

hamata: see hamate: hooked, etc. Ref. tips of lateral sepals. cf. *Pterostylis hamata*. Noted as endemic to eastn. Aust.

hamate: ref. *hamus*: hook; barb + ref. *hamatus*: hooked; barbed; hook-like. Not used very often, as in discussions an author will usually say whether it's either hooked, or barbed and it mostly refs. to the apex of an organ, or part.

hamaticar: see hamate (here: hooked) + spur. cf. *Dendrobium hamaticar*.

hamatifolium: see hamate + leaf. cf. *Bulbophyllum hamatifolium*. syn. *B. prianganense*.

hamatipes: see hamate + foot. cf. *Bulbophyllum hamatipes*.

hamatopetala: hooked + petals. cf. *Disa hamatopetala*.

hamatum: hooked. Ref. the leaves. cf. *Mobilabium hamatum*.

hamatus: hooked. cf. *Oligochaetochilus hamatus*. syn. *Pterostylis hamata*.

hamburgensis: from Hamburg. This species is listed as ex the state of Rio Grande do Sul, Brazil, in which there are two refs.(cities): *Novo Hamburgo* and *Hamburgo Velho*. It's also possible, it was first flowered by some grower in Hamburg, (west) Germany (?). cf. *Barbosella hamburgensis* (Kraenzl.) Hoehne 1947. syn. *Barbosella crassifolia*.

hameri: listed for botanist and author, Fritz Hamer (+ of). ex El Salvador, cf. *Ponthieva hameri* Dressler 1998.

hamiferum: ref. *hamus*: hook + *-fer*: bearing. Ref. the mentum. cf. *Dendrobium hamiferum*.

hamigera: hook + bearing. cf. *Habenaria hamigera*. syn. *Habenaria furcifera*.

hamiltonianum: belonging to Hamilton. For orig.coll., James Hamilton. cf. *Dipodium hamiltonianum* F.M.Bailey 1881. Noted as endemic to eastn. Aust.

hamiltonii: of Hamilton. For orig.coll., Alexander Greenlaw Hamilton, noted Aust. orchidist, naturalist and authoritative collector. cf. *Pterostylis hamiltonii* Nicholls 1933. Noted as endemic to West.Aust.

Hammarbya: Kuntze 1891. Listed as commemorates the summer home of Linnaeus (see "L"), at Hammarby, Sweden. eg. *Hammarbya paludosa*. syn. *Malaxis paludosa*.

hamosa: ref. *hamus*: hook; barb + see *-osa*: with; well developed; abundant, etc. cf. *Pleurothallis hamosa*.

hamulifera: small hook + bearing. cf. *Lepanthes hamulifera*.

hamulus: technical term, ref. *hamus*: hook + dimin.: small hook. Listed as a special hooked stipe (see "S"), being part of the rostellum, esp. with *Prasophyllum* and some *Bulbophyllum* species.

hanburyanum: listed for noted grower, Robert Hanbury (+ belonging to) of Ware, Eng. ex India to China and Indo-China, cf. *Dendrobium hanburyanum* Rchb.f.1856. syn. *D. lituiflorum* Lindley.

hanburyi: as *hanburyanum*. ex Mexico, etc., cf. *Encyclia hanburyi* (Lindley) Schltr.1914.

Hancockia: Rolfe 1903. Listed for phytologist, William Hancock FLS.(1847-1914). Esp. noted for his collecting expeditions to China and descs. accr. to him are abbr. to: W.Hanc. eg. *Hancockia uniflora*. Noted as monotypic.

hancockii: see *Hancockia*. ex Yunnan Prov., China, cf. *Dendrobium hancockii* Rolfe 1903.
handelii: as next entry. cf. *Epipactis handelii* Schltr. 1920. syn. *E. veratrifolia*.
handel-mazzettii: for phytologist and author, Heinrich Handel Mazzetti (1882-1940).
 Descs. accr. to him are abbr. to: Hand.-Mazz. ex China, cf. *Platanthera handel-mazzettii* K. Inoue 1986.
handingiana: noted as a publishing error, see *hardingiana*. cf. *Spathoglottis handingiana*.
 syn. *S. hardingiana*.
handroi: of Handro. Listed for botanist and author, Osvaldo Handro (1908-1986). ex Brazil, cf. *Pleurothallis handroi* Pabst 1956.
hangianum: could be for a person's name (+ belonging to). This species is also listed as ex central China and may ref. to Hangzhou (aka., **Hang**), a coastal city of Zhejiang Prov., central eastn. China (?). cf. *Paphiopedilum hangianum* Perner & O. Gruss 1999.
haniffii: listed for orig. coll., botanist and author M. Haniff (+ of). ex Malaya, cf. *Bulbophyllum haniffii* Carr 1932.
hanrici: belonging to Hanry, see *hanrii*. ex Many Mediterranean countries, cf. *Orchis hanrici* Hénon 1846. syn. *Neotinea lactea*.
hanrii: listed for botanist, Hippolyte Hanry (1807-1893). cf. *Orchis hanrii* Jord. 1846. syn. *Neotinea lactea*.
hansenii: of Hansen. Listed for botanist and author, Carlo Hansen (1932-1991). ex Jamaica, cf. *Oerstedella hansenii* (C.D. Adams) Nir 2000.
hapal-, *hapalo-*: used in combwds., ref. *hapalos*, *hapalus*: tender; delicate; soft.
hapalanthos: see *hapal-*+ flower. cf. *Bulbophyllum hapalanthos*.
Haplochilus: (Schltr.) Senghas 1978: see *hapal-*+ lip. syn. *Bulbophyllum* Thouars.
Haplochilus: as last entry. = *Bulbophyllum* section.
Haplorchis: Schltr. 1919: see *hapal-*+ orchid. ex Colombia, eg. *Haplorchis longirostris*.
hapalostachya: see *hapal-*+ spike (for the inflo.). cf. *Eria hapalostachya*. syn. *Trichotosia hapalostachys*.
hapalostachys: as *hapalostachya*. cf. *Trichotosia hapalostachys*.
hapalotyle: see *hapal-*+ see *tyle*: knot; knob; wart, etc. cf. *Oncidium hapalotyle*.
hapaxanthus: technical term: plant flowers once only and then dies. Was in a discussion, maybe doesn't apply to orchids (?).
haplo-: used in compwds., ref. *haplos*, *haploos*: single; simple. + Can infer: one; only; lone.
Haplocheilus: see *haplo-*+ lip. Refs. to the lip being entire. = *Lepanthes* subgenus *Lepanthes* section *Haplocheilus*.
Haplochilus: Endl. 1842: *haplo-*: only + lip. The elongated lip completely overshadows the rest of the flower. syn. *Zeuxine* Lindl.
Haplostellis: Endl. 1837, *haplo-*: single; simple + *-stellis*: equipped; furnished. Ref. the single flower. syn. *Nervilia*. Of interest, see *Aplostellis*.
haptotype: a herbarium specimen: collected at the same time, same location and having the same collection number as the type.
harae: listed for G. Hara (+ of), author, botanist and authority, esp. on Indian orchids. cf. *Acriopsis harae* Tuyama 1964. syn. *A. liliifolia*. Pers. coll., see entry at *javanica*.

Haraella: Kudô 1930: listed for orig.coll., Yoshi Hara (+-ella: respectful suffix), of Taihoken Imperial Univ., Taiwan. ex Taiwan, eg. *Haraella retrocalla*. Noted as monotypic.

harai: as *harae*. cf. *Acriopsis harai* Tuyama 1966. syn. *A. liliifolia* (see *javanica*).

harana: for place name (+ belonging to), listed as ex Lebang Hara, Borneo. cf. *Coelogyne harana* J.J.Sm.1927.

hardingiana: listed for noted grower, Mr.Coles-Harding. It is noted the species was published mistakenly as *handingiana*. ex Myanmar, cf. *Spathoglottis hardingiana* C.S.P.Parish & Rchb.f.1878.

hardyana: belonging to Hardy. Listed for noted grower, G.Hardy of Timperley, Eng., first to flower it. ex Colombia, cf. *Cattleya* x *hardyana* A.J.Hardy ex B.S.Williams 1883.

harlequina: for the colours. Refs. to Harlequin (+ of), a main character of an Italian pantomime, often depicted as wearing garish, multicoloured clothing. ex Peru, cf. *Masdevallia harlequina* Luer 1997.

harlingii: listed for botanist and author, Gunnar Wilhelm Harling (b1920). ex Ecuador, cf. *Pleurothallis harlingii* Garay 1953.

harmsiana: listed for botanist, naturalist and author, Hermann August Theodor Harms (1870-1942). ex Africa, cf. *Habenaria harmsiana* Schltr.1915. + See next entry.

harmsianum: same as *harmsiana* (?). ex **Peru**, cf. *Epidendrum harmsianum* Kraenzl.1916.

harpago: lit., a grapnel; grappling hook. cf. *Pleurothallis harpago*.

Harpobrachium: ref. *harpe*: a sickle + armed (as: limb). Ref. the column arms (see *stelidia*).= *Bulbophyllum* section.

harpophylla: sickle + leaf. cf. *Sophronitis harpophylla*.

harposepalum; sickle + sepal(s?). cf. *Bulbophyllum harposepalum*.

harriganiae: the orig.colls. are listed as, Mrs.W.J.& Miss M.Harrigan (+ of). ex NSW., Aust., cf. *Sarcochilus harriganiae* Rupp 1938. syn. *Sarcochilus spathulatus*.

Harrisella: Fawc.& Rendle 1909. Listed for orig.coll., William Harris +-ella: respectful suffix. syn. *Campylocentrum* Benth.

harrisii: see *Harrisella*. ex the Caribbean to Sth.America, cf. *Ponthieva harrisii* Cogn.1909. syn. *P. diptera*.

harrisoniae: ex Rio de Janeiro state, Brazil. Noted it was sent by William Harrison c1821, to his brother, Richard, in Liverpool, Eng. cf. *Dendrobium harrisoniae* Hook.1824. Has the feminine suffix (-iae), as it's listed as being first flowered by Mrs.A.Harrison. syn. *Bifrenaria harrisoniae* (Hook.f.) Rchb.f.1855.

harrisoniana: belonging to Harrison. cf. *Cattleya harrisoniana* Bateman ex Lindley 1836. ex Brazil, for William Harrison (+ see *harrisoniae*). *Cattleya harrisoniana* is reported to be the "correct name" for *C. harrisoniae*.

harrisonianum: listed for orig.coll., William Harrison, ex the Organ Mtns., Brazil. cf. *Oncidium harrisonianum* Lindley 1833.

harryana: of Harry. Listed for Harry Veitch, of the famous Eng. horticultural company (see *veitchii*). ex Colombia, cf. *Masdevallia harryana* Rchb.f.1871. syn. *M. coccinea*.

harryanum: as *harryana*. ex Ecuador, to Peru, cf. *Odontoglossum harryanum* Rchb.f.1886.

hartii: of Hart. Listed for orig.coll., Thomas Steven Hart (1871-1960), a teacher and noted naturalist of Melbourne, Vic. cf. *Prasophyllum hartii* R.S.Rogers 1927. syn. *P. frenchii*. Noted as endemic to sthn. Aust.

hartmanii: listed for orig. coll., Hartmann Mendoza (+ see *mendozae*). ex Zamora Chinchipe Prov., Ecuador, cf. *Masdevallia hartmannii* Luer 1994. + See next entry.

hartmannii: listed for orig.coll., Charles H.Hartman (1833-1887), noted orchidist and authoritative collector. Sent most of his collections to F.M.Bailey, or F.von Mueller for identification. cf. *Sarcochilus hartmannii* F.Muell.1874. Noted as endemic to Aust.

Hartwegia: Lindley 1837. Listed for orig.coll., botanist and naturalist Karl Theodore Hartweg (1812-1871), of Karlsruhe, Germany. He collected in Mexico and Sth. America. eg. *Hartwegia purpurea*. syn. *Nageliella purpurea*.

hartwegii: see *Hartwegia*. ex Ecuador, cf. *Telipogon hartwegii* Rchb.f.1878.

hartwegiifolia: see *Hartwegia* + leaf. ex Mexico, cf. *Pleurothallis hartwegiifolia*. syn. *P. chrysantha*.

harvengtense: for place name (+ from). Noted a ref. to Harveng, a town of Walloon Region, Belgium. The plant is orig. ex Colombia and the specep. is possibly for where it was first flowered in cultivation (?). cf. *Odontoglossum* x *harvengtense* L.Linden 1894. syn. *O. x excellens*.

harveyana: belonging to Harvey. Listed for orig.coll., Irish botanist and author, William Henry Harvey (1811-1866). He collected in sthn.Africa, early 1800s. Descs. accr. to him are abbr. to: Harv. cf. *Ceratandra harveyana* Lindley 1838.

harveyanum: listed for noted grower, E.Harvey of Liverpool, Eng., first to flower it. ex China to Indo-China, cf. *Dendrobium harveyanum* Rchb.f.1883.

hasseltii: listed for Dutch botanist and author, Johan Coenraad van Hasselt [+ of] (1797-1823). Often worked "in the field" with colleague, H.Kuhl (+ see *Kuhlhasseltia*). ex Borneo, etc., cf. *Pristiglottis hasseltii* (Blume) Cretz.& J.J.Sm.1934.

hassleri: of Hassler. For botanist, naturalist and author, Emil Hassler (1861-1937). ex Paraguay, cf. *Pogonia hassleri* Schltr.1920.

hassleriana: belonging to Hassler see *hassleri*. ex Paraguay, cf. *Habenaria hassleriana* Cogn.1903.

hasslerianum: as *hassleriana*. ex Paraguay, cf. *Campylocentrum hasslerianum* Hoehne 1938.

hastata: see hastate. cf. *Caladenia hastata*. Noted as endemic to Vic., Aust.

hastate: ref. *hastatus*: *hasta* + suffix: having; like. Confusing, as many different sources define *hasta* as: a spear; pike; arrow; halbert (or halberd). A halbert: an old weapon that was pointed like a spear and also had a double-edged axe head, used both for jabbing and slashing. By examining many line drawings, of plants concerned, it seems mostly, to be for some organ, or part alluded to resemble a halbert (without the handle, or maybe, with just a stub).

hastatum: see hastate. cf. *Oncidium hastatum*.

hastatus: see hastate. cf. *Telipogon hastatus*.

hasti-: ref. *hasta*, used in compwds. Most often: (like) a spear, but not exclusively, see *hastate*.

hastifera: see hastate, *hasti*-+ see -fer: bearing. cf. *Vanda hastifera*.
hastiferum: as *hastifera*. cf. *Oncidium hastiferum*. syn. *Cyrtorchilum macranthum*.
hastilabia: see hastate, *hasti*-+ lip. cf. *Malaxis hastilabia*. syn. *M. excavata*.
hastilabium: as *hastilabia*. cf. *Oncidium hastilabium*.
hastilobum: see hastate, *hasti*-+ lobe. cf. *Dendrochilum hastilobum*.
hastipetala: see hastate, *hasti*-+ petals. cf. *Octarrhena hastipetala*.
hastula: small spear, or see hastate + dimin. Ref. the labellum. cf. *Bulbophyllum absconditum* ssp. *hastula*.
hastulata: as hastate, with an added dimin.: small. cf. *Pleurothallis hastulata*.
hatchii: listed for Edwin Daniel Hatch (b1919), of Laingholm, NZ. an Eng. orchidologist, author and authority. A notable work of his: "A Checklist of the NZ. Orchids". cf. *Thelymitra hatchii* L.B.Moore 1969. Noted as endemic to NZ.
hatumetensis: from Hatumenten, a coastal town of sthn. Maluku island, Indon. cf. *Pristiglottis hatumetensis* (J.J.Sm.) Cretz.& J.J.Sm.1934.
hatusimanum: belonging to Sumihiko Hatusima (b1906), botanist and author. ex Palau, Caroline Islands, cf. *Bulbophyllum hatusimanum* Tuyama 1940.
hatusimanus: as *hatusimanum*. ex Kyushu Island, Japan, cf. *Odontochilus hatusimanus* Ohwi & T.Koyama 1957.
haullevilleana: belonging to Haulleville. May be for a person's name, could also be for a place name and is only listed as ex the Belgian Congo (now: Congo [DRC.]). cf. *Habenaria haullevilleana* De Wild.1903. syn. *H. zambesina*.
hausmannianus: belonging to Hausmann. For botanist and naturalist, Franz von Hausmann (1810-1878). Descs. accr. to him are abbr. to: Hausm. ex Colombia, cf. *Telipogon hausmannianus* Rchb.f.1861.
hausmannii: of Hausmann, see *hausmannianus*. ex Colombia, cf. *Telipogon hausmannii* Rchb.f.1877. syn. *T. hausmannianus*.
haussknechtii: listed for botanist, Heinrich C.Haussknecht (1838-1903). Descs. accr. to him are abbr.to: Hausskn. cf. *Orchis angustifolia* var. *haussknechtii* Klinge 1893. syn. *Dactylorhiza incarnata* ssp. *pulchella*.
havanensis: from Havana, Cuba. cf. *Brassia havanensis* Lindley 1854. syn. *Ada keiliana*.
havannensis: from Havana, Cuba. cf. *Bletia havannensis* Lindley 1838. syn. *B. purpurea*.
havilandii: of Haviland. Listed for orig.coll., botanist, George Darby Haviland (1857-1901), who collected in Borneo and surrounds. Descs. accr. to him are abbr. to: Havil. cf. *Dendrochilum havilandii* Pfitzer 1907.
x *Hawaiiara*: auct.: of or belonging to Hawaii, probably for where it was flowered.. On the syn. list, as the result of *Renanthera* x *Vanda* x *Vandopsis*.
hawaiensis: from Hawaii. cf. *Liparis hawaiensis* H.Mann 1867.
x *Hawkesara*: auct.: of, or belonging to Hawkes, see *hawkesii*. On the syn. list and noted as a result of *Cattleya* x *Cattleyopsis* x *Epidendrum*.
hawkesiana: as *hawkesianum*. ex Cuba and Hispaniola, cf. *Tolumnia hawkesiana* (Moir) Braem 1986. syn. *Oncidium sylvestre*.
hawkesianum: belonging to Hawkes, see *hawkesii*. ex Cuba and Hispaniola islands, cf. *Oncidium hawkesianum* Moir 1967. syn. *O. sylvestre*.

- hawkesii*: ex Nicaragua, cf. *Sobralia hawkesii* A.H.Heller 1966. Noted, he named it for his friend and colleague, phytologist and author, Alex Drum Hawkes (1927-1977), born Maine, USA. Famous for his work, "The Encyclopedia of Cultivated Orchids" 1965.
- hayatae*: listed for orig.coll., botanist and author, Bunzo Hayata (1874-1934). ex India, etc., cf. *Gastrodia hayatae* Tuyama 1941. syn. *G. exilis*.
- hayataeana*: belonging to Hayata, see *hayatae*. cf. *Habenaria hayataeana* Schltr. syn. *H. goodyeroides*. Is listed as such, but also noted *H. goodyeroides* is syn. to *Peristylus goodyeroides* (?).
- hayekii*: listed for botanist and author, August Edler von Hayek (1871-1928). ex Sicily and Tunisia, cf. *Ophrys atlantica* ssp. *hayekii* (Fleischm. & Soó) Soó 1959.
- hayesianum*: cf. *Dendrobium tetragonum* var. *hayesianum* P.A.Gilbert 1937, listed for colleague E.L. (or F.L.?) Hayes. The orig.colls. are listed as Hayes & Gilbert 1928. ex The Illawarra District, sth. of Sydney, NSW., Aust. syn. *D. tetragonum*.
- haynaldiana*: listed for Stephan Franz Ludwig Haynald (1816-1891), horticulturist, botanist and the Archbishop of Kaloesa, Hungary. ex the Philipp., cf. *Cordula haynaldiana* (Rchb.f) Rolfe 1912. syn. *Paphiopedilum haynaldianum*.
- haynaldianum*: as *haynaldiana*. ex the Philippines, cf. *Paphiopedilum haynaldianum* (Rchb.f.) Stein 1892.
- hebe*: a general word for the vitality of youth and being in the prime of youth. The specep. is probably, simply for "beauty", as ref. Gk.myth.: Hebe (daughter of Zeus & Hera), the goddess of Youth, Cup-bearer to the Gods* and she married Hercules after he became a god. Mostly depicted as a beautiful young lady, in scanty flowing robes, holding a large goblet believed to contain *elixir vitae*: the elixir of life. (*Noted, she was replaced by Ganymede, see *ganymedes*). + *Hebe* is a genus of flowering plants of the figwort family: *Scrophulariaceae*, which has c3,000 species of herbs, shrubs and small trees. cf. *Kingiella hebe*. syn. *Phalaenopsis deliciosa*.
- hebes*: dull; blunt + see *hebetatus*. cf. *Pleurothallis hebes*. syn. *P. gelida*. + See next entry.
- hebes*: see last entry. From the book I was working on, it is listed to be for the given name of Prof. Hebes Kouyeas of Athens, Greece (but, there isn't any suffix to denote it's for a proper noun?). Noted as ex westn. and sthn. Europe to Turkey, cf. *Ophrys hebes* (Kalopissis) E. & B. Willing 1980. syn. *O. sphegodes*.
- hebesepala*: blunt, etc. (+ see *hebetatus*) + sepal. cf. *Pleurothallis hebesepala*. syn. *P. gelida*.
- hebetatum*: see *hebetatus*. cf. *Megaclinium hebetatum*. syn. *Bulbophyllum imbricatum*.
- hebetatus*: descwd.. Eventually found it's the one word: blunted; dulled. Can also be: lacking strength; dimmed; weakened.
- hebraica*: alluding to the many spots and blotches, internally on the floral segments. Fancifully likened to letters of the Hebraic alphabet. cf. *Vanda hebraica*. Took this from a book, but there isn't any official listing.
- hebraicum*: as *hebraica*. cf. *Odontoglossum* x *hebraicum* Rchb.f. syn. *O. x andersonianum*.

hebridella: is a combwd., taken from the parents. Listed as a cross of *Dactylorhiza fuchsii* ssp.*hebridensis* (**hebrid-**) x *D. purpurella* (**-ella**). ex Great Britain, cf. *Dactylorhiza* x *venusta* nothosubsp.*hebridella* (Wilmott) P.D.Sell & G.Murrell 1996.

hebridensis: from the Hebrides Islands, Scotland (+ see *ebudensis*). cf. *Dactylorhiza fuchsii* ssp.*hebridensis* (Wilmott) So61962.

hecatanthum: ref. *hecaton*: hundred + flowers. Not likely an exact count, just seemed this many. cf. *Oncidium hecatanthum*. syn. *O. fimbriatum*.

heckeliana: for botanist and author, Edouard Marie Heckel (1843-1916). ex Madagascar, cf. *Polystachya heckeliana* Schltr.1913.

hectori: listed for botanist, James Hector (1834-1907). ex NZ., cf. *Gastrodia hectori* J.Buch.1887. Only listed among the synonyms, with no further info., except it may be syn. to a *Prasophyllum* species.

Hederorchis: Thouars 1809: ref. *hedera*: vine; ivy + orchid. This was in a book I was working on and was noted as perhaps syn. to *Polystachya* (?). Also see next entry.

Hederorkis: Thouars 1809: ref. *hedera*: vine; ivy + orchid. ex Mauritius, eg. *Hederorkis scandens* (: climbing).

hedyosma: as *hedyosmum*. cf. *Maxillaria hedyosma*. syn. *M. alba*.

hedyosmum: ref. *hedys*: pleasant (sweet) + ref. *osme*: perfume; scent. cf. *Dendrobium hedyosmum*. syn. *D. scabrilingue*.

Hedyothyrsus: ref. *hedys*: pleasant + see *thyrs*-, *-thyrsus*: staff, etc. Ref. the inflo.= *Bulbophyllum* section.

hedyothyrsus: as *Hedyothyrsus*. cf. *Bulbophyllum hedyothyrsus*. syn. *B. chloranthum*.

heidelbergensis: from Heidelberg. Noted a few places with this name in Germany, perhaps for where it was flowered (?). The species is orig. from Costa Rica, cf. *Maxillaria heidelbergensis* Senghas 1993. syn. *M. tonduzii*.

heimianum: belonging to Heim. For botanist, naturalist and author, Frederic Louis Heim (b1869). ex Aust. and s.west Pacific Islands, cf. *Dipodium heimianum* Kraenzl.1929. syn. *D. squamatum*.

heishanense: from Heishan city, Liaoning Prov., sthn. China. cf. *Dendrobium heishanense* Hayata 1914. syn. *D. moniliforme*.

heisteri: listed for botanist, naturalist and author, Lorenz Heister (1683-1758). ex the central Americas, cf. *Gongora heisteri* Rchb.f.1854. syn. *G. atropurpurea*.

Helcia: Lindley 1845: ref. *helcium*: horse-collar; yoke. Ref. the lip. ex Peru, eg. *Helcia brevis*.

helcium: horse-collar; yoke. cf. *Lepanthes helcium*.

heldiorum: listed for Prof.& Mrs.F.Held, sponsors of the author (ref. Orchids of Borneo Vol.2, J.J.Vermeulen),+ suffix: of, belonging to. cf. *Bulbophyllum heldiorum* J.J.Verm.1991.

heldreichii: listed for Theodor Heinrich Hermann von Heldreich (1822-1902), Director of the Athens Bot. Gardens, Greece. Descs. accr. to him are abbr. to: Heldr. cf. *Ophrys heldreichii* Fleischm. 1925. syn. *O. fleischmannii*.

heleborina: took this from a book, but there isn't any official listing, see *helleborine*. Was noted as cf. *Epipactis heleborina* (: *Epipactis helleborine*).

helenae: ex Albania to Greece, cf. *Ophrys helenae* Renz 1928*. Noted the author, Jany Renz named it for his mother, Mrs. Helen Renz (+ of). *syn. *O. sphegodes* ssp. *helenae*. + See next entry.

helenae: as this is listed to be ex the Caribbean region, may ref. to St. Helena (+ of), a village of nthn. central Trinidad Island (?). cf. *Pleurothallis helenae* Fawc. & Rendle 1909. syn. *P. aristata*. + See next entry.

helenae: may be for a lady's given name (+ of), also could be for a place name. Only listed as ex Ecuador, noted some villages called Santa **Helena** (? + of). cf. *Brassia helenae* Rchb. ex Linden 1881. + See next entry.

helenae: may be for a lady's given name (+ of). Possibly, is simply for "beauty", ref. Gk. myth., Helen of Troy (+ see *Lacaena*). ex Vietnam, cf. *Paphiopedilum helenae* Aver. 1996.

heleocharis: ref. *heleios*: of a marsh, etc. + grace; pleasure. cf. *Ceratostylis heleocharis*.

heleogena: marsh; swamp + born; kind. cf. *Habenaria heleogena*.

helferi: ex Burma (now, Myanmar), for orig. coll. (+ of). Listed as: "Tenasserim, Mergui, Helfer". cf. *Smitinandia helferi* (Hook. f.) Garay.

helicanthum: see *helico*- + flower. cf. *Oncidium helicanthum*. syn. *Trichocentrum ascendens*.

helico-: used in combwds., ref. *helix*, *helikos*: coil; spiral; curl; twist, etc. Can often be likened to a corkscrew; a coiled spring; a ringlet of hair.

helicocalcar: see *helico*- + spur. cf. *Cyrtorchis helicocalcar*. syn. *C. chailluana*.

helicocephala: coiled; spirally twisted + ref. *kephale*: head. cf. *Lepanthes helicocephala*.

heliconioides: see *helico*- + resembling. cf. *Pleurothallis heliconioides*.

heliconiscapa: same as *heliconoscapa*. cf. *Pleurothallis heliconiscapa*.

heliconoscapa: ref. *helikos*: twisted; coiled + see *scape*: a flower stem. cf. *Lepanthes heliconoscapa*.

helicoplectrum: see *helico*- + spur. cf. *Habenaria helicoplectrum*.

Helictonia: Ehrh. 1789: ref. *heliktos*: twisted; spiralled; coiled (+ of). Ref. the spiralling flowers of the raceme. syn. *Spiranthes* Rich.

heliophila: ref. *helios*: sun + see *-phila*: loves. Obviously enjoys a sunny habitat. cf. *Oberonia heliophila*.

heliophilum: as *heliophila*. cf. *Bulbophyllum heliophilum*.

heliophile: noted as usually a bio. term: sun-lover, see *heliophila*.

heliophoba: ref. *helios*: sun; of, or to do with the sun + ref. *phoba*: tuft; curl, or can be a cluster; corymb. cf. *Malaxis heliophoba*.

heliophobum: as *heliophoba*. cf. *Crepidium heliophobum*. syn. *Malaxis heliophoba*.

heliophylla: sun + leaf. Is listed as such, but may be an error for *heliophila* (?). cf. *Iridorchis heliophylla*. syn. *Malaxis apollinis*.

heliophyte: ref. *helios*: sun + ref. *phyton*: plant. A general term for plants that live in full sunlight.

helios: sun. Also ref. Gk. myth., Helios: god of the sun. cf. *Ophrys helios* Kreutz 2001.

heliosae: of the sun + belonging to. May imply it enjoys a sunny habitat, but could also be for a place name (?). Listed as ex Espirito Santo state, Brazil, cf. *Chaubardia heliosae* (Ruschi) Garay 1969.

heliotropica: Ref. *helios* + *tropos* + *-ica*: sun + a turn(ing), + suffix: the action. Heliotrope flowers are famous for always turning to face the sun. Shrubs of the borage family (: *Boraginaceae*), they have pink-lilac, to bluish-purple flowers, some with pleasant perfumes. With the example, the specp. (see *caeruleus*) has established that the flowers are "blue" and the varietal epithet says they're likened to some heliotrope flower(s). cf. *Cyanicula caerulea* var. *heliotropica*. Noted as endemic to Aust.

helix: spirally twisted; coiled. Ref. the floral segments. cf. *Dendrobium helix* (aka. *D. talasea*, see "T") and a common name, *D. pomio-brown*, for place name: Pomio, a town of east coast, New Britain, PNG. + brown (colour).

helleborina: see *Helleborine*: cf. *Habenaria helleborina*. syn. *Brachycorythis macrantha*.

Helleborine: Mill.1754: hellebore + like. syn. *Epipactis* Zinn. The common name hellebore, is also for a genus of European plants: *Helleborus*, of the crowfoot family, *Ranunculaceae*. They are perennials with flowers likened to a single rose, mostly of white, or pale purple and the roots and leaves are highly toxic. + Ref. their old Gk. name: *epipaktis*.

helleborine: see *Helleborine*. ex Africa, Europe to China, cf. *Epipactis helleborine*.

helleri: of Heller, see *Hellerorchis*. ex Costa Rica, etc., cf. *Dressleria helleri* Dodson 1975.

helleriana: belonging to Heller, see *Hellerorchis*. ex Costa Rica, cf. *Pleurothallis helleriana* L.O.Williams 1964.

hellerianum: as *helleriana*. ex Costa Rica, etc., cf. *Epidendrum hellerianum* A.D.Hawkes 1966.

Helleriella: A.D.Hawkes 1966: for Dr.Heller + respectful suffix, see *Hellerorchis*. ex Nicaragua, etc., eg. *Helleriella nicaraguensis*.

Hellerorchis: "Heller's orchid" A.D.Hawkes 1959. Listed as named for his friend and colleague, botanist and author, Alfonse H.Heller of Managua, Nicaragua. ex Brazil, eg. *Hellerorchis gomezoides*. syn. *Rodrigueziella gomezoides*.

hellwigianum: listed for orig.coll., Frank Hellwig (+ belonging to), a German author, botanist and explorer. ex PNG., cf. *Dendrobium hellwigianum* Kraenzl. ex Warb.1893.

hellwigii: see *hellwigianum*. ex New Guinea, cf. *Podochilus hellwigii* Schltr.1900.

helo-: used in combwds., ref. *helos*, mostly for a marsh; meadow, indicating a wet habitat. (+ Can be without the "h", see *elodes*). Also can be: a rivet; stud; nail, or a wart-like part.

helodes: descwd. (+ can be *elodes*), see *helo-* + suffix: refs. to its habitat; grows in a meadow; marsh (and likes it very damp).

helodes: as last entry. cf. *Habenaria helodes*. syn. *H. macronectar*.

helogena: see *helo-* + *-gena*: born; kind. cf. *Habenaria helogena*.

helonioides: listed as ref. to the genus *Helonias* L. (of the family, *Liliaceae*, not orchids) + resembling, for some superficial likeness. Haven't any further info.(my books are all on orchids). cf. *Satyrium foliosum* var.*helonioides* Lindl.1838.

Helonoma: Garay 1982: ref. *helos*: swamp; marsh (+ can be pasture; meadow, etc.) + ref. *nomos*: habitat. ex Venezuela to Ecuador, eg. *Helonoma americana* (C.Schweinf.& Garay) Garay 1982.

Helorchis: Schltr.1924: see *helo*-+ orchid. syn. *Cynorchis* Thouars.

helorrhiza: see *helo*-+ *rhiza* (: warty roots, or rhizome?). cf. *Dendrophylax helorrhiza*. syn. *Campylocentrum helorrhizum*.

helorrhizum: as *helorrhiza*. cf. *Campylocentrum helorrhizum*.

x *Helpilia*: auct. On the syn. list, cf. ***Helcia*** x ***Trichopilia***.

helvina: see *helvus* +*-ina*: for the colour; like, etc. cf. *Caladenia helvina*. Noted as endemic to Tasmania, Aust.

helvola: ref. *helvolus*. Listed as a vague colour term: a slightly brownish, greyish-yellow. + cf. *Vanda helvola* Blume.

helvolum: as *helvola*. cf. *Dendrobium helvolum*.

helvus: a vague colour term. From two major refs., one says: a pale bay; light reddish-brown. The other: a yellow; bay-yellow (?).

hematoglossa: ref. *hematos*: wart; spear (javelin) + tongue. cf. *Maxillaria hematoglossa*. syn. *M. cucullata*.

hemi-: used in compwds., ref. *hemisys*: half. Can also infer: partly.

hemicardia: *hemi*-+ of a heart. cf. *Stelis hemicardia*.

hemichloris: half (or partly) + green. cf. *Chloraea hemichloris*. syn. *C. lechleri*.

hemichroa: see *hemi*-+ ref. *chroa*: skin (+ can be for the colour of skin). cf. *Aulosepalum hemichroa*.

hemichrysum: half + golden. Ref. the labellum. cf. *Odontoglossum hemichrysum*. syn. *Cyrtochilum aureum*.

Hemicr.: an abbreviation seen in listings, a hemicryptophyte. A technical term, freely trans.: half, or partly hidden plant. The majority of the plant, inc. the inflorescence is above the ground. Throughout the text, for this, I use the word: **terrestrial**.

Hemihabenaria: Finet 1902: half + see *Habenaria*. eg. *Hemihabenaria radiata*. syn. *Habenaria radiata*.

hemilaena: half + cape; cloak. cf. *Eria hemilaena* (syn.).

hemileuca: as *hemileucum*. cf. *Eulophia hemileuca*.

hemileucum: half + see *leuc*-: half + white, or half + pale (?). cf. *Odontoglossum hemileucum*.

hemimelaena: *hemi*-+ see *mela*- + suffix: half blackened + like. cf. *Eria hemimelaena*.

hemimelanoglossum: half + blackened + tongue. cf. *Dendrobium hemimelanoglossum*.

hemimelas: *hemi*-+ see *mela*-: half, or partly "black". cf. *Telipogon hemimelas*.

hemimycotrophic: half, or partly reliant on fungi, see **mycotrophic**. As a new chum, I had no idea what words like this meant. I got the *hemi*-, but that didn't help. This is one of the reasons why I call this work, a "Vocabulary".

Hemiperis: Frapp.ex Cordem.: half + purse; pouch. Ref. the anther area. syn. *Cynorkis*.

Hemipilia: Lindley 1835: half + *pilia*: hairs; hairy. Or, does *pilia* ref. to *pileus*: a hairy (as: felt) cap (see *pili*-, *pileatum*), as the (hairy) median sepal does form a small hood (?). ex China to Indo-China, eg. *Hemipilia calophylla*.

hemipilioides: see *Hemipilia* + resembling. cf. *Ponerorchis hemipilioides*.

hemipollinarium: lit., for half of the pollinarium (but it is complete, see *pollinarium*).

Some species have pollinaria with two viscidia and two stipes, etc. so when an insect visits only half may be removed at a time.

hemiprionotum: half + ref. *prionotos*: saw-like; serrated; jagged. cf. *Bulbophyllum hemiprionotum*.

Hemiptera, hemipterous: belonging to the order of insects, Hemiptera, listed to contain c5,600 species. Ref. *hemi*:- half + ref. *pteron*: wing + suffix: of, etc. Their forewings are thick at the base and then membranous to the tip. Some examples: plant lice; bed bugs; stink bugs; cicadas, etc. Noted this whilst researching scalpelliform (see "S") and yet, Hemiptera are not chewing bugs, they have sucking mouthparts. I am certainly pleased I'm not trying to work with insects!

hemirhachis: half + see *rachis*: flower stem part. Possibly because the rachis is usually flattened, so it seems only half as thick as it should be. cf. *Bulbophyllum hemirhachis*. syn. *Bulbophyllum falcatum*.

hemirhoda: half + rosy (pink). cf. *Pleurothallis hemirhoda*. syn. *P. nuda*.

Hemiscleria: Lindley 1853: half + ref. *skleros*: hard; tough. Refs. to the texture. syn. *Epidendrum* L.

hemiscleria: see *Hemiscleria*. cf. *Epidendrum hemiscleria*.

hemisclerioides: see *Hemiscleria* + resembling. Although, it may have been likened to *Epidendrum hemiscleria* (?). cf. *Epidendrum hemisclerioides*.

hemisphaerica: see hemispherical. cf. *Pleurothallis hemisphaerica*.

hemisphaerophora: half + sphere + bearing. cf. *Disa hemisphaerophora*. syn. *D. versicolor*.

hemispherical: as in English: half + of a sphere. Any organ, part, or group likened to the shape.

hemitricha: half (or, partly) + hairy. cf. *Notylia hemitricha*.

hemixantha: half + yellowy-brown. cf. *Bollea hemixantha*.

hemixanthinum: half + yellowy-brown + see *-ina*: for the colour; like, etc. cf. *Paphiopedilum godefroyae* var. *hemixanthinum*.

hemsleyana: listed for phytologist and author, William Botting Hemsley (1843-1924). "Keeper of the Herbarium", RBG., Kew, Eng. ex Colombia, cf. *Restrepia hemsleyana* Schltr. 1918. syn. *R. antennifera*.

henanense: from Henan Prov., China. cf. *Dendrobium henanense* J.L.Lu & L.X.Gao 1990.

hendersoniana: listed for Messrs. Henderson & Sons (+ belonging to) of Wellington Nursery, St. John's Wood, Eng. cf. *Dyakia hendersoniana* (Rchb.f.) Christenson 1986. Noted as monotypic and endemic to Borneo.

hendersonianum: as *hendersoniana*. cf. *Ascocentrum hendersonianum* (Rchb.f.) Schltr. syn. *Dyakia hendersoniana*.

hendersonii: listed for botanist and author, Louis Forniquet Henderson [+ of] (1853-1942). cf. *Saccolabium hendersonii* Carr 1929. syn. *Malleola penangiana*.

henekenii: listed for orig. coll., M. Heneken (+ of). Noted it has a most unusual habitat: is epiphytic on cacti. ex the Dominican Republic, cf. *Hispaniella henekenii* (M.R.Schomb. ex Lindley) Braem 1980. Listed as endemic and monotypic.

hennisiana: belonging to Hennis. Listed for orig.coll., botanist J.Hennis, who also collected in the Philipp., Colombia, etc. ex Myanmar, cf. *Cyperorchis hennisiana* (Schltr.) Schltr.1924. syn. *Cymbidium erythraeum*.

hennisianum: as *hennisiana*. ex the Philipp., cf. *Paphiopedilum hennisianum* (M.W.Wood) Fowlie 1977.

hennisianus: as *hennisiana*. ex Colombia to Ecuador, cf. *Cyclopogon hennisianus* (Sandt) Szlach.1993.

hennisii: of Hennis, see *hennisiana*. ex Peru, cf. *Odontoglossum* x *hennisii* Rolfe 1894.

Henosis: Hook.f.1890: ref. *henos*: of one; a union. Ref. the sepals at the column-foot. eg. *Henosis longipes*. syn. *Monomeria longipes*. Also noted, *Henosis* is listed as syn. to *Bulbophyllum* Thouars.

henrici: listed as Lat'd. for the given name of Henry Pittier, more see *Pittierella*. ex Venezuela, cf. *Epidendrum henrici* Schltr.1906. syn. *Prosthechea livida*. + See next entry.

henrici: of Henry. Listed as Lat'd. spelling for given name of orig.coll., info. see *Bathiea*. ex Madagascar, cf. *Aeranthus henrici* Schltr.1925.

henryi: of Henry. For orig.coll., phytologist, Augustine Henry (1857-1930). ex China, cf. *Platanthera henryi* Rolfe 1899. + See next entry.

henryi: listed for H.Perrier, see *Bathiea*. cf. *Jumellea henryi* Schltr.1915. syn. *J. jumelleana*.

henscheniana: belonging to Henschen. For botanist, Solomon Eberhard Henschen (1847-1930). ex Brazil, cf. *Habenaria henscheniana* Barb.Rodr.1877.

henschenii: as *henscheniana*. ex Brazil, cf. *Epidendrum henschenii* Barb.Rodr.1881.

hensoaensis: for place name (+ from), listed as ex central Taiwan and noted as endemic. cf. *Liparis hensoaensis* Kûdo 1930.

hepatica: see *hepaticus*. Ref. flower colour. cf. *Dockrillia hepatica*. syn. *Dendrobium salebrosum*.

hepaticum: see *hepaticus*. cf. *Dendrobium hepaticum*.

hepaticus: of the liver. Listed as a vague colour term: liver coloured. A slightly dull mix of yellowish-brown and greyish-green.

hephaestus: ref. Gk.myth., *Hephaistos* (Hephaestus): god of fire, the forge and metalworking, particularly a patron god of blacksmiths. Of interest to note, he was one of the very few "gods" not allied to being handsome, or beautiful, as he was lame and deformed. He is depicted as a very rugged, powerful man, wearing a short kilt, a conical cap and holding a hammer and tongs. Because of his artistry in the working of metals and his marriage to Aphrodite, they are associated to the Arts, symbolizing art and beauty. Noted as closely equiv. to Vulcan, in Roman myth. cf. *Cypripedium* x *hephaestus* A.H.Kent (syn.).

heptadactyla: ref. *hepta*: seven + fingers. cf. *Habenaria heptadactyla*.

heptadactylus: seven + finger(s). Listed as ex New Caledonia. cf. *Acianthus heptadactylus*.

heptaphyllum: seven + leaf (leaves). cf. *Dendrochilum heptaphyllum*.

heptapus: seven + foot; footed. cf. *Lepanthes heptapus*.

hera: see *herae*. As the author is Dr.Rolfe, it'll be for "beauty" cf. *Cypripedium* x *hera* Rolfe.

heraclea: listed for place name. Refs. to Heraclea, of the ancient Roman province of *Lucania* (now, of Basilicata Region), sthn. Italy. cf. *Orchis x heraclea* Verg. + See next entry.

heraclea: see last entry, but this is only listed as ex Greece. May ref. to Heracles, another name for Hercules (see later entry), or ref. ***Heracleum***, now Iráklion city of nthn. central Crete Isl., Greece (?). cf. *Epipactis heraclea* P.Delforge & Kreutz 2003.

herae: maybe for “beauty” (+ of) + can simply mean the title: Lady. + Ref. Gk.myth.: Hera was the very beautiful wife and sister of Zeus + was the goddess of Marriage & Birth (Roman equiv.: Juno). cf. *Ophrys herae* M.Hirth & H.Spaeth. syn. *O. mammosa*.

heraldica: belonging to a herald, or see -ica for the action, as it could be, (fancifully) the plant appears to be blowing a trumpet (-shaped flower). Often a herald is depicted as having a trumpet (-like instrument, to blow a fanfare prior to some announcement). cf. *Maxillaria heraldica* Rchb.f.

herb: an Eng. adaption of Lat. *herba*: any (small) green plant. A plant with a soft stem which can die down after flowering. Many herbs are sought after for cosmetic, culinary and medicinal uses. Orchids can be described as “herbs”, esp. many terrestrials; those not having a hard woody stem.

herbacea: herb + like.+ See herb, *herbaceus*. cf. *Calanthe herbacea*.

herbaceous: see herb + suffix: having the qualities of, or like a herb.

herbaceum: see *herbacea*. cf. *Oncidium herbaceum*. syn. *Leochilus scriptus*.

herbaceus: descwd.: herb-like. Noted it can also be a vague colour term: “green”; grass green; a very slightly yellowy-green.

herbaceus: as last entry. cf. *Leochilus herbaceus*. syn. *L. scriptus*.

herbarium: a collection of plants, dried, or otherwise preserved. Systematically arranged, catalogued and specially housed to ensure their maximum preservation.

herbeus: descwd., listed as similar to *herbaceus*: “green”, etc.

herbiola: herb + dimin.: small herb, or small green plant. cf. *Platanthera flava* var. *herbiola*.

herbula: a general term. Ref. *herba* + dimin.: (any) small green plant. + cf. *Bulbophyllum herbula*.

hercodonta: ref. *herkos*: a fence; wall + ref. *odontos*: tooth; toothed. cf. *Lockhartia hercodonta*.

hercoglossa: as *hercoglossum*. cf. *Callista hercoglossa*. syn. *Dendrobium hercoglossum*.

hercoglossum: ref. *herkos*: fence; wall + see *gloss-*: tongue. Ref. the pubescent mid-lobe. cf. *Dendrobium hercoglossum*.

hercules: implies it’s big; strong; great, etc. Refs. to Hercules of Roman myth., the strongest man on earth and legendary hero. Was the son of Jupiter (King of the gods) and a mortal mother, Alcmena. ex Ecuador, cf. *Masdevallia hercules* Luer & Andreeta.

hereroensis: the Herero are Bantu-speaking peoples, mostly of Namibia and Botswana, Africa +-ensis: origin; from. An oblique ref. to where it was first found. cf. *Eulophia hereroensis* Schltr.1896.

heringeri: of Heringer. For botanist, Ezechias Paulo Heringer (+ see *ezechiasi*). ex Brazil, cf. *Habenaria heringeri* Pabst 1967.

herklotsii: listed for G.A.C.Herklots (+ of), author and authority on orchids of Nepal and India. cf. *Eria herklotsii* P.J.Cribb 1976.

herklotziana: as *herklotsii*. ex Colombia, cf. *Sievekingia herklotziana* Jenny 1986.

hermannii: of Hermann. Listed for phytologist and author, Frederick Joseph Hermann (1906-1987). ex Réunion Island, cf. *Angraecum hermannii* (Cordem.) Schltr.

hermaphrodite: any plant, with the flowers having both male and female reproductive systems; bisexual flowers (as most orchids). The word is ex Gk.myth., ref. Hermaphrodites: son of the gods, Hermes and Aphrodite. The legend is, when he was bathing with a nymph called Salmacis, they became forever joined in the one body.

x *Hermibicchia*: E.G.Camus, Bergon & A.Camus. On the syn. list, cf. *Herminium* x *Bicchia* (noted, *Bicchia* is syn. to *Pseudorchis* Ség.).

herminioides: see *Herminium* + resembling. cf. *Benthamia herminioides*.

herminiostachys: see *Herminium* + spike. cf. *Bulbophyllum herminiostachys*. syn. *Genyorchis pumila*.

Herminium: L.1758: ref. *hermis*: pillar; bed-post + suffix: dimin.; like, or characteristic of. Or, could be ex *herminos*: foot of a bed + of, etc. Alluding to the stolon being distant to the main tuberoid (?). *Herminium* is also an ancient Gk. symbol: the likeness of the head of Hermes (ref. Gk.myth.: messenger to the gods), with his winged helmet. Usually depicted as on a tapering pillar, these symbols are known in Art, as *Hermae*. Perhaps alluding to the column (?). ex China, eg. *Herminium carnosilabre*.

herminium: see *Herminium*. cf. *Orchis herminium*. syn. *Herminium monorchis*.

x *Herminorchis*: P.Fourn. On the syn. list, cf. ***Herminium*** x *Pseudorchis*.

hermione: is for "beauty". Ref. Gk.myth., Hermione: the very beautiful daughter of Helen of Troy and King Menelaus of Sparta. cf. *Cypripedium* x *hermione* O'Brien. syn. C. x *cythera* (of interest, see this entry + see *Cytheris*).

hermonii: for George Hermon Slade (info., see *sladeanum*). ex Vanuatu, cf. *Pedilochilus hermonii* P.J.Cribb & B.A.Lewis 1989.

hermosillae: for place name: of Hermosilla, a town of Burgos, Castilla y León, nthn. central Spain. cf. *Ophrys* x *hermosillae* Soca & Benito.

hernandezii: listed for 16th. century publisher, Francisco Hernandez (+ of). ex Mexico, cf. *Stanhopea hernandezii* (Kunth) Schltr.1918.

hernirachis: ref. *hernia*: rupture + *rachis*: flower stem part. cf. *Megaclinium hernirachis*. syn. *Bulbophyllum falcatum*.

heroica: listed as: "belonging to the place of the heroes". Alluding to the ancient Greeks who fought in the Trojan wars. The type is from where the city of Troy was situated (+ see *phrygia*), n.west coast of Turkey. cf. *Orchis heroica* E.D.Clarke 1823. syn. *Anacamptis papilionacea*.

herpestes: snake, or a creeping creature; reptile, etc. cf. *Pleurothallis herpestes*.

herpethophyton: same as *herpetophytum*. cf. *Pleurothallis herpethophyton*.

Herpethophytum: see *herpetophytum*. = *Dendrobium* section.

Herpetophytum: (Schltr.) Brieger 1981: see *herpetophytum*. syn. *Dendrobium* Sw.

herpetophytum: ref. *herpeton* (or, *herpethon*): creeping creature, or reptile + ref. *phyton*: plant. Alluding to its creeping habit (?). cf. *Dendrobium herpetophytum*. syn. *D. hexadesmia*.

Herpetorhizis: ref. *herpeton*: creeping creature, or reptile + rhizome. Has a long sinuous rhizome. = *Microstylis* section.

Herpysma: Lindley 1833: ref. *herpysmos*: creeping. Alludes to the plant's creeping habit. eg. *Herpysma longicaulis*. Noted as monotypic, Himalayas to China and Sumatra.

herpysmoides: *Herpysma* + resembling. cf. *Physurus herpysmoides*. syn. *Erythrodites hirsuta*.

herraduræ: listed for place name: of the Herradura River (area), Colombia. cf.

Masdevallia herraduræ F.Lehm. & Kraenzl. 1899.

herrerae: for botanist and author (+ of), Berta Herrera, Alarcón de Loja (b1930). ex Guatemala, cf. *Pleurothallis herrerae* Luer 1991.

herrmannii: listed for botanist, naturalist and author, Johann (or, Jean ?) Herrmann (1738-1800). ex Vietnam, cf. *Paphiopedilum x herrmannii* F.Fuchs & H.Reisinger 1995.

Herschelia: Lindley 1838. Listed for famous English astronomer, Sir John Frederick William Herschel (1792-1871). syn. *Disa* P.J.Bergius.

Herschelianthe: Rauschert 1983: "Herschel's flower", see *Herschelia*. syn. *Disa* P.J.Bergius.

x *Herscheliodisa*: H.P.Linder 1985: "Herschel's *Disa*", see *Herschelia*. syn. *Disa* P.J.Bergius.

herteri: listed for botanist and author, Wilhelm Gustav Franz (or, Guillermo Gustavo Francisco) Herter (1884-1958). ex Rio Grande do Sul state, Brazil. cf. *Phymatidium microphyllum* var. *herteri* (Schltr.) Toscano 2001.

herzogiana: belonging to Herzog, see *herzogii*. ex Bolivia, cf. *Maxillaria herzogiana* Kraenzl. 1908.

herzogianum: as *herzogiana*. ex Bolivia, cf. *Epistephium herzogianum* Kraenzl.

herzogii: listed for botanist and author, Theodor Karl Julius Herzog (1880-1961). ex Bolivia, cf. *Pachyphyllum herzogii* Schltr. 1916.

hespera: see *hesperis*. cf. *Ophrys hespera*. syn. *O. fusca* ssp. *fusca*.

hesperis: for some superficial likeness to *Hesperis*, a genus of mustard (see "M"). cf. *Flickingeria hesperis* Seidenf. 1982.

Hetaeria: Blume 1825: ref. *hetairos*: relation; companion; close friend. Noted the name is considered to be for its close affinities to *Goodyera*, and/or possibly because it usually lives in close harmony with other terrestrial genera. eg. *Hetaeria oblongifolia*. + See sketch and notes.

Hetaeria species ?.



Was most impressed with the stature of this little plant and the beautiful metallic sheen to its leaves (dark purplish-green). It just sits on the forest floor amongst the rubbish.

The flowers could hardly be seen in the heavily bracted spike. A *Hetaeria* species? First found it at Subitana 20/5/'71, PM.PNG., scattered, but quite common. They are very inconspicuous and it's easy to pass them by (or step on them!).

hetaerioides: see *Hetaeria* + resembling. cf. *Gomphicis hetaerioides* Schltr.1920. + Of interest, see *goodyeroides*.

Hetaeriopsis: *Hetaeria* + appearance.= *Zeuxine* section.

heteranthous: see *hetero*:- different + flowered. Used to describe when the inflo. is on a separate growth, which only produces a rudimentary pseudobulb and leaves. Especially applicable to plants congeneric to *Coelogyne*.

heteranthum: different + flower. Noted the lower flowers of the panicle are normally abortive flowers (see abortive). cf. *Oncidium heteranthum*.

hetero:- used in compwds., ref. *heteros*: the other of two; other; another. Mostly taken as: different. An opp. to *homo*- (same).

heteroblastic: different + ref. *blastos*: sprout; shoot, etc.+ of, relative to. One ref. says it's for pseudobulbs having only one internode. Most other refs. say: when there is a marked difference between the juvenile and mature plant. One good example (that I know) is *Flickingeria comata*, which when very young resembles a *Dendrobium* of the *Latouria* section, but as it matures the stems branch apically.

Heteroblastos: see *heteroblastic*. = *Liparis* subgenus.

heteroblastos: see *heteroblastic*. cf. *Liparis heteroblastos*.

heteroblepharon: different + see *blepharo*:- eyelid; eyelashes. cf. *Bulbophyllum heteroblepharon*.

heterobulba: different + bulb. Ref. the branching pseudobulbs (+, see *heteroblastic*). cf. *Flickingeria heterobulba*.

heterobulbum: as *heterobulba*. cf. *Dendrobium heterobulbum*. syn. *Flickingeria heterobulba*.

heterocarpa: different + fruit (capsule). cf. *Callista heterocarpa*. syn. *Dendrobium heterocarpum*.

heterocarpum: as *heterocarpa*. cf. *Dendrobium heterocarpum*.

heterocaulon: different + ref. *caulis*: stem; stalk. cf. *Dendrobium heterocaulon*. syn. *D. exile*.

heterochila: different + lip. cf. *Ophrys heterochila*. syn. *O. holoserica*.

heterochroma: different + colour. cf. *Cadetia heterochroma*. syn. *C. transversiloba*.

heterochromum: different + colour. cf. *Dendrobium heterochromum*. syn. *Cadetia transversiloba*.

heteroclita: probably ref. *heteroklitos*: deviating; aberrant; abnormal. Or: different + ref. *kleithron*: lock; bolt; bar (ref. to the rostellum ?). cf. *Chaubardia heteroclita*.

heterodactylum: different + fingers. cf. *Oncidium heterodactylum*. syn. *O. pentadactylon*.

heterodoxum: different + ref. *doxa*: glory (: gloriously different?). cf. *Epidendrum heterodoxum*.

heterogama: different + marriage; union. cf. *Epipactis* x *heterogama* M.Bayer 1986. Noted as a natcross of *E. atrorubens* x *E. muelleri*, so the specep. is very apt.

heterogeneous: of a different kind; not alike, or similar.

heteroglossa: different + tongue. cf. *Chloraea heteroglossa*.

heteroglossum: different + tongue. cf. *Dendrobium heteroglossum*.

heteroglossus: different + tongue. cf. *Lissochilus heteroglossus*. syn. *Eulophia pyrophila*.

heteroidea: see *hetero*-+ resembling. cf. *Cadetia heteroidea*.

heteroideum: as *heteroidea*. cf. *Dendrobium heteroideum*. syn. *Cadetia heteroidea*.

heterolopha: different + crest. ex Gabon, w.Africa, cf. *Vanilla heterolopha*.
heteromorpha: different + shape; form. cf. *Platylepis heteromorpha*.
heteropetala: different + petals. cf. *Masdevallia heteropetala*. syn. *M. campyloglossa*.
heterophylla: different + leaf. cf. *Platycoryne heterophylla*. syn. *P. crocea*.
heterophyllus: different + leaf. cf. *Scelochilus heterophyllus*.
heteroptera: different + wing(s?).cf. *Masdevallia heteroptera*.
heterorhopalon: different + clubs. Ref. the paleae at the petal stumps, cf. *Bulbophyllum heterorhopalon*.
heterosepala: different + sepal. cf. *Zeuxine heterosepala*.
heterosepalum: different + sepal. cf. *Bulbophyllum heterosepalum*.
heterostigma: different + see stigma. cf. *Dendrobium heterostigma*. syn. *D. secundum*.
Heterotaxis: Lindley 1826: different + ref. *taxis*: order; arrangement. syn. *Maxillaria*.
heterotepala: different + tepals. cf. *Masdevallia heterotepala*. syn. *M. campyloglossa*.
heterothoneum: different + ref. *othone*: sail + of, or *othonion*: small sail. May ref. to the lip, or a "sail" can often ref. to the median sepal. cf. *Epidendrum heterothoneum*.
heterotum: different + ref. *otos*: ear, or see *-ota*: of; like, etc. cf. *Dendrochilum heterotum*. syn. *D. gracile*.
Heterozeuxine: T.Hashim.1986: lit., a different *Zeuxine*. syn. *Zeuxine* Lindl.
hewittii: listed for John Hewitt (+ of) who collected in Borneo 1905, 1907-'8. cf. *Bulbophyllum hewittii* Ridl.1910. syn. *B. uniflorum*.
hexadactylum: six + finger(s). cf. *Epidendrum hexadactylum*. syn. *E. cristatum*.
Hexadesmia: Brongn.1842: six + ref. *desmis*: bundle. Ref. the pollinia, actually: two sets of three each. syn. *Scaphyglottis* Poepp.& Endl.
hexadesmia: noted as likened to *Hexadesmia*. cf. *Dendrobium hexadesmia*.
hexagonum: six + angled. cf. *Epidendrum hexagonum*.
Hexalectris: Raf.1825: *hex-*: six + ref. *alektryon*: rooster; cock. I said "ahh, come on Mr.Raf., whaddyamean, six roosters?". Waded through the Lat. description and found a ref. to the **crests** on the labellum (so = six roosters! However, there is most always an odd number: 5, or 7 being the norm, with the central one being slightly larger). ex Mexico, eg. *Hexalectris brevicaulis*.
Hexameria: R.Br.1838: six + ref. *meros*: part + of. Ref. the floral segments, all being more or less equal. syn. *Podochilus* Blume.
hexandra: six + ref. *andros*: male. Ref. the pollinia. cf. *Pleurothallis hexandra*.
hexandrum: as *hexandra*. cf. *Epidendrum hexandrum*. syn. *Appendicula hexandra*.
hexandrus: as *hexandra*. cf. *Podochilus hexandrus*. syn. *Appendicula hexandra*.
hexaptera: six + wings. cf. *Oberonia hexaptera*.
hexapterum: six + wings. cf. *Epidendrum hexapterum*. syn. *Neocogniauxia hexaptera*.
hexapus: six + foot (footed?). cf. *Lepanthes hexapus*.
hexarhopalon: six + clubs, probably for the paleae. cf. *Bulbophyllum hexarhopalon*.
Hexisea: Lindley 1834: six + ref. *isos*: equal; like. Ref. the floral segments being more or less equal. ex the central Americas, eg. *Hexisea bidentata*.
hexodonta: six + see *-odon*: teeth; toothed, etc. cf. *Brassia hexodonta*. syn. *B. villosa*.
Hexopia: Bateman ex Lindl.1844, ref. *hex*:six + *-opia*: eye(s). syn. *Scaphyglottis*.

hexurum: six + tail(s). The floral segments all elongate into tails, cf. *Bulbophyllum hexurum*.

heyneana: belonging to Heyne. Listed for botanist, naturalist and author, Benjamin Heyne (1770-1819). ex India, cf. *Habenaria heyneana* Lindley 1835.

heyneanum: as *heyneana*. cf. *Dendrobium heyneanum* Lindley. Took this from a book, but there isn't any official listing.

hians: open mouthed; gaping. cf. *Prasopphyllum hians*. Noted as endemic to West.Aust.

hibernal: of, or to do with winter. Ref. *hibernalis*: wintry, + ref. *hibernus*: of winter.

hibernica: listed as Lat'd. spelling for place name: belonging to *Hibernia*: Ireland. cf. *Dactylorhiza traunsteinerioides* ssp. *hibernica* Landw. syn. *D. traunsteinerioides*.

hibernus: descwd., see *hibernal*: of winter.

hiemale: as *hiemalis*. cf. *Calonema hiemale*. syn. *Caladenia hiemalis*. Noted as endemic to West.Aust.

hiemalis: of winter (+ ref. *hiems*: winter; cold). cf. *Thelymitra hiemalis*. Noted as endemic to s.west Vic., Aust.

hierapetrae: of Hierapetra (: Ierápetra), sth.coast town of Lasithi, eastn. Crete island, Greece. cf. *Ophrys x baumanniana* nothosubsp. *hierapetrae* H.Baumann & Künkele.

hieroglyphica: ref. *hieros*: sacred; holy + ref. *glyphein*: to inscribe; carve + suffix: belonging to, or result of an action. A fanciful allusion to the spots and blotches, likened to hieroglyphics. ex the Philipp., cf. *Phalaenopsis hieroglyphica* (Rchb.f.) H.R.Sweet.

hieroglyphicum: as *hieroglyphica*. cf. *Oncidium hieroglyphicum*.

hieronymi: freely trans.: (of a) sacred name. Listed as first found near San Luis, nthn. central Argentina. cf. *Aa hieronymi* (Cogn.) Schltr.1912.

hildae: listed for orig.coll., Ms.Hilda Elliott. cf. *Caladenia testacea* var. *hildae* (E.E.Pescott & Nicholls) Nicholls 1939. Noted as endemic to Vic., Aust. + See next entry.

hildae: listed for orig.coll., Mrs.Hilda Gladys Curtis (1890-1988), noted naturalist and talented photographer. cf. *Pterostylis hildae* Nicholls 1937. Noted as endemic to eastn. Aust.

hildebrandii: listed for botanist and author, Friedrich Hermann Gustav Hildebrand [+ of] (1835-1915). Descs. accr. to him are abbr. to: Hildebr. ex China to trop. Asia, cf. *Dendrobium hildebrandii* Kraenzl. syn. *D. heterocarpum*.

Hildebrandtangraecum: "Hildebrandt's *Angraecum*". Listed for German botanist, collector and authority, J.M.Hildebrandt who collected in Myanmar and environs. Then went to Madagascar and sadly died of "fever", Antananarivo, 1880.= *Angraecum* section.

hildebrandtiana: belonging to Hildebrandt, see *Hildebrandtangraecum*. ex Madagascar, cf. *Liparis hildebrandtiana* Schltr.1924. syn. *L. ochracea*.

hildebrandtii: of Hildebrandt, info., see *Hildebrandtangraecum*. ex Madagascar, cf. *Tylostigma hildebrandtii* (Ridl.) Schltr.1924.

hilliana: listed for noted grower, C.J.Hill of Nottingham, Eng. cf. *Laelia anceps* var. *hilliana* Rchb.f. Took this from a book, but there isn't any official listing.

hillii: listed for orig.coll., phytologist Walter T.Hill (1820-1904). Born in Scotland was initially a gardener, then worked for 2yrs. at the Edinburgh Bot.Gardens and

another 9yrs. at the RBG., of Kew, Eng. Arrived in Sydney, Aust.1852, later (1855) was accepted as the first Superintendent of the Brisbane Bot.Gardens and also held the position of Colonial Botanist. His work enabled him to travel and collect extensively. cf. *Peristeranthus hillii* (F.Muell.) T.E.Hunt 1954. Noted as monotypic and endemic to eastn. Aust.

himalaica: belonging to the Himalaya Mtns. cf. *Ceratostylis himalaica* Hook.f.1890.

himalaicum: as *himalaica*. cf. *Cypripedium himalaicum* Rolfe 1892.

himalaicus: as *himalaica*. cf. *Corybas himalaicus* (King & Pantl.) Schltr.1923.

himalayana: of the Himalayas (listed as ex Bhutan). cf. *Bhutanthera himalayana* Renz 2001.

himalayica: belonging to the Himalayas (mtns.) cf. *Gymnadenia himalayica* Schltr.1919.

Himantoglossum: K.Koch 1837, see *Himantoglossum*. syn. *Himantoglossum*.

Himantoglossum: Spreng.1826: ref. *himantos*: strap; thong +-*glossum*: tongue. Describes the lip perfectly, noted it's nearly ten times longer than the flower. ex Eastn. Caucasus (mtns., see *caucasica*), eg. *Himantoglossum formosum* (: pleasant, etc.).

Himantophyllum: strap; thong + leaf.= *Cymbidium* section.

hincksiana: as *hincksianum*. ex Mexico, etc.(?), cf. *Masdevallia x hincksiana* Rchb.f. Listed among the synonyms without date, location or "correct name".

hincksianum: belonging to Hincks. For noted grower, Captain Hincks of Thirsk, Eng., first to flower it c1878. ex Costa Rica to Ecuador, cf. *Phragmipedium hincksianum* (Rchb.f.) Garay 1979. syn. *P. longifolium*.

hincksianus: as *hincksianum*. ex India to Myanmar, cf. *Sarcanthus hincksianus* Rchb.f.1878. syn. *Cleisostoma appendiculatum*.

hindsii: listed for Richard Brinsley Hinds (1812-1847), of Perth, West.Aust. A surgeon, botanist, was with the "Sulphur", round the world expedition. cf. *Vanda hindsii* Lindley 1843. Pers.coll., fairly common ex PM.PNG. See sketch and notes at "V".

hinus: lit., a hinny: a cross between a horse and an ass (+ see entry: mule). Noted, it's because orig. it was thought to be a natcross. It was later proved to be the result of *Odontoglossum hallii* x *O. cirrhosum*. ex Ecuador, cf. *Odontoglossum x hinus* Rchb.f.1870.

Hintonella: Ames 1938. Listed for orig.coll., botanist and authority, George B.Hinton +-*ella*: respectful suffix. eg. *Hintonella mexicana*. Noted as monotypic in Mexico.

hintonii: of Hinton, see *Hintonella*. ex Mexico, cf. *Oncidium hintonii* L.O.Williams 1941.

hintoniorum: belonging to Hinton, see *Hintonella*. ex Mexico, cf. *Galeottiella hintoniorum* Todzia 1994.

Hippeophyllum: Schltr.1905: ref. *hippeo*-, *hippeus*: horseman; rider + *phyllum*: leaf. Had a lot of trouble trying to relate a "rider" to a leaf, until I read to ref. to the equitant leaves, where they are overlapping. One seems to "ride" on the other (equitant: riding, see "E"). eg. *Hippeophyllum micranthum*. Pers.coll., very common ex PM.PNG., I always thought they were an *Oberonia*.

hippium: ref. *hippos*: horse + suffix: dimin., or characteristic of (: indicating a feature). cf. *Epidendrum hippium*. syn. *Rhynchostylis retusa*.

hippocrepica: horse-shoe + belonging to. cf. *Lepanthes hippocrepica*. + See next entry.

hippocrepiferum: had fun with this, by mixing Gk. and Lat. (again), I had it as: bearing crinkly horses! It's ref. *hippos*: horse + *crepi-*, a contraction of *krepidion*: a little boot (shoe) + see *-fer*: bearing = having a little horse-shoe. Refs. to the callus, middle of the lip. cf. *Dendrobium hippocrepiferum*.

hippocrepiform: horse-shoe shape. Any organ, part, or group almost circular and with a definite gap, like a horse-shoe (shape). + See *hippocrepiferum*.

hippocrepiformis: *hippocrepiform*. cf. *Malaxis hippocrepiformis*.

Hippoglossum: Breda 1827: horse + tongue. Alluding to the leaf (?). syn. *Bulbophyllum*.

Hippodium: Harvey 1913: a contraction of *hippos* + *podium*: horse + small foot. Has small arm-like appendages at the stigma and is likened to the shape of a horse-shoe.

Hipporchis, ***Hipporkis***: Thouars 1809: horse + orchid. Noted it has two curved spurs at the median sepal, reported as an allusion to a horse's head with the reins. syn. *Satyrium*.

hirci-: used in combwds., ref. *hircus*: a goat. Most often refs. to some feature of a goat: the horns, smell, etc. + Can infer: hairy; shaggy.

Hircicornes: see *hirci*-+ horn.: (those) with goat's horns.= *Disa* section.

hircicornis: see *hirci*-+ horn. Ref. the spur. cf. *Disa hircicornis*.

hircina: ref. *hircinus*, see *hircine*, *hircinum*: of a goat. Reported to have an unpleasant goat-like odour. cf. *Aceras hircina*. syn. *Himantoglossum hircinum*.

hircine: an Eng. adaption of *hircinus*: goat-like; of, or for anything to do with a goat.

hircinosimia: hairy + of an ape (+ see *simia*). cf. *Orchis hircinosimia*. syn.

Orchimantoglossum lacazei.

hircinum: see *hircine*. Ref. the unpleasant goat-like odour + basally the lip has dense white hair. cf. *Himantoglossum hircinum*.

hirpex: a rake; harrow. cf. *Lepanthes hirpex*.

hirsuta: see *hirsute*. Ref. the flowers. cf. *Pleurothallis hirsuta*. syn. *P. villosa* (: hairy).

hirsute: ref. *hirsutus*: hairy. With rather coarse, stiff and rising, relatively long hairs. + Can mean: shaggy; bristly; rough, etc.

hirsuticaulis: see *hirsute* + *caulis*: stem; stalk. cf. *Myoxanthus hirsuticaulis*.

hirsutilabia: *hirsute* + lip. cf. *Maxillaria hirsutilabia*.

hirsutipetala: *hirsute* + petals. cf. *Eria hirsutipetala*.

hirsutis: of hair (hairy). cf. *Elleanthus hirsutis*.

hirsutissima: *hirsute* + emphasis: very. cf. *Dresslerella hirsutissima*.

hirsutissimum: as *hirsutissima*. cf. *Paphiopedilum hirsutissimum*.

hirsutitrunci: *hirsute* + ref. *truncus*: trunk (: body, not the limbs). Ref. the stem. cf.

Habenaria hirsutitrunci.

hirsutiusculum: see *hirsute* + somewhat; moderately. cf. *Bulbophyllum hirsutiusculum*.

hirsutula: *hirsute* + dimin. (: slightly *hirsute*?). cf. *Lepanthes hirsutula*

hirsutum: see *hirsute*. cf. *Pteroceras hirsutum*.

hirsutus: see *hirsute*. cf. *Diplochilus hirsutus*. syn. *Diplomeris hirsuta*.

hirta: see *hirti-*. cf. *Caladenia hirta*. Noted as endemic to West.Aust.

hirtella: see *hirti*-+ dimin.(: slightly hairy?). cf. *Coelogyne hirtella*.

hirtellum: as *hirtella*. cf. *Campylocentrum hirtellum*.

hirtellus: as *hirtella*. cf. *Microchilus hirtellus*. syn. *Erythodes hirtella*.
hirti-: used in compwds., ref. *hirtus*: of hair; hairy; shaggy. + Can mean: having distinctly obvious long fine hair.
hirticalcar: *hirti*-+ spur. cf. *Sarcochilus hirticalcar*. Noted as endemic to nth. Qld., Aust.
hirtilabia: see *hirti*-+ lip. cf. *Maxillaria hirtilabia*.
hirtipes: see *hirti*-+ foot. cf. *Myoxanthus hirtipes*.
Hirtula: see *hirti*-+ dimin.= *Bulbophyllum* section.
hirtula: see *hirti*-+ dimin. cf. *Cynorkis hirtula*. syn. *C. filiformis* (: thread-shape)
hirtulum: see *hirti*-+ dimin. Ref. sepals and petals. cf. *Bulbophyllum hirtulum*.
hirtulus: see *hirti*-+ dimin. cf. *Ascochilus hirtulus*. syn. *Grosourdya appendiculata*.
hirtum: ref. *hirtus*: hairy. Ref. scape and exterior of the flowers. cf. *Bulbophyllum hirtum*.
hirtus: of hair; hairy. cf. *Stereochilus hirtus*.
Hirtzia: Dodson 1984. Listed for orig.coll., Alexander Hirtz (+ of), phytologist and mining engineer of Quito, Ecuador. ex Colombia, eg. *Hirtzia escobarii* Dodson 1996.
hirtzii: of Hirtz, see *Hirtzia*. ex Imbabura Prov., Ecuador, cf. *Elleanthus hirtzii* Dodson 1994.
hirudiniferum: ref. *hirudo*: a leech + like + bearing. cf. *Bulbophyllum hirudiniferum*.
hirundinus: ref. *hirundineus*: of a swallow (bird). Alluding to a flower. cf. *Bulbophyllum hirundinus*.
hirundo: a swallow (bird). Listed as alluding to parts of the flower likened to a swallow in flight. cf. *Liparis hirundo*.
hispanica: for place name: belonging to *Hispania*: Spain. cf. *Epipactis hispanica* Benito & C.E.Hermos.1998. syn. *E. campeadorii* (+ see this entry).
Hispaniella: Braem 1980. Listed for place name, ref. the islands of Hispaniola of the West Indies region. eg. *Hispaniella henekenii*. Noted as monotypic and endemic to the Dominican Republic.
hispaniolae: of Hispaniola Island, West Indies region. cf. *Goodyera hispaniolae* Dod 1986.
hispid: ref. *hispidus*: bristly; rough; hairy. + Bristled; bristly; (finely) prickly.
hispidula: see *hispid*. Ref. bracts and floral segments. cf. *Goodyera hispida*.
hispidissima: *hispid* + emphasis: very. cf. *Trichotosia hispidissima*.
hispidosa: see *hispid* + *-osa*: with many, or full of bristles. cf. *Lepanthes hispidosa*.
hispidula: *hispid* + dimin. Refs. to the labellum. cf. *Pterostylis hispidula*. Noted as endemic to NSW., Aust.
hispidulum: as *hispidula*. cf. *Pachyphyllum hispidulum*.
hispidulus: as *hispidula*. cf. *Peristylus hispidulus*. syn. *Brachycorythis pubescens*.
hispidum: *hispid*. cf. *Bulbophyllum hispidum*. syn. *B. dayanum* Rchb.f.1865.
hispidus: *hispid*. cf. *Corybas hispidus*. Noted as endemic to eastn. Aust.
hisionantha: ref. *hision*: a sail, or can be: web; tissue + *-antha*: flower. cf. *Malaxis hisionantha*.
histrion: actor. cf. *Mormodes histrion*. As *Mormodes* means, like a ghost, phantom; boogeyman, maybe it's only "acting" and is not as scary as it looks. Or, more

likely, as an actor: ostentatious; showy, etc.(? + see *histrionica*). syn. *Mormodes lineata*.

histrionica; ref. *histrionis*: an actor + of; belonging to; result of an action. Like *histrion* (see previous), this probably infers: vainglorious; showy; ostentatious (: flamboyant, like an actor). cf. *Renantherella histrionica*.

histrionicum: see *histrionica*. cf. *Dendrobium histrionicum*. Of interest, in one publication, *D. histrionicum* was listed as *D. brymerianum* var.*histrionicum*. This bears out my comment, regarding the wonderfully flamboyant labellum, see *brymerianum*.

hitendrae: for place name (+ of), listed as ex Nagaland state, n.east India. cf. *Coelogyne hitendrae* S.Das & S.K.Jain 1978.

hittitica: belonging to the Hittites. An ancient people, recorded as originally living, mostly, in what is now the Anatolia region of Turkey and the Hittite Kingdom, roughly took up the central third of Asia Minor. The specep. may be an oblique ref. to where this species was found. cf. *Ophrys hittitica* Kreutz & Ruedi Peter. syn. *O. mammosa*. Among many other locations, this is also listed as ex Turkey.

hiugensis: for place name (+ from). The species is listed as ex sthn. South Korea and sthn. Japan. Could be for the coastal city of Hyuga, Miyazaki-ken Prefecture, Kyushu Island, Japan (?). cf. *Habenaria hiugensis* Ohwi 1936. syn. *H. flagellifera*.

hiulca: ref. *hiulcus*: open; gaping; split. Ref. the stigmatic cavity (?). cf. *Ophrys hiulca*. syn. *O. spruneri*.

hochreutineriana: listed for botanist and author, Pierre Georges Hochreutiner (+ belonging to). ex France, cf. *Dactylorhiza* x *hochreutineriana* (K.Hellm.) Soó 1972.

hochstetteriana: belonging to Hochstetter. Listed for botanist, naturalist and author, Christian Ferdinand Friedrich Hochstetter (1787-1860). ex Cuba, cf. *Habenaria hochstetteriana* Kraenzl.1893. syn. *Platanthera replicata*.

hoehneana: belonging to Hoehne, see *Hoehneella*. ex Minas Gerais state, Brazil. cf. *Polystachya hoehneana* Kraenzl.1926.

Hoehneella: Ruschi 1945: for Prof. Frederico Carlos Hoehne (1882-1959), +-ella: respectful suffix. A Brazilian phytologist, author and Director of the São Paulo Bot. Institute. Noted as monotypic in Brazil.

hoehnei: of Hoehne, see *Hoehneella*. ex Brazil, cf. *Lankesterella hoehnei* Leite 1948.

x *Hoffmanncattleya*: V.P.Castro & Chiron: "Hoffmann's *Cattleya*", see *hoffmannii*. On the syn. list, as the result of *Cattleya* x *Sophronitis*.

x *Hoffmanncyclia*: Chiron & V.P.Castro: see *hoffmannii*. On the syn. list, as the result of *Encyclia* x *Sophronitis*.

hoffmannii: listed for botanist, naturalist and author, Phillip Hoffmann (+ of). Descs. accr. to him are abbr. to: P.Hoffm. ex Costa Rica, cf. *Pseudocentrum hoffmannii* Rchb.f.1877.

Hoffmannseggella: H.G.Jones. Listed for botanist, naturalist and author, Johann Centurius von Hoffmannsegg (1766-1849) +-ella: respectful suffix. Descs. accr. to him are abbr. to: Hoffmanns. ex Brazil. syn. *Sophronitis* Lindl.

hoffmannseggiana: as last entry, + different suffix: belonging to. ex Brazil, cf. *Pleurothallis hoffmannseggiana* Rchb.f.1849.

hoffmannseggii: see *Hoffmannseggella*. ex Brazil to Argentina, cf. *Sophronitis hoffmannseggii*. syn. *S. cernua*.

Hofmeistera: Rchb.f.1852. Listed for botanist, Wilhelm Friedrich Benedict Hofmeister (1824-1877). syn. *Hofmeisterella* Rchb.f.

Hofmeisterella: Rchb.f.1852: see *Hofmeistera* +-ella: could be a respectful suffix, but more likely means: small, as it has close affinities and resemblance to *Hofmeistera* + see the specp. of the example. eg. *Hofmeisterella eumicroscopica* (: truly + small to see). Noted as monotypic to the north of Sth.America.

hoii: listed for botanist and author, Chun-Nien Ho (+ of), who worked at the National Taiwan Univ. ex Taiwan, cf. *Gastrochilus hoii* T.P.Lin 1987.

hokurikuensis: from the Hokuriku region of central westn. Honshu, Japan. cf. *Lecanorchis hokurikuensis* Masam.1963. syn. *L. japonica* Blume.

holargyrus: see *holo*:- all, etc. + ref. *argyros*: silver. cf. *Physurus pictus* var. *holargyrus*. syn. *Aspidogyne argentea* (: silvery).

x *Holcanthera* Garay. On the syn. list, cf. ***Holcoglossum*** x *Renanthera*.

x *Holcocentrum*: Garay. On the syn. list, cf. *Ascocentrum* x ***Holcoglossum***.

Holcoglossum: Schltr.1919: ref. *holkos*: strap + tongue. ex Vietnam, eg. *Holcoglossum lingulatum*.

x *Holconopsis*: Garay. On the syn. list, cf. ***Holcoglossum*** x *Phalaenopsis*.

x *Holcorides*: Garay. On the syn. list, cf. *Aerides* x ***Holcoglossum***.

x *Holcostylis*: Garay. On the syn. list, cf. ***Holcoglossum*** x *Rhynchostylis*.

holfordianum: belonging to Holford. Listed for noted grower, R.S.Holford of Tetbury, Eng., first to flower it. cf. *Odontoglossum holfordianum* Rchb.f.

holfordii: as *holfordianum*. ex Brazil, cf. *Cattleya holfordii* Rchb.f.1856. syn. *C. luteola*.

hollandiae: of Hollandia (now: Jayapura), capital of Papua, Indon. cf. *Eria hollandiae* J.J.Sm.1911. syn. *Eria kingii*.

hollandiana: belonging to Hollandia, see *hollandiae*. cf. *Phreatia hollandiana* J.J.Sm.1913. + See next entry.

hollandiana: listed for botanist and author, John Henry Holland [+ belonging to] (1869-1950). ex India, cf. *Habenaria hollandiana* Santapau 1957.

hollandianum: belonging to Hollandia, see *hollandiae*. cf. *Dendrobium hollandianum* J.J.Sm.1913.

hollinensis: for place name (+ from), only listed as ex Napo Prov., Ecuador. cf. *Dichaea hollinensis* Dodson 1993.

hollrungii: listed for orig.coll., Udo Max Hollrung who worked for the New Guinea Co. (of German New Guinea), as a serious investigator of trop. flora. cf. *Dendrobium hollrungii* Kraenzl. 1889. syn. *D. smillieae*. Pers.coll., see notes at *smillieae*.

holmboei: listed for Norwegian botanist and author, Jens Holmboe (1880-1943). ex the eastn. Mediterranean region, cf. *Platanthera holmboei* H.Lindb.1942.

Holmesia: P.J.Cribb 1977: of Holmes, as *holmesiana*. cf. *Holmesia parva*. syn. *Angraecopsis parva*.

holmesiana: listed for orig.coll., botanist Edward Morell Holmes [+ belonging to] (1843-1930). ex Malawi, Africa, cf. *Polystachya holmesiana* P.J.Cribb 1977.

x *Holmara*: **C.Holm** & J.M.H.Shaw. Obviously for the first author: of, or belonging to Holm. On the syn. list, noted as a result of *Baptistonia* x *Leochilus* x *Oncidium* x *Rodriguezia*.

holmesii: listed for orig.coll., L.Holmes (+ of), ex Wyong, NSW., Aust. cf. *Caladenia holmesii* Rupp 1954. syn. *C. alata*. + See next entry.

holmesii: listed for orig.coll., N.Holmes ex Moe, Vic., Aust. cf. *Thelymitra holmesii* Nicholls 1932. Noted as endemic to sthn. Aust. + See next entry.

holmesii: listed for orig.coll., Murray Holmes ex Vic., Aust. cf. *Thelymitra pauciflora* var. *holmesii* Nicholls 1943. Read in a recent publication it's been reinstated to *Thelymitra holmesii* Nicholls 1932. Noted as endemic to sthn. Aust.

holo-: used in compwds., ref. *holos*: entire; whole; complete; undamaged. + Can mean: all-.

holochila: see *holo*+ lip. cf. *Nervilia holochila*.

holochilum: see *holo*+ lip. cf. *Dendrobium holochilum*.

holochilus: see *holo*+ lip. cf. *Hapalochilus holochilus*. syn. *Bulbophyllum holochilum*.

holochrysa: see *holo*+ gold. cf. *Mormodes holochrysa*. syn. *M. variabilis*.

holochrysum: entire + gold. Ref. the flowers (almost entirely golden yellow). cf. *Oncidium holochrysum*.

hologlossa: see *holo*+ tongue. cf. *Habenaria hologlossa*.

Hologlossum: see *holo*+ tongue.= *Liparis* section.

hologlossus: see *holo*+ tongue. cf. *Lissochilus hologlossus*. syn. *Eulophia hologlossa*.

hologlottis: see *holo*+ see *-glotta*: tongue. cf. *Aerangis hologlottis*.

Hologyne: Pfitzer 1907: see *holo*+ woman. Ref. the stigma. eg. *Hologyne lauterbachiana* (Kraenzl.) Pfitzer. syn. *Coelogyne miniata*.

Hologyne: as last entry.= *Coelogyne* section.

hologyne: see *holo*+ woman. Ref. the stigma. cf. *Dendrochilum hologyne*.

hololeuca: see *holo*+ ref. *leukos*: white, cf. *Calanthe hololeuca*.

hololeucum: as *hololeuca*. cf. *Dendrobium phalaenopsis* var. *hololeucum*.

Hololobus: see *holo*+ lobe.= *Microstylis* section.

holomycotrophic: noted, from a discussion. A general term, lit.: entirely feeding on fungi, ie. it's totally dependent on a fungi, for survival. An opp., see autotrophy (lit.: self-feeding).

holopetala: see *holo*+ petals. cf. *Habenaria ciliaris* var. *holopetala*.

Holopogon: Kom.& Nevski 1935: see *holo*+ beard. Noted as a rare saprophyte ex s.east Russia. syn. *Neottia Guett*.

holo-saprophyte: entire + see saprophyte. A plant totally dependent on a fungus for its survival.+ See holomycotrophic, mycorrhiza, etc.

holoserica: entire + see *sericeus*: silky; silken. Covered with fine soft glossy hair which feels like silk. cf. *Ophrys holoserica*.

holosericeum: as *holoserica*. cf. *Stenorrhynchos holosericeum*. syn. *Pelexia tamanduensis* (Kraenzl.) Schltr.

Holothrix: Rich.ex Lindley 1835: see *holo*+ hair. Ref. the downy outers of leaves, scapes and sepals. eg. *Holothrix longiflora*.

holothrix: see *holo-*+ hair. cf. *Habenaria holothrix*.

holotricha: see *holo-*+ hair. cf. *Habenaria holotricha*.

holotype: a designated single specimen of a herbarium, on which the description of a species, variety, or other lesser taxonomic group can be based. + See type.

x *Holttumara*: auct.: of, or belonging to Holttum, see *holttumii*. On the syn. list as the result of *Arachnis* x *Renanthera* x *Vanda*.

holttumianum: as *holttumianus*. ex Borneo, cf. *Dendrobium holttumianum* A.D.Hawkes & A.H.Heller 1957. syn. *Dendrobium cinnabarinum* var. *angustitepalum*.

holttumianus: as *holttumii* (+ belonging to). ex Vietnam, cf. *Peristylus holttumianus* Seidenf. ex Aver.1988.

holttumii: for Prof. Richard Eric Holttum (1895-1990), MA., Sc.D., FLS. A famous phytologist, author and authority on ferns and orchids of the SE.Asia region. Director of the Singapore Bot. Gardens. One of my first text books was his "Flora of Malaya Vol. 2. Orchids", an invaluable aid to many PNG. species. ex India, cf. *Pteroceras holttumii* J.Joseph & Vajr.1974. syn. *P. leopardinum*.

holtzei: listed for orig.coll., phytologist and naturalist, Maurice Holtze (+ of). ex Darwin, NT., cf. *Calochilus holtzei* F.Muell.1892. Noted as endemic to ntn. Aust.

holtzeana: see *holtzei* (same man?, with different suffix: belonging to). Listed as ex Tanzania, Africa, cf. *Polystachya holtzeana* Kraenzl.1914. syn. *Neobenthamia gracilis*.

holubii: see *holubyana*. ex Trop. Africa, cf. *Habenaria holubii* Rolfe 1898.

holubyana: listed for Hungarian botanist, Josef Ludovit Holuby (1836-1923). cf. *Ophrys holubyana* András 1917. Listed among the synonyms, without "correct name".

homal-, *homalo-*: used in combwds., ref. *homalos*: even; uniform; level; equal, etc.

homalantha: see *homal-*+ *antha*: flower. cf. *Pleurothallis homalantha*.

homalanthoides: as *homalantha* + resembling. Was probably likened to *Pleurothallis homalantha* (?). cf. *Pleurothallis homalanthoides*. syn. *P. homalantha*.

homalogastra: see *homal-*+ belly; stomach. cf. *Sarcoglottis homalogastra*.

Homalopetalum: Rolfe 1896: see *homal-*+ petals. ex Mexico, eg. *Homalopetalum pumilum*.

homeo-, *homo-*: used in compwds., ref. *homoios*: the same; equal; of the same kind; agreeing; uniform. + Can be: similar; like.

homeri: may be an acknowledgement to "Homer" (+ of), reputedly the author of the Greek epics, the Iliad and the Odyssey. Authorities say the poems were written by Homer, in the Greek settlements of Asia Minor (c8th century BC.). Amongst many countries, this species is from Turkey, so this may also be an oblique ref. to where this species was found (?). cf. *Ophrys homeri* M.Hirth & H.Spaeth 1997. syn. *O. holoserica*.

homoblastic: technical term, refs. to pseudobulbs, or stems having several internodes.

homochroma: same + colour. cf. *Cadetia homochroma*.

homochromum: same + colour. cf. *Dendrobium homochromum*. syn. *Cadetia homochroma*.

Homocolleticon: (Summerh.) Szlach.& Olszewski 2001: same + ref. *kolletes*: gluing agent; fastener + an action, or belonging to. syn. *Cyrtorchis* Schltr.

homoeoglossum: see *homeo*-+ tongue. cf. *Dendrobium pachystele* var. *homoeoglossum*. syn. *D. pachystele*.

homogamy: listed as coined from *homalos* + *gamos*: same + union; marriage. Of self-pollinating flowers. + See cleistogamy, selfing, apomixis, etc.

homogeneity: sameness; uniformity. The state, or condition of being homogeneous.

homogeneous: having parts more or less the same; of the same kind or nature; very similar, or uniform in structure; having the same major features; having a common origin, or ancestor. NB., this is not homogenous.

homogenous: seen in discussions, eg. "... of homogenous species". The maturation of the sexual organs, at the same time, in the same flower, so that the time of pollinia presentation and reception coincides. Self-pollination is mostly a result of this ability. See homogamy, cleistogamy, selfing.

homoglossa: see *homeo*-+ tongue. cf. *Eria stenophylla* var. *homoglossa*.

Homoglossum: see *homeo*-+ tongue.= *Dendrobium* section.

homoglossum: see *homeo*-+ tongue. cf. *Dendrobium homoglossum*. syn. *Flickingeria homoglossa*.

homonym: same + name. A name for a **genus** which has previously been registered cannot be used again, regardless of the kind of plant. An attempt to do so will disqualify it as a homonym. By the rules of the ICBN., you can't have two plants with the same name. NB., this does not apply to a specep. as it's not a "name", it's a descriptive adjective. + See epithet, specific epithet (specep.).

homonymum: same + name. A strange choice for the specep., see homonym. cf. *Dendrobium homonymum*. syn. *Desmotrichum angulatum*.

homopetala: see *homeo*-+ petals. cf. *Chloraea homopetala*. syn. *C. nudilabia*.

homotaxis: same + classification; arrangement + see taxon. cf. *Lepanthes homotaxis*.

hondoensis: from Hondo (: Honshu) island, Japan. cf. *Platanthera hondoensis* (Ohwi) K.Inoue 1982. syn. *P. sachalinensis*.

hondurensis: from Honduras. cf. *Campylocentrum hondurensis* Ames 1923.

hondurensis: from Honduras. cf. *Pleurothallis hondurensis* Ames 1908.

honghenensis: for place name (+ from), listed as ex Yunnan Prov., China. cf. *Phalaenopsis honghenensis* F.Y.Liu 1991.

hongkongense: from Hong Kong. cf. *Cleisostoma hongkongense* (Rolfe) Garay. syn. *C. williamsonii*.

hongkongensis: from Hong Kong. cf. *Ania hongkongensis* (Rolfe) T.Tang & F.T.Wang 1951. x *Honoluluara*: Garay & H.R.Sweet: of, or belonging to Honolulu. Probably for where it was flowered. On the syn. list, the result of *Papilionanthe* x *Rhynchostylis* x *Vanda*.

Hooker: have grouped these entries, as with some, am not certain exactly who is being honoured:-

Sir William Jackson Hooker (1785-1865), born Norfolk, England. Prof. of Botany, Glasgow Univ., Scotland. Then, was the first Director of the Royal Botanic Gardens, Kew, Eng., where he served until his death. An authoritative phytologist, author and bot. artist. Descs. accr. to him are abbr. to: Hook.

Sir Joseph Dalton Hooker (1817-1911), son of the eminent Sir William, born Suffolk, England. At only age 22yrs. he shipped on the HMS.Erebus as surgeon, naturalist, botanist and served for more than 4yrs. on expeditions to Antarctica, NZ. and the sthn. tip of Sth. America. His next adventure was 4yrs. collecting in Sikkim and Nepal and then was Deputy Director at the RBG., Kew, Eng. for 10yrs., being promoted to Director when his father died. An exceptional phytologist, prolific author and authority, esp. of Indian flora. Descs. accr. to him are abbr. to: Hook.f.

Some examples:- *Catasetum hookeri*, *Pleione hookeriana*, *Cymbidium hookerianum*, *Bulbophyllum hookeri*, *Sirhookera lanceolata*.

hookerae: did this separate as it's listed for Lady Hooker (+ of), wife of Sir William. ex Borneo, cf. *Paphiopedilum hookerae* (Rchb.f.) Stein 1892.

Hookerae: see *hookerae*. = *Paphiopedilum* section.

x *Hookerara*: auct. See Hooker (+ of, or belonging to). On the syn. list, the result of *Brassavola* x *Rhynchostylis* x *Vanda*.

hoppii: listed for botanist, naturalist and author, David Heinrich Hoppe (1760-1846). ex Colombia, cf. *Ornithocephalus hoppii* (Schltr.) Toscano & Dressler.

hopsonii: noted the Rev.H.M.R.Rupp found it and gave the specep. for his guide, Mr.John Hopson (1867-1928), a farmer of Eccleston, NSW. He had a vast knowledge of the flora & fauna of the Barrington Tops area (now a N.Park) and was much sought after by visiting scientists. A noted (amateur) entomologist, he also had some insect species named for him. cf. *Prasophyllum hopsonii* Rupp 1928. syn. *Genoplesium nudum*.

horburyanum: listed for orig.coll., L.Horbury (+ belonging to). Endemic to West.Aust., cf. *Prasophyllum horburyanum* Rupp 1942. syn. *Genoplesium nigricans*.

Horichia: Jenny 1981: of Horich, see *horichiana*. eg. *Horichia dressleri* Jenny 1981. Noted as monotypic in Panama.

horichiana: belonging to Horich. For author, phytologist and authority, Clarence K.Horich of San José, Costa Rica. cf. *Gongora horichiana* Fowlie 1965.

horichianus: as *horichiana*. ex Costa Rica, cf. *Telipogon horichianus* Braas 1981. syn. *T. gracilipes*.

horichii: of Horich, see *horichiana*. ex Costa Rica, cf. *Lepanthes horichii* Luer 1987.

horiensis: for place name (+ from), listed as ex Amboin Island, Maluku, Indon. cf. *Malaxis horiensis* (J.J.Sm.) S.Thomas 2002.

horistes: lit., definer: that which determines the boundaries of, or gives the meaning of. cf. *Caladenia horistes*. Noted as endemic to West.Aust.

horizontale: recumbent, as opposed to being erect. cf. *Bulbophyllum horizontale*.

Hormidium: Lindley ex Heynh.1841: ref. *hormos* (or, *ormos*): a necklace; chain + dimin. Ref the pseudobulbs and rhizome. syn. *Prosthechea* Knowles & Westc.

hornei: listed for orig.coll., botanist and author, John Horne (+ of). ex Rambo Island, Fiji. cf. *Dendrobium hornei* S.Moore 1883.

hornense: (originating) from Horne, see *hornei*. ex Vanuatu, cf. *Bulbophyllum hornense* Govaerts 1996. syn. *B. stenophyton*.

horribilis: looks familiar and is almost the same as English, horrible. Lit., frightful; dreadful. cf. *Lepanthes horribilis*.

horrida: no, it's not horrid, see *horridus*: prickly, etc. Refs. to the ovary, and/or the capsule. cf. *Masdevallia horrida*. syn. *M. erinacea* (which also means prickly, see *erinaceous*).

horridulum: see *horridus* + dimin.: small prickles (or, slightly prickly?). cf. *Bulbophyllum horridulum*.

horridus: descwd.: prickly; bristly; rough, etc.

horsfallii: listed for noted grower, L.Horsfall of Staffordshire, Eng., first to flower it. ex Africa, cf. *Eulophia horsfallii* (Bateman) Summerh.1936.

horsmannii: listed for orig.coll., Frederick Horsmann (+ of). ex Colombia, cf. *Odontoglossum x horsmannii* Rchb.f.1880.

hort., *Hort.*: listed with generic names, or in descriptions, etc. When with a generic name, it shows that it's a name used amongst the public and growers (*Hort.*: of horticulturists) and unregistered. Often, "*hort.*" is an abbr. for *hortorum*: belonging to, or of a garden. eg., In a protologue was: "*Veitch hort.*": was first noted at Veitch's nursery (see *veitchii*) and where it orig. came from was uncertain, or unknown.

hortense: from a garden, or more likely: from **the** garden, as it flowered in the Bogor Botanic Garden, Java (see *Bogoria*). cf. *Bulbophyllum hortense* J.J.Sm.1913. syn. *Bulbophyllum odoratum*.

hortensiae: ex Costa Rica, could be for a place name (+ of). One major ref. suggested the author, Rafael Lucas Rodriguez, named it for his wife (?, *Hortense*). cf. *Rynchostele hortensiae* (Lucas Rodr.) Soto Arenas & Salazar 1993.

hortensis: of gardens, + descwd., ref. *hortus*: garden + see *-ense*: from, etc., but not necessarily from a domestic garden. Many authors liken natural habitats to a "garden" in a poetic fashion. eg. With terrestrials in open fields, imagine many thousands of the one species, gloriously in flower, would have to be called a "garden". (As next entry.)

hortensis: see last entry. cf. *Corallorrhiza hortensis*. syn. *Corallorrhiza wisteriana*. There was a colour photo' in the book I was reading, showing acres of flowers. Natural and more wondrous than any regular "garden". A small notice here for tourists, go to Western Australia to see the incredible wildflowers (including many unique and endemic species of orchids), on not just a few, but many hundreds of acres and all in flower.

hortensoides: from a garden + resembling. But, noted it is because it closely resembled *Bulbophyllum hortense*. cf. *Bulbophyllum hortensoides*. syn. *B. braccatum*.

horticulture: ref. *hortus*: garden + ref. *colere*: to cultivate. Generally: the growing of plants in a domestic environment, or other than their natural habitat.

Horvatia: Garay 1977: for phytologist and author, Ivo Horvat [+ of] (1897-1963). eg. *Horvatia andicola*. Noted as monotypic in Ecuador.

hosei: listed for orig.coll., P.Hose (+ of) who collected in the Sarawak area, Borneo, late 1800s. cf. *Dendrobium hosei* Ridl.1893.

hosokawae: listed for botanist and author, Takahide Hosokawa (b1909). ex the Caroline Islands, cf. *Oberonia hosokawae* Fukuy.1941.

hossei: listed to be for Hosseus, see *hosseusiana*. cf. *Habenaria hossei* Schltr.

hosseusiana: listed for Carl Curt Hosseus [+ belonging to] (1878-1950). Explorer, naturalist, author and leader of a scientific expedition to Thailand c1904. cf. *Calanthe hosseusiana* Kraenzl. 1909. syn. *Calanthe cardioglossa*.

hosseusii: of Hosseus, see *hosseusiana*. ex Nepal to China, cf. *Oberonia hosseusii* Schltr.1906. syn. *O. acaulis*.

hostifolia: see *hostii* + leaf. Alluded to the genus *Hosta* Tratt., family, *Agavaceae*. Has a sword-shaped leaf likened to an aloe, or agave. cf. *Liparis hostifolia* (Koidz.) Koidz.ex Nakai 1928. Trivium: a given location, is *Kazan Reto* (island, aka., Volcano Islands, a group of three, inc. Iwo Jima [*Naka Iwo*], famous for the battles there in WWII), sth. of Japan.

hostii: listed for botanist and author, Nicolaus Thomas Host (1761-1834). cf. *Orchis hostii* Tratt.1814. syn. *O. quadripunctata*. Of interest, see *hostifolia*.

hottae: of Hotta. Ref. phytologist and author, Teikichi Hotta (b1899). ex s.west Japan, cf. *Platanthera stenoglossa* ssp.*hottae* K.Inoue 1981.

hotteana: belonging to the Monts de la Hotte (mtn. range + Massif de la Hotte), centrally of the sthn. peninsula, Haiti. cf. *Lepanthes hotteana* Hespénh. & Dod 1993.

hottentotica: I thought this would be for an indigenous people. "Hottentot" was a European derogative term for the sth. African Khoikhoi people, but it's also listed for a place name: belonging to the Hottentotsholland Mtns., s.west Cape Prov., Sth.Africa. cf. *Disa obtusa* ssp. *hottentotica* H.P.Linder 1981.

Houlletia: Brongn.1841. Listed for orig.coll., R.Houllet (1815-1890). Curator of the *Jardin des Plantes*, Paris, France. ex Colombia, eg. *Houlletia conspersa*.

houlletianum: belonging to Houllet, see *Houlletia*. ex Indo-China, cf. *Aerides houlletianum* Rchb.f.1872.

x *Houllora*: auct. On the syn. list and is from the parents, cf. *Gongora* x *Houlletia*.

houtteana: belonging to Houtte. For botanist, author and noted horticulturist, Louis Benoit van Houtte (1810-1876) of Ghent, Belgium. ex Colombia, cf. *Dracula houtteana* (Rchb.f.) Luer 1978.

houtteanum: as *houtteana*. cf. *Cypripedium* x *houtteanum* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

houttei: see *houtteana*. ex the central Americas, cf. *Xylobium houttei* Jacob-Makoy ex Mutel. syn. *X. variegatum*.

hovarum: of, or belonging to the Merina (aka. **Hova**) people. Reported to make up c27% of the ethnic population of Madagascar. cf. *Bulbophyllum hovarum* Schltr.1924.

howardii: listed for Richard Alden Howard (b1917). ex Cuba, cf. *Encyclia howardii* (Ames & Correll) Hoehne1952.

howcroftii: for Neville H.S.Howcroft (+ of), a silviculturist with the PNG. Government, Forestry Dept. A dedicated orchidologist, author and authority on orchids of PNG. I had the honour and pleasure of meeting him a few times in PM.PNG. and I am pleased to see him get the recognition he deserves, as I always admired his

skills and knowledge. cf. *Bulbophyllum howcroftii* Garay, Hamer & Siegerist 1995. When reading the description and line drawings, I said, "hey, I know this one!", checked my old records and sure enough, pers.coll. ex Itikinu Estate, Jan.1970.

howeanum: listed for place name: belonging to Lord Howe Island, off the east coast of Aust. cf. *Dendrobium gracilicaule* var.*howeanum* Maiden 1899.

Hoya: R.Br.c1820. This is to aid the next entries + for nostalgia. Don't know how many times I was fooled by them, thinking they were orchids. Delicately showy and beautiful, they grow hand-in-hand with epiphytic orchids and it would be easy to get hooked on them. Ref. the genus *Hoya* of the family, *Asclepiadaceae*, named for Eng. horticulturist Thomas Hoy (c1800).

hoyifolium: see *Hoya* + leaf. cf. *Bulbophyllum hoyifolium*.

hoyopse: see *Hoya* + appearance. cf. *Saccolabium hoyopse*. syn. *Gastrochilus pseudodistichus*.

hoyopsis: see *Hoya* + appearance. cf. *Gastrochilus hoyopsis*. syn. *G. pseudodistichus*.

hrubyana: listed for botanist and naturalist, Johan Hruby (+ belonging to). ex Colombia, cf. *Acineta hrubyana* Rchb.f.1882.

hrubyanum: as *hrubyana*. ex Peru, cf. *Odontoglossum hrubyanum* Rchb.f.1888.

huacapistanae: of Huacapistana, a town of Junin Department, Peru. cf. *Epidendrum huacapistanae* Kraenzl.1905. syn. *E. friderici-guilielmi*.

huancabambae: for place name listed as ex Cuzco Department, Peru. Noted, a village called Huascabamba, in this area and there is a village, Huancabamba, in the neighbouring Apurímac Department (?). cf. *Maxillaria huancabambae* (Kraenzl.) C.Schweinf. 1945.

huanucoense: as next entry. cf. *Epidendrum huanucoense* Schltr.1921. syn. *E. calanthum*.

huanucoensis: from the Department of Huánuco, Peru. cf. *Pleurothallis huanucoensis* Schltr.1921. syn. *P. xanthochlora*.

hubbardianus: listed for botanist and author, Charles Edward Hubbard (b1900). Descs. accr. to him are abbr. to: C.E.Hubb. ex the Philipp., cf. *Sarcochilus hubbardianus* L.O.Williams 1937. syn. *Pteroceras philippinense*.

hubeiensis: from Hubei Prov.(aka., Hupeh, or Hu-peí), central China. cf. *Pleione hubeiensis* Torelli & Riccab.1998. syn. *P. pleionoides*.

huberi: listed for botanist and author, Franz Josef Huber (b1931). ex sthn. Venezuela, cf. *Cleistes huberi* Carnevali & I.Ramirez.

hubrechtiana: may be for place name: of Mt.Hubrecht, Papua, Indon. Or, more likely, ref. P.E.Hubrecht, a geologist, naturalist who was with an expedition to Mt.Wilhelmina 1921. cf. *Glomera hubrechtiana* J.J.Sm.1929. Noted as endemic to Papua, Indon.

hubschii, *huebschii*: listed for F.Huebsch, a mercenary for famous Eng. nurserymen, Sander & Co. ex Peru, cf. *Maxillaria hubschii* Rchb.f.1888.

huebneri: of Huebner, see *Huebneria*. ex Brazil, cf. *Encyclia huebneri* Schltr.1925.

Huebneria: Schltr.1925: ex Venezuela, listed for orig.coll., botanist Georg Huebner (+ of), who specialised in Amazonian flora. syn. *Orleanesia* Barb.Rodr.

huebnerioides: *huebneri* (see *Huebneria*) + resembling. Noted it was compared to *Campylocentrum huebneri* Mansf. ex Peru, cf. *Campylocentrum huebnerioides*.

huegelianum: belonging to Huegel, see *huegelii*. ex Mexico to Panama, cf. *Epidendrum huegelianum* Rchb.f.1861. syn. *Cattleya skinneri* Bateman 1838.

huegelii: listed for orig.coll., Baron Carl Alexander von Huegel [+ of] (1794-1870), an Austrian botanist, noted grower and patron of horticulture. Visited the Swan River colony (: Perth), Aust.1833 and collected many specimens of local flora. cf. *Cyrtostylis huegelii* (Endl.) Benth.1873. Noted as endemic to West.Aust.

hueycantenangense: from Hueycatenango (aka. **Hueycantenango**), a town of Guerrero state, Mexico. cf. *Epidendrum hueycantenangense* Hágsater & Garcia-Cruz 1993.

hughii: listed for Sir Hugh Low (+ of, more, see *lowii*). ex Peninsula Malaysia, cf. *Dendrobium hughii* Rchb.f.1882.

x *Hugofreedara*: auct.: of, or belonging to Hugo Freed (? , have no further info.). On the syn. list, the result of *Ascocentrum* x *Doritis* x *Kingiella*.

hui: listed for botanist and author, Hsen-Hsu Hu (1894-1968). ex Sichuan Prov., China, cf. *Ponerorchis hui* (T.Tang & F.T.Wang) Soó 1966.

huilaensis: for place name (+ from), only listed as ex Colombia. Ref. Huila (a volcano), and/or of Huila Department. Also, Huila Reserve and/or a village of Cauca Department (?). cf. *Stenoptera huilaensis* Garay 1953.

huillensis: for place name (+ from), listed as from the Huila Plateau, s.west Angola, Africa. cf. *Disa huillensis* Fritsch 1901. syn. *Disa equestris*.

humbertiana: belonging to Humbert. For orig.coll., phytologist and author, Jean-Henri Humbert (1887-1967). He spent over 48yrs. collecting extensively in the trop. Americas and included some trips to Madagascar. ex Madagascar, cf. *Sobennikoffia humbertiana* H.Perrier 1938.

humbertii: see *humbertiana*. ex Madagascar, cf. *Angraecum humbertii* H.Perrier 1939.

Humblotiangraecum: "Humblot's *Angraecum*". See *humblotianum*, + see *Angraecum*. = *Angraecum* section.

humblotiana: as *humblotianum*. ex the Comoro Islands (see *comorensis*) cf. *Cynorkis humblotiana* Kraenzl.1900.

humblotianum: listed for orig.coll., H.Humblot (+ belonging to). Author, phytologist and authority, who collected in Madagascar and the Comoros for the Paris Museum c1881-'86. Was the first Director of the Tsimbazaza Botanical & Zoological Park, Madagascar. cf. *Angraecum humblotianum* (Finet) Schltr.1915.

humblotii: as *humblotianum*. ex Madagascar, cf. *Gastrorchis humblotii* (Rchb.f.) Schltr.1924.

Humboldia: a typerror?, see *Humboldtia*. syn. *Stelis*.

humboldtense: for place name: from Humboldt Bay (Jos Sudarso Bay, also location of the capital city, Jayapura), Papua, Indon. cf. *Dendrobium humboldtense* J.J.Sm.1912.

humboldtensis: as *humboldtense*. cf. *Ceraia humboldtensis* (J.J.Sm.) M.A.Clem.2003. syn. *Dendrobium humboldtense*.

Humboldtia: Ruiz & Pav.1794. Listed for German explorer, naturalist, botanist and author, Baron Friedrich Wilhelm Heinrich Alexander von Humboldt (1769-1859). Collected extensively, esp. in the trop. Americas and was the leader of the celebrated partnership of Humboldt, Bonpland & Kunth. Descs. accr. to them are

abbr. to: HBK. and individually to: Humb., Bonpl. & Kunth (sometimes: Kth.). eg. *Humboldtia secunda*. syn. *Pleurothallis secunda*.

Humboldtia: see last entry.= *Stelis* section.

humboldtiana: belonging to Humboldt, see *Humboldtia*. ex Ecuador to Bolivia, cf. *Pleurothallis humboldtiana* Luer 1976. syn. *P. scabrata*.

humboldtianus: belonging to Mt.Humboldt, s.east New Caledonia. cf. *Lyperanthus humboldtianus* Guillaumin. syn. *Megastylis paradoxa*.

humboldtii: see *Humboldtia*. ex Costa Rica, to Panama, cf. *Phragmipedium humboldtii* (Warsz.ex Rchb.f.) J.T.Atwood & Dressler 1999.

humeana: as *humeanum*. ex Mexico, cf. *Rhynchoatele x humeana* (Rchb.f.) Soto Arenas & Salazar 1993.

humeanum: belonging to Hume. For noted grower, W.B.Hume of Norfolk, Eng. ex Mexico, cf. *Odontoglossum x humeanum* Rchb.f.1876. syn. *Rhynchoatele x humeana*.

humeadorensis: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum humeadorensis* Hágsater & Dodson 1999.

humerala: ref. (*h*)umere: to be moist; damp + suffix: like (being). cf. *Malaxis humerala*.

humeralum: as *humerala*. cf. *Crepidium humeralum*. syn. *Malaxis humerala*.

humi-: used in combwds., a contraction, see *humilis*: low, etc.

humicola: low + dweller; resident (because it's a small terrestrial). cf. *Goodyera humicola*.

humicolle: low; lowly + neck. cf. *Dendrobium humicolle*. syn. *Diplocaulobium humile*.

humidicola: ref. *humidus*: moist; damp + resident; dweller. For its habitat, likes very damp areas of the forest floor. cf. *Physurus humidicola*. (+ Of interest, see *physurids*).

humidicolus: as *humidicola*. cf. *Peristylus humidicolus*.

humifusum: ref. *humilis*: low (dwarf, etc.) + ref. *fuscus*: spindle. Ref. the pseudobulbs. cf. *Dendrobium humifusum*. syn. *Diplocaulobium ridleyanum* (Schltr.) W.Kitt.1985.

humile: lowly.+ See *humilis*. cf. *Bulbophyllum humile*.

Humiles: low; lowly; low growing.= *Polystachya* section.

humiligibbum: low + hump; swelling, etc. cf. *Bulbophyllum humiligibbum*.

humilior: lower; low-grower. Or, one who is low; lowly; humble, etc.(?). cf. *Habenaria humilior*.

humilis: low; dwarf; lowly; humble. cf. *Pterostylis humilis*. Noted as endemic to NZ.

humistrata: ref. *humidus*: moist, or *humilis*: low, etc.(?). + see *-strata*. cf. *Habenaria humistrata*.

humus: common term, mostly of naturally decayed vegetable and animal matter. Same as mulch. Sometimes, the litter and garbage of a forest floor is ref. to as "humus".

hungarica: belonging to Hungary. cf. *Orchis hungarica* Pant.ex G.Keller & Soó 1933. syn. *Dactylorhiza cordigera*.

hungyehensis: from Hung-yeh. Noted three places (villages) in Taiwan, one centrally and two on the east coast. cf. *Cheirostylis hungyehensis* T.P.Lin 1977.

hunteriana: belonging to Hunter. For orig.coll., William Hunter (1893-1971) of Vic., Aust. A surveyor and noted naturalist. cf. *Cryptostylis hunteriana* Nicholls 1938. Noted as endemic to s.east Aust.

huntianum: belonging to Hunt. For Trevor Edgar Hunt (1913-1970). Author, phytologist and authority on flora of Aust. cf. *Dendrobium linguiforme* var. *huntianum* Rupp 1942. Noted as endemic to Aust. Took this info. from a book, but there isn't any official listing.

x *Huntleanthes*: auct. On the syn. list, noted as the result of *Cochleanthes* x *Huntleya*.

Huntleya: Bateman ex Lindley 1837: of Huntley. Listed for noted grower, the Rev.J.T.Huntley of Huntingdonshire, Eng. ex Colombia, eg. *Huntleya grandiflora*.

huntleyanum: belonging to Huntley, see *Huntleya*. ex Colombia, cf. *Oncidium huntleyanum* Beer ex Lindley. syn. *O. carthagenense*. Is listed as such, but *O. carthagenense* is also noted as syn. to *Trichocentrum carthagenense*, see "C".

Huntleyinae: *Huntleya* + suffix denotes it's a subtribe.

huntleyoides: *Huntleya* + resembling. cf. *Angraecum huntleyoides* Schltr.1906.

hunyadensis: for place name: from Hunyadi-és Zöldtanya, a town of Szabolcs-Szatmar-Bereg, Hungary. cf. *Dactylorchis maculata* var.*hunyadensis* Borsos & Soó 1959. syn. *Dactylorhiza maculata* ssp.*transsilvanica* (Schur) Soó 1962.

huoshanense: for place name: from Huoshan city, or further south ref. Huo Shan (mtn.), both of Anhui Prov., China. cf. *Dendrobium huoshanense* Z.Z.Tang & S.J.Cheng 1984.

hurgo: a word interpreted as a title: "a great lord" (by Gulliver, in the novel "Gulliver's Travels", more see *lilliputana* and *golbasto*). cf. *Lepanthes hurgo* Luer & Béhar 2003.

huronensis: listed for place name: from Lake Huron area, Canada-USA. border. cf. *Platanthera hyperborea* var. *huronensis* (Nutt.) Luer 1975.

hutchinsoniana: listed for W.Hutchinson (+ belonging to). ex Mt.Halcon, Mindoro, Philipp. cf. *Malaxis hutchinsoniana* (Ames) Ames 1908.

hutchinsonianum: as *hutchinsoniana*. cf. *Dendrochilum hutchinsonianum* Ames 1908.

hutchinsonii: as *hutchinsoniana*. cf. *Acoridium hutchinsonii* Ames 1922. syn. *Dendrochilum hutchinsonianum*.

huttonae: as *Huttonaea*. ex sthn. Africa, cf. *Schizochilus huttonae* Schltr. syn. *S. zeyheri*.

Huttonaea: Harv.1863. Listed for orig.coll., Mrs.H.(Hilda ?) Hutton (+ of). ex sthn. Africa, eg. *Huttonaea pulchra*.

huttonii: listed for Henry Hutton (+ of), a mercenary for Veitch & Sons nurseries, Eng. ex Timor Island, Indon., cf. *Dendrobium huttonii* Rchb.f.1869.

hyacinth blue: a common colour term: a paler violet shade. Have seen this ref. to quite a few times and yet a hyacinth is not exclusively "blue". Ref. the genus *Hyacinthinus* of the lily family, *Liliaceae*. Other colours are: white, yellow, pink and purple with shades in between. Popular home plants, as many are also very fragrant. + See *hyacinthinus*.

hyacinthina: hyacinth + like. I was sure it would be for a colour, see hyacinth blue. One ref. says it's for the shape of the inflo. + see *hyacinthinus*. cf. *Maxillaria hyacinthina*. syn. *Xylobium hyacinthinum*.

hyacinthinum: see *hyacinthinus*. cf. *Cymbidium hyacinthinum*. syn. *Bletilla striata*.

hyacinthinus: descwd.: of a hyacinth. To me, this means that the plant in discussion has some feature(s) likened to a hyacinth. There are many possibilities: the bell-like

flowers; the perfume; the appearance of some organ(s), part(s), or a group; the colour (see hyacinth blue), etc. Also note the suffix, *-inus*, which can indicate it's for a colour, or like, etc.

hyacinthiodorum: hyacinth + smell; odour. Noted as having a pleasant perfume likened to a hyacinth. cf. *Bulbophyllum hyacinthiodorum*. syn. *B. odoratissimum*.

hyacinthoides: hyacinth + resembling. See *hyacinthinus*. Should be for the perfume, as it's noted in the description as "*fragrantissimus*": very fragrant. cf. *Eria hyacinthoides*.

Hyacinthorchis: Blume 1849: see *hyacinthinus* + orchid. syn. *Cremastra* Lindl.

hyacinthosma: this one is definite: hyacinth + perfume. cf. *Coeliopsis hyacinthosma*.

hyalina: see hyaline, *hyalinus*. cf. *Jumellea hyalina*.

hyaline: glass-like, + see *hyalinus*. More or less clear: transparent; translucent, etc. + Can be an oblique ref. to brittleness; being easily broken (like fine glass).

hyalinobulbon: see hyaline + bulb. cf. *Erycina hyalinobulbon*.

hyalinum: as *hyalinus*. cf. *Bulbophyllum hyalinum*.

hyalinus: of glass; glassy; glass-like. + See hyaline. + Noted it can also infer a vague colour term: pale watery green.

hyalodes: as *hyaloides*. cf. *Angorchis hyalodes*. syn. *Aerangis hyaloides*.

hyaloid: glass-like, + see hyaline. + Can infer: fragile; brittle; easily broken.

hyaloides: glass + resembling. See hyaloid, *hyalinus*. Ref. the flowers. cf. *Aerangis hyaloides*.

Hyalosema: Rolfe 1919: ref. *hyalos*: glass + *-sema*: marks. For the translucent spots (: light-gatherers, + see lenticel). eg. *Hyalosema grandiflorum*. syn. *Bulbophyllum grandiflorum*. Pers.coll., see sketch and notes at "G".

Hyalosema: as last entry.= *Bulbophyllum* section.

Hybochilus: Schltr.1920: ref. *hybos*: hump. Hump-backed; hunched + lip. syn. *Trichocentrum* Poepp. & Endl.

Hybochilus: as last entry.= *Bulbophyllum* section.

hybrid: ex *hybrida*: lit., cross-bred; mongrel. With orchids, mostly for a man-made cross; progeny resulting from the interbreeding of plants that would not normally occur in the wild. Some refs. say, it can also be used ref. to a natural cross (see "N", natcross).

hybrida: see hybrid. cf. *Oberonia x hybrida* Schltr.1911, ex PNG. Listed as a natcross of *O. diura* x *O. forcipifera*.

hybridum: see hybrid. cf. x *Miltonidium hybridum* M.Hiroe. syn. Listed as a synonym without date, location, or "correct name".

hybrid swarm: seen in discussions, esp. of conspecific terrestrials living closely together and with introgressive hybridization, creating a population of (mostly) indefinable natural crosses, or hybrids.

hydra: could be ex *hydor*: water, but because of the genus is more likely, ref. *hydros*: a water snake. Noted it does like a moist habitat and is a sinuous climber. + Ref. the myth. monster **Hydra**, a fearsome multi-headed, giant water serpent slain by Hercules. cf. *Galeola hydra* Rchb.f. syn. *Galeola nudiflora*.

hydrae: may be: of water (likes a wet habitat?), or see *hydra* (+ of). cf. *Lepanthes hydrae*.

Hydranthus: Kuhl & Hasselt ex Rchb.f.1862: see *hydro-*, *hydra* + flower(s). syn. *Dipodium* R.Br.

hydro-: used in compwds., ref. *hydor*: water. Can have many connotations to “water”, as: wet; damp; moist, etc.+ As a colour, like water: shades from almost clear to darkish-green.

hydrocephala: see *hydro-*+ ref. *kephale*: head. cf. *Pristiglottis hydrocephala*.

hydrocephalus: as *hydrocephala*. cf. *Cystopus hydrocephalus*. syn. *Pristiglottis hydrocephala*.

hydrophila: water + loves. Enjoys a very damp habitat. cf. *Malaxis hydrophila*.

hydrophilum: water + loves. cf. *Diplocaulobium hydrophilum*. Pers.coll., near Brown River, PM.PNG., not common.

hydrophyllum: see *hydro-*+ leaf. This is reported as a misspelling, see *hydrophilum*. cf.

Diplocaulobium hydrophyllum (syn.?) *Diplocaulobium hydrophilum*.

Hydrorchis: D.L.Jones & M.A.Clem.2002: see *hydro-*+ orchid. syn. *Microtis* R.Br.

hye anum: listed for noted grower, Hye Leysen of Ghent, Belgium. ex Borneo, cf.

Cypripedium hye anum L.Linden & Rodigas 1886. syn. *Paphiopedilum lawrenceanum*.

hyemale: ref. *hyemalis*: of winter. cf. *Aplectrum hyemale*. Noted from the discussion: a new leaf emerges early autumn, persists through winter and then withers at spring flowering. Most unusual with a terrestrial in snow country!

hyemalis: of winter. cf. *Spiranthes hyemalis*.

hygro-: used in compwds., ref. *hygros*: damp; moist; wet.

Hygrochilus: Pfitzer 1897: moist + lip. eg. *Hygrochilus parishii*. ex India, China and Indo-China and noted as monotypic.

Hygrochilus: moist + lip.= *Bulbophyllum* section.

hygrophila: moisture + loves, see *hygrophilous*. cf. *Pleurothallis hygrophila*.

hygrophilous: growing in very damp, or wet places.

hygrophilum: moisture + loves. cf. *Taeniophyllum hygrophilum*.

hygrophyte: see *hygro-*+ *phyton*: plant. One that enjoys a very damp habitat. + See *hygrophila*, *hygrophilous*.

hygroscopic: looks for moisture. Noted as coined from *hygros*: moist; damp + ref. *skopein*: to view; look (for) + of, or the action. Refs. to an unusual habit, the capsule will only empty the seed on damp, rainy days.

Hylaeorchis: G.Carnevali & G.A.Romero 2000: ref. *hyle*: wood (: woody?) + see *-orchis*. eg. *Hylaeorchis petiolaris*. ex nthn. Sth. America and noted as monotypic.

hylibates: ref. *hyle*: wood (+ woodland) + *-bates*: frequents; haunts. cf. *Aspidogyne hylibates*.

hylodes: ref. *hyle*: wood + like. cf. *Masdevallia hylodes*.

Hylophila: Lindley 1833: ref. *hyle*: wood (+ can be: woodland; forest) + loves. ex the Philipp., eg. *Hylophila rubra*..

hylophila: as *Hylophila*. cf. *Stelis hylophila*.

hylophiloides: *Hylophila* + resembling. ex Borneo, cf. *Hetaeria hylophiloides*.

Hymanthoglossum: Tod.1842: see *hymen-*+ flower + tongue.

hymen-: used in compwds., ref. *hymen*: a (fine) membrane. Like a very fine parchment; membranous; a film of fine skin-like material.

hymenantha: see *hymen-*+ flower. cf. *Sigmatostalix hymenantha*.

hymenanthum: as *hymenantha*. cf. *Dendrobium hymenanthum*.
hymenanthus: as *hymenantha*. cf. *Dendrophylax hymenanthus*. syn. *D. varius*.
Hymenaria: see *hymen-*+ see *-are*: of, etc.= *Eria* section.
Hymeneria: (Lindley) M.A.Clem.& D.L.Jones 2002. See *hymen-*+ of wool. syn. *Eria*.
Hymenobractea: see *hymen-*+ see *bract* + of.= *Bulbophyllum* and *Oberonia* sections.
hymenobracteatum: see *hymen-*+ see *bracteate*: bracted. cf. *Bulbophyllum hymenobracteatum*.
hymenobracteum: see *hymen-*+ see *bract* + of, like. cf. *Bulbophyllum hymenobracteum*.
hymenocentra: see *hymen-*+ spur. cf. *Ceraia hymenocentra*. syn. *Dendrobium hymenocentrum*.
hymenocentrum: see *hymen-*+ spur. cf. *Dendrobium hymenocentrum*.
hymenochilum: see *hymen-*+ lip. cf. *Bulbophyllum hymenochilum*.
Hymenochilus: D.L.Jones & M.A.Clem.2002: see *hymen-*+ lip. syn. *Pterostylis* R.Br.
hymenodes: see *hymen-*+ resembling. cf. *Domingoa hymenodes*. syn. *D. haematochila*.
Hymenolaena: see *hymen-*+ ref. *laena* (*laina*): a cloak.= *Eria* section. syn. *Eria* section *Cylindrolobus*.
hymenopetala: see *hymen-*+ petals. cf. *Ceraia hymenopetala*. syn. *Dendrobium hymenopetalum*.
hymenopetalum: see *hymen-*+ petals. cf. *Dendrobium hymenopetalum*.
hymenophora: see *hymen-*+ bearing. cf. *Evelyna hymenophora*. syn. *Elleanthus hymenophorus*.
hymenophorum: see *hymen-*+ bearing. cf. *Catasetum hymenophorum*. syn. *Catasetum planiceps*.
hymenophorus: see *hymen-*+ bearing. cf. *Elleanthus hymenophorus*.
hymenophylla: see *hymen-*+ leaf. cf. *Habenaria hymenophylla*. syn. *H. uhehensis*.
hymenophyllum: see *hymen-*+ leaf. cf. *Dendrobium hymenophyllum*.
hymenoptera: see *hymen-*+ wing. *Callista hymenoptera*. syn. *Dendrobium hymenopterum*.
Hymenoptera, *hymenopterous*: membranous + of wings. + Ref. *Hymenoptera*: a large order of insects with very thin, almost transparent wings. eg. Bees, wasps, flies, ants, dragon-flies, etc.(would you believe, the order is listed to have c145,000 species!). Noted the word, ref. to some *Ophrys* species with flowers likened to hymenopterous insects.
hymenopterum: see *hymen-*+ winged. cf. *Dendrobium hymenopterum*.
Hymenorchis: Schltr.1913: see *hymen-*+ orchid. Noted as ref. the texture and appearance of the flowers. ex New Guinea, eg. *Hymenorchis foliosa*.
hyper-: used in compwds.: above; beyond; over. + Can be an emphasis: very; most; extreme; much; utmost.
hyperanthiflorum: see *hyper-*+ *anthi-* is a contraction and can be for a flower; blooming, or for the anther (?) + flower. cf. *Dendrobium hyperanthiflorum*.
hyperborea: see *hyper-*+ see *borealis*: of the extreme north. For its northerly habitat, eg. noted the type is from Iceland. cf. *Platanthera hyperborea* (L.) Lindley.
hyperocephalum: see *hyper-*+ head. cf. *Bulbophyllum hyperocephalum*.
hyperostachyum: see *hyper-*+ see *stachy-*: spike, etc. cf. *Bulbophyllum hyperostachyum*.

hyper-resupination: with flowers that are resupinate, the pedicel twists 180°. For some unknown reason the pedicel of some *Malaxis* species twist a full 360° = hyper-resupination. + See non-resupinate.

hyph-, hypha-: used in combwds., ref. *hyphe*: web. + See hyphae.

hyphae: has a long technical expl. ref. to the structural filaments of certain fungi, being web-like.

hyphaematica: as *hyphaematicum*. cf. *Aspidogyne hyphaematica*.

hyphaematicum: I tried to split this into *hyphae* + *-maticum* and searched for ages, until I woke up! It's: *hyp-*, see *hyper-* + ref. *haimatikos*: of blood. Freely trans.: very bloody; covered with blood; for the colour, being blood-like. Ref. the exterior of the floral segments. cf. *Oncidium hyphaematicum*.

hyphaematodes: see *hyphaematicum*, with a different suffix: resembling. cf. *Dactylorhiza incarnata* var. *hyphaematodes*. syn. *Dactylorhiza incarnata* ssp. *cruenta* (: bloody).

hyphosa: see *hyph-* + see *-osa*: conspicuously webbed; well marked with veining. cf. *Lepanthes hyphosa*.

hypnicola: ref. *hypnos*: sleep + see *-icola*: resident; dweller. cf. *Pleurothallis hypnicola*.

hypnophila: ref. *hypnos*: sleep + loves. Has nutant flowers (?). cf. *Pelexia hypnophila*.

hypnophilum: as *hypnophila*. cf. *Stenorrhynchos hypnophilum*. syn. *Pelexia hypnophila*.

hypo-: used in compwds.: under; less than; below; lower; beneath.

hypochil, hypochile, hypochilium: different authors: different spellings. Refs. to the inner part of the lip, closest to the column when there are two, or three distinct parts to this organ. + Noted, hypochil defined as: having a deformity, or slightly different lip. Applied when the species shouldn't be variable. + See epichil, mesochil.

hypochiliar: of, belonging, or relative to a hypochil.

hypochromous, hypochromy: colour variations of variable species.

hypocrita: cf. *Pleurothallis hypocrita*. Ref. *hypocrites*: pretender; actor; deceiver. My guess is there's a bit of wry humour here. A beautifully proportioned miniature and unlike many others of the genus, the erect raceme has well spaced and fully expanded, very pretty flowers. So it's pretending to be someone else: deceiving; showing off, by being flamboyant, like an actor.

hypocritum: a pretender; deceiver. Of interest, see *hypocrita*. cf. *Xylobium hypocritum*.

Hypodema: Rchb.f.1841, see *hypo-* + *dema*, ref. *demos*: (the) people. Speculated for a long time as to the probable reasoning for the name and had too many possibilities. My first idea, was simply because it's a terrestrial (low + people). syn. *Cypripedium* L.

Hypodematium: A.Rich.1850: see *hypo-* + ref. *demation*: small band; small bundle. syn. *Eulophia* R.Br.ex Lindl.

hypodiscus: under + ref. *diskos*: a platter; round and flat. The flowers are under a large, rounded leaf. cf. *Zootrophion hypodiscus*. syn. *Z. gracilentum*.

hypodon: see *hypo-* + *-odon*: tooth (teeth?). cf. *Dendrobium hypodon*.

hypogaea: underground (+ of). Not really under the ground. It flowers just under the leaf litter of the forest floor. To be more explicit, the specep. could have been coined

from *hyper* + *ruderalis*, which would then give a meaning of: growing under rubbish. cf. *Corysanthes hypogaea*. syn. *Corybas trilobus*.

hypogaeum: as *hypogaea*. cf. *Nematoceras hypogaeum*. syn. *Corybas trilobus*.

hypogeal: descwd., see *hypo*-+ see *ge*-+ of; relative to. For anything to do with being underground (: *hypogeus*).+ See *epigeal*.

hypolepta: see *hypo*-+ ref. *leptos*: peeled; cleaned (off). cf. *Pinelia hypolepta*.

hypoleptum: as *hypolepta*. cf. *Epidendrum hypoleptum*. syn. *Pinelia hypolepta*.

hypomelana: see *hypo*-+ see *mela*-: black (: very dark). Often seen, are species with leaves being very dark underneath. cf. *Eria hypomelana*. syn. *Eria amica*.

hypophaea: see *hypo*-+ *-phaea*: dusky; dark. For the dark underside of the leaves. cf. *Trichotosia hypophaea*.

hypophylla: see *hypo*-+ leaf. cf. *Specklinia hypophylla* Regel. syn. ("correct name" not given).

hypopogon: see *hypo*-+ *pogon*: beard. cf. *Dendrobium hypopogon*.

hypsitera: ref. *hypsiteros*: higher. cf. *Platystele hypsitera*. syn. *P. pisifera*.

hypsorhynchos: *hypso*-, ref. *hypselos*: high; up high; on high + ref. *rhynchos*: snout; beak. cf. *Phreatia hypsorhynchos* Schltr.1906.

hystera: after; late. cf. *Ophrys hystera*. syn. *O. mammosa*.

hysterantha: ref. *hysteros*: after; late + flower(s). + See *hysteranthous*. cf. *Galeandra hysterantha*.

hysteranthous: ref. *hysteros*: after; late + flowered. The flowers present after the major developments of stem, leaves, etc. have completely finished growing.

hysteranthum: after; late + flower. + See *hysteranthous*. cf. *Phymatidium hysteranthum*.

Hysteria: Reinw.1825. Looks familiar, but not as in English. Ref. *hysteros*: after; late + of. eg. *Hysteria veratrifolia*. syn. *Corymborkis veratrifolia*.

hystrogenus: after; late + kind; type; born. Listed to be the same as *hysteranthous*.

hystricina: see *hystricinus*. One ref. alludes to the close leaves, giving the plant a spiky appearance. Also noted, each leaf margin has many small "teeth" ('though you couldn't really relate this to being spiky, or of a porcupine). cf. *Dichaea hystricina*.

hystricina: see *hystricinus* (+ of). cf. *Dichaea hystricina*.

hystricinum: see *hystricinus*. The lip has many spiky projections. cf. *Bulbophyllum hystricinum*.

hystricinus: descwd., ref. *hystrix*: a porcupine + see *-ina*. Infers: spiky; spiny; bristly, etc.

hystricinus: see *hystricinus*. cf. *Podochilus hystricinus*.

hystricosa: full of, or with many spikes, prickles, etc. cf. *Andinia hystricosa*.

hystrionica: small porcupine + belonging to. The flower may have been alluded to resemble the narrow snout of a porcupine. cf. *Maxillaria hystrionica*.

hystrionicum: as *hystrionica*. cf. *Ornithidium hystrionicum*. syn. *Maxillaria hystrionica*.

hystrix: porcupine. The flower has many spiky, bristly projections. cf. *Habenaria hystrix*.

-i: relative to; of; possession, etc. Basically the same as -ii, see later entry.

-iae: a dedicative, or commemorative suffix added to a feminine proper noun. eg.,
bowkettiae.

ialibuense: from Ialibu (village), central highlands, west of Mt. Wilhelm, PNG. cf.
Bulbophyllum ialibuense Ormerod 2002.

-iana, -ianum, -ianus: suffixes, usually added to a proper noun and denotes possession.
Mostly, I say: belonging to, or of. Often, the “i” can be dropped (to -ana, etc.), eg.
see *ibityana* and sometimes, can be shortened even further, to just -na, etc., eg.
ikopana.

iansonii: listed for orig. coll., G. I'anson (Ianson?), a mercenary for Low & Co. nurseries,
Eng. ex Burma (Myanmar), cf. *Cymbidium lowianum* var. *iansonii* (Rolfe) Cribb &
DuPuy 1984. syn. *C. lowianum* var. *kalawense*.

Iantha: Hook. 1824. Listed as: I-, ref. *ion*: violet + *antha*: flower. syn. *Ionopsis* Kunth.

iantha: see *Iantha*. cf. *Brachycorythis iantha*.

ianthinus: ex *ianthinos*. One ref. defined it as: violet coloured flower. But noted, it's also
listed as a colour term: a bluish-violet, similar to *violaceus*.

ibaguense: listed as ex Colombia. From Ibagué, possibly for the city of Tolima
Department, but also noted some villages called Ibagué. cf. *Epidendrum ibaguense*
Kunth 1816.

ibarrae: listed for phytologist, Leon Ibarra (+ of). ex Jalisco state, Mexico, cf. *Habenaria*
ibarrae R. González 1992.

iberica: belonging to Iberia. An ancient name, can ref. to the Iberian Peninsula (: Portugal
and Spain) and/or Iberia, now of the Republic of Georgia (: *Sakartvelo*), on the
isthmus between Russia and Turkey. cf. *Dactylorhiza iberica* (M. Bieb. ex Willd.)
Soó 1962.

ibex: an ibex; chamois; kind of (wild) goat. ex the Ecuadorian Andes, cf. *Andinia ibex*
(Luer) Pridgeon & M. W. Chase.

ibid.: abbr. for *ibidem*, a Lat. phrase: “in the same place”. Seen in references, eg. the
species was found by two separate collectors from the same location.

Ibidium: Salisb. 1812: ref. *ibidos*: ibis; heron; slender wading bird + dimin., or like.
Alluding to a flower resembling the neck and head of a small ibis-like bird. eg.
Ibidium cernuum. syn. *Spiranthes cernua*.

ibis: ibis (the bird). cf. *Ornithocephalus ibis*. syn. *O. gladius*. Trivium: one author likened
the shape to the head of an ibis (esp. it's long sharp bill. + *Ornithocephalus*: bird +
head) and the other says it's sword-like (*gladius*).

ibityana: for place name: belonging to Mt. Ibity, Madagascar. cf. *Jumellea ibityana*
Schltr. 1925.

ibityensis: as *ibityana* (with different suffix: from). cf. *Eulophia ibityensis* Schltr. 1925.

iboense: listed for place name: from the Ibo Range, sth. of Madang, PNG. cf.
Bulbophyllum iboense Schltr. 1913.

iboensis: as *iboense*. cf. *Sarcochilus iboensis* Schltr. 1913. Noted as endemic to New Guinea.

ibukiensis: from the city of Ibuki, or (closeby) ref. Ibuki-yama (mtn. peak), Shiga-ken
Prefecture, Japan. cf. *Gymnadenia ibukiensis* Makino 1912. syn. *G. conopsea*.

-ica, -icum, -icus : used in combwds: like; of; made of; having the nature, or quality of; the state, or condition of; possession (belonging to). + Can be for the result of an action, or something is happening, or has happened. eg. Ref. *indicus*, from *indicare*: to show; point out; reveal; disclose, etc. + *-icus*, which then gives: shown; revealed, etc. (For more confusion, *indica, indicum, indicus*, can have other meanings as well, see these entries). Often used, esp. with place names eg., *queenslandica*: of, or belonging to Queensland, Aust. Other speceps. can be confusing, eg. *nidifica*, doesn't mean it's from a place called Nidif (learned that the hard way!) and in this case, it's *nidi*-+ *fica* and doesn't have anything to do with a place name, see *nidifica*.

icariensis: from Ikaria, a Gk. island in the Aegean Sea. cf. *Ophrys icariensis* M.Hirth & H.Spaeth 1990. syn. *O. argolica*.

iceliensis: from Içel, or Mersin city, capital of Içel Prov., sthn Turkey. cf. *Ophrys iceliensis* Kreutz 2000.

ichneumonea: ref. *ichneumon*, lit.: a searcher; tracker; hunter (+ of). Maybe because it looks fierce with it's spiky projections. There is also an insect, akin to some bees and wasps (ref. family, *Ichneumonidae*). + It is a type of mongoose, a small African carnivore, like a weasel. The specep. probably refers to an insect, as with many *Habenaria* species, the flowers are often likened to insects. ex Africa, cf. *Habenaria ichneumonea*.

ichneumoneum: see *ichneumonea*. cf. *Angraecum ichneumoneum*. syn. *Chamaeangis ichneumonea*.

ichneumoniformis: see *ichneumonea* + shape; form. Probably ref. a flower, likened to a bee, or wasp. Or, it may have been compared to *Habenaria ichneumonea* (?). cf. *Habenaria ichneumoniformis*. syn. *H. simplex*.

ichnusae: listed as Lat'd. spelling (+ of) for a place name of Sardinia island, Italy. cf. *Orchis mascula* ssp.*ichnusae* Corrias 1982.

ichthiorhyncha: ref. *ichthys*: fish + snout; nose; beak. cf. *Malaxis ichthiorhyncha*. syn. *M. maianthemifolia*.

ichthyonekys: fish + *nekys*: corpse (smells like rotting fish?). cf. *Pleurothallis ichthyonekys*.

ichthyorrhyncha: as *ichthiorhyncha*. cf. *Microstylis ichthyorrhyncha*. syn. *Malaxis maianthemifolia*.

Ichthyostomum: D.L.Jones, M.A.Clem.& Molloy 2002: fish + mouth. syn. *Dendrobium*.

ichthyostomum: fish + mouth. cf. *Bulbophyllum ichthyostomum*. syn. *B. pygmaeum*.

ichthyophyllum: see *ichthyophylla*. cf. *Epidendrum ichthyophyllum*. syn. *Prosthechea michuacana*.

icmadophila: ref. *ikmados*: moisture; wet, etc. + *-phila*: loves. Lives in wet areas; a wet habitat. cf. *Spiranthes icmadophila*. syn. *Brachystele dilatata*.

icmadophilum: as *icmadophila*. cf. *Stenorrhynchus icmadophilum*. syn. *Brachystele dilata*.

icmadophilus: as *icmadophila*. cf. *Cyclopogon icmadophilus*. syn. *Brachystele dilatata*.

-icola: noted the correct suffix is *-cola*. Listed as a contraction of *incola*: resident; dweller; native; inhabitant.

iconis: a word seen in references and indexes: illustration; plate.

ictalurus: noted many refs. to *Ictalurus*: a genus of catfish, one which has a fish-like tail (-urus) and not the eel-tailed kind. Had some refs. to *ictal-* (+ in English), but none that really made sense in this context. Perhaps *ictalurus* is an extreme contraction of *ichthyos* (*ict-*) + *-alis* (*-al-*): **fish-like** + *-urus*: **tail**. So the specep. alludes somehow, to a catfish, or a fish-like tail (?). cf. *Lepanthes ictalurus* Luer 1983.

icteranthum: see *icterinus* + flower. cf. *Bulbophyllum icteranthum*.

icterina: see *icterinus*. cf. *Masdevallia icterina*.

icterinus: a vague colour term, ref. *ikteros*: jaundice + like, etc.: a pasty, jaundiced yellow.

ichthyophylla: ref. *ichthyos*: fish + leaf. Can't elucidate on the "fish" (maybe the leaves are scaly, or have the outline of a fish?). cf. *Encyclia ichthyophylla*. syn. *Prosthechea michuacana*. + See *ichthyophyllum*, which has the same "correct name".

idea: is listed to be from both Latin & Gk.: appearance; form (+ as in English: mental picture; thought; notion, etc.). cf. *Gymnadenia odoratissima* var. *idea*. syn. *G. odoratissima*.

idem: Lat. phrase: "the same". Seen in references. eg.: J.J.Sm.1909: 90; *idem* 1911: 583. The abbr. for the person's name: the orig.coll.(see *smithianum* for J.J.Smith). The first number: the year and the second number: the ref., or collection number. + *idem* = saves writing "J.J.Sm.", twice (because he found it in 1909 and then again in 1911).

idenburgense: for place name: from Ngga Pilimsit (aka. **Idenburg-top**) mountain, central Papua, Indon. cf. *Bulbophyllum idenburgense* J.J.Sm.1929.

ideolectotype: a specimen chosen later, by the author of a species, from those collections he cited in the original description (: equiv. to a holotype).

ideotype: where the author has indicated a specimen as being typical of the species he has described, but did not specify a type (: equiv. to a holotype).

-ides: used in combwds.: offspring; descendant, etc. + Can be a form of *-oides*: resembling.

idiastes: loner; recluse. Listed as a natcross of *Caladenia gardneri* x *C. latifolia*. cf. *Caladenia* x *idiastes* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

-idium: diminutive suffix: little; small; tiny, etc. Used in combwds. to express smallness in some way. Sometimes can also mean: short; low, etc.

ie.: an abbr. of Lat., *id est*: that is.

lebine: Raf.1838. Reported as phonetic Japanese: a local name for a *Calanthe* (-like) species. syn. *Liparis* Rich.

ignea: see *igneus*: of fire, etc. cf. *Eria ignea*.

igneocentrum: see *igneus* + centre. Ref. the lip and column. cf. *Bulbophyllum igneocentrum*. syn. *B. gibbosum*.

igneonivea: as *igneoniveum*. cf. *Distichorchis ignonivea*. syn. *Dendrobium igneoniveum*.

igneoniveum: see *igneus* + ref. *niveus*: snow (-white). cf. *Dendrobium igneoniveum*.

igneo-oculata: lit., fiery-eyed. cf. *Calanthe vestita* var. *igneo-oculata*. Took this from a book, but there isn't any official listing.

igneous: an entry for cross reference. Ref. *igneus*: of, or to do with fire; fiery. The ref. herein is to "igneous rock": that which was orig. formed from volcanic lava. eg., see *basaltica*.

igneoviolaceum: see *igneus* + see *violaceus*. Ref. the flowers: violet with a bright orange labellum apex. cf. *Dendrobium igneoviolaceum*. syn. *D. violaceum*.

ignescens: descwd.: becoming fiery. + See *igneus*.

igneum: see *igneus*. cf. *Dendrobium igneum*.

igneus: of fire; fiery. + A vague colour term, implied as flame-coloured: a mix of reds, orange and yellows. Not used very often, mostly you'll see: *flammeus*.

igneus: as last entry. cf. *Elleanthus igneus*. syn. *E. ruizii*.

ignevenosum: fiery veined. cf. *Bulbophyllum ignevenosum*.

ignobile: lowly, etc., see *ignobilis*. cf. *Bulbophyllum ignobile*.

ignobilis: descwd.: low; unknown; mean (as, poor); obscure, etc.

ignobilis: as *ignobilis*. cf. *Nervilia ignobilis*.

ignota: ref. *ignotus*: strange; unknown, etc. cf. *Pleurothallis ignota*.

iguapense: as *iguapensis*. cf. *Camaridium iguapense* (Hoehne & Schltr.) Hoehne 1947. syn. *Maxillaria imbricata*.

iguapensis: from Iguape, a coastal city of São Paulo state, s.east Brazil. cf. *Cyclopogon iguapensis* Schltr.1922.

iguapoana: for place name (Iguapo? + belonging to), listed as ex Amazonas state, n.west Brazil. cf. *Brassia iguapoana* Schltr.1925.

-ii: a dedicative, or commemorative suffix, usually added to a proper noun. Mostly, I say : "of". eg., see *imthurnii*.

iinumae: for place name (+ of), refs. to the major town of **Iinuma**, Ibaraki-ken Prefecture, Honshu, Japan. cf. *Platanthera iinumae* Makino 1902.

ikongoense: for place name: from Ikongo, a town of s.east Madagascar. cf. *Bulbophyllum ikongoense* H.Perrier 1937.

ikopana: listed for place name: belonging to the Ikopa River, Madagascar. cf. *Aerangis ikopana* Schltr.1925. syn. *A. mooreana* (Rolfe ex Sander) P.J.Cribb & J.Stewart.

-ile: used in compwds., mostly to point out a feature. eg. *plicatile*. + Can be the same as -ilis.

ilense: for place name (+ from). One that fits the given location is Ila (village), Napo Prov., central west Ecuador. cf. *Epidendrum ilense* Dodson 1977.

ilensis: as *ilense*. cf. *Lepanthes ilensis* Dodson 1980.

ilgazica: listed for place name ex nthn.Turkey. Ref. **Ilgazi**, a town of Cankiri, or ref. **Ilgaz** Dagi Milli Parki (N.Park) +-ica: belonging to. cf. *Dactylorhiza ilgazica* Kreutz 1997.

ilinizae: of Illiniza: Volcán Iliniza (volcano), n.east Cotopaxi Prov., Ecuador. cf. *Epidendrum ilinizae* Hágsater & Dodson 1999.

-ilis: used in compwds.: -like; of; having the nature, or quality of; the ability; being capable (of); the state, or condition; having; belonging to.

illecebrum: bait; enticement; a promise of a reward. cf. *Bulbophyllum illecebrum*.

illex: lit., against the law; against the rules. cf. *Lepanthes illex*.

illiberale: ref. *illiberalis*: ungenerous; mean; miserly. cf. *Cymbidium illiberale*. syn. *Cymbidium floribundum*. (I'm intrigued, *floribundum*: abundant flowers, so what was the first author unhappy about?)

illinizae: see *ilinizae*. cf. *Lepanthes illinizae* Luer & Hirtz 1993.

illudens: mocking, etc. + Ref. *illudere*: to mock; ridicule; deride. Possibly because its classification was so frustrating . cf. *Bulbophyllum illudens*.

illustre: brightly; clearly; illustriously. cf. *Saccolabium giganteum* var. *illustre*.

illustris: bright; clear; illustrious. cf. *Odontoglossum luteo-purpureum* var. *illustris*.

illyrica: listed as Lat' d. spelling for place name: belonging to *Illyria*, an ancient region, now mostly of Albania (and yet, the official listing says the species is from Croatia?). cf. *Ophrys illyrica* S.& K.Hertel 2002.

iltisorum: listed for botanist and author, Hugh Hellmut Iltis [+ of, belonging to] (b1925). ex Ecuador, cf. *Epidendrum iltisorum* Dodson 1980.

image: as in English: copy; likeness; reflection; replica, etc.

imago: lit., image. This may not be relevant, but also ref. *imago*: an insect after it has passed through the metamorphic stages to full development (?). cf. *Pleurothallis imago*.

imbaburae: of Imbabura Prov., Ecuador. cf. *Pleurothallis imbaburae* Luer & Hirtz 1996.

imbeana: belonging to Imbé (aka., Santo Antônio do Imbé), a town of Rio de Janeiro state, Brazil. cf. *Pleurothallis imbeana* Brade 1932.

imbecilla: ref. *imbecillus*: weak; feeble; poor. cf. *Orchis imbecilla*. syn. *Neotinea maculata*.

imbellis: not fair; not pretty, etc. cf. *Arnottia imbellis*.

imberbis: beardless. cf. *Calochilus imberbis*. syn. *C. robertsonii*. Noted as endemic to Aust.

imber-florum: *imber*: shower; rain + flower. cf. *Pleurothallis imber-florum*.

imbricans: overlapping, + see *imbricate*. cf. *Bulbophyllum imbricans*.

imbricata: see *imbricate*. Ref. the raceme. cf. *Pholidota imbricata*. Pers.coll., would have to be the most common orchid around PM.PNG. Both epiphyte and lithophyte, is a beautiful plant, but the raceme and flowers are a major disappointment.

imbricate: ref. *imbricatus*: overlapped. Having organs, or parts overlapping like roof tiles, fish scales, etc.

imbricatiflora: see *imbricate* + flowers. cf. *Oberonia imbricatiflora*. syn. *O. lycopodioides*.

imbricatum: see *imbricate*. cf. *Dendrobium imbricatum*.

Imerinaea: Schltr.1924: of Imerina, see *imerinense*. eg. *Imerinaea madagascariensis*. Noted as monotypic and endemic to Madagascar.

imerinense: for place name: from Imerina, a town of central eastn. Madagascar. cf. *Angraecum imerinense* Schltr.1925.

imerinensis: as *imerinense*. cf. *Aeranthus imerinensis* H.Perrier 1938. syn. *A. caudata*.

iminapensis: for place name (+ from), listed as ex La Paz Department, Bolivia. cf. *Stelis iminapensis* Rchb.f.1881.

imitans: copying; imitating; mimicing. Noted as likened to some species of *Glossorhyncha* (syn.). cf. *Glomera imitans*.

imitator: copier, or one who copies, imitates. Is listed as compared to *Bulbophyllum ochroleucum*. cf. *Bulbophyllum imitator*.

imitor: lit., mimic; copy. cf. *Pleurothallis imitor*.
imkoeensis: for place name (+ from), only listed as ex Korea. cf. *Epipactis helleborine* var. *imkoeensis* Y.N.& K.S.Lee 2002. syn. *Epipactis papillosa*.
immaculata: im-: not + see maculate: spotted. ex the Philipp., cf. *Phalaenopsis schilleriana* var. *immaculata*. syn. *P. schilleriana*.
immaculatum: as *immaculata*. cf. *Oncidium hydrophilum* var. *immaculatum*. syn. *O. hydrophilum*.
immaculatus: as *immaculata*. ex Ecuador, cf. *Telipogon immaculatus*.
immensa: ref. *immensus*, lit.: vast; boundless. cf. *Masdevallia immensa*.
immersa: ref. *immersus*: embedded; enveloped. Ref. the peduncle (first part of the raceme), most of it is hidden, enveloped within the central crease of the leaf and emerges from (almost) the top, instead of basally. cf. *Pleurothallis immersa*.
immobile: ref. *immobilis*: immovable; not mobile. Ref. the lip. cf. *Bulbophyllum immobile*. syn. *B. cruciatum*.
immobilis: as *immobile*. cf. *Haplochilus immobilis*. syn. *Bulbophyllum cruciatum*.
impar: unequal; odd; different. cf. *Bulbophyllum impar*.
impensa: ref. *impensus*: large; great; strong; ample, etc. cf. *Caladenia reptans* ssp. *impensa*.
Noted as endemic to West.Aust.
imperatetorum: *imperat*-+*-etorum*: (of the) emperor + habitat. An imperial place of growth, I wonder why (?). Got the grey matter into gear and am certain it's a clever play on the words by Dr.Schlechter who found it in Kaiser Wilhelm's Land (: German New Guinea, now: PNG.) and Kaiser: emperor + see *-etorum*: habitat; place of growth. So, it grows in Kaiser Wilhelm's Land (: *imperatetorum*). cf. *Nervilia imperatetorum* Schltr.
imperati: imperial; commanding; regal. cf. *Phalaenopsis imperati*. syn. *P. speciosa*.
imperatifolia: imperial; regal, etc. + leaves. cf. *Liparis imperatifolia*.
imperator: general; chief; ruler; emperor. cf. *Epidendrum imperator* Hort. syn. *E. leucochilum*.
imperatoria: see *imperatorius*. cf. *Corysanthes imperatoria*. syn. *Corybas imperatorius*.
imperatoris-maximiliani: for Emperor Maximilian (1832-1867). Born Vienna, was Archduke of Austria and appointed by Napoleon III, as Emperor of Mexico, 1864. He was executed by Mexican Republic troops (1867), in a rebellion against the French. After all this, the species is actually from Rio de Janeiro state, Brazil. Maybe the author was told it was from Mexico (?). cf. *Oncidium imperatoris-maximiliani* Rchb.f.1866.
imperatorius: of a General; imperial, etc. Probably for the majestic helmet (shape) of the flower. cf. *Corybas imperatorius*.
imperatrix: supreme ruler; one who is imperial; Emperor, or Empress. cf. *Dendrobium imperatrix*. syn. *D. lineale*. I like *imperatrix*, whereas *lineale* is very ordinary for this beautiful species. Pers.coll. ex PM.PNG.
imperiale: imperial; commanding. cf. *Catasetum imperiale*. syn. *C. pileatum*.
imperialis: as *imperiale*. cf. *Cattleya imperialis*. syn. *C. warscewiczii* Rchb.f.1854.

imperiosus: imperious; mighty; being in command; dominant. cf. *Calochilus imperiosus*.

Noted as endemic to the NT., Aust.

implexa: as *implexum*. cf. *Lepanthes implexa*.

implexum: not + braided; plaited. cf. *Bulbophyllum implexum*. syn. *B. minutum*.

implicata: as *implicatum*. cf. *Angorchis implicata*. syn. *Angraecum implicatum*.

implicatum: ref. *implicatus*: entangled; involved; confused; entwined, etc. cf. *Angraecum implicatum*.

impolitus: descwd., lit.: unpolished. Matt; rough; dull, etc.

imposita: ref. *impositus*: placed upon; laid upon. cf. *Lepanthes imposita*.

impostor: probably intended as in English: a cheater; deceiver, etc. cf. *Masdevallia impostor* Luer & R.Escobar 1979.

impotens: weak; feeble; not strong. cf. *Lepanthes impotens*.

impressa: ref. *impressus*: sunken; impressed; slightly below surface level. + Can ref. to a dent, or shallow depression. cf. *Stanhopea impressa*.

impressed: sunken; indented; slightly below surface level.

improcera: ref. *-im*: negative; not, etc. + see *procera*: slender; slim; long; tall, etc. cf.

Thelymitra improcera. Noted as endemic to Tas., Aust.

impudica: ref. *impudicus*: shameless; blatant; immodest, etc. cf. *Orchis impudica*. syn. *Dactylorhiza incarnata*.

imschootiana: listed for noted grower, M.A.van Imschoot (+ belonging to) of Gand, Belgium. ex Assam, India, cf. *Renanthera imschootiana* Rolfe 1891.

imschootianum: as *imschootiana*. ex Colombia, cf. *Odontoglossum* x *imschootianum* Rolfe 1891. syn. *O. x stellimicans*.

imthurnii: listed for orig.coll., Sir Everard Ferdinand im Thurn [+ of] (1852-1932), first British High Commissioner to the westn. Pacific. Earlier he collected in Guyana and surrounds. ex Malaita (islands) of the Solomon Islands, cf. *Arachnis beccarii* var. *imthurnii* (Rolfe) K.W.Tan 1974.

imuyaensis: for place name (+ from), listed as ex Sucumbios Prov., Ecuador. cf.

Palmorchis imuyaensis Dodson & G.A.Romero 1993.

in-: used in compwds.: in; into. Also is a negative: no; not; without; lacking, etc.(+ same as English prefixes, un-, in-).

-ina, *-inum*, *-inus*: used in compwds.: made of; having the properties, or qualities; resembling; relative to; like; the state, or condition; of, etc. + Can indicate a colour.

inabai: listed for orig.coll., K.Inaba (+ of). ex Maisha, Taiwan, cf. *Bulbophyllum unabai* Hayata 1914. syn. *B. japonicum*.

-inae: a suffix of rank (see "R"), mostly added to a genus name and denotes it's a subtribe.

inaequale: not + equal: uneven, etc. cf. *Bulbophyllum inaequale*.

Inaequales: (those) not equal. Ref. the median sepal compared to the synsepal.= *Stelis* section. syn. *Stelis* section *Humboldtia*.

inaequalis: not equal. cf. *Diphyes inaequalis*. syn. *Bulbophyllum inaequale*.

inaequilatera: unequal + side(s). cf. *Spiranthes inaequilatera*. syn. *Cyclopogon inaequilaterus*.

inaequilaterus: unequal + side(s). cf. *Cyclopogon inaequilaterus*.

inaequiloba: unequal + see lobe. cf. *Habenaria inaequiloba*.

inaequilonga: unequal length, cf. *Tridactyle inaequilonga*.

inaequilongum: unequal length. cf. *Angraecum inaequilongum*. syn. *Tridactyle inaequilonga*.

inaequisepala: unequal + sepals. cf. *Trichosalpinx inaequisepala*.

inaequisepalum: unequal + sepals. cf. *Cryptocentrum inaequisepalum*.

inaguense: as *inaguensis*. cf. *Epidendrum inaguense* (Nash ex Britton & Millsp.)

A.D.Hawkes. syn. *Encyclia inaguensis*.

inaguensis: listed for place name: from Great Inagua Island of the Bahamas. Trivium:

Inagua N.Park is home to the largest flock of West Indian flamingos, in the world. cf. *Encyclia inaguensis* Nash ex Britton & Millsp.1920.

inamoena: not + pleasant. Also the one word, ref. *inamoenus*: unpleasant. Most likely for the perfume, as many *Liparis* species do have unpleasant odours. cf. *Liparis inamoena*.

inamoenum: as *inamoena*. cf. *Dendrobium inamoenum*.

inandensis: from Inanda, a town of eastn. Kwazulu, Africa. cf. *Eulophia inandensis* Rolfe 1912. syn. *Eulophia parviflora*.

inaperta: not + open. Refs. to a flower. cf. *Polystachya inaperta*. syn. *P. subulata* (awl-like).

inapertum: in-: not + ref. *apertus*: open. cf. *Angraecum inapertum*.

inaudita: I thought: not + hearing; listening, so presumed it was deaf (ie., without ears?). Then found the right word. Ref. *inauditus*: unheard (of), as an expression for disbelief; extremely unusual, etc. cf. *Maxillaria inaudita*.

inauditum: as *inaudita*. cf. *Diplocaulobium inauditum*.

inayatii: for place name: of Inayati (village), Punjab, Pakistan. cf. *Neottia inayatii* (Duthie) Schltr.1911.

incantans: enchanting; spellbinding. cf. *Mesospinidium incantans*.

incantata: ref. *incantatus*: charm; (magic) spell. cf. *Lepanthes incantata*.

incanus: descwd.: greyish; hoary. For the surface, likened to being hoary; frosty; whitish-grey. Noted as usually caused by very fine, short hairs growing closely together, giving the surface this appearance. Of interest, also see *farinose*.

incarnata: see *incarnatus*. cf. *Orchis incarnata*. syn. *Dactylorhiza sambucina*.

incarnatus: I wanted to trans. this as: not + fleshed (: thin). But, it's listed as a vague colour term: flesh coloured, as a "pink".

incarum: listed as Lat'd. spelling: of the Incas, as it's from Huanuco, Peru. cf. *Bulbophyllum incarum* Kraenzl.1905.

incarvillei: I thought this to be a misinterpretation of *tankervilleae*. Noted it's for the orig.coll., Fr.Incarville, a Jesuit missionary, botanist and authoritative collector, who worked in China, mid 1700s. cf. *Limodorum incarvillei* Pers.1807. syn. *Phaius tankervilleae*.

inceburumensis: from Ince Burun, a coastal cape, projecting into the Black Sea, Sinop, nthn.central Turkey. cf. *Ophrys x inceburumensis* Kreutz.

incensa: may be ref. *incensum*: incense, for a perfume (?). Or, because it was a new species (to the authors), ref. *in-*+ *census*: not listed, etc. cf. *Caladenia incensa*. Noted as endemic to West.Aust.

incensum: as *incensa*. cf. *Calonema incensum*. syn. *Caladenia incensa*.

inciferum: ref. *incus*, *incudis*: anvil + bearing. Listed as ref. to the labellum callus. cf. *Bulbophyllum inciferum*.

incisa: ref. *incisus*: cut into; sharply and deeply cut. Ref. the labellum. cf. *Platanthera incisa* syn. *P. psycodes*.

incised: sharply cut. Often can ref. to edges, or margins: as if cut and resembling uneven teeth.

incisilabrum: sharply cut + see *labrum*: lip; edge, etc. cf. *Bulbophyllum incisilabrum*.

incisum: see *incisa*, *incised*. cf. *Epidendrum incisum*. syn. *E. secundum*.

inclinata: as *inclinatum*. cf. *Stelis inclinata*.

inclinatum: *in-*+ ref. *clinatus*: not sloping, or not bent. cf. *Bulbophyllum inclinatum*.

inclinatus: as *inclinatum*. cf. *Haplochilus inclinatus*. syn. *Bulbophyllum inclinatum*.

included: enclosed within. Organs, or parts that are surrounded by other organs, or parts and do not protrude.

incognita: ref. *incognitus*: unknown; strange; unrecognised. cf. *Dracula incognita*.

incola: descwd.: resident; dweller; native; inhabitant, etc. Very seldom used in its complete form and is mostly seen as a suffix, being abbreviated to *-icola*, or *-cola*.

incommodum: *in-*: not + ref. *commodus*: suitable; proper, etc. Could also be: inornate; plain, etc. cf. *Bulbophyllum incommodum*.

incompositum: *in-*: not + see *compositum*: aggregated, etc. cf. *Prasophyllum incompositum*. Noted as endemic to Qld., Aust.

incompta: ref. *incomptus*: undressed; inelegant; plain; inornate. cf. *Pleurothallis incompta*. syn. *P. quadrifida*.

incomptoides: as *incompta* + resembling. Was possibly likened to *Epidendrum incomptum* (?). cf. *Epidendrum incomptoides*.

incomptum: as *incompta*. cf. *Epidendrum incomptum*.

inconcinna: as *inconcinnum*. cf. *Ceraia inconcinna*. syn. *Dendrobium angulatum*.

inconcinnum: *in-*: not + see *concinna*: pretty; elegant, etc. cf. *Dendrobium inconcinnum*. syn. *D. angulatum*.

incongrua: ref. *incongruus*, as in English incongruous: unsuitable; improper; unseemly; unfit, etc. cf. *Pleurothallis incongrua*.

inconspicua: *in-*: not + ref. *conspicius*: striking; obvious. + Can be: inconspicuous. cf. *Habenaria inconspicua*. syn. *Peristylus gracilis*.

inconspicuiflorum: as *inconspicua* + flower. cf. *Dendrobium inconspicuiflorum*. syn. *D. indragiriense* Schltr.1911.

inconspicuous: this is the Eng. spelling, maybe it's a typ.error? and should be *inconspicuus*, see *inconspicua*. However, it was listed as such. cf. *Hybochilus inconspicuous*. Note, *Hybochilus* is only listed as syn. to *Trichocentrum*.

inconspicuum: see *inconspicua*. cf. *Cymbidium inconspicuum*. syn. *Gastrochilus inconspicuus*.

inconspicuus: see *inconspicua*. cf. *Gastrochilus inconspicuus*.

inconstans: changing. Inconstant; changeable; variable. cf. *Diplocaulobium inconstans*.
incorrectum: not + ref. *correctus*: set right; made straight, etc. cf. *Prasophyllum incorrectum*.

Noted as endemic to Tas., Aust.

incrassata: ref. *incrassatus*: thickened. cf. *Caladenia incrassata*. Endemic to West.Aust.

incrassatum: as *incrassata*. cf. *Dendrobium incrassatum*. syn. *D. indivisum*.

incrassatus: as *incrassata*. cf. *Phlebochilus incrassatus*. syn. *Caladenia incrassata*.

incredibilis: similar to English, incredible and for many expressions of disbelief:
extraordinary; impossible; unbelievable, etc. cf. *Lepanthes incredibilis*.

incubacea: ref. *incubaceus*: lying down; lying on the ground. Can also be freely trans. as:
like a nightmare. cf. *Ophrys incubacea*.

incumbens: see incumbent. Ref. labellum mid-lobe. cf. *Dendrobium incumbens*.

incumbent: lying upon. Resting, or leaning on another surface.

incurva: see incurved. Ref. column apex. cf. *Notylia incurva*.

incurvatum: see incurved. Ref. sepals and petals. cf. *Dendrobium incurvatum*.

incurved: ref. *incurvatus*: curved inwards, or towards the upper side.

incurvibrachium: incurved + ref. *brachion*: small arm. cf. *Dendrochilum incurvibrachium*.

incurvicalcar: incurved + spur. cf. *Grosourdya incurvicalcar*.

incurvidens: incurved + teeth. cf. *Pelexia incurvidens*.

incurviforceps: incurved + tweezers; pincers; tongs. cf. *Malaxis incurviforceps*.

incurvilabia: incurved + lip. cf. *Sayeria incurvilabia*. syn. *Dendrobium dendrocolloides*.

incurvilabium: incurved + lip. cf. *Dendrobium incurvilabium*. syn. *D. dendrocolloides*.

incurvociliata: as *incurvociliatum*. cf. *Ceraia incurvociliata*. syn. *Dendrobium incurvociliatum*.

incurvociliatum: incurved + see ciliate: having fine hairs. cf. *Dendrobium incurvociliatum*.

incurvum: incurved. cf. *Prasophyllum incurvum*. Noted as endemic to Tas., Aust.

incurvus: incurved. Ref. labellum margins. cf. *Corybas incurvus*. Noted as endemic to
Aust.

indanzense: from Indanza (village), Morona Santiago Prov., Ecuador. cf. *Epidendrum*
indanzense Hágsater & Dodson 1993.

indecora: in-+ ref. *decorus*: not proper; not pretty; unadorned, etc. cf. *Masdevallia indecora*.

indecoratum: unadorned, etc. See in-+ see *decoratus*. cf. *Epidendrum indecoratum*.

indefinite: indeterminate; having no known limits. eg. An indefinite inflorescence.

indehiscent: not dehiscing, or dispersing. + See dehiscent.

indet.: an abbr. of in-+ *determinatum*: not settled. Sometimes seen in a list, when there is a
doubt as to validity.

index: indication; pointer; token; sign, etc. cf. *Pleurothallis index*.

India: A.N.Rao 1999: simply for the country of India. eg. *India arunachalensis*. Noted as
monotypic to the eastn. Himalayas, Arunachal Pradesh.

indica: Lat'd. spelling for place name: belonging to India (this one is from the Himalaya
Mtns.). cf. *Oreorchis indica* Hook.f. NB. The specep., *indica*, can have other
meanings. See *indicum*, *indicus*, indigo.

indicum: belonging to India, or for the colour, see indigo, and/or ref. *indicus*: shown;
revealed (? , all of these could apply). cf. *Epidendrum indicum*. syn. *Rhynchostylis*
retusa. + See next entry.

indicum: belonging to India, see *indica*. This one is noted to be from Arunachal Pradesh state. cf. *Epipogium indicum* H.J.Chowdhery, G.D.Pal & G.S.Giri 1993.

indicus: can mean: shown, revealed; belonging to India; belonging to the Indies; or for the colour indigo. + See *indica*, *indicum*.

indifferens: one major ref. says: not borne apart. Can also be: mediocre; indifferent, etc. cf. *Ceratostylis indifferens*.

indigenous: native to the area, region, or country. An opp. to exotic, also see *incola*.

indigo: a separate entry to aid the next entries and save much repetition. Ref. *indicum*, *indikon* for the colour: deep violet-blue.+ Ref. a dye (Eng.: indigotin) obtained from plants of the genus *Indigofera* of the pea family: *Fabaceae*.

indigoferus: see indigo + bearing. Ref. rear of floral segments. cf. *Phaius indigoferus*.

indigoticus: listed as a colour term, see indigo: deep violet-blue.

indivisa: ref. *indivisus*: not + divided. Ref. the labellum. cf. *Eria indivisa*. syn. *E. fitzalanii*.

indivisum: as *indivisa*. cf. *Dendrobium indivisum*.

indochinense: from Indo-China. Now, mostly ref. to separately: Cambodia, Laos, Vietnam, etc. cf. *Cymbidium cyperifolium* ssp.*indochinense* DuPuy & P.J.Cribb 1988.

indochinensis: as *indochinense*. cf. *Phaius indochinensis* Seidenf.& Ormerod 1995.

indragiriense: from Indragiri Sungai, a major river, running west to east across central Sumatra, Indon. cf. *Bulbophyllum indragiriense* Schltr.1906. syn. *B. tortuosum*.

indragiriensis: as *indragiriense*. cf. *Oberonia indragiriensis* Schltr.1906.

indument, *indumentum*: refs. to any surface covering. eg. In a discussion, the labellum *indumentum* was described as: verrucose, ie. the lip was covered in warts, or wart-like excrescences. Trivium: in ornithology, the *indumentum* is the feathers, or plumage of a bird, generally. The word is ex *induere*: to put on + see *-mentum* (: the action).

indurate: hardened. Noted this from a description and it was used as: "... the denticulate, indurate, sessile lamellae...". If you want the meaning of the other words, look 'em up.

indusiata: see *indusium* + like; having (+: *indusiate*). cf. *Brachypeza indusiata*.

indusiate: see *indusium*. Like, or having an *indusium*.

indusiatum: *indusiate*, see *indusium*. cf. *Thrixspermum indusiatum*. syn. *Brachypeza indusiata*.

indusiatus: *indusiate*, see *indusium*. cf. *Sarcochilus indusiatus*. syn. *Brachypeza indusiata*.

indusium: lit.: a woman's undergarment; underwear; tunic, etc. Listed as adapted into botany and usually refs. to a cup-like group of hairs enclosing the stigma.

-ineae: suffix of rank. Usually added to a genus to form the name of a sub-order. See rank.

ined.: seen after a species, or generic name: an abbr. for Lat. *ineditus*: unpublished.

inermis: unarmed (: no weapons), ie. without spikes, spines; prickles, etc. Also can mean: spurless. cf. *Arnottia inermis*.

iners: inactive; insipid; inert, etc. cf. *Bulbophyllum iners*.

inescata: ref. *inescatus*: having, or like bait; luring, or enticing with the promise of a reward (of food). *Lepanthes inescata*. + Of interest, see *escifera*.

inexpectata: unexpected. cf. *Malaxis inexpectata*.

infausta: as *infaustum*. cf. *Maxillaria infausta*.

infaustum: ref. *infaustus*: unlucky. cf. *Epidendrum infaustum*.

inferior: ref. *inferus*: low; lower. Usually desc. the ovary when it is situated beneath the floral parts, as in orchids. Also is the correct term to describe a labellum which points out and down: an inferior lip, as opp. to a superior lip (see "S"). These terms are not used very often as could cause confusion with superlatives.

inferior ovary: see the separate entries.

inferlobum: not + bearing + lobe(s?). cf. *Oncidium inferlobum*. syn. *Cyrtorchilum halteratum*.

infernalis: is listed as the one word of hell; (of, or to do with) being underground. Listed to be ex *infernus*: hell + see -ale: of, etc. cf. *Spiranthes infernalis*.

inflata: ref. *inflatus*: like a bladder; swollen. Refs. to a small sac formed by the petals. cf. *Ceratostylis inflata*.

inflatum: as *inflata*. Noted as refs. to the mentum. cf. *Dendrobium inflatum*. syn. *D. hellerianum*.

inflatus: as *inflata*. cf. *Sarcanthus inflatus*. syn. *Cleisostoma inflatum*.

inflexa: see inflexed. cf. *Aerides inflexa*.

inflexed: ref. *inflexus*: bent in. Bent, or turned sharply inwards.

inflexilobum: inflexed + lobe. cf. *Cleisostoma inflexilobum*.

inflexilobus: inflexed + lobe. cf. *Sarcanthus inflexilobus*. syn. *Cleisostoma inflexilobum*.

inflexum: see inflexed. cf. *Schizodium inflexum*.

inflexus: see inflexed. cf. *Ornithocephalus inflexus*.

inflo.: my abbr. for the word inflorescence (*inflos.*: plural). + See next entry.

inflorescence: noted as a coined word accredited to Linnaeus (see "L"), from *in-* + *florescere*: to come into flower. For general use when ref. collectively to the flowers and their supports. Any flowering system consisting of more than one flower, on a growth which arises from the rest of the plant. There are different kinds, see end of this section.

informe: ref. *informis*: unshapely. cf. *Dendrobium informe*.

informis: unshapely. cf. *Callista informis*. syn. *Dendrobium informe*.

infortunatum: ref. *infortunatus*: unfortunate; unlucky. cf. *Dendrobium infortunatum*. syn. *Cadetia potamophila*.

infra-: used in combwds.: underneath; below; beneath; under.

infracarinatum: see *infra-* + see carinate: keeled. cf. *Bulbophyllum unifoliatum* ssp. *infracarinatum*.

infracta: ref. *infractus*: bent sharply inwards. + Could mean: *in-* + *fractus*: not + broken. cf. *Masdevallia infracta*.

infractum: as *infracta*. cf. *Thrixspermum infractum*.

infraspecific: descwd., see *infra-* + see species. The word is seen when an author is ref. to varieties and forma, of variable species.

infructescence: lit.: being in fruit. After fertilisation and the fruit has set. Also can ref. to the arrangement of the fruit (capsules).

infundibular: like, or relative to a funnel (ref. *infundibulum*: funnel). Noted from a discussion, it was ref. to the mouth of the spur (of a particular species).
infundibulare: see *infundibular*. cf. *Angraecum infundibulare*.
infundibularis: as *infundibular* (+ of). Ref. the labellum. cf. *Caladenia infundibularis*. Noted as endemic to West.Aust.
infundibuliflorum: funnel + flower. cf. *Bulbophyllum infundibuliflorum*. syn. *B. oreonastes*.
infundibulifolia: funnel + leaf. cf. *Nervilia infundibulifolia*.
infundibuliform: funnel + shape. Not necessarily with the spout, hollow and more or less obconical (shaped).
infundibuliforme: funnel + shape. cf. *Bulbophyllum infundibuliforme*.
infundibuliformis: funnel + shape. cf. *Appendicula infundibuliformis*.
infundibuligera: funnel + bearing. cf. *Sobralia infundibuligera*.
infundibulosa: funnel + see -osa (: prominent?). cf. *Pleurothallis infundibulosa*.
infundibulum: a funnel. Ref. base of lateral sepals form a funnel-like spur. cf. *Dendrobium infundibulum*.
infuscatus: descwd. Listed as mostly used with colours: darkened; dark. Infrs: clouded by dark brown.
ingaranensis: from Ingeran (: Boybeyi), a town of Hakkâri, s.east Turkey. cf. *Ophrys* x *ingaranensis* Soca.
ingens: huge (large, compared to others of its ilk). cf. *Pterostylis* x *ingens* (Rupp) D.L.Jones 1976. Listed as a.natcross of *P. nutans* x *P. furcata*. Noted as endemic to s.east Aust.
ingloria: ref. *inglorius*: inglorious.+ Plain; not pretty, etc. cf. *Chelonistele ingloria*.
ingramii: listed for botanist and author, John William Ingram [+ of] (b1924). ex Costa Rica, cf. *Pleurothallis ingramii* Luer 1996.
ingrata: unpleasant. cf. *Habenaria ingrata*. syn. *H. ndiana*.
ingratum: unpleasant. Noted it has a sour perfume. cf. *Dendrobium ingratum*.
inhambanensis: from Inhambane, a coastal city of sthn. Mozambique, Africa. cf. *Brachycorythis inhambanensis* (Schltr.) Schltr.1921.
injoloense: listed for place name (+ from). Noted two villages, Indjolo and Indjolo I, both of Équateur, Congo (DRC.), Africa. cf. *Bulbophyllum injoloense* De Wild.1916.
injoloensis: as *injoloense*. cf. *Cyrtorchis injoloensis* (De Wild.) Schltr.
in loc. cit.: noted this from a discussion and at the time, I had no idea what it meant (where's that Latin dictionary!). Abbr. for Lat. phrase: *in loco citato*: in the place cited.
innata: ref. *innatus*: inborn; inherent; innate. cf. *Corallorrhiza innata*. syn. *C. trifida*.
innominata: ref. *innominatus*, lit.: nameless. cf. *Ophrys* x *innominata* D.& B.Tyteca.
Inobulbon: as *Inobulbum*. = *Dendrobium* section.
Inobulbum: Schltr.& Kraenzl.1910. Ref. *inos*: muscle; sinew (or fibre) + *bulb*. syn. *Dendrobium* Sw.
inocephalum: maybe *inos* + *cephalum*: a muscular head? (hmm, better read the description). Ref. *in-*: **without** + *o*, as a spacer + *kephale*: **head**. cf. *Agrostophyllum*

inocephalum. Most of the genus *Agrostophyllum* have tightly clustered flowers bunched into a “head”, this one doesn’t.

inodora: ref. *inodorus*: without perfume. cf. *Stanhopea inodora*. The author obviously thought this worth noting, as many *Stanhopea* have a perfume (both, good and bad).

inodorus: descwd.: *in-*: without + *odorus*: perfume, etc.

inopinatum: my first guess, *inos* + *pinatum*: like a muscular pine tree (don’t think so!). Eventually found it’s one word, ref. *inopinatus*: unexpected; off-guard (the flowers were obviously “different” and surprising). cf. *Dendrobium inopinatum*. syn. *D. erosum*.

inops: is listed as the one word: weak; poor, etc. cf. *Bulbophyllum inops*.

Inopsis: Steudel 1821, ref. *inops*: poor; weak. Or could be: violet + appearance. syn. *Ionopsis*.

inornata: *in-* + *ornatus*: inornate; unembellished. cf. *Eria inornata*. syn. *E. kingii*.

inornatum: as *inornata*. cf. *Epidendrum inornatum*.

inquilinax: ref. *inquilinus*: a transient; traveller; temporary resident + suffix: apt to. Listed as a natcross, cf. *Calanthe x inquilinax* Rolfe (syn.).

inquilinus: a transient; traveller; temporary resident. cf. *Phaius x inquilinus* Rchb.f.

inquinatum: see *inquinatus*. cf. *Thrixspermum inquinatum*.

inquinatus: very dirty; soiled; stained. + Can vaguely be for colours: a dirty grey; blackish.

inquirendum: ref. *inquirere*: to search for; inquire + suffix: that which must be searched. Noted that apparently there’s some controversy with this one and the author thought it needed further investigation. cf. *Bulbophyllum inquirendum* J.J.Verm.1993.

inquisiviensis: from Inquisivi (village), Cordillera Real, La Paz Department, Bolivia. cf. *Trichosalpinx inquisiviensis* (Luer & R.Vásquez) Luer 1983.

inrolled: rolled inwards, on the upper side.

inscriptiosinensis: I made this hard, thinking of *-ensis*, until I woke up! It’s: *inscriptio* + *sinensis*: inscribing; writing + from China = Chinese writing. Alluding to the marks, bars and blotches of the floral segments (a top idea for the epithet). cf. *Phalaenopsis inscriptiosinensis* Fowlie 1983. syn. *P. sumatrana*.

insculptum: ref. *insculptus*: carved into; engraved. cf. *Cyrtorchilum insculptum*.

insectifer: ref. *insectum*: insect + *-fer*: bearing. Noted the column was likened to an insect. cf. *Sarcanthus insectifer*. syn. *Pelatantheria insectifera*.

insectifera: as *insectifer*. Alluding to the lip. cf. *Pterostylis insectifera*. Noted as endemic to West.Aust.

insectiferum: insect + bearing. cf. *Bulbophyllum insectiferum*.

insectiferus: as *insectifera*. cf. *Oligochaetochilus insectiferus*. syn. *Pterostylis insectifera*.

insectiflora: insect + flower. cf. *Lepanthes insectiflora*. See *Lepanthes*.

insectiform: self-explanatory: (having) the shape, or form of an insect.

insertion: descwd.: the point at which one part begins to project from another.

insidiosa: as *insidiosum*. cf. *Encyclia insidiosa*. syn. *E. diota*.

insidiosum: ref. *insidiosus*: artful; treacherous; deceitful, etc. cf. *Epidendrum insidiosum*.
syn. *Encyclia diota*.

insigne: ref. *insignis*: notable; outstanding; distinguished. Was real pleased to learn the meaning, as an old favourite of mine is *Dendrobium insigne*. Pers.coll., not uncommon ex PM.PNG. It's a shame the star-like flowers only last two days (... well, 1 1/2 days), but it's reasonably generous with its flowers, which are absolutely delightful.

insignificans: looks familiar but, ref. *insignis* (see *insigne*): outstanding, etc.+*-ficans*: making (ex *facere*: to make). cf. *Epidendrum insignificans*.

insignigrina: this specep. is taken from the parents, as it is listed as a natcross of *Cymbidium insigne* (***insign-***) x *C. tigrina* (***-igrina***). cf. *Cymbidium* x *insignigrina* Rolfe.

insignis: as *insigne*. cf. *Genoplesium insignis*. Noted as endemic to NSW., Aust.

in situ: Lat. phrase, lit.: in position. Seen in discussions, refs. to plants in their natural habitat.

insleayi: noted that the specep. was given by the owner, George Barker (see *Barkeria*), for his employee Mr.Insleay, first to flower it c1840. ex Mexico, cf. *Rossioglossum insleayi* (Barker ex Lindley) Garay & G.Kenn.1976.

insolata: see *insolate*. cf. *Nervilia insolata*. syn. *N. renschiana*.

insolate, *insolation*: a word seen in discussions: full exposure to sunshine. The listed etym. is ex *insolare*. eg. *Insolate* plants. + See *heliophyte*, *heliophile*.

insolatum: see *insolate*. cf. *Epidendrum insolatum*.

insolita: ref. *insolitus*: unaccustomed; unusual; strange; odd. cf. *Lepanthes insolita*.

insolitum: as *insolita*. cf. *Bulbophyllum insolitum*.

insopetala: *inso-*: probably a contraction of *insolitus*: unusual; odd, etc.(?) + *petals*. cf. *Cattleya insopetala* syn. *C. forbesii*.

insons: lit., innocent. cf. *Restrepipsis insons*.

insperata: ref. *in-*+ *speratus*: not expected; not hoped (for). cf. *Malaxis insperata*.

inspirator: looks familiar, but the etym. is: *in-*+ *spirator*, lit.: (one who) breathes in. Probably (on sighting): to gasp (with delight). cf. *Cypripedium* x *inspirator* Kerch.1894. Listed among the synonyms, without date, location, or "correct name".

instar: image; (having the) form (of); likeness. cf. *Pleurothallis instar*.

insulare: ref. *insula*: island + see *-are*: relative to. Doesn't exclusively live on an island and could be as *insular*: isolated; uncommon, etc. (?). cf. *Dendrobium insulare*. syn. *Flickingeria fimbriata*.

insulare-sylvatica: of an island + belonging to a forest. Listed as ex the Palau Islands (Carolines). cf. *Acriopsis insulare-sylvatica* Fukuyama 1938. syn. *Acriopsis liliifolia*. Pers.coll., see notes at *javanica*.

insularis: island + relative to. Noted it was first found on Hainan Island (see *hainanensis*). cf. *Malaxis insularis* T.Tang & F.T.Wang 1974.

insularum: of an island. Noted as ex Borneo. cf. *Ascocentrum insularum*.

insulicola: island + dweller; resident. Is listed to be from the Hebrides Islands, off west coast, Scotland. cf. *Gymnadenia conopsea* var. *insulicola*.

insulifloris: Lat'd. for place name, listed as ex Flores Island(s), Lesser Sunda Islands, Indon. Could also mean: (an) "island flower" cf. *Corybas insulifloris* P.Royen 1983.

insuloides: see *insulsum* + resembling. Was probably compared to *Bulbophyllum insulsum*. cf. *B. insuloides*. syn. *Bulbophyllum insulsum*.

insulsum: ref. *insulsus*: tasteless; uninspiring; insipid. cf. *Bulbophyllum insulsum*.

insusitatus: a lot of reading to find this one! A descwd., ref. *in-*: not + *usitatus*: usual. Unusual; odd; rare; strange; extraordinary, etc. The (s) in the middle is grammatical and an aid to pronunciation and of course, I was looking for: *in-*+ *susitatus*.

intacta: see *intactus*. cf. *Neotinia intacta*. syn. *N. maculata*.

intactum: as *intactus*. cf. *Aceras intactum*. syn. *Neotinea maculata*.

intactus: descwd.: untouched; undamaged; whole; entire.

itapetingense: from Itapetinga city, Bahia state, Brazil. cf. *Oncidium itapetingense* V.P.Castro & Chiron 2003.

integer: plain; whole; entire; sound; undamaged, etc. cf. *Monanthos integer*. syn. *Dendrobium integrum*.

integerrima: as *integer* + emphatic suffix: very; absolutely, etc. cf. *Oberonia integerrima*.

integerrimum: as *integerrima*. cf. *Catasetum integerrimum*.

integra: ex *integer*: entire; whole, etc. Ref. labellum margins being edentate. cf. *Caladenia integra*. Noted as endemic to West.Aust.

integrata: ex *integer* + suffix: (being) entire; whole; complete. cf. *Dactylorhiza integrata*. syn. *Dactylorhiza praetermissa*.

integri-: used in compwds., ex *integer*: entire; complete; plain; whole; sound, etc.

integrifolia: see *integrifolius*. cf. *Habenaria linearifolia* forma *integrifolia*. syn. *H. linearifolia*.

integrifolius: can be a descwd., see *integri-*+ leaf: plain leaf, ie. without any filaments (tails), papillae, notches, serrations, etc.

integrilabella: see *integri-*+ lip. cf. *Zeuxine integrilabella*.

integrilabia: see *integri-*+ lip. cf. *Octomeria integrilabia*.

integrilabium: see *integri-*+ lip. cf. *Dendrochilum integrilabium*.

integrilabris: see *integri-*+ lip, or see *labrum*: edge. cf. *Anoectochilus integrilabris*.

integripetala: see *integri-*+ petals. cf. *Habenaria integripetala*.

integrum: see *integri-*. Ref. the labellum. cf. *Dendrobium integrum*.

integrus: see *integri-*. cf. *Phlebochilus integrus*. syn. *Caladenia integra*.

inter-: used in compwds.: between; among; amid; with; enclosed by.

inter alia: Lat. phrase, seen in discussions: among other things.

intergeneric: between, or among two, or more genera.

interiorubra: has to be English + Latin: interior + *rubra*: red. cf. *Lepanthes interiorubra*.

interjacens: interjacent; to be between. cf. *Caladenia interjacens*. Endemic to West.Aust.

interjecta: ref. *interjectus*: carried between; intermediate. cf. *Flickingeria interjecta*.

interjectum: as *interjecta*. cf. *Dendrobium interjectum*. syn. *Flickingeria interjecta*.

intermedia: ref. *intermedius*: intermediate; in between. A famous one with this specep., ex the Philipp., cf. *Phalaenopsis* x *intermedia* Lindley 1852.

Intermediae: those in between. Listed as likened to both *Disa* and *Disperis*. = *Disa* section.

intermedium: intermediate; in between. A top example for this specep. is, *Dendrobium* x *intermedium* Schltr. A reported natcross of *D. lawesii* x *D. flammula*.

intermedius: intermediate; in between. cf. *Gastrochilus intermedius*.

intermixta: as *intermixtum*. cf. *Oerstedella intermixta*.

intermixtum: *inter-*: among, etc. + *mixtum*: mingled; mixed. cf. *Epidendrum intermixtum*. syn. *Oerstedella intermixta*.

internode: *inter-*: between + see node. The area between nodes on stems, or pseudobulbs. + Can also ref. to the rhizome between tuberoids (of terrestrials).

interrupta: ref. *interruptus*: broken apart; not continued; interrupted. cf. *Katherinea interrupta*. syn. *Epigeneium verruciferum*.

interruptum: as *interrupta*. cf. *Dendrobium interruptum*. syn. *Epigeneium verruciferum*.

interruptus: as *interrupta*. cf. *Corybas interruptus*.

inter se: having no education in Latin, I had no idea what this meant. lit.: among themselves. eg. An author referring to a trait, peculiar to the genus he is discussing.

intersitum: interposed. Ref. *intersero*, *intersere*: to interpose. Interposed: placed in between (as an intermediate species). cf. *Bulbophyllum intersitum*.

intersitus: as *intersitum*. cf. *Peltopus intersitus*. syn. *Bulbophyllum intersitum*.

interspecific: between, or among two or more species.

intertexta: interwoven; plaited. cf. *Phyllorkis intertexta*. syn. *Bulbophyllum intertextum*.

intertextum: as *intertexta*. cf. *Bulbophyllum intertextum*.

Intervallata: Ridley. Ref. *inter-*: between + ref. *vallum*: a rampart (defensive wall) + suffix: like; having. Ref. the strip of tissue between the anther and stigma (: the rostellum). syn. *Bulbophyllum Thouars*.

Intervallatae: as last entry (+ of). = *Bulbophyllum* section.

intervallatum: see *Intervallata*. cf. *Bulbophyllum intervallatum*. syn. *B. macrochilum*.

intonsa: ref. *intonsus*: unshaven (as: rough; bearded; hairy etc.). cf. *Pleurothallis intonsa*.

in toto: another Lat. phrase seen in discussions: in total; entirely; completely.

intra-: used in combwds.: towards the inside; within; inwards.

intra-generic: *intra-* + generic: of being within the genus.

intramarginal: just inside the margin(s) of.

intraspecific: within a single species.

intricata: ref. *intricatus*: entangled; puzzling; perplexing. cf. *Trichosalpinx intricata*.

intricatum: as *intricata*. cf. *Bulbophyllum intricatum*.

intricatus: as *intricata*. cf. *Podochilus intricatus*.

introduced: brought in. Similar to exotic, ie. not a native.

introgressed, *introgression*: ref. *introgressum*: to step in. Seen in discussions: the action of conspecific species mixing, interbreeding and backcrossing, creating a plethora of hybrids. + See hybrid swarm.

introgressive hybridization: see *introgressed*, *hybrid*, etc.

introrsa: see *introrse*. cf. *Disa introrsa*.

introrse: ref. *introrsus*: toward the inside; directed, or bent inwards.

intrudens: *in*: into + ref. *trudens*: pushing; thrusting. Or, can be as in English: intruding. cf. *Habenaria intrudens*.

intrusa: ref. *intrusus*: intrude; intrusive, etc. cf. *Epipactis intrusa*. syn. *E. helleborine*.

intuta: *in*-+ ref. *tutus*: insecure; unsafe, etc. Perhaps the author had doubts as to its identity (?). cf. *Orchis* x *intuta* Beck. syn. x *Orchigymnadenia regeliana*.

inunctum: ref. *inunctus*: anointed. Glossy, as if oiled. cf. *Bulbophyllum inunctum*.

inundata: not + see *undata*: not wavy. cf. *Liparis inundata*. syn. *L. nervosa*.

invenusta: unattractive. + See *venusta*. cf. *Masdevallia invenusta*. syn. *M. delphina*.

inversa: see *inverse*. cf. *Phreatia inversa*. syn. *P. limenophylax*.

inverse: ref. *inversus*: turned upside down; turned about; inverted.

inversiflora: *inverse* + *flowers* (+ see *non-resupinate*). cf. *Oberonia inversiflora*.

inversum: see *inverse*. cf. *Bulbophyllum inversum*.

inversus: see *inverse*. The flowers are *non-resupinate*, so they look “upside-down” (but, in fact they are the right way up, see *resupinate*). cf. *Anochilus inversus*.

inverta: inverted. cf. *Chamaegastrodia inverta*.

invertebrate(s): a creature, without a vertebral, or spinal column (: *back-bone*). For cross-reference, see *pseudohydra*.

inverted: same as *inverse*.

invisum: has multiple meanings: *visit*; *inspect*,+ *detestful*; *hateful*,+ *unseen*. (?). cf. *Bulbophyllum invisum*.

in vivo: another Latin phrase, lit.: in a living (thing). Happening within itself. Noted this in a discussion, ref. to self-pollination.

involucrum, *involucral*: ref. *involucrum*: a wrapper; envelope. Usually a closely set collection of bracts, in the form of a whorl around an umbel, or other dense inflo. Or, can be called a “sheath”, esp. surrounding pseudobulbs, etc. From one description, I noted: “... the involucral leaves surrounding the rhizome”. *Involucral*: of, or like an *involucrum*.

involuta: ref. *involutus*, lit.: complex; entangled; intricate, but also see *involute*. cf. *Habenaria involuta*. syn. *H. schimperiana*.

involute: rolled inwardly, or spirally. Having each half of an organ rolled towards the axis.

involutum: see *involuta*, *involute*. cf. *Dendrobium involutum*.

inyangensis: for place name: from Mount Inyangani, central Zimbabwe. cf. *Eulophia inyangensis* Summerh.1937. syn. *E. monticola* (: *mountain* + *dweller*).

inzengae: listed for place name (+ of). Among the many countries where this species is found, noted a few towns of Austria and Germany, called Inzing (?). cf. *Ophrys inzensgae* Nyman. syn. *O. bertolonii*.

io: cf. *Cypripedium* x *io* Rchb.f. syn., simply infers it's beautiful. *Io* was the very beautiful daughter of *Inachus*: in Gk.myth., the god of streams (perhaps it was first found near a stream and it is lovely, hence, *Io*). I have noted Rchb.f. often followed Prof.Lindley's numerous use of myth. characters, particularly to express beauty.

With very few exceptions, all the “gods” are portrayed as being incomparably beautiful. Other authors use their names as well, for many varied reasons.

ioanninensis: from Ioánnina (aka., Yannina; Janina) city, of Epirus, n.west Greece. cf. *Ophrys* x *ioanninensis* B.& E.Willing.

iodantha: ref. *iodes*: violet-like (colour) + flower. cf. *Trichotosia iodantha*.

iodochilus: violet-like (colour) + lip. cf. *Thrixspermum iodochilus*.

ionantha: ref. *ion*: violet (colour) + flower. cf. *Pleurothallis ionantha*. syn. *P. tridentata*.

ionanthera: violet (colour) + flower, or see anther (?). cf. *Fernandezia ionanthera*.

ionanthus: see *ionantha*. cf. *Zosterophyllum ionanthus*. syn. *Pleurothallis ionantha*.

Ione: Lindley 1853: could be for “beauty”. Reported as ex Gk.myth., Ione was a beautiful sea-nymph. But, may also be for violet (colour). syn. *Sunipia* Buch.-Ham.ex Sm.

x *Ionettia*: auct. On the syn. list, cf. *Comparettia* x *Ionopsis*.

ionica: listed as Lat’d. spelling: belonging to the Ionian Islands, off the west coast of Greece. Or, refs. to *Ionía*: an ancient district of Asia Minor (Turkey) that bordered the Aegean Sea (?), both countries are noted in the distribution). Probably the latter, as it’s amazing the wealth of orchids that come from this region. cf. *Serapias ionica* (E.Nelson) H.Baumann & Künkele 1988. syn. *Serapias orientalis*.

ionides: descwd.: violet + resembling. Mostly for the colour, listed as similar to *violaceus*.

Ionobulbon: Schltr.& Kraenzl.: violet + bulb. eg. *Ionobulbon munificum*.

ionocentra: violet + centre, or spur (? see *centr*-). cf. *Prosthechea ionocentra*.

ionocentrum: as *ionocentra*. cf. *Epidendrum ionocentrum*. syn. *Prosthechea ionocentra*.

ionocharis: violet + *-charis*: grace; loveliness; pleasure, etc. cf. *Polystachya ionocharis*. syn. *P. melanantha* (: “black” + flower).

x *Ionocidium*: auct. On the syn. list, cf. *Ionopsis* x *Oncidium*.

ionodesme: violet + ref. *desmis*: bundle. cf. *Epidendrum ionodesme*.

ionodon: violet + tooth (teeth?). cf. *Oncidium ionodon*. syn. *Cyrtorchilum falcipetalum*.

ionoglossa: violet + tongue. cf. *Cleistes ionoglossa*.

ionoglossum: violet + tongue. cf. *Dendrobium ionoglossum*. In PM.PNG., we called it this, but Qld., Aust. said it’s *D. tofftii* and both are syn. to *D. nindii*. Pers.coll., a magnificent and majestic species by any name! See sketch and notes at “N”.

ionoleuca: violet + see *leuc*-: white, or pale (?). cf. *Cochleanthes ionoleuca*.

ionoleucum: as *ionoleuca*. cf. *Zygopetalum ionoleucum*. syn. *Cochleanthes ionoleuca*.

ionophlebia: violet + see *-phlebia*: vein(s), etc. cf. *Encyclia ionophlebia*. syn. *Prosthechea chacaoensis*.

ionophlebium: as *ionophlebia*. cf. *Epidendrum ionophlebium*. syn. *Prosthechea chacaoensis*.

ionophyllum: violet + leaf. cf. *Bulbophyllum ionophyllum*.

ionopogon: violet + beard. cf. *Telipogon ionopogon*.

ionops: violet + see *ops*: face; eye; appearance. cf. *Oncidium ionops*. syn. *O. heteranthum*.

Ionopsidinae: see *Ionopsis* + suffix denotes it’s a subtribe.

Ionopsis: Kunth 1816: *ion* + *-opsis*: violet + appearance. ex Ecuador, eg. *Ionopsis papillosa*.

ionopectera: violet + wing(s?). cf. *Lepanthes ionopectera*.

ionopecterum: violet + wing(s?). cf. *Oncidium ionopecterum*.

ionophthalmum: violet + ref. *ophthalmos*: eye. cf. *Trichocentrum ionophthalmum*.

ionopus: violet + footed. Has purple-violet blotches at the base (: the foot) of the lip. cf.

Dendrobium ionopus.

Ionorchis: Beck 1890: violet + see orchid. syn. *Limodorum* Boehm.

ionosma: violet + ref. *osme*: perfume. cf. *Trichoglottis ionosma*. syn. *Staurochilus ionosmus*.

ionosmum: violet + perfume. cf. *Cleisostoma ionosmum*. syn. *Staurochilus ionosmus*.

ionosmus: violet + perfume. cf. *Sarcanthus ionosmus*. syn. *Cleisostoma odoratum*.

ioplocon: *io(n)*: violet + ref. *plocos*: bound; woven; curl; lock (of hair); braid; wreath. cf.

Cyrtorchilum ioplocon.

iota: ninth letter of the Greek alphabet, resembling our letter: I, i. + Can be for anything very small. cf. *Pleurothallis iota*.

ipanemense: for place name: from Ipanema, near Rio de Janeiro city, sthn. Brazil. cf.

Bulbophyllum ipanemense Hoehne 1938.

Ipsea: Lindley 1831: ref. *ipse*: (its) self + of. Possibly infers that it is unique (?). ex sthn.

India and Sri Lanka, eg. *Ipsea speciosa*.

ipyanae: of Ipyana (village), Tanzania, Africa. cf. *Habenaria ipyanae* Schltr.1915. syn.

Platycoryne buchananiana.

ipyrangana: belonging to Ipiranga city, Paraná state, Brazil. cf. *Pleurothallis ipyrangana* Schltr.1926.

irapana: belonging to Irapa city, Sucre state, Venezuela. cf. *Masdevallia irapana* H.R.Sweet 1978.

irapeanum: belonging to Irapeo (village), Michoacan state, sthn. Mexico. cf. *Cypripedium irapeanum* Lex.1825.

irayense: for place name: from Mt.Iraya, Batan Island, Philipp. cf. *Dendrobium irayense* Ames & Quisumb.1934.

irazuensis: from Volcán Irazú (volcano) of Cartago Prov., Costa Rica. cf. *Cranichis*

irazuensis Schltr.1923. syn. *Cranichis antioquiensis*.

iricolor: see iris + colour (: rainbow coloured?). cf. *Cattleya iricolor*.

iridescens: ref. *iridis*, *iridos*, see iris + suffix: tending to; becoming. This species has variable flowers and with some, you could say it's for the colours of a rainbow. One major ref., in an English description, mentions an iridescence (3, or 4 times) to the floral segments. ex Aust. and NZ., cf. *Caladenia iridescens*.

iridifolia: see iris + leaf. cf. *Eria iridifolia*.

iridifolium: see iris + leaf. cf. *Cymbidium iridifolium*. syn. *C. madidum*. Noted as endemic to eastn. Aust.

iridifolius: see iris + leaf. cf. *Ornithocephalus iridifolius*.

iridioides: see iris + resembling. cf. *Thelymitra iridioides*. syn. *T. ixioides*. Noted as endemic to eastn. Aust.

Iridorchis: Blume 1859: see iris + orchid. Ref. the leaves. syn. *Cymbidium* Sw.

Iridorchis: see iris + see orchid.= *Cymbidium* section.

Iridorkis: Thouars 1809: see iris + orchid. Probably for the leaves. syn. *Oberonia* Lindl.

irigense: from Iriga. Ref. Mt.Iriga, and/or the town, Iriga, of Luzon Island, Philipp.(?). cf.

Dendrochilum irigense Ames 1915.

irigensis: as *irigense*. cf. *Appendicula irigensis* Ames 1923.

iringana: belonging to Iring, a city of central Tanzania, east Africa. cf. *Stolzia compacta* ssp.*iringana* P.J.Cribb 1978.

iriomotensis: for place name: from Iriomote Island, of the Ryukyu group (Nansei-shoto) sthn. Japan. cf. *Microstylis iriomotensis* Masam.1934. syn. *Malaxis bancanoides*.

iris: a separate entry to save much repetition for the many refs. to this plant. Listed as orig. ref. *iridos*, *iridis*: rainbow. + Ref. Gk.myth., Iris: the very beautiful goddess of the rainbow and a messenger to the gods. An iris has sword-like leaves, large, showy, multi-coloured flowers and grows from bulbs, or tuberous rhizomes. The iris family: *Iridaceae*, includes: Iris, Crocus, Freesia, Gladiolus, etc. Words beginning with *irid-*, *iridi-* (iris-like) can be for having many colours (not necessarily all the colours of the rainbow). Or, for having some organ(s), or part(s) likened to those of an iris.

iris: see iris. With these authors, is probably for the goddess and "beauty". ex Venezuela, cf. *Masdevallia iris* Luer & R.Escobar 1982.

irisphyta: see iris + ref. *phyton*: plant. cf. *Dicrypta irisphyta*. syn. *Maxillaria valenzuelana*.

irrasa: *ir-*: not + ref. *rasus*: scraped, or shaven. cf. *Lepanthes irrasa*.

irregularis: irregular; deviating from normal. Ref. column mid-lobe. cf. *Thelymitra irregularis*. Noted as endemic to s.east Aust.

irritabilis: extremely sensitive; excitable; irritable. Noted it refs. to the labellum which is often easily dislodged, presumably by a visiting (heavy) insect. cf. *Arthrochilus irritabilis*. (Note, *Arthrochilus*: joint; jointed + lip.).

irritable: a general term: very sensitive to external stimulus. A good example is the sensitive weed, a type of Mimosa (of interest, see *mimusops*). Stroke it with your finger and watch the leaves fold quickly into the axis, fascinating! Noted from a description, *irritabilis* applied to a species that had a highly mobile labellum, sensitive to the slightest air movement, it speedily vibrates. Irritable can also imply an extreme sensitivity for a plant's environmental factors, eg. sun versus shade; wet v.dry; hot v.cold; windy, or not, etc. This can often be the cause of a plant's demise in an attempt at domestic cultivation. eg. Bring a plant down from say, 1700 metres to sea level and without super special care, watch it expire, very quickly!

irrorata: *ir-*: in + ref. *roris*: dew + like; having. Having dew-like drops on the surface, or can be small rounded lumps (likened to dew). + See irrorate. cf. *Oberonia irrorata*.

irrorate, *irroration*: + see *irrorata*. A phenomenon not confined to orchids. The act of moisture loss of a plant, like it's perspiring. Some refs. say it's a plant's means of disposal of excess products and waste. Sometimes, easy to notice if your plants are sheltered, eg. in a greenhouse, esp. early morning when some can look as if covered in dew. No cause for alarm, it actually shows they are healthy. Not all plants irrorate through their leaves, many do so from the lower stem and roots and so the process is unseen. First saw this many years ago with my little jewel orchids (see "J") and it had me completely baffled, it was almost impossible to be "dew" and at last, I have the answer: irroration!

irroratus: as *irrorata*. cf. *Phaius x irroratus* Rchb.f.

irsoniana: cf. *Pterostylis irsoniana* Hatch 1950, listed as endemic to NZ., ex Mt.Egmont, Nth.Island. Noted the specep. is an acronym from the surnames of two colleagues and fellow botanists, James Bruce Irwin (*ir-*) and O.E.Gibson (*-son*) + belonging to.

irwiniana: listed for orig.coll., J.Irwin (+ belonging to). ex Minas Gerais state, Brazil. cf. *Scuticaria irwiniana* Pabst 1973.

irukandjiana: listed to be for the local aboriginal people of Trinity Bay, nth. Qld., Aust. (+ suffix: belonging to). cf. *Eria irukandjiana* St.Cloud 1955.

irukandjianum: as *irukandjiana*. cf. *Bryobium irukandjianum* (St.Cloud) M.A.Clem.& D.L.Jones 2002. syn. *Eria irukandjiana*.

Isabelia: Barb.Rodr.1877. Listed for Doña Isabel, Comptessa d'Eu. Patron of science & floriculture in Brazil. Of interest, see the entry for her husband at *Orleanesia*. eg. *Isabelia virginialis*.

isabelianum: most likely, belonging to Isabel, see *Isabelia*. It's also possible, from the given location, could ref. to Santa Isabel do Pará (city), and/or Santa Isabel (village), both of Pará state, Brazil (?). cf. *Selenipedium isabelianum* Barb.Rodr.1874.

isabella: I have never seen any attempted explanation for this specep. and it is possible it may be for some lady's given name. My idea is, because of the author and the specep. doesn't have a suffix and it's also a cross, it may be: *isa-* (see *iso-*): equal + *bella*: (of) beauty. Perhaps meaning it's equally as beautiful as the parents. ex Brazil, listed as a natcross of *Cattleya forbesii* x *C. intermedia*, cf. *Cattleya* x *isabella* Rchb.f.1859.

isaloensis: listed for place name: from Isalo, Madagascar. cf. *Aeranthus henrici* var. *isaloensis* H.Perrier.

x *Isanitella*: Leinig 1971. Had all sorts of strange ideas for this and then noted the parents. As it's a cross of *Isabelia* x *Sophronitella*, the name may have this derivation (?). eg. x *Isanitella pabstii*. Listed as monotypic in Brazil.

isaura: is listed to be for a place name ex the Taurus Mtns., sthn. Turkey. Or maybe, *isa-* (: *iso-*) + *-ura*: equal + tails, or tailed (?). cf. *Ophrys isaura* Renz & Taubenheim 1980.

-isca, *-iscus*: used with combwds.: dimin.; small. eg. see *cotylicsa*.

ischna: see *ischno-*. cf. *Eulophia ischna*.

ischno-: used in compwds., ref. *ischnos*: slender; slim; thin; withered; weak, etc.

Ischnocentrum: Schltr.1912: see *ischno-*+ *centrum*: spur. eg. *Ischnocentrum myrtillus*.

Ischnogyne: Schltr.1913. see *ischno-*+ *gyne*: woman. Ref. the thin column and stigma. eg. *Ischnogyne mandarinorum*. Noted as monotypic to central China.

ischnopetalum: see *ischno-*+ *petals*. cf. *Diplocaulobium ischnopetalum*.

ischnophyton: see *ischno-*+ *phyton*: plant. cf. *Diplocaulobium ischnophyton*.

Ischnopus: see *ischno-*+ *foot*. Ref. the peduncle.= *Bulbophyllum* section.

ischnopus: see *ischno-*: weak, etc.+ *foot(ed)*. cf. *Bulbophyllum ischnopus*.

ishigakensis: from Ishigaki Island, of the Ryukyu group (Nansei-shoto, Japan). cf. *Microstylis ishigakensis* Ohwi 1937. syn. *Malaxis ophrydis*.

ishorica: from the given location, may be: belonging to Ishory (: Isorai), a town of Jonavos, Lithuania (?). cf. *Dactylorhiza* x *ishorica* Aver.1986.

Isias: DeNot.1844. Reported to be for Isis: the supreme Egyptian goddess; “mother of all things”; wife and sister of Osiris. syn. *Serapias*.

isidrense: from San Isidro city, Lima Department, Peru. cf. *Oncidium isidrense* Chiron 2002.

islandica: Lat’d. spelling: belonging to *Islandia*: Iceland. Was listed as simply: “from Scandinavia”. cf. *Dactylorhiza maculata* ssp. *islandica* (Á.& D.Löve) Soó 1962.

islandicum: as *islandica*. cf. *Coeloglossum islandicum* (Lindley) Kom.1927. syn. *Dactylorhiza viridis*.

islandicus: as *islandica*. cf. *Peristylis islandicus* Lindley1835. syn. *Dactylorhiza viridis*.

iso-: used in compwds., ref. *isos*: equal; same; even; level; like.

isoantha: see *iso-*+ flower, or see anther (?). cf. *Habenaria isoantha*.

isocetes: was noted as ref. to *Lepanthes isocetes*. There isn’t any official listing, as such, so it has to be an error for *Lepanthes isosceles*. However, *isocetes* could be used as a specep. and would probably trans. to: ref. *iso-*: equal + *kele*: swelling; tumor.

isochila: see *iso-*+ lip. cf. *Eria isochila*.

Isochilae: see *iso-*+ lip. Infrs: (those having) a lip equal to the other segments.= *Stelis* section. syn. *Stelis* section *Stelis*.

Isochiloides: equal + lip + resembling. Or, could be *Isochilus* + resembling (?).= *Polystachya* section.

isochiloides: see *Isochiloides*, but was listed as *Isochilus* + resembling (?). cf. *Dendrobium isochiloides*.

Isochilos: Spreng.1826, see *Isochilus*. syn. *Isochilus*.

isochilum: see *iso-*+ lip. cf. *Epidendrum isochilum*. syn. *Encyclia isochila*.

Isochilus: R.Br.1813: equal + lip. Noted the lip is usually equal to the sepals. ex Mexico, eg. *Isochilus bracteatus*.

isoetifolia: infrs a leaf (-*folia*) was likened to the genus *Isoetes* (family: *Isoetaceae*), closely related to ferns and commonly called quillwort. cf. *Platycoryne isoetifolia* P.J.Cribb.

isoglossa: see *iso-*+ tongue. cf. *Appendicula isoglossa*.

isolectotype : *iso-*: equal + see *lectotype*. A herbarium specimen, equivalent to and can be substituted for, the *lectotype*. + Can be equal to a *holotype*.

isomerum: equal + see -*mera*: parts cf. *Epidendrum isomerum*.

isopetala: equal + petals. cf. *Cattleya isopetala*. syn. *C. forbesii*.

isopterum: equal + wing. cf. *Oncidium isopterum*.

isos: equal, etc. See *iso-*. cf. *Masdevallia isos*.

isosceles: in English, *isosceles*: having two equal sides (said to be, of a triangle). Ref. *iso-*: equal + *skelos*: leg and here, may ref. to floral segments, or two organs, or parts likened to legs (?). cf. *Lepanthes isosceles*.

isosepala: equal + sepals. cf. *Renanthera isosepala*.

isosyntype: equal + see *syntype*. A herbarium specimen chosen as equal to a *syntype*.

Isotria: Raf.1808: *iso*-: equal + *tria*: group of three. Ref. the sepals, the median is virtually equal to the laterals. Listed as ex central and eastn. USA., eg. *Isotria verticillata*.

isotype: equal + type. A herbarium specimen: a designated duplicate to the holotype.

israelitica: belonging to the Israelites. ex nthn. Israel, cf. *Anacamptis israelitica* (H.Baumann & Dafni) R.M.Bateman, Pridgeon & M.W.Chase 1997.

issanensis: for place name (+ from) listed as ex Amazonas state, Brazil. Could only find Issano, a town near the Mazaruni River, Guyana (?). cf. *Catasetum x issanensis* Pabst 1975.

-issima, -issimum, -issimus: emphatic suffixes: absolutely; positively, etc., usually I just say: very. eg. *pulcherissima*: very lovely, etc.

isthmi: listed as ex Panama, this could be for the Panamanian isthmus, but also see isthmus. cf. *Stelis isthmi* Schltr.1922.

isthmica: isthmus + belonging to. Noted, this one is listed as from the isthmus of Panama. cf. *Pleurothallis isthmica* Luer 1977.

isthmiferum: see isthmus + see -fer: bearing. cf. *Diplocaulobium isthmiferum*.

isthmii: as it's from Panama, I said "easy, it's for the Panamanian isthmus". But, the description notes the narrow isthmus of the lip, between the epichil and the hypochil (see isthmus). cf. *Epidendrum isthmii*.

isthmus: ref. *isthmos*: neck; neck of land. A narrow strip of land flanked by water, which joins two larger land areas. Bot.: the narrow mid section, where an organ has two broad, or swollen areas and is joined by a smaller central part. A good example, see *isthmii*.

istriaca: belonging to the Istria Peninsula, westn. Croatia. cf. *Serapias istriaca* Perko 1998.

itaculumia: was listed as: refs. to the Serra do Itaculumi (mtn. range), Minas Gerais state, Brazil. Can't locate it, but in this state, noted Itacolomi, a minor city (?). cf. *Habenaria itaculumia* Garay 1951.

Itaculumia: Hoehne 1936: see *itaculumia*. syn. *Habenaria* Willd.

italica: belonging to Italy. cf. *Orchis italica* Poir.1798.

itambana: for place name: Pico do Itambe (mtn. peak) + belonging to, Minas Gerais state, Brazil. cf. *Sophronitis itambana* (Pabst) Van den Berg & M.W.Chase 2000.

itararensis: for place name: from the Itarare River (area, west of São Paulo, city), Brazil. cf. *Sarcoglottis itararensis* (Kraenzl.) Hoehne 1945.

itatiaiae: of Itatiaia, see *itatiaiensis*. cf. *Cleistes itatiaiae* Pabst 1955.

itatiaiensis: for place name (+ from), only listed as ex s.east Brazil. Ref. Itatiaia, there are a few places with this name (a mtn., town, village and a N.Park), in Minas Gerais and Rio de Janeiro states. cf. *Cyclopogon itatiaiensis* (Kraenzl.) Hoehne 1945. + See next entry.

itatiayae: see *itatiaiensis*, although this one is definite and is listed as, of Itatiaia: *Pico das Agulhas Negras* (mtn. peak), on the border of Minas Gerais and Rio de Janeiro states, Brazil. cf. *Pelexia itatiayae* Schltr.1930.

itchetuckneensis: for place name (+ from), listed as ex Florida, USA. Couldn't locate it, but noted Hitchapukassi Itchepuksassa (: Hitchapuksasse), a small town of Polk,

central Florida. Perhaps the first part of the specep. is a contraction (and more, or less made easier to pronounce?). cf. *Spiranthes x itchetuckneensis* P.M.Br.1999.

-ite, -ites: used with compwds.: like; having the nature of. Or, can be denoting a close connection; a descendant; follower; of; relative to.

iterans: iterating; repeating; renewing. cf. *Bulbophyllum iterans*.

iteratum: ref. *iteratus*: repeated, + can be: renewed. cf. *Dendrobium iteratum*.

itirapinensis: from Itirapina city, São Paulo state, Brazil. cf. *Scuticaria itirapinensis*. Pabst 1973.

itoana: belonging to Ito. Listed as ex n.west Honshu, probably refs. to Ito city, of Shizuoka-ken (prefecture). cf. *Oreorchis itoana* (F.Maek.) Perner 2004.

ituriense: Ituri + origin; from. Could be for the Ituri Forest people (aka., Mbuti, or Bambuti Pygmies). Or ref. the Ituri River (: Aruwimi River) of n.east Congo (DRC.), Africa. cf. *Bulbophyllum ituriense* De Wild.1921. syn. *B. lupulinum*.

ituriensis: see *ituriense*. This one is listed as "Ruwenzori. N.East Zaire" (see *ruwenzoriensis*). cf. *Habenaria ituriensis* (Szlach.& Olszewski) ined.

-ium, -ius: used with combwds., mostly: like; having the quality, or nature of. Also can be a dimin. indicating smallness in some way.

-iva, -ivum, -ivus: suffixes used in combwds. Denotes: like; of, or relative to; having the nature, or quality (of); the state, or condition (of). eg., See *vexativa*.

ivorens: from Ivory Coast (*Côte d'Ivoire*), west Africa. cf. *Bulbophyllum ivorense* P.J.Cribb & Pérez-Vera 1975.

iwatsukae: for surname of phytologist and author, Kunio Iwatsuki (b1934). ex Bolivia, cf. *Stelis iwatsukae* T.Hashim.1976.

ixioides: listed as ref. *Ixia* (: of a grub), a Sth.African plant of the iris family (see iris) + resembling. To lit.trans. *ixioides*, ref. *ix*: a kind of grub + resembling. cf. *Cyanicula ixioides*. Noted as endemic to West.Aust.

ixtlanensis: for place name: from Ixtlán de Juárez, a town of Oaxaca state, Mexico. cf. *Habenaria ixtlanensis* E.W.Greenw.1987.

iyoensis: for place name: from Iyo, a nthn. coastal city of Ehime-ken Prefecture, Japan. cf. *Habenaria iyoensis* (Ohwi) Ohwi 1936.

izu-insularis: for place name: (of) the islands of Izu-shoto, south of Honshu Island, Japan. cf. *Calanthe izu-insularis* (Satomi) Ohwi & Satomi 1965.

Inflorescences

A separate section, as there are so many different kinds. However, am only discussing those relevant to orchids.

Throughout the text, I often abbreviate the word inflorescence to inflo(s.). The word is combined from *in* + *florescere*: to come into flower and is accr. to Linnaeus (see "L").

A note on my diagrams: I had decided that this was the easiest and simplest way of depicting them, long before I noted some other authors had used, virtually the same sketches.

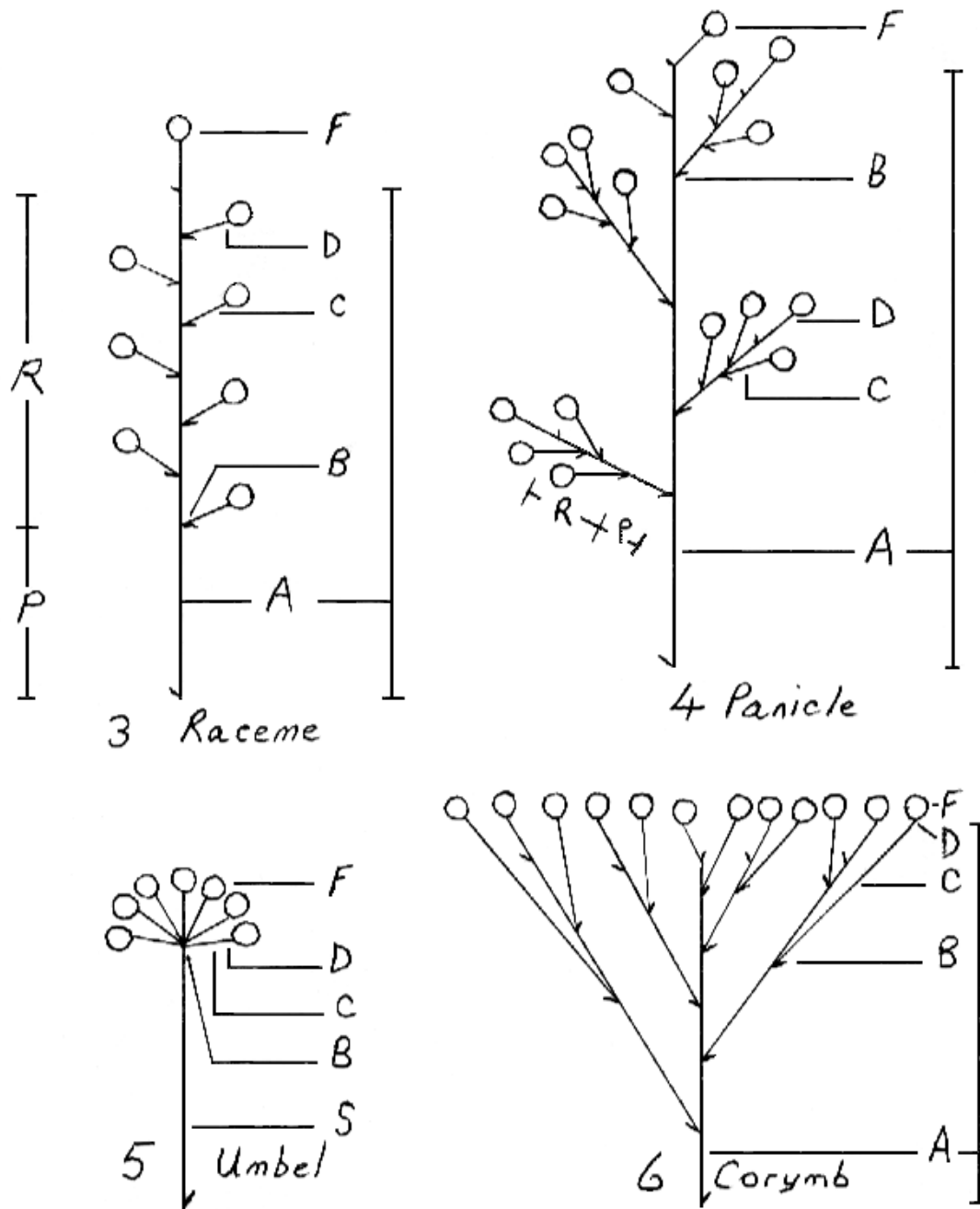
Also, many of the words used in the following, are further explained in the main text.

- (1) inflorescence: is used generally, for when referring collectively to the flowers and their supports. Any flowering system consisting of more than one flower (see monanthous), on a growth arising from the rest of the plant.
- (2) indeterminate inflorescence: is not bound by limits. The axis and other parts can be short, medium, or long. A good example is, from one area, one species may always be a small plant with about 5 to 9 flowers and yet the same species from elsewhere, the plant is larger with a longer inflo. and perhaps double the number of flowers.
- (3) raceme: a racemose inflo. in which the flowers are formed on pedicels, on the rachis of the axis. Usually the flowers alternate, spiral, or in some cases, can all be on the one side. A raceme can be known as an "indeterminate inflorescence" and is comprised of:-
 - (A) axis: ref. *axis*: an axle. The main stem of a raceme, also being the peduncle and the rachis.
 - (B) axil: the upper angle formed by the junction of a bract with the rachis.
 - (C) pedicel: the stalk (which develops in an axil), from an axis, attaching individual flowers to the rachis.
 - (D) ovary: the upper part of the pedicel, below the flower. Contains the ovules and when fertilized, becomes the capsule.
 - (F) flower: consists of the column, sepals, petals and labellum, etc.
 - (P) peduncle: the section of the axis up to the first flower.
 - (R) rachis: the section of the axis bearing the flowers. ie. From the first pedicel to the apex of the raceme.
- (4) panicle: a loosely and irregularly branched inflo. Each branch is a raceme of its own and the peduncles, alternating (or, spiralling) from the axis, can be long and spreading, or relatively short. A panicle is comprised of:- (A) axis + (B) axil + (C) pedicel + (D) ovary + (F) flower + (P) peduncle + (R) rachis. Explanations for parts, see above.
- (5) umbel: this word is orig. from *umbella*: a little shade (+ a parasol), as it's often fancifully likened to an umbrella (shape). The main support is the scape (see "S") and the flowers all come from its apex. (The pedicels are likened to the spokes of

the umbrella.). An umbel is comprised of:- (S) scape + (B) axil (could be termed axillae: plural?) + (C) pedicel + (D) ovary + (F) flower. Explanations for parts, see above.

- (6) corymb: usually an erect inflo. with the lower flowers having longer longer pedicels so that all flowers are on (about) the same level, forming a flat-topped cluster. A corymb is comprised of:- (A) axis + (B) axil + (C) pedicel + (D) ovary + (F) flower + (P) peduncle + (R) rachis. Explanations for parts, see above.
- (7) spike: can have few well-spaced, or many closely packed, sessile, or sub-sessile flowers on an elongated axis. A spike is comprised of:- (A) axis + (B) axil + (D) ovary + (F) flower + (P) peduncle + (R) rachis. Not necessary to diagram this one. Explanations for parts, see above.
- (8) monanthous: one + flowered. Is very simple and consists of a scape: a type of flower stem, that is a floral axis arising from a rhizome, or often from under a pseudobulb. Again a diagram is not necessary.

Inflorescences



jaapii: of Jaap. For the given name of phytologist, orchidologist and prolific author, Jaap J.Vermeulen. His papers, particularly on *Bulbophyllum* species, are absolutely brilliant. Descs. accr. to him are abbr. to: J.J.Verm. ex Cameroon, Africa, cf. *Bulbophyllum jaapii* Szlach.& Olszewski 2001.

jabiense: for place name: from the Jabi Range, near Geelvink Bay, Papua, Indon. cf. *Dendrobium jabiense* J.J.Sm.1915.

jabiensis: as *jabiense*. cf. *Aglossorhyncha jabiensis* J.J.Sm.1915.

jacarepaguaensis: from Jacarepaguá. Have noted a lake and a suburb, with this name, in Rio de Janeiro city, Brazil. cf. *Pleurothallis jacarepaguaensis* Barb.Rodr.1881.

jackinpyxa: had this in the "too hard basket" for some time, until I realised it's English + Latin: "jack-in-(a) box" (ref. *pyxis*: box). Listed as ex Ecuador, cf. *Lepanthes jackinpyxa* Luer & Hirtz 1987.

jacksonii: of Jackson. Listed for botanist and author, Raymond Carl Jackson (b1928). ex Great Britain, cf. x *Dactylodenia jacksonii* (Quirk) ined.

Jacobsonia: of Jacobson, see *jacobsonii*. = *Bulbophyllum* section. syn. *Bulbophyllum* section *Aphanobulbon*.

jacobsonii: listed for orig.coll., botanist N.Jacobson (+ of). ex Sumatra, cf. *Bulbophyllum jacobsonii* J.J.Sm.1935. syn. *B. plumatum*.

jacquemontii: listed for botanist, naturalist and author, V.Jacquemont [+ of] (fl. mid 1800s). cf. *Corallorrhiza jacquemontii* Decne.1844. syn. *C. trifida*.

jacquetii: listed for orig.coll., botanist and author, M.Jacquet (+ of). ex Langbian, Vietnam, cf. *Bulbophyllum jacquetii* Gagnep.1930. syn. *Sunipia dichroma*.

jacquinianum: as *Jacquiniella* (+ different suffix: belonging to). ex the central Americas, cf. *Oncidium jacquinianum* Garay & Stacy 1974. syn. *O. baueri*.

Jacquiniella: Schltr.1920. Listed for naturalist, author and phytologist, Nicolaus (Nicolaas?) von Jacquin (1727-1817) +-ella: respectful suffix. Prof. of Botany & Chemistry and Director of the Vienna Univ.Gardens. Descs. accr. to him are abbr. to: Jacq. ex the central Americas, eg. *Jacquiniella globosa*.

jacquinii: see *Jacquiniella*. ex Europe, cf. *Orchis* x *jacquinii* Godr.1844. syn. *O. x hybrida*.

jaculifera: ref. *jaculum* (*iaculum*): javelin, or light spear. Another ref. notes it can also be for a fishing net. + See *fer-*: bearing. cf. *Pleurothallis jaculifera*.

jadunae: listed for place name: Jaduna (village) on the Waria River, Morobe, PNG. cf. *Bulbophyllum jadunae* Schltr.1913.

jaguariahyvae: for place name: of Jaguariaíva (aka. **Jaguariahyva**), Brazilian Highlands, Paraná state, Brazil. cf. *Bulbophyllum jaguariahyvae* Kraenzl.1921.

jainiana: possibly, an oblique ref. to the species origin: belonging to the Jains: a religious sect of many Indian peoples. Or, may ref. to phytologist and author, S.K.Jain (?). Listed as ex Arunachal Pradesh, India, cf. *Biermannia jainiana* S.N.Hedge & A.N.Rao 1985.

jainii: as *jainiana*. ex Arunachal Pradesh, cf. *Sunipia jainii* Hynn.& Malhotra 1978.

jajense: listed for place name: from Jajó (village), Trujillo state, Venezuela. cf. *Epidendrum jajense* Rchb.f.1854.

jalapensis: from Jalapa city, and/or of Jalapa Prov., Guatemala, cf. *Pleurothallis jalapensis* (Kraenzl.) Garay 1986.

jaliscana: belonging to Jalisco state, central westn. Mexico. cf. *Habenaria jaliscana* S.Watson 1887.

jaliscanum: as *jaliscana*. cf. *Stenorrhynchos jaliscanum* (S.Watson) Nash 1895. syn. *Sacoila lanceolata*.

jamaicense: from Jamaica, W.Indies. cf. *Epidendrum jamaicense* Lindley 1853.

jamaicensis: as *jamaicense*. cf. *Trichopilia jamaicensis* Fawc.& Rendle 1910. syn. *Leucohyle subulata*.

Jamaiciella: Braem 1980: Jamaica + respectful suffix. syn. *Oncidium* Sw.

jamboeensis: for place name (+ from), listed as ex Zamora Chinchipe Prov., Ecuador. cf. *Platystele jamboeensis* Luer & Hirtz 1992.

jamboensis: as *jamboeensis*. cf. *Maxillaria jamboensis* Dodson 1994.

jamesianum: belonging to James. Listed for James Veitch of the famous Eng. nurserymen, Veitch & Sons (see *veitchii*). ex India, Indo-China to China, cf. *Dendrobium jamesianum* Rchb.f.1869. syn. *D. infundibulum*.

janeirense: from Rio de Janeiro (state), Brazil. cf. *Oncidium janeirense* Rchb.f. syn. *O. longipes*.

janeirensis: as *janeirense*. cf. *Baskervilla janeirensis* Brade 1943.

janitor: lit., a gate-keeper, or door-keeper (ref. *janitor*, see *janus* + suffix: one who tends to a gate, or door). cf. *Lepanthes janitor*.

janowskii: as *janowskyi*. ex New Guinea, cf. *Liparis janowskii* J.J.Sm.1913.

janowskyi: listed for orig.coll., F.R. (or, R.F.?) Janowsky (+ of), who collected in the Weyland Mtns. region, Papua, Indon. c1913. cf. *Diplocaulobium janowskyi* (J.J.Sm.) P.F.Hunt & Summerh.1961.

Jansenia: Barb.Rodr.1891. Listed for José Jansen Ferreira Jr., President of Amazonas Prov., Brazil. syn. *Plectrophora* H.Focke.

Jantha: Steud.1840: violet + flower (see *lantha*). syn. *Ionopsis* Kunth.

janus: ref. *ianus*: archway; gate; door.+ Ref. Roman myth., Janus: the god of gates, doors, entrances and exits. Depicted as a man having two faces, one looking to the past and the other looking to the future. cf. *Lepanthes janus*.

japenensis: is not to do with Japan. For place name (+ from), only listed as ex New Guinea (probably ex Papua, Indon.). cf. *Oberonia japenensis* J.J.Sm.1934.

japonensis: from *Japonia*: Japan. cf. *Androcorys japonensis* Maek.1936. syn. *A. pusillus*.

japonica: Lat'd. spelling for place name: belonging to *Japonia*: Japan. cf. *Sedirea japonica* (Rchb.f.) Garay & H.R.Sweet 1974.

japonicum: as *japonica*. cf. *Aerides japonicum* Rchb.f.1863. syn. *Sedirea japonica*.

japonicus: as *japonica*. cf. *Gastrochilus japonicus* (Makino) Schltr.1913.

japurense: for place name: from Japurá, Amazonas, nthn. Brazil. Noted three places with this same name: a river, town and a city. cf. *Catasetum japurense* Mansf.1930.

jaraguae: listed for place name (+ of), ex São Paulo state, Brazil. Noted, the district of Jaraguá and the *Parque Estadual do Jaraguá*, both of São Paulo city (?). cf. *Malaxis jaraguae* (Hoehne & Schltr.) Pabst 1967.

jaramilloae: of Jaramillo. This and the next entry (*jaramilloi*), are only listed as ex Ecuador. Not sure which is correct, as have also noted a village, Jaramillo, of Pichincha Prov., Ecuador (?). cf. *Epidendrum jaramilloae* Hágsater & Dodson 1993.

jaramilloi: of Jaramillo. One ref. lists it for phytologist and author, Victor Jaramillo (? + see *jaramilloae*). ex Ecuador, cf. *Epidendrum jaramilloi* Hágsater & Dodson 1993.

jarckianum: listed for orig.coll., U.Jarck (+ belonging to). ex the Philipp., cf. *Aerides jarckianum* Schltr.1915.

jardinensis: is only listed as ex Colombia. May be for a place name (+ from) and I noted many places, with Jardin (or Jardín) in the name. Then again, it may be *jardin* (ex French: garden) +-ensis: origin; from, etc. and used in the same way as *hortensis* can be, ie. from a natural garden (-like area). cf. *Lepanthes jardinensis* Luer & R.Escobar 1993.

jarense: listed for place name: from Jaro, a town of n.east Leyte Island, Philipp. cf. *Bulbophyllum jarense* Ames 1920. syn. *B. penduliscapum*.

jarensis: as *jarense*. cf. *Eria jarensis* Ames 1915.

jasminodora: jasmine + smell; perfume. Jasmine, belonging to the olive family: *Oleaceae*, are a popular garden plant and some have a strong sweet heady perfume. cf. *Schlimmia jasminodora* Planch.& Linden 1853.

jasminosmum: jasmine + smell (+ see *jasminodora*). cf. *Epidendrum jasminosmum*.

jativae: listed for phytologist and author, Carlos D.Játiva. ex Ecuador, cf. *Epidendrum jativae* Dodson 1980.

jauana: belonging to Jaua (: *Cerro Jaua*, mtn. peak), Bolívar state, Venezuela. cf. *Prosthechea jauana* (Carnevali & I.Ramirez) W.E.Higgins 1998.

jaubertii: listed for botanist, naturalist and author, Hippolyte François Jaubert [+ of] (1798-1874). ex the Hawaiian Islands, cf. *Anoectochilus jaubertii* Gaudich.1844. syn. *A. sandvicensis* Lindley.

javanica: belonging to Java (where it was first found). cf. *Acriopsis javanica* Reinw.ex Blume 1825. Pers.coll., very common ex PM.PNG. It has an unusual trait in that from its roots, it has a myriad of little branched, spiky rootlets which stick out, away from the host to trap leaf litter, to supplement its food supply. Always extra special for me, as it was the very first orchid I ever found, I literally fell over it. There was a large mat of them growing on the side of a Cycad (palm) that was lying down in the long grass. This was also the first time my friend, Peter and I deliberately went looking for orchids. At the time, we only had a very vague idea of what we were looking for, we thought of sticks with flowers on the end and they only grew in trees. So, I was breaking my neck looking to the tops of gum-trees and fell over the Cycad. We discussed the orchid (?, nah!, it can't be, it hasn't got sticks, it's got bulbs and they should be growing in the dirt!) and agreed we had no idea what it was, but it was worth carving off a couple of chunks, because of the display of flowers that were so dainty and beautiful. We decided our next step would be to have a look at the hundreds of Cycads in the vicinity as there seemed to be weird things growing on most of them. A lot of the Cycads grew close to rock outcrops (both granite and conglomerate) and this led

to the discovery of many more weird and wonderful goodies, on and among the rocks. We went home that evening, each with an instant orchid collection. What a day!, then came the mad scramble for materials to build a decent bush-house, get the ingredients for potting, mounting, etc. and then the ever burning thirst for knowledge. No slow transition, we were hooked, immediate addicts (a prelude to this anecdote, see *smillieae*). Not long after, we acquired Prof. Holttum's "Flora of Malaya" Vol. II Orchids and there it was (ye gods, it is an **orchid!**). *Acriopsis javanica* is now a synonym (see Opera Botanica 124-1995 G. Seidenfaden), because the basionym was *Epidendrum liliifolium* and by the rules of the ICBN., the specep. has to be retained. So it's now: *Acriopsis liliifolia*.

javanicum: belonging to Java. cf. *Paphiopedilum javanicum* (Reinw. ex Lindley) Pfitzer.

javanicus: as *javanicum*. cf. *Anoectochilus javanicus* Ridley. syn. *Malaxis oculata*.

javensis: from Java. cf. *Microsaccus javensis* Blume 1825.

javierae: of Javier. See *javieriae*. cf. *Vanda javierae* D. Tui ex Fessel & Lückel 1990.

javieri: of Javier. cf. *Hymenorchis javieri*. Listed as discovered on the property of Elias & Alicia Javier, local authorities, noted growers and commercial nursery owners (: Kabukiran Orchids), Manila, Philipp.

javieriae: the book I was working on listed it this way, but also see *javierae*. For Ms. Alicia Javier (+ see *javieri*). ex the Philipp., cf. *Vanda javieriae* D. Tui 1984.

javieriense: see *javieri* + suffix: relative to; origin. cf. *Dendrochilum javieriense* Magrath, Bulmer & I. Shafer 1989.

jayandella: haven't read on this and it seems to be: "J and L" (+-a: of, for the orig. colls.?). I'll have a logical guess: the J, is for Jesup (see *phil-jesupii*, *ann-jesupiae*, *jesupii*, *jesupiae*, all named by Dr. Luer) and the L, is for himself (info., see *Luerella*). [Hope this is right, if it is, it's a good one]. ex Ecuador, cf. *Lepanthes jayandella* Luer 1996.

jeanensis: cf. *Drakaea jeanensis* R.S. Rogers 1920 (see *rogersii*), named it for his wife, Mrs. Jean Scott Rogers, a noted naturalist, fellow enthusiast and authoritative collector (+ suffix: of; origin). syn. *Drakaea elastica*. Noted as endemic to West. Aust.

jefestigma: *jefe* is a Spanish term of respect for (the) boss; chief; leader, etc. + see *stigma*. Perhaps, it's a play on the word "boss": the stigma likened to the boss of a shield (see "B"). cf. *Epidendrum jefestigma* Hágsater & Garcia-Cruz 1999.

Jejewoodia: Szlach. 1995. I saw this, did a double take and then realised its meaning: of J.J. Wood. Ref. Jeffrey James Wood (b1952) + belonging to, a phytologist, author and authoritative orchidologist. Noted as monotypic and endemic to Borneo.

Jejosephia: A.N. Rao & K.J. Mani 1985. Listed for J. Joseph, author, phytologist and authority, esp. on flora of India. eg. *Jejosephia pusilla*. Noted as monotypic in Assam, India.

jejuna: as *jejunum*. cf. *Trichotosia jejuna*.

jejunum: one major ref. lists this as ex *jejunus*: hungry (it looked undernourished?). Or, ref. *jejunum*: central part of the small intestine (?). cf. *Epidendrum jejunum* Rchb.f. 1878.

jenensis: listed for place name: from Jena city, Thüringen, Germany. cf. *Dactylorhiza x jenensis* (Brand) Soó 1962.

jengingensis: for place name (+ from), listed as ex Arunachal Pradesh, India. cf. *Eria jengingensis* S.N.Hedge 1993.

jenischiana: belonging to H.Rücker-Jenisch, see *krameriana*. ex Brazil, cf. *Encyclia jenischiana* (Rchb.f.) Porto & Brade.

jenischianum: as *jenischiana*. cf. *Epidendrum jenischianum* Rchb.f. syn. *Encyclia jenischiana*.

jenischii: of Jenisch, see *jenischiana*. ex Trinidad, Guyana, Peru, cf. *Gongora jenischii* Rchb.f.1854. syn. *G. maculata*.

jenkinsiana : listed for orig.coll.: belonging to Captain Jenkins, an officer of the East India Co. ex the Himalayas, cf. *Oberonia jenkinsiana* Griff.ex Lindley 1859.

jenkinsii: as *jenkinsiana*. cf. *Dendrobium jenkinsii* Wall.ex Lindley 1839.

Jenmania: Rolfe 1898. Listed for orig.coll., Eng. horticulturist and botanist, George Samuel Jenman FLS.(1845-1902). He collected in British Guiana & Jamaica and was Superintendent of the Georgetown Bot.Garden. syn. *Palmorchis* Barb.Rodr.

jenmanii: see *Jenmania*. ex Venezuela to Guyana, cf. *Cattleya jenmanii* Rolfe 1906.

jennyana: belonging to Jenny, see *jenny anum*, or *jennyi* (? , probably the latter). ex Peru, cf. *Schlimmia jennyana* Lückel 1990.

jenny anum: listed for noted grower von Zollinger-Jenny (+ belonging to), first to flower it. ex New Guinea, cf. *Dendrobium jenny anum* Kraenzl.1896.

Jennyella: Lückel & Fessel 1999: Jenny + respectful suffix, see *jenny anum*. ex Colombia to Peru, eg. *Jennyella lowiana* (Rchb.f.) Lückel & Fessel 1999.

jennyi: listed for phytologist and author, R.Jenny (+ of). ex Costa Rica, cf. *Lepanthes jennyi* Luer 1991. syn. *L. grandiflora*.

jerdoniana: belonging to Jerdon. Listed for botanist and naturalist, F.Jerdon. Ex sthn. India, cf. *Schoenorchis jerdoniana* (Wight) Garay 1972.

jerdonianum: as *jerdoniana*. cf. *Taeniophyllum jerdonianum* Wight 1851. syn. *Schoenorchis jerdoniana*.

jerdonianus: as *jerdoniana*. cf. *Gastrochilus jerdonianus* (Wight) Kuntze 1891. syn. *Schoenorchis jerdoniana*.

jestrebiensis: for place name (+ from), listed as ex the Czech Republic. Noted three towns and two villages called Jestrebi. cf. *Dactylorhiza x jestrebiensis* Businský 1989.

jesupiae: see *ann-jesupiae*. ex Ecuador, cf. *Brachionidium jesupiae* Luer 1995.

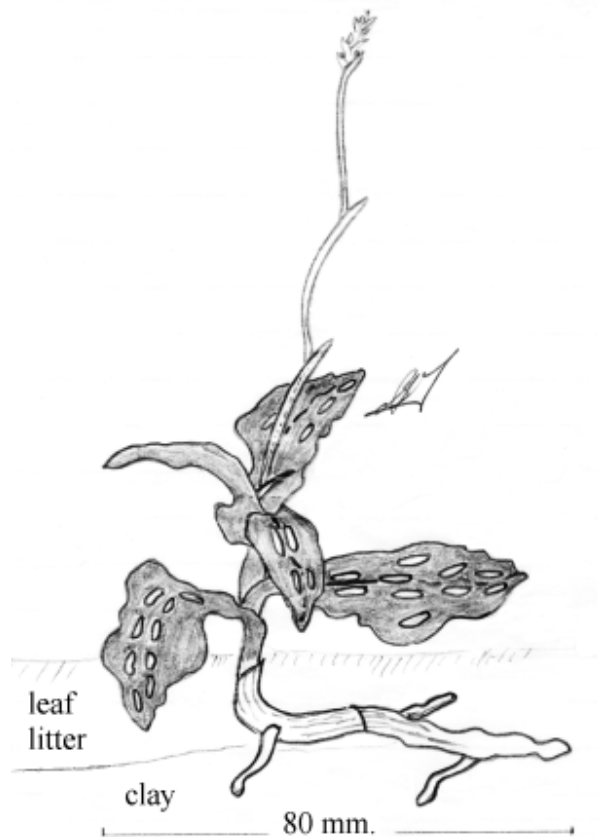
jesupiana: belonging to Jesup, see *jesupii*. ex Venezuela, cf. *Restrepia jesupiana* Luer 1996.

jesupii: see *ann-jesupiae*, *phil-jesupii*, *jesupiorum*. ex the Dominican Republic, cf. *Pleurothallis jesupii* Luer 1999. + Of interest, see *jayandella*.

jesupiorum: belonging to Jesup, see *jesupii*. ex Ecuador, cf. *Pleurothallis jesupiorum* Luer & Hirtz 1996.

jewel orchid: see sketch and notes + see *physurids*. Sorry I have to resort to the common name for this one, as I still don't know its correct name. First shown to me by a friend from Sydney, cMarch '72 at Subitana, then found them fairly common ex PM.PNG.

"Jewel Orchid"



First found it ex Subitana, PM.PNG., c March '72, then quite common and no wonder they're called "jewels"! Not a true terrestrial, as they just sit among the leaf litter, on the forest floor in very heavy shade. A botanical common term, for them, is: physurids, because many "jewels" belong to the subtribe, *Physurinae*, eg., some genera: *Macodes*, *Goodyera*, *Anoectochilus*, *Erythroides*, *Eucosia*, etc.

Not being any sort of botanist, I once described it as: designed by a master craftsman from beaten copper and emeralds with iridescent silver sequins. The appeal with this species is for the beautiful leaves, not the flowers which are minute and can hardly be seen in the heavily bracted spike.

Found it quite easy to grow at home once I had learned to replicate their natural habitat. Have since learned the silver spots of the very attractive leaves, are clusters of lenticels and photosynthetic cells (: light gatherers. See lenticel).

jimburae: of Jimbura, as *jimburens*. cf. *Lepanthes jimburae* Luer & Hirtz 1991.

jimburens: from Jimbura (village), Loja Prov., Ecuador. cf. *Epidendrum jimburens* Hágsater & Dodson 2001.

jimburensis: as *jimburens*. cf. *Telipogon jimburensis* Dodson & R.Escobar.

- x *Jimenezara*: auct.: of, or belonging to Jiménez, see *jimenezii*. On the syn. list, as the result of *Broughtonia* x *Laelia* x *Laeliopsis*.
- jimenezii* (have also noted it as *jiminezii*?): listed for orig.coll., botanist Oton Jiménez (b1895). ex Costa Rica, cf. *Scaphyglottis jimenezii* Schltr.1918.
- jinchuanicus*: belonging to Jinchuan. Only listed as ex China and noted quite a few places of this name in different provinces. cf. *Peristylus jinchuanicus* K.Y.Lang 1987.
- jipijapensis*: for place name: from the town of Jipijapa, near the west central coast, Manabi Prov., Ecuador. cf. *Brassia jipijapensis* Dodson & N.H.Williams 1980.
- joclemensii*: listed for Joseph Clemens. More info. see *clemensii*. ex Borneo, cf. *Dendrochilum joclemensii* Ames 1920.
- jocolensis*: can't locate it, but it was listed as: from Jocolo (or, could be Jocolí ?), Izabal Department, Guatemala. cf. *Pleurothallis jocolensis* Ames 1923.
- jocosum*: ref. *iocosus*: humorous; facetious. cf. *Dendrobium closterium* var. *jocosum*.
- jofftii*: reported as a misunderstanding for *tofftii* (see "T"). cf. *Dendrobium jofftii* T.Durand. & B.D.Jacks.1902. syn. *Dendrobium nindii*. Pers.coll., see sketch and notes at "N".
- johannae*: for place name: of Johanna (aka., Mwali, or Mohéli) the smallest of the three main islands of the Comoros (see *comorensis*). But the location is officially listed as ex Nzwani (: Anjouan, see *anjouanensis*) island, second largest of the group (?). cf. *Habenaria johannae* Kraenzl.1893.
- johannensis*: for place name (+ from), only listed as ex s.east Brazil. cf. *Pleurothallis johannensis* Barb.Rodr.1881.
- johannis*: listed as Lat'd. spelling for the given name of John Gould Veitch (1835-1870), of the famous Eng. nurserymen, Veitch and Sons. cf. *Dendrobium johannis* Rchb.f.1865. Noted as ex sthn. PNG. and Qld., Aust.
- johannis-winkleri*: listed for orig.coll., Johannis Winkler (+ of). ex Kalimantan, Borneo, cf. *Bulbophyllum johannis-winkleri* J.J.Sm.1927. syn. *B. nematocaulon*.
- x *Johnkellyara*: auct.: of, or belonging to John Kelly (no further info.). On the syn. list, as the result of *Brassia* x *Leochilus* x *Oncidium* x *Rodriguezia*.
- johnsoniae*: cf. *Dendrobium johnsoniae* F.Muell.1882. Listed for the daughter of the Rev. Johnson of Surrey Hills, NSW., Aust. Pers.coll., not common, ex PM.PNG. and it was a little different to the Aust. one. See sketch and notes.

Dendrobium johnsoniae F. Muell.

Flower c 65 mm. (2 1/2") across.



First found it, June '70 (then other areas, but always very scattered and not common).

From almost the highest part of Wariarata Bluff near PM.PNG., this one was gloriously in flower on a horizontal branch of a small she-oak, that was easier to climb than a ladder. In open grassland, the tree afforded next to no protection from the elements and extremely sparse shade. Yet, the plant seemed completely content with its environment.

A magnificent *Latouria* (: the *Dendrobium* section) that didn't quite comply to the norm.

Not only for its habitat, the plant was very nicely compact and the flowers strong and proud, fully expanded and not at all nutant (nodding). I lobbied hard for this

to become the emblem for our fledgeling society (The Orchid Society of Papua New Guinea).

johnsonii: listed for orig.coll., Arnold E.Johnson of Hambledon, near Cairns. cf. *Bulbophyllum johnsonii* T.E.Hunt 1950. Noted as endemic to nth. Qld., Aust. + See next entry.

johnsonii: listed for orig.coll., Harry Johnson who collected in the Alta Verapaz region, Guatemala. cf. *Pleurothallis johnsonii* Ames 1923.

johnsonorum: Johnson + belonging to, see last entry. cf. *Odontoglossum johnsonorum* L.O.Williams. syn. *Ocidium maculatum*.

johnstonii: listed for botanist, John Robert Johnston (b.1880), authoritative collector, esp. of Guatemalan orchids. cf. *Leochilus johnstonii* Ames & Correll 1943.

x *Johnyeeara*: auct.: of, or belonging to John Yee (no further info., also of interest, see x *Gladysyeeara*). On the syn. list, the result of *Brassavola* x *Cattleya* x *Epidendrum* x *Laelia* x *Schomburgkia* x *Sophranitis*.

johorensis: for place name: from Johore state, West Malaysia. cf. *Bulbophyllum gusdorfii* var.*johorensis* Holttum. syn. *Bulbophyllum gusdorfii* J.J.Sm.1917.

johorensis: as *johorensis*. cf. *Calanthe johorensis* Holttum 1947.

johowiana: listed for botanist and author, Friedrich (Federico?) Richard Adelbert Johow (1859-1933). cf. *Chloraea johowiana* Kraenzl.1904 (syn.).

jolandae: listed for orig.coll., Ms.Jolanda Huisman. ex Sabah, Borneo, cf. *Bulbophyllum jolandae* J.J.Verm.1991.

Jone: Lindley ex Schltr.1914, see *lone*. syn. *lone*.

jonesiana: as *jonesianum*. cf. *Cohniella jonesiana* (Rchb.f.) Christenson 1999. syn. *Trichocentrum jonesianum*.

jonesianum: belonging to Jones. For noted grower, the Rev.Morgan Jones (Eng.). ex Brazil, cf. *Trichocentrum jonesianum* (Rchb.f.) M.W.Chase & N.H.Williams 2001.

jonesii: listed for orig.coll., A.O.Jones, ex the Johnstone River area, Qld., Aust. cf. *Dendrobium jonesii* Rendle 1901. + See next entry.

jonesii: of Jones. For Aust. phytologist and prolific author, D.L.Jones (more info. see *Davejonesia*). cf. *Thelymitra jonesii* Jeanes 2001. Noted as endemic to Tas., Aust.

jongheana: listed for noted grower J.de Jonghe, a nurseryman of Brussels, Belgium. ex Brazil, cf. *Sophranitis jongheana* (Rchb.f.) Van den Berg & M.W.Chase 2000.

jonquille: listed as likened to a jonquil (: *Narcissus**) flower. cf. *Epidendrum jonquille*. syn. *Promenaea xanthina*. *Of interest see *narcissiflora*.

Jonorchis: Beck 1890: *Jon-*: *ion*: violet + see orchid. syn. *Limodorum* Boehm.

jonssonii: listed for phytologist, L.Jónsson. Descs. accr. to him are abbr. to: L.Jónss. ex the Central African Republic, cf. *Microcoelia jonssonii* Szlach.& Olszewski 2001.

jordanensis: for place name (+ from), listed as ex São Paulo state, Brazil. Noted one possibility, that sounds a bit like it: Campos do Jordão city, in the north of the state (?). cf. *Habenaria jordanensis* (Leite) Garay 1951.

jorisiana: listed for botanist, G.Joris (Joriss?) + belonging to. ex Venezuela, cf. *Galeottia jorisiana* (Rolfe) Schltr.1919.

jorisanum: as *jorisiana*. cf. *Zygopetalum jorisanum* Rolfe 1889. syn. *Galeottia jorisiana*.

Josepha: Bentham & Hook.f.1883, see *Josephia*. syn. *Josephia*.

josephi: see *Josephia*. ex India, cf. *Pachystoma josephi* Rchb.f.1852. syn. *P. pubescens*.

josephi: listed for J. Joseph, see *Jejosephia*. ex Karnataka state, India, cf. *Oberonia josephi* C.J.Saldanha 1974.

Josephia: Wight 1851: of Joseph, listed for Sir Joseph Dalton Hooker. See listing: Hooker. ex sthn. India. syn. *Sirhookera* Kuntze.

josephiana: as *Josephia*. ex the Himalayas, cf. *Malaxis josephiana* (Rchb.f.) Kuntze 1891.

josephinae: listed for Miss Josephine Measures, daughter of R.H.Measures (see *measuresianum*), first to flower it. ex Venezuela and Colombia, cf. *Odontoglossum* x *josephinae* B.S.Williams. syn. *O.* x *andersonianum*.

Jostia: Luer 2000: see *jostii*. syn. *Masdevallia* Ruiz & Pav.

jostii: listed for phytologist and author, L.Jost (+ of). Noted as often co-author with C.A.Luer (see *Luerella*). ex Ecuador, cf. *Lepanthes jostii* Luer 1999.

joyceae: listed for orig.coll., botanist and authority, Mrs.Joyce Stewart (+ of). ex Nyanza Prov., Kenya, Africa. cf. *Bulbophyllum bidenticulatum* ssp. *joyceae* J.J.Verm.1987.

jubar: ref. *iubar*, *iubaris*: beaming light; brightness; radiance. + Can be for: glory; splendour, etc. cf. *Masdevallia jubar*. syn. *M. tridens*.

jubata: as *jubatum*. cf. *Lepanthes jubata*.

jubatum: ref. *jubatus*: crested; maned. cf. *Dendrobium jubatum*.

jucunda: ref. *iucundus*: pleasing; delightful. cf. *Rodrigueziella jucunda*.

jucundissimum: as *jucunda* + emphatic suffix, see *-issima*: very, etc. eg. See *albo-jucundissimum*.

jucundum: as *jucunda*. cf. *Aerides jucundum*. syn. *A. odoratum*.

jucusbambae: for place name: of Jucusbamba, only listed as ex Peru. Noted two villages, one of La Libertad, the other of San Martín (Departments). cf. *Telipogon jucusbambae* Dodson & R.Escobar 1998.

juennensis: for place name (+ from), only listed as ex Austria. cf. *Dactylorhiza* x *juennensis* Perko 1997.

juergensenii: listed for orig.coll., F.Juergensen (+ of). ex Oaxaca, Mexico, cf. *Epidendrum juergensenii* Rchb.f.1880.

juergensiana: listed for orig.coll., botanist C.Juergens (+ belonging to). ex São João, Brazil. cf. *Capanemia juergensiana* (Kraenzl.) Schltr.1918. syn. *C. superflua*.

juergensii: as *juergensiana*. ex Brazil, cf. *Sarcoglottis juergensii* Schltr.1925.

jugata: ref. *iugatum*: coupled; yoked together (in pairs). cf. *Maxillaria jugata*.

jugicola: ref. *iugum*: ridge; crest + dweller; resident, cf. *Bulbophyllum jugicola*. Noted as endemic to New Guinea.

jugicolum: as *jugicola*. cf. *Bulbophyllum jugicolum*. syn. *B. decockii*.

jugosa: see *jugosus*. cf. *Pabstia jugosa*.

jugosum: see *jugosus*. cf. *Zygopetalum jugosum*. syn. *Pabstia jugosa*.

jugosus: ref. *iugosus*: of hills; hilly. + Can be of mountain ridges; peaks, etc. cf. *Colax jugosus* syn. *Pabstia jugosa*.

jugum: for a ridge (? , see *jugosus*) + can be: team; yoke; pair. cf. *Lepanthes jugum*.

juliana: may be for a person's given name. From the listed locations it also possibly refs. to Juliani (village), Punjab Prov., Pakistan (?). cf. *Nervilia juliana* (Roxb.) Schltr.1911.

julianii: of Julian. Probably refs. to Julian Steyermark, info. see *steyermarii*. Listed to be from Guatemala where he worked extensively for some years. cf. *Malaxis julianii* Foldats 1968. syn. *M. crispifolia*.

x *Jumanthes*: auct. On the syn. list, cf. *Aeranthus* x *Jumellea*.

Jumellea: Schltr.1914. For Prof. Henri Lucien Jumelle [+ of] (1866-1935). A French phytologist of the Marseilles Faculty of Sciences who collected in Madagascar. Descs. accr. to him are abbr. to: Jum. eg. *Jumellea fragrans*.

jumelleana: belonging to Jumelle, see *Jumellea*. ex Madagascar, cf. *Jumellea jumelleana* (Schltr.) Summerh.1952.

jumelleanum: as *jumelleana*. cf. *Angraecum jumelleanum* Schltr.1913. syn. *Jumellea jumelleana*.

jumelleanus: as *jumelleana*. cf. *Lissochilus jumelleanus* (Schltr.) Schltr.1915. syn. *Eulophia livingstoneana*.

jumellianum: as *jumelleana*. ex Madagascar, cf. *Bulbophyllum jumellianum* Schltr.1913.

juncea: ref. *iuncus* (*juncus*): a rush; reed, + ref. *iunceus*: rush-like. cf. *Platanthera juncea*. syn. *Peristylus nematocaulon*.

junceaoides: rush + resembling. cf. *Galeandra junceaoides*.

junceum: see *juncea*. cf. *Dendrobium junceum*.

juncifolia: rush + leaf. cf. *Thelymitra juncifolia*. Noted as endemic to s.east Aust.

juncifolium: rush + leaf. cf. *Dendrobium juncifolium*.

juncoides: rush + resembling. cf. *Ceratostylis juncoides*.

juncoideum: rush-like + suffix: having the quality of. Ref. the stems. cf. *Dendrobium juncoideum*.

juncta: ref. *iunctus*: joined; united. cf. *Notylia juncta*. syn. *Macroclinium junctum*.

junctiloba: as *juncta* + lobe. cf. *Flickingeria junctiloba*.

junctum: as *juncta*. cf. *Macroclinium junctum*.

junghuhnii: listed for botanist, Franz (Friedrich?) Wilhelm Junghuhn (1809-1864). ex Java, cf. *Eria junghuhnii* J.J.Sm.1905.

junialis: ref. *iunius*: June (month) + see -*ale*: of, etc. cf. *Dactylorhiza praetermissa* var.

junialis. syn. *Dactylorhiza praetermissa*.

juninense: as *juninensis*. cf. *Epidendrum juninense* Schltr.1921. syn. *E. haenkeanum*.

juninensis: from Junin Department (admin. division), and/or (near) the town of Junin on the Central Highway, n.east of Lima, Peru. cf. *Trichopilia juninesis* C.Schweinf.1945.

juniperinum: ref. *iuniperus*: juniper (: genus, *Juniperus*. Shrubs and small trees of the cypress family: *Cupressaceae*) + suffix: like, etc. Listed as an allusion to the plant appearance. cf. *Dendrobium juniperinum*.

juno: probably to express "beauty". Ref. Roman myth. *Iuno* (Juno, Gk. equiv.: Hera), wife and sister of Jupiter (Gk. equiv.: Zeus), queen of the "gods" (+ goddess of Marriage and Births). cf. *Cypripedium* x *juno* N.E.Br.

junodiana: listed for Swiss missionary, Henri Junod* + belonging to. ex Mozambique, Africa, cf. *Monadenia junodiana* Kraenzl.1929. syn. *Disa fragrans*. *Esp. noted for his anthropological studies of the Tsonga people.

junzaingense: for place name (+ from) listed as ex the Moluccas (Maluku Islands), Indon. cf. *Dendrobium junzaingense* J.J.Sm. syn. *Dendrobium subacaule*.

jupiter: may be for “ beauty”, as (mostly) all the “gods” were depicted as very beautiful, or handsome. Ref. Roman myth., Jupiter: supreme ruler of the gods (Gk.myth. equiv.: Zeus). Also ref. the planet Jupiter. ex Ecuador, cf. *Pleurothallis jupiter* Luer 1975.

jurana: belonging to Jura. This species has a wide distribution and the specep. may ref. to island(s) of central westn. Scotland, a French Department (admin. division) and a Swiss Canton (admin. division), or Jura (mtn. range), extends from eastn. France into Switzerland. cf. *Ophrys jurana* (Ruppert) Neuberger 1925. syn. *O. apifera*.

jurgensenianum: see *juergensenii* (with different suffix: belonging to). ex Mexico, cf. *Oncidium jurgensenianum* (Lem.) Lem. syn. *Oncidium hastatum*.

juruaense: from Juruá. Listed as ex nthn. Brazil, noted a major river, a town and a village, of this name, in Amazonas state. cf. *Epidendrum juruaense* Cogn.1906.

juruenense: for place name (+ from). Ref. Juruena (a town), and/or the Rio Juruena (river), both of Mato Grosso state, Brazil. cf. *Catasetum juruenense* Hoehne 1915.

juruenensis: as *juruenense*. cf. *Erythroides juruenensis* (Hoehne) Ames.

jussieuana: belonging to Jussieu. This was listed (with a question mark), for botanist and author Adrien Henri Laurent de Jussieu (1797-1853). ex Africa, cf. *Polystachya jussieuana* Rchb.f.1863. syn. *P. tessellata*.

juvenilis: lit., of youth. Probably implies it has the exuberance and beauty of youth. cf. *Laelia* x *juvenilis* Bleu. Listed among the synonyms, with no further info.

juxtaposita: *juxta*: close; near, etc.+ *posita*: ref. *positus*: situated; placed. + May be as in English, juxtaposed: situated, or placed side by side. cf. *Pleurothallis juxtaposita*.

kabareensis: for place name (: from Kabare ?), listed as ex eastn. Zaire, Africa. cf. *Tridactyle laurentii* var. *kabareensis* Geerinck 1990.

kabense: listed for place name: from Mt.Kaba, Sumatra, Indon. cf. *Dendrochilum kabense* J.J.Sm.1943.

kabensis: as *kabense*. cf. *Malaxis kabensis* (J.J.Sm.) J.B.Comber 2001.

kabompoensis: from the Kabompo River, westn. Zambia, a major upper tributary of the Zambezi River. cf. *Habenaria kabompoensis* G.Will.1980.

kabyliensis: listed for place name: from Kabylie des Barbors (: Petit Kabylie) region, nthn. Algeria. cf. *Orchis kabyliensis* G.Keller 1933. syn. *Dactylorhiza elata* ssp. *elata*.

kachinensis: for place name: from Kachin state, nthn. Burma (now, Myanmar). cf. *Sunipia kachinensis* Seidenf.1981.

kaernbachiana: listed for orig.coll., L.Kaernbach (+ belonging to), who worked for the New Guinea Co., of German New Guinea (: PNG.) as a professional investigator of trop. flora. cf. *Oberonia kaernbachiana* Kraenzl.1900.

kaernbachii: as *kaernbachiana*. cf. *Dendrobium kaernbachii* Kraenzl.1894. syn. *D. smillieae*. Pers.coll., see notes at *smillieae*.

kafiriana: (the) Kafir + belonging to. An oblique ref. to where this species was found in n.east Afghanistan.. The Kafir are an ethnic group of people who live (mostly) in the Nurestan region (formerly, **Kafiristan**). Trivium: "kafir" is also a common name for a kind of grain sorghum. cf. *Dactylorhiza kafiriana* Renz 1978.

kaiteurium: as *kaiteurum*. cf. *Selenipedium kaiteurium* N.E.Br. 1885. syn. *Phragmipedium lindleyanum*.

kaiteurum: gave up on this one, as I was looking for something +-urum: tailed. Much, much later was looking for a place name in Guyana and ... "whoa, I know that name!", dived into my "too hard basket" and, gotcha! cf. *Phragmipedium kaiteurum** (N.E.Br.) Garay 1979. For a spectacular waterfall: Kaiteur Fall, Potaro River, central westn. Guyana. *syn. *P. lindleyanum* (R.H.Schomb.ex Lindl.) Rolfe 1896.

kainochiloides: ref. *kainos*: new + lip + resembling. cf. *Bulbophyllum kainochiloides*.

kaiteurum: this may have been a typ.error, see *kaiteurum*. cf. *Selenipedium kaiteurum* N.E.Br. syn. *Phragmipedium lindleyanum*.

kaitiense: listed for place name (+ from), one major ref. says it's from Kaitea, Nilghiri Hills, sthn. India. cf. *Bulbophyllum kaitiense* Rchb.f.1861.

kaitiensis: as *kaitiense*. cf. *Phyllorkis kaitiensis* (Wight) Kuntze 1891. syn. *Bulbophyllum kaitiense*.

kajewskii: listed for orig.coll., Frank Kajewski (some refs. say: S.F.Kajewski?). ex the Santa Cruz Islands, cf. *Dendrobium kajewskii* Ames 1932. syn. *D. conanthum*.

kalawense: from Kalaw. Noted two villages, one near Moulmein city, the other in central Myanmar. cf. *Cymbidium grandiflorum* var. *kalawense* T.A.Colyear 1934 (+ he was the orig.coll.). syn. *C. lowianum* var. *kalawense* (Colyear) Govaerts 1999.

kalbreyeri: listed for orig.coll., E.Kalbreyer (+ of). ex Mt.Cameroon, Africa, cf. *Brachycorythis kalbreyeri* Rchb.f.1878.

kalbreyeriana: belonging to Kalbreyer, see *kalbreyeri*. ex Colombia, cf. *Malaxis kalbreyeriana* (Kraenzl.) P.Ortiz. 1991.

kalbreyerianum: as *kalbreyeriana*. ex Brazil, cf. *Oncidium kalbreyerianum* Kraenzl.1922. syn. *O. hapalotyle*.

kalbreyerianus: as *kalbreyeriana*. ex Colombia, cf. *Ornithocephalus kalbreyerianus* Kraenzl.1922.

kaliana: belonging to Gunung (Mt.) Ulu **Kali** of Pahang, Peninsula Malaysia. cf. *Coelogyne kalia* P.J.Cribb 1982.

kalianum: as *kaliana*. cf. *Epigeneium kalianum* B.C.Stone 1978. syn. *E. longipes*.

kalimpongensis: listed for place name: from Kalimpong (noted as “a major trading post”), of Sikkim state, on the India/Tibet border, n.east India. cf. *Herminium kalimpongensis* U.C.Pradhan 1974.

Kalimpongia: U.C.Pradhan 1977: see *kalimpongensis*. syn. *Dickasonia* L.O.Williams.

kallista: ref. *kallistos*: most beautiful. cf. *Ophrys* x *kallista*. syn. *O. sorrentini* Lojac.

kalloneuron: ref. *kallos*: (of) beauty + ref. *neuron*: sinew; tendon; nerve + can be: vein(s). cf. *Epidendrum kalloneuron*.

kalopissii: listed for Greek botanist, Y.Kalopissis. ex nthn. Greece, cf. *Dactylorhiza kalopissii* E.Nelson 1976.

Kalopternix: Garay & Dunst.1976: ref. *kalos*: a small log (of wood) + ref. *pternix*: a plant stem. syn. *Epidendrum* L.

kaluluensis: from Kalulu Hills, sthn. Malawi, Africa. cf. *Polystachya kaluluensis* P.J.Cribb & la Croix 1991.

kamarupa: for place name, ref. Kamarupa (aka. Kamata), an ancient region of n.east India, now mostly the state of Assam. Listed as from Assam, so it’s an oblique ref. to where it was first found. cf. *Eulophia kamarupa* Sud.Chowdhury 1993.

kamborangense: for place name (+ from), listed as ex Mt.Kinabalu, Borneo. Could be a sort of phonetic spelling for Kamburongoh village, which is close by (?). cf. *Dendrochilum kamborangense* Ames 1920.

kamborangensis: as *kamborangense*. cf. *Liparis kamborangensis* Ames & Schweinf.1920.

kamengense: for place name (+ from), listed as ex Arunachal Pradesh state, n.east India. cf. *Herminium kamengense* Nag.Rao 2001.

kamerunense: as *kamerunensis*. cf. *Bulbophyllum kamerunense* Schltr.1905. syn. *B. imbricatum*.

kamerunensis: from Cameroon, west Africa. Also noted, it was first found at Mt.Cameroon. cf. *Disperis kamerunensis* Schltr.1897. Trivium: **Kamerun**, is the orig. German spelling for Cameroon.

kamlangensis: for place name (+ from), listed as ex Arunachal Pradesh, nthn. India. cf. *Oberonia kamlangensis* A.N.Rao 2000.

kamtschatica: for place name: belonging to Kamchatka (Peninsula), far east Russia, on which is the Kamchatka River and the coastal city of Petropavlovsk-Kamchatsky. The region has many active and dormant volcanoes and an extremely harsh climate. Noted the “correct” specp. for the region is *camschatcensis* (: *Camschatca* + origin; from, etc.). But, it’s also possible a flower may have been likened to a

kind of “king crab” (crustacean). Ref. the Alaskan King Crab, or Japanese Crab (*Paralithodes* camtschatica*). So, the plant comes from the region and/or a flower has a fanciful resemblance to the crab. cf. *Ophrys kamtschatica* Georgi 1775. syn. *Neottia camtschatea*. **Paralithodes*: see *para-*: close; almost, etc.+ stone; rock + resembling. Again, translating words, not just only of orchids, this language is wonderful.

kanakorum: ref. *kanaka*: listed as orig. a Hawaiian word for a man and was **not** derogatory. Came to mean: any indigenous Polynesian person + suffix: of, belonging to. Probably, simply infers it's from Polynesia (noted, this species was orig. thought to come from New Caledonia). cf. *Dendrobium kanakorum* Kraenzl.1910.

kanarensis: listed for place name: from Kanar (village), Madhya Pradesh, Hindustan, India. cf. *Cheirostylis kanarensis* Blatter & McCann 1932. syn. *Didymoplexis pallens*.

kanburiense: for place name: from the Kanburi region, west of Bangkok. Noted as endemic to Thailand. cf. *Bulbophyllum kanburiense* Seidenf.1970.

kanburiensis: as *kanburiense*. cf. *Oberonia kanburiensis* Seidenf.1973.

kandae: for place name (+ of), only listed as ex Japan. Noted, a major city and a couple of towns called Kanda. cf. *Malaxis kandae* T.Hashim.1992.

kandariana: belonging to Kandar, a major town of Keplauan Tanimbar (island), Maluku, Indon. cf. *Eria kandariana* (Kraenzl.) Schltr.

kandarianum: as *kandariana*. cf. *Dendrobium kandarianum* Kraenzl. syn. *Eria kandariana*.

kandarianus: see *kandariana*. cf. *Cylindrolobus kandarianus* (Kraenzl.) Rauschert 1983. syn. *Eria kandariana*.

kanehirae: listed for phytologist and author, Ryōzō Kanehira [+ of] (1882-1948). Descs. accr. to him are abbr. to: Kaneh. ex Palau, Caroline Islands, cf. *Phreatia kanehirae* Fukuy.1938.

kaniense: from the Kani Range, west of Madang, east coast, PNG. cf. *Bulbophyllum kaniense* Schltr.1913.

kaniensis: as *kaniense*. cf. *Calanthe kaniensis* Schltr.1912.

kanke: from the author's notes (ref. P.van Royen 1979, see the bibliography), it's a local name for the plant in the Mendi area, s.west of Mt.Hagen, PNG. cf. *Glomera kanke*. Noted as endemic to PNG.

kanran: noted as ex China, so I enlisted the aid of a Chinese friend for this one. It's from anglicised Chinese (*harn-lan*): very cold + orchid (and from the discussion, it flowers in winter). cf. *Cymbidium kanran* Makino 1902. + See *lan*, Confucius.

kantokeiensis: for place name (+ from), listed as ex central Taiwan. cf. *Zeuxine kantokeiensis* Tatew.& Masam.1932.

kapahense: listed for place name: from Kapah, Sarawak, Borneo. cf. *Taeniophyllum kapahense* Carr 1935.

kapandensis: for place name (+ from), listed as ex westn., central and sthn. trop. Africa. From the many given locations, noted the Kapande River and quite a few villages. cf. *Lissochilus kapandensis* De Wild. syn. *Eulophia calantha*.

karadenizensis: from *Karadeniz* (: the Black Sea). An inland sea between s.east Europe and Asia Minor. cf. *Ophrys karadenizensis* M.& H.Schönfelder 1998. syn. *O. scolopax* ssp.*scolopax*.

karangensis: for place name (+ from), listed as ex Mt.Kinabalu area, Borneo. cf. *Corysanthes karangensis*. + Have noted, *Corysanthes* is syn. to *Corybas*.

karduchorum: Carduques + of, belonging to, more info., see *carduchorum*. cf. *Orchis karduchorum* (Bornm.& Kraenzl.) Schltr.1914.

karikouyensis: for place name (+ from), listed as ex New Caledonia. cf. *Eria karikouyensis* Schltr.1906.

karkarensis: for place name: from Karkar Island, off east coast PNG. cf. *Corybas karkarensis* P.Royen 1983.

karlii: listed for botanist, Janos Karl [+ of] (1842-1922?). ex Rio Grande do Sul state, Brazil, cf. *Pleurothallis karlii* Pabst 1956.

karnbachii: see *kaernbachiana*. cf. *Dendrobium karnbachii* Kraenzl. Took this from a book I was working on, but there isn't any official listing.

karoense: listed for place name: from the Karo River area, Gazelle Peninsula, New Britain, PNG. cf. *Dendrobium karoense* Schltr.1905. syn. *Cadetia karoensis*.

karoensis: as *karoense*. cf. *Cadetia karoensis*. (Schltr.) Schltr.1912. + See next entry.

karoensis: for place name: from Karo (village). This one is listed as ex nthn. Sumatra, Indon. cf. *Corybas karoensis* J.B.Comber & J.Dransf.1995.

karooica: belonging to Karoo. Noted quite a few places (mostly, regions), with this name in South Africa, inc. two N.Parks: one in the Great Karoo, Western Cape Prov., the other (Tankwa Karoo) of Northern Cape Prov. Also noted the word, Karoo, is taken from *karusi*: lit., barren; dry. cf. *Disa karooica* S.D.Johnson & H.P.Linder 1995.

Karorchis: D.L.Jones & M.A.Clem.2002. Ref. a contraction of *karyon*: nut + orchid. Probably for the pseudobulbs. syn. *Bulbophyllum* Thouars.

karpathensis: listed for place name: from Karpathos Island, east of Crete (Greece). cf. *Ophrys karpathensis* (E.Nelson) Paulus & Gack.

karst: was in a discussion of habitats. The passage read, "...in the karst area of..." A geological term: a soluble limestone region, usually with many acute gullies, sinks, underground caverns and rivulets. + See *shikokiana* and ref. Shikoku **Karst**.

karstii: listed for phytologist, H.Karst. ex Hispaniola, cf. *Quisqueya karstii* Dod 1979.

karwinskii: listed for orig.coll., botanist Wilhelm Karwinski von Karwin (1780-1855). Descs. accr. to him are abbr. to: Karw. ex Mexico, cf. *Miltonioides karwinskii* (Lindley) Brieger & Lückel 1997.

kaschmirianum: as *kashmiriana*. cf. *Coeloglossum kaschmirianum* Schltr.1920. syn. *Dactylorhiza viridis*.

kashmiriana: belonging to the territory of Kashmir, nthn. India. cf. *Listera kashmiriana* Duthie 1906.

kassneriana: belonging to Theo Kassner. ex Africa, cf. *Cynorkis kassneriana* Kraenzl.1914.

kassnerianum: as *kassneriana*. cf. *Epipogium kassnerianum* Kraenzl.1914. syn. *E. roseum*.

kassnerianus: as *kassneriana*. Has a widespread distribution in Africa to Madagascar, cf. *Lissochilus kassnerianus* Kraenzl.1914. syn. *Eulophia cucullata*.

katakiana: for place name (+ belonging to), listed as ex Arunachal Pradesh, nthn. India (?), see next entry). cf. *Oberonia katakiana* A.N.Rao 1996.

katakianum: see *katakiana*, but this species is listed as ex Assam state, n.east India. Also, may ref. to **Katak** Chincholi (village), Karnataka state, nthn.central India (?). cf. *Dendrobium aphyllum* var.*katakianum* I.Barua 2001. syn. *D. aphyllum*.

katangensis: from Katanga Prov., Congo (DRC.), Africa. cf. *Disa katangensis* De Wild.1902.

katarana: of, or belonging to Katara. Refs. to Katara Pass (Zigós-Metsóvon, mtn. pass) of Ioannina, Epirus, Greece. cf. *Dactylorhiza* x *katarana* H.Baumann 1983.

katentaniensis: from Katentania (village), Katanga Prov., Congo (DRC.). cf. *Lissochilus katentaniensis* De Wild.1919. syn. *Eulophia angolensis*.

Katherinea: A.D.Hawkes 1956. Noted he named it for his mother, Mrs.Katherine H.Chatham. eg. *Katherinea coelogyne*. syn. *Epigeneium amplum*.

katherinae: as *Katherinea*. ex Borneo, cf. *Bulbophyllum katherinae* A.D.Hawkes 1956. syn. *Bulbophyllum reticulatum*.

katochilos: ref. *kata* (+ see *cat*-): low, etc. + lip. cf. *Microstylis katochilos*. syn. *Malaxis prorepens*.

Katochilus: see *katochilos*. = *Microstylis* subgenus.

katocolla: *kato*-, see *cat*-: low, etc. + ref. *collare*: neckband; collar. = *Thrixspermum* section.

kattaviensis from Kattavía, a minor city of sthn. Rhodes island, eastn. Aegean Sea, Greece. cf. *Ophrys* x *kattaviensis* Riech.& M.Schöb.

kauloense: listed for place name: from the Kaulo Range, west of Astrolabe Bay, PNG. Also ref. Kaulo (village), s.west of Mt.Wilhelm. cf. *Bulbophyllum kauloense* Schltr.1913.

kautskyana: for orig.coll., botanist E.Kautsky (+ belonging to). ex Brazil, cf. *Maxillaria kautskyana* Pabst 1972.

kautskyi: as *kautskyana*. ex Brazil, cf. *Oncidium kautskyi* Pabst 1976.

kautzkii: as *kautskyana*. ex Brazil, cf. *Prosthecea kautzkii* (Pabst) W.E.Higgins 1998.

kawakamii: listed for botanist, Takiya Kawakami (1871-1915). Descs. accr. to him are abbr. to: Kawak. ex Java, cf. *Malleola kawakamii* (J.J.Sm.) J.J.Sm.& Schltr.1913.

kawengica: for place name (+ belonging to), listed as ex Sulawesi, Indon. cf. *Eria kawengica* Schltr.1911.

keayi: for botanist and author, Ronald William John Keay (b1920). ex west Africa, cf. *Habenaria keayi* Summerh.1951.

keel: an exposed ridge on the surface of an organ, as on the labellum disc, or blade. + Ref. ribs and veins of other floral parts, or leaves, where they are slightly raised above the surface. A line of calli, papillae, bristles, etc., can form a keel.+ Ref. the suture lines of an ovary, or capsule, when raised, or puckered, can also be called a keel.

x *Keferanthes*: auct. On the syn. list, cf. *Cochleanthes* x *Kefersteinia*.

x *Keforea*: auct. On the syn. list, cf. *Kefersteinia* x *Pescatoria*.

Kefersteinia: Rchb.f.1852. Listed for noted grower K.Keferstein of Krollwitz, Germany. ex Venezuela, eg. *Kefersteinia stapelioides*.

kefersteiniana: see *Kefersteinia* (+ belonging to). ex Colombia, cf. *Pleurothallis kefersteiniana* Rchb.f.1853. syn. *Pleurothallis flexuosa*.

keffordii: listed for orig.coll., W.R.Kefford (+ of). Mr.Bailey (see *baileyana*) named it for Mr.Kefford, but ironically this same species was named 10yrs. earlier for Mr.Bailey. ex Qld., Aust., cf. *Dendrobium keffordii* Bailey 1884. syn. *D. baileyi* F.Muell.1874.

Kegelia: Rchb.f.1852. Listed for Jan Kegel, chief horticulturist at Halle Univ., Germany. Noted, he collected in Ecuador and surrounds. syn. *Kegeliella* Mansf.

Kegeliella: Mansf.1934. Listed as based on the genus, see *Kegelia* (which is noted as nom.illeg.) +-ella: small, or a respectful suffix. eg. *Kegeliella kupperi*.

kegelii: of Kegel, see *Kegelia*. ex the Guianas, n.east Sth.America, cf. *Maxillaria kegelii* Rchb.f.1877.

kegeljani: for Jan Kegel + of, see *Kegelia*. ex Ecuador to Peru, cf. *Odontoglossum kegeljani* E.Morren.

keiki: I think this word is pathetic for a serious subject. Reported to be a Hawaiian word for "baby" and its only attribute is its general acceptance. There is an alternative word in use, but is (only?) used with terrestrials, ie. "gemmae" (see vegetative propagation). I did note, one author used "aerial plantlets" throughout his book, another used "adventitious growth" and yet another, "aerial growths". So obviously, I'm not alone in my distate for the word. They are an alternative method of reproduction where a complete new plant grows, often from an apical node (eg. *Dendrobium kingianum*), or from a raceme axis that's just finished flowering and there hasn't been any fruit set. eg. *Phalaenopsis*, which can also "keiki" from the roots. "Keikis" occur with many species in the bush and more so in captivity, when the plant's insect pollinator is not around. In the bush I chanced upon a *Dendrobium anosmum*, that by accident had been "forced" to put out "keikis", when (obviously) something had damaged a mature stem and it was fractured, so touching the tree further down. The "keiki" cells took this opportunity and put out new growths. I tried this at home and when it worked, you'd think I'd invented the wheel (+ see layering). A friend gave me a stem he had cut off his *Dendrobium nobile*, to show me the flowers (he had absolutely no knowledge of orchids and knew that's what it was, but that's all). I gave him a crash course on this lovely species and after he left, thought "I wonder if?" *D. nobile* has a reputation for its ability to "keiki", so I removed the flowers, (it only had four) from the centre of the stem, which was c.16" (c40cms.) long. Then sealed the cut end, put some mulch into the bottom of a plastic bag (see "P"), laid in the stem, kept it moist and "hey presto" (it really didn't take long), ... 27 new plants from that one stem. Always unorthodox, I loved experimenting, especially when it meant I could increase my collection, with virtually no effort, or risk.

keiliana: belonging to Keil. Listed for noted grower, Hofrath Keil of Leipzig, Germany.
ex Venezuela, cf. *Ada keiliana* (Rchb.f. ex Lindley) N.H.Williams 1972.

keilianum: as *keiliana*. cf. *Oncidium keilianum* Rchb.f.1863. syn. *Ada keiliana*.

keilianus: as *keiliana*. ex Trop. and sthn. Africa, cf. *Lissochilus keilianus* Kraenzl.1909. syn. *Eulophia horsfallii*.

keitaoensis: for place name (+ from), only listed as ex Taiwan. cf. *Liparis keitaoensis* Hayata 1918. syn. *L. cordifolia*.

keithiana: listed for orig.coll., botanist and naturalist, Sir Arthur Keith (+ belonging to). ex Borneo, cf. *Chelonistele keithiana* W.W.Sm.1921. syn. *Nabalua clemensii*.

keithii: as *keithiana*. ex Thailand, cf. *Dendrobium keithii* Ridl.1896.

kelabitense: for place name (+ from), only listed as ex Sarawak, Borneo. cf. *Dendrochilum kelabitense* J.J.Wood 2001.

kelamensis: for place name (+ from), listed as ex Kelam, Kalimantan, Borneo. cf. *Coelogyne kelamensis* J.J.Sm.1910.

kelelense: listed for place name: from the Kelel district, Minjem River area, PNG. cf. *Bulbophyllum kelelense* Schltr.1913.

kelelensis: as *kelelense*. cf. *Hapalochilus kelelensis* (Schltr.) Garay & W.Kitttr.1986. syn. *Bulbophyllum kelelense*.

kelleri: as *kelleriana*. ex France to Italy, cf. *Ophrys x kelleri* Godfery1915.

kelleriana: listed for phytologist, G.Keller. ex Europe, cf. *Dactylorhiza x kelleriana* P.F.Hunt 1971.

kellneriana: info. see *Koellensteinia*. ex nthn. Sth.America, cf. *Koellensteinia kellneriana* Rchb.f.1854.

kelsallii: listed for orig.coll., L.Kelsall (+ of). ex Selangor, India, cf. *Dendrobium kelsallii* Ridl. 1896. syn. *Flickingeria angustifolia*.

kemiriensis: from Kemiri (village), s.west Belitung island, Sumatra, Indon. cf. *Coelogyne kemiriensis* J.J.Sm.1943.

kempffii: listed for orig.coll., A.Kempf (+ of). ex PNG., cf. *Liparis kempffii* Schltr.1919.

kempteri: of Kempter, see *kempteriana*. ex New Guinea, cf. *Oberonia kempteri* Schltr.1919.

kempteriana: cf. *Liparis kempteriana* Schltr.1911. Noted he named it for A.Kempter (+ belonging to), a friend and collecting companion, for almost two years, during an expedition to German New Guinea (: PNG.).

kempterianum: as *kempteriana*. cf. *Dendrobium kempterianum* Schltr.1912.

kemulense: listed for place name: from Gunung Kemoel (aka. Mt.**Kemul**), Borneo. cf. *Bulbophyllum kemulense* J.J.Sm.1931.

kemulensis: as *kemulense*. cf. *Liparis kemulensis* J.J.Sm.1932.

kenae: listed for orig.coll., Isaac Kena. ex PNG., cf. *Bulbophyllum kenae* J.J.Verm.1993.

kenejiae: for place name: of Kenejia (valley), near Mt.Sangueti, Bismarck Range, west of Madang, PNG. cf. *Spathoglottis kenejiae* Schltr.1912.

kenejiana: belonging to Kenejia, see *kenejiae*. cf. *Eria kenejiana* Schltr.1912.

kenejianum: as *kenejiana*. cf. *Bulbophyllum kenejianum* Schltr.1913. syn. *B. longiflorum*.
More info., see *longiflorum*, + of interest, see *africanum*.

kenejianus: as *kenejiana*. cf. *Cylindrolobus kenejianus* (Schltr.) Rauschert 1983. syn. *Eria kenejiana*.
kenejiense: as *kenejiae* (+ from). cf. *Bulbophyllum kenejiense* W.Kitt. 1985.
kenepaiense: for place name: from Gunung (: Mt.) Kenepai, Borneo. cf. *Dendrobium kenepaiense* J.J.Sm. 1918.
kenepaiensis: as *kenepaiense*. cf. *Distichorchis kenepaiensis* (J.J.Sm.) M.A.Clem. 2003. syn. *Dendrobium kenepaiense*.
keniae: a Lat'd. adaption: of Kenya. This species is noted to have been found (only?) at Mt. Kenya, Africa. cf. *Angraecum keniae* Kraenzl. 1893.
keniense: as *keniae*, with *-ense*: from Kenya. cf. *Kryptostoma keniense* (Summerh.) Szlach. 1995. syn. *Habenaria keniensis*.
keniensis: as *keniense*. cf. *Habenaria keniensis* Summerh. 1942.
kennedyi: listed for orig.coll., botanist and author George C.Kennedy (+ of). ex Durango state, Mexico, cf. *Encyclia kennedyi* (Fowlie & Withner) Hágsater 1973.
kennyi: listed for orig.coll., F.Hamilton-Kenny (+ of). cf. *Calanthe veratrifolia* var. *kennyi* F.M.Bailey 1912. syn. *Calanthe triplicata*.
kentrochila: as *kentrochilum*. cf. *Callista kentrochila*. syn. *Dendrobium kentrochilum*.
kentrochilum: ref. *kentron*: spur + lip. Has an erect projection at the base of the lip. cf. *Dendrobium kentrochilum*.
kentrochilus: as *kentrochilum*. cf. *Eurycaulis kentrochilus* (Hook.f.) M.A.Clem. 2003. syn. *Dendrobium kentrochilum*.
kentrophylla: spur + leaf, as *kentrophyllum*. cf. *Callista kentrophylla*. syn. *Dendrobium kentrophyllum*.
kentrophyllum: spur + leaf. Noted the fleshy leaves were likened to being spur-shaped. cf. *Dendrobium kentrophyllum*.
kentuckiense: from Kentucky state, USA. cf. *Cypripedium kentuckiense* C.F.Reed 1981.
keralense: for place name: from Kerala state, s.west coast India. cf. *Bulbophyllum keralense* M.Kumar & Sequiera 2001.
Keranthus: Lour.ex Endl. 1836: probably ref *keras*: horn + flower. syn. *Dendrobium*. Ref. to *Dendrobium crumenatum*, a closed flower could be likened to a small horn.
kerasovinensis: ref. Kerásovon (+ from). Have noted two towns and two villages with this name, all of Epirus, Greece. cf. *Dactylorhiza x kerasovinensis* B.& E.Willing 1987.
keraudrenae: listed for phytologist and author, Ms.Monique Keraudren [+ of] (1928-1981). ex n.east Madagascar, cf. *Neobathiea keraudrenae* Toill.-Gen.& Bosser 1964.
kerewense: for place name: from Mt.Kerewa, centrally south of Wewak, PNG. cf. *Dendrobium kerewense* P.Royen 1979. syn. *D. decockii*.
kerewensis: as *kerewense*. cf. *Glossorhyncha kerewensis* P.Royen 1979 (syn.). Noted as possibly a *Glomera* species.
kerigomnensis: from Mt. Kerigomna, central highlands, near the town of Goroka. cf. *Ceratostylis kerigomnensis* P.Royen 1979. Noted as endemic to PNG.
Kerigomnia: P.Royen 1976, see *kerigomnensis*. syn. *Octarrhena* Thwaites.

kerintjiense: for place name: from Gunung (Mt.) Kerinci, Sumatra, more info. see *korinchense*, *korintjiense*. cf. *Dendrochilum ophiopogonoides* var. *kerintjiense* J.J.Sm.1932.

kerintjiensis: as *kerintjiense*. cf. *Hetaeria kerintjiensis* J.J.Sm.1928 (syn.).

kermesina: see *kermesinus*. cf. *Disperis kermesina*.

kermesinostriatum: see *kermesinus* + see *stria*, *striate*. cf. *Pedilochilus kermesinostriatum*.

kermesinum: see *kermesinus*. cf. *Bulbophyllum kermesinum*.

kermesinus: a colour term: a full pure red, as carmine. In ancient times, ref. *kermes*: a scale insect from which a red dye-stuff was extracted. Much desired for dyeing cloth, was very expensive and a major status symbol. (+ Suffix, see *-ina*: like, or for the colour).

kermesinus: see last entry. cf. *Elleanthus kermesinus*.

kermesium: see *kermesinus* for the colour + different suffix: like, etc. cf. *Epidendrum kermesium*.

kerneriorum: listed for botanist and naturalist, A.Kerner (fl.c1865) + suffix: of, belonging to. ex westn. Europe, etc., cf. *Dactylorhiza x kerneriorum* (Soó) Soó 1962.

Kerosphaeraeae: ref. *keros*: wax + spheres (ref. the pollinia), + suffix denotes it's a tribe.

kerrii: listed for orig.coll., phytologist, author and authority, Allen D.Kerr (+ of). ex Malay Peninsula. cf. *Cleisostoma kerrii* Seidenf.1975. + See next entry.

kerrii: listed for Arthur Francis George Kerr (1877-1942), who lived in Thailand for over 30yrs. Naturalist, botanist, author, collector and authority on orchids of the SE.Asia region. cf. *Galeola kerrii* Rolfe ex Downie 1925. syn. *G. cathcartii*.

kerryensis: for place name: from County Kerry, s.west Ireland. cf. *Dactylorhiza kerryensis* (Wilmott) P.Hunt & Summerh.1965. syn. *D. majalis* ssp.*occidentalis* (: of the west).

kestevenii: cf. *Dendrobium x kestevenii** Rupp 1931. Noted, he named it for fellow orchidist and naturalist, Dr.Hereward Leighton Kesteven MD.(1881-1964). A lithophyte and natcross, endemic to NSW., Aust. *syn. *D. x delicatum*.

kestrochila: see *kestron* + *lip*. cf. *Octomeria kestrochila*.

kestron: ref. *kestron*: roughness of the tongue. Ref. the labellum. cf. *Bulbophyllum kestron*.

kettieana: listed for orig.coll., Mrs.Kettie Waras. ex Brazil, cf. *Sophronitis kettieana* (Pabst) Van den Berg & M.W.Chase 2000.

kewense: from Kew. Noted it was first flowered at the RBG., Kew, Eng. ex west Africa, cf. *Bulbophyllum kewense* Schltr.1914. syn. *B. falcatum* var. *velutinum*.

kewensis: as *kewense*. cf. *Archivea kewensis*. More info., see *Archivea*.

keyensis: a sort of phonetic spelling: from Keplauan **Kai**, a group of islands, Maluku, Indon. cf. *Habenaria keyensis* Schltr.1911.

keysseri: listed for orig.coll., the Rev.C.Keysser (+ of), a missionary who collected in the Huon Peninsula area, PNG., early 1900s. cf. *Ceratostylis keysseri* Schltr.1919. Noted as endemic to PNG.

keytsiana: as *keytsianum*. cf. *Glomera keytsiana* J.J.Sm.1913.

keytsianum: listed for place name: of Johannes Keyts Range, Papua, Indon. cf. *Dendrobium keytsianum* J.J.Sm.1913.

khanhoaense: from Khánh Hòa Province, sthn. Vietnam. cf. *Dendrobium khanhoaense* Aver.1999.

khaoyaiense: for place name: from Khao Yai N.Park, Thailand. cf. *Bulbophyllum khaoyaiense* Seidenf.1970.

hasiaensis: see *hasiana* (+ different suffix: origin; from). cf. *Sarcanthus hasiaensis* T.Tang & F.T.Wang 1951. syn. *Cleisostoma aspersum*.

hasiana: belonging to the Khasi, an ethnic group of people of Meghalaya state, and/or refs. to a region of that state, Khasia (Khasi) Hills, n.east India. cf. *Thelasis hasiana* Hook.f.1894.

hasianum: as *hasiana*. cf. *Agrostophyllum hasianum* Griff.1844. syn. *A. planicaule*.

hasianus: as *hasiana*. cf. *Thelasis hasianus* Hook.f.

hasiensis: see *hasiana* (with different suffix: from). cf. *Habenaria pectinata* var.*hasiensis* Pradhan 1979. syn. *Habenaria arietina*.

hasiyanum: see *hasiana*. cf. *Agrostophyllum hasiyanum* Griff.1844. syn. *A. planicaule*.

hasyana: see *hasiana*. cf. *Coelogyne hasyana* Rchb.f. syn. *Pholidota articulata*.

hasyanum: see *hasiana*. cf. *Bulbophyllum hasyanum* Griff.1851.

khiriwongensis: listed for place name: from Kirivôngs, a town of central sthn. Cambodia. cf. *Didymoplexiopsis khiriwongensis* Seidenf.1997. Noted as endemic and monotypic.

khuzestanica: belonging to the Khuzistan (Plain) region, Iran (between the border of Iraq and the Zagros Mtns.). cf. *Ophrys khuzestanica* (Renz & Taubenheim) P.Delforge 1990. syn. *Ophrys umbilicata* ssp.*attica*.

kiauense: from Kiau (village) near Mt.Kinabalu, Sabah, Borneo. cf. *Dendrobium kiauense* Ames & C.Schweinf.1920.

kibilana: listed for place name (+ belonging to). This species is scattered through thirty countries in Africa and the most likely ref. seems to be Kibila (village), near Upemba N.Park, Katanga, Congo (DRC.). cf. *Eulophia guineensis* var.*kibilana* Schltr.1915. syn. *E. guineensis*.

kienastiana: see *kienastianum*. ex Mexico, etc., cf. *Sobralia macrantha* var.*kienastiana* Rchb.f.1888.

kienastianum: cf. *Epidendrum kienastianum* Rchb.f.1887 ex Mexico. Listed for Consul Kienast-Zolly (+ belonging to) of Zurich, Switzerland. (Orig.coll.?, as he is noted as having collected in Mexico.)

kienastii: as *kienastianum*. cf. *Encyclia kienastii* (Rchb.f.) Dressler & G.E.Pollard 1971.

kietaense: for place name: from Kieta, a major town of Bougainville (island), PNG. cf. *Dendrobium kietaense* Schltr.1912.

kiiensis: from the Kii Sanchi (mtn. range), Nara-ken Prefecture, Honshu, Japan. cf. *Lecanorchis kiiensis* Murata 1975. syn. *L. japonica*.

kilimanjari: see *kilimanjarica*. cf. *Habenaria kilimanjari* Rchb.f.1881.

kilimanjarica: for place name: belonging to Mt.Kilimanjaro, Tanzania, highest mtn. in Africa. cf. *Disperis kilimanjarica* Rendle 1895.

killipii: listed for phytologist and author, Ellsworth Paine Killip (1890-1968). ex Colombia, cf. *Pleurothallis killipii* Garay 1956.

kimballiana: belonging to Kimball. Listed for noted grower and generous patron of horticulture, W.S.Kimball of Rochester, New York, USA. cf. *Phalaenopsis kimballiana* W.H.Gower. syn. *P. reichenbachiana*.

kimballianum: as *kimballiana*. ex Mt.Kinabalu, Borneo, cf. *Paphiopedilum* x *kimballianum* (Rchb.f.) Rolfe 1896.

kinabaluense: from Gunung (Mt.) Kinabalu (in Kinabalu N.Park), Sabah, Borneo. cf. *Epigeneium kinabaluense* (Ridl.) Summerh. 1957.

kinabaluensis: as *kinabaluense*. cf. *Calanthe kinabaluensis* Rolfe 1914.

Kinetochilus: ref. *kinetos*: movable + lip.= *Dendrobium* section.

Kinetochilus: (Schltr.) Brieger 1981, as *Kinetochilus*. syn. *Dendrobium* Sw.

Kinetoglossum: ref. *kinetos*: movable + tongue.= *Octomeria* section. syn. *Octomeria* section *Teretifolia* subsection *Scirpoideae*.

kingiana: see *kingianum*. cf. *Tropilis kingiana* (Bidw. ex Lindley) Butzin 1982. syn. *Dendrobium kingianum*.

kingianum: cf. *Dendrobium kingianum* Bidw. ex Lindley 1844, a very important species, noted as endemic to Aust. John Bidwill (more, see Bidwill at "B") is reported to be the orig.coll., giving the specp. for Captain (later, Rear Admiral) Philip Parker King R.N.(1793-1856), born Norfolk Island (Aust.). He commanded an expedition on HMC.(His Majesty's Cutter) "Mermaid", mapping and exploring the coastline of n.thn. Aust. c1820. (Of interest to note the famous botanist and explorer, Allan Cunningham [see *cunninghamii*] was also a member of the team.). Captain King had a very honoured career and was an accomplished author of natural history (+ of his expeditions). He retired to NSW. and became a distinguished politician.

kingianus: as *kingianum*. cf. *Thelychiton kingianus* (Bidw.ex Lindley) M.A.Clem.& D.L.Jones 2002. syn. *Dendrobium kingianum*.

Kingidium: P.F.Hunt 1970, see *Kingiella* + dimin. suffix. Noted as likened to a small *Kingiella*. syn. *Phalaenopsis* Blume.

Kingiella: Rolfe 1917. Listed for Sir George King (1840-1909), botanist, author and authority, esp. on Indian orchids (+-ella: respectful suffix). Often worked with colleague, Robert Pantling (see *Pantlingia*). Descs. accr. to them are noted as: King & Pantl. eg. *Kingiella hebe*. syn. *Phalaenopsis deliciosa*.

kingii: for orig.coll., see *Kingiella*. ex India to Thailand, cf. *Bulbophyllum kingii* Hook.f.1890. syn. *Acrochaene punctata*. + See next entry.

kingii: listed for orig.coll., Copeland King. ex British New Guinea (Papua, of PNG.), cf. *Eria kingii* F.Muell.1882. Pers.coll. from near Iloilo, PM.PNG., locally fairly common.

kinoshitae: listed for place name (+ of), ex Sth. Kuril Islands (Russian territory, n.east of Japan). cf. *Amitostigma kinoshitae* (Makino) Schltr.1919.

Kionophyton: Garay 1982: ref. *kionos*: snow + plant. ex Mexico to Costa Rica, eg. *Kionophyton pyramidalis*.

kiparissensis: for place name (+ from), only listed as ex Greece. Noted many places (mostly, towns and villages), starting with Kipariss-. eg. The first one given:

Kiparissía, a coastal city of Messinía, westn. Peloponnesus. cf. *Ophrys* x *kiparissensis* B.& E.Willing.

kiraishiensis: a sort of phonetic, Lat'd. spelling. Listed for place name: from Chilaishan (a mtn.?), Taiwan. cf. *Ponerorchis kiraishiensis* (Hayata) Ohwi.

kiriromensis: from Kirirom N.Park, s.west Cambodia. cf. *Liparis kiriromensis* Tixier 1968.

kirishimensis: listed for place name (+ from), ex Hachijo Islands (: Hachijo-jima, due sth. of Tokyo). Or, may be ref. Kirishima (town) and/or, (now) Kirishima-Yaku N.Park of Kyushu, Japan (?). cf. *Calanthe kirishimensis* Yatabe 1893. syn. *C. aristulifera*.

kirkii: listed for orig.coll., Sir John Kirk (+ of), British Consul to Zanzibar c1880. cf. *Aerangis kirkii* (Rchb.f.) Schltr.1918.

kirkwoodiae: listed for orig.coll., Ms.Kirkwood. ex Atherton Tableland, nth. Qld., Aust. cf. *Bulbophyllum kirkwoodiae* T.E.Hunt 1950. syn. *B. johnsonii*.

kisanfuensis: from Kisanfu (village), Katanga Prov., Congo (DRC.), Africa. cf. *Eulophia kisanfuensis* De Wild.1919. syn. *E. seleensis*.

kitamurai: listed for botanist and author, Siro Kitamura (b1906). ex s.east Taiwan, cf. *Eulophia kitamurai* Masam.1932. syn. *E. taiwanensis*.

kitimboana: belonging to Kitimbo (village), of Senegal, just over the sthn. border of The Gambia, west Africa. cf. *Habenaria kitimboana* Kraenzl.1914. syn. *Platycoryne buchananiana* (Kraenzl.) Rolfe.

kitimboense: from Kitimbo, as *kitimboana*. cf. *Satyrium kitimboense* Kraenzl.1914.

kitondo: for place name: Kitondo. Noted three places with this name, a village and a town in Congo (DRC.) and a village in s.east Tanzania. cf. *Habenaria kitondo* De Wild.1902. syn. *Platycoryne buchananiana* (Kraenzl.) Rolfe 1898.

kittredgei: listed for Walter Kittredge of Harvard Univ. Herbaria, USA. Author, phytologist and bot. artist. Descs. accr. to him are abbr. to: Kittr. ex the Philipp., cf. *Synarmosepalum kittredgei* Garay, Hamer & Siegerist 1984.

kiusiana: a sort of phonetic, Lat'd. spelling: of, or belonging to Kyushu Island, Japan. cf. *Lecanorchis kiusiana* Tuyama 1955.

kivuense: listed for place name: from Lake Kivu area, Rwanda, Africa. cf. *Bulbophyllum kivuense* J.J.Verm.1986.

kizanensis: from Kizan Islands, (Kuei-shan Tao), off n.east Taiwan. cf. *Microstylis kizanensis* Masam.1933. syn. *Malaxis ophrydis*.

klabatense: from Gunung Klabat, a volcano of Sulawesi Utara, Sulawesi, Indon. cf. *Bulbophyllum klabatense* Schltr.1911.

klabatensis: as *klabatense*. cf. *Phaius klabatensis* J.J.Sm.1926.

klabochii: as *klabochiorum*. cf. *Zygopetalum klabochii*.

klabochiorum: was listed as such in the book I was working on, as: cf. *Pescatoria klabochiorum* (Rchb.f.) Schltr. In the official list, there is no "i" + note the different authors (see next entry). Ref. Klaboch + of, belonging to, for brothers Franz & Edward Klaboch, who died in a tragic accident whilst collecting in the Brazilian Andes.

klabochorum: see *klabochiorum*. ex Ecuador, cf. *Pescatoria klabochorum* Rchb.f.1879 (?).

kleinii: of Klein. Listed for phytologist and author, Erich Klein. ex sthn. France and Spain, cf. *Epipactis kleinii* M.B.Crespo, M.R.Lowe & Piera 2001.

klingeana: belonging to Klinge, see *klingei*. ex Germany, cf. x *Dactylodenia klingeana* (Asch.& Graebn.) Peitz 1972.

klingei: listed for botanist, Johannes Christoph Klinge [+ of] (1851-1902). Listed as a natcross, ex France, cf. *Anacamptis* x *klingei* (P.Fourn.) ined.

klopfensteiniae: listed for Ms.Elizabeth Klopfenstein, a talented bot. artist, botanist and co-author (with Dr.P.Toussaint) of *Orchidaceae Belgicae* (: The orchid family, [those] belonging to Belgium 1983-'87). Listed as ex France, cf. *Orchis* x *klopfensteiniae* Delforge 1984.

klossii: listed for orig.coll., C.Boden Kloss of Federal Malay States Museum, Kuala Lumpur, Malaya. + He was with an expedition to the Carstensz Mtns., Papua, Indon., 1910. Noted as ex New Guinea, cf. *Bulbophyllum klossii* Ridl.1916.

klotzscheana: see *klotzschianum*. ex Ecuador, cf. *Sobralia klotzscheana* Rchb.f.1849.

klotzscheanum: see *klotzschianum*. ex Colombia to Venezuela, cf. *Epidendrum klotzscheanum* Rchb.f.1849.

klotzscheanus: as *klotzschianum*. ex Venezuela, cf. *Telipogon klotzscheanus* Rchb.f.1849.

klotzschiana: as *klotzschianum*. ex Brazil, cf. *Pleurothallis klotzschiana* Rchb.f.1849.

klotzschianum: listed for Johann Friedrich Klotzsch [+ belonging to] (1805-1860). A German phytologist, author and Director of the Berlin Botanic Garden. ex Guyana, Venezuela and Brazil, cf. *Phragmipedium klotzschianum* (Rchb.f.) Rolfe 1896.

knightae: belonging to Knight. Listed for botanist and author, O.W.Knight. ex westn. USA., cf. *Cypripedium knightae* A.Nelson 1906. syn. *Cypripedium fasciculatum*.

knorringiana: belonging to Knorring. Listed for botanist and author, O.E.Knorring [later, Knorring-Neustrjeva] (1896-1979). Descs. are abbr. to: Knorr. Listed as ex Kirghiz (: Kyrgyz mtn. range) , bordering Kazakhstan and Kyrgyzstan. cf. *Orchis knorringiana* (Kraenzl.) Czerniak.1951. syn. *Dactylorhiza umbrosa*.

knowlesii: listed for noted grower, John Knowles of Manchester, Eng. ex Brazil to Ecuador, cf. *Burlingtonia knowlesii* B.S.Williams 1894. syn. *Rodriguezia venusta*.

kobi: listed for orig.coll., J.D.Kobus. ex Java, cf. *Malaxis kobi* (J.J.Sm.) J.B.Comber 1990.

kochii: listed for botanist and author, Karl Heinrich Emil Ludwig Koch (1809-1879). cf. *Orchis anatolica* var.*kochii* Boiss.. syn. *Orchis anatolica*.

Kochiophyton: Schltr. ex Cogn.1906: "Koch's plant". Listed for orig.coll., Grunberg Christian Theodor Koch (b1872). A German botanist, naturalist, anthropologist and explorer, descs. accr. to him are noted as: G.Koch. ex The Rio Negro, Colombia, eg. *Kochiophyton caeruleus*. syn. *Aganisia cyanea*.

kodayarensis: for place name (+ from), listed as ex sthn.India, and/or of Sri Lanka. Found one ref. to Kodayanna, a town (or, village?) of s.east Sri Lanka (?). cf. *Dendrobium diodon* ssp.*kodayarensis* Gopalan & A.N.Henry 1989.

kodiakensis: for place name: from Kodiak Island, Alaska. cf. *Dactylorhiza aristata* var. *kodiakensis* Luer & G.M.Luer.1972.

koehleri: listed for botanist, naturalist and author, Georg Ludwig Koeler [Koehler?] (1765-1807). ex Peru, cf. *Elleanthus koehleri* Schltr.1912.

koehlerorum: belonging to Koehler (Koeler ?, see *koehleri*). ex Peru, cf. *Brassia koehlerorum* Schltr.

Koellensteinia: Rchb.f.1854. Listed for Captain Kellner von Koellenstein, an Austrian army officer. ex Brazil, eg. *Koellensteinia florida* (: rosy-purple).

koenigii: listed for botanist, Karl Wilhelm Koenig (1808-1874). ex Indo-China to Sumatra, cf. *Appendicula koenigii* Hook.f.1890. syn. *Appendicula hexandra*.

koenigii: listed for botanist and author, Johann Gerhard König [Koenig] (1728-1785). Noted as ex Japan to Iceland, cf. *Orchis koenigii* Gummerus 1772. syn. *Platanthera hyperborea* (L.) Lindley.

koeteiana: as *koeteianum*. cf. *Ceraia koeteiana* (Schltr.) M.A.Clem.2003. syn. *Dendrobium aciculare*.

koeteianum: belonging to Kutai region (now: Kutai N.Park), Kalimantan Timur, eastn. Borneo. cf. *Dendrobium koeteianum* Schltr.1906. syn. *D. aciculare*.

koeteiense: as *koeteianum* (different suffix: from, etc.) cf. *Cleisostoma koeteiense* (Schltr.) Garay 1972.

koeteiensis: as *koeteiense*. cf. *Brachyepiza koeteiensis* (Schltr.) Garay 1972.

koghiensis: for place name (from Koghe?), listed as ex New Caledonia. cf. *Sarcochilus koghiensis* Schltr.1911.

koidzumiana: listed for botanist, Hideo Koidzumi (+ belonging to). ex Ryukyu Islands (Japan), cf. *Stereosandra koidzumiana* Ohwi 1937. syn. *S. javanica* Blume.

kokanica: belonging to Kokan (: Dikbiyik), a town of Van Prov., Turkey. cf. *Cephalanthera kokanica* Regel ex Nevski. syn. *Epipactis gigantea*.

kolaensis: from Kola, for the peninsula, or the city (?), just sth. of Murmansk city, Kola Peninsula, Russia. cf. *Dactylorhiza kolaensis* (Montell) Aver.1984. syn. *Dactylorhiza maculata* ssp.*elodes*.

kolopakingii: listed for noted grower and authority, A.Kolopaking, a Javanese nurseryman. ex Borneo, cf. *Paphiopedilum kolopakingii* Fowlie 1984.

kolweziensis: from Kolwezi city, Katanga Region, s.east Congo (DRC.). cf. *Habenaria kolweziensis* Geerinck & Schaijes 1990.

kolymbiae: of Kolímbia, an east coast town of Rhodes island, eastn. Aegean Sea, Greece. cf. *Ophrys x kolymbiae* G.& H.Kretzschmar 1998. syn. *O. x simica*.

komarovii: listed for botanist and author, V.L.Komarov [+ of]. ex Korea, cf. *Platanthera komarovii* Schltr.1918.

komiensis: for place name: from the Komi Autonomous Soviet Socialist Republic (Russia). cf. *Dactylorhiza x komiensis* Aver.1982.

komoricensis: for place name (+ from), only listed as ex eastn. central Europe (Czechoslovakia?). cf. *Epipactis komoricensis* Mered'a 1996.

kompsopus: ref. *kompsos*: elegant + foot. cf. *Taeniophyllum kompsopus*.

kondensis: for place name (+ from), only listed as ex trop. and subtrop. Africa. Noted many towns and villages called Konde, Kondo, or Kondu (see *kondensis*). cf. *Eulophia kondensis* Butzin 1975. syn. *E. cucullata*.

konduensis: from Kondu. Noted two villages, of this name, one in the s.west, the other in the s.east of Nigeria, west Africa. cf. *Microcoelia konduensis* (De Wild.) Summerh.1943.

kontumense: listed for place name, may be: from Gialai **Kontum**, sthn. Vietnam. Also noted a city and a nearby village called **Kon Tum**, in the Annam Highlands, Vietnam (?). cf. *Bulbophyllum kontumense* Gagnep.1950.

koordersii: of Koorders. For orig.coll., phytologist and author, Sijfert Hendrik Koorders (1863-1919). Descs. accr. to him are abbr. to: Koord. ex the Celebes, Indon., cf. *Cirrhopetalum koordersii* Rolfe 1899. syn. *Bulbophyllum pulchrum*.

kopdagiana: phonetic and Lat'd. spelling for place name: belonging to Koçdag, a town of Van Prov., Turkey. + See *vanensis*. cf. *Dactylorhiza x kopdagiana* H.Baumann 1983.

kopetdagensis: listed as: from Köpetdag (mtn. range), s.west Turkmenistan. But in neighbouring Iran, the same range is listed as Köpetdag Gershi (?). cf. *Ophrys kopetdagensis* K.P.Popov & Neshat.1982.

koreana: belonging to Korea. cf. *Liparis koreana* (Nakai) Nakai 1952.

koreanum: belonging to Korea. cf. *Cypripedium guttatum* var. *koreanum* Nakai 1952. syn. *Cypripedium guttatum*.

koeresii: listed for Paul Kores (+ of), author, phytologist and bot. artist, based at the Wau Ecological Institute and specialising in Rhododendrons. Worked with P.van Royen (see *royenii*) on field trips and assisted closely with him in the compilation of the "Alpine Flora of New Guinea". cf. *Corybas koeresii* P.Royen.

korimense: for place name (+ from), listed as ex the Schouten Islands, n.east of Wewak, PNG. But, also ref. Korim, a town of east coast Biak Island, east of Vogelkop Peninsula, Papua, Indon. The latter seems more likely to be the location, as the author did spend quite some time in this region.. cf. *Bulbophyllum korimense* J.J.Sm.1929.

korinchense: listed for place name: from Gunung (Mt.) Kerinci (aka. Koerintji) a volcano of Sumatera Barat (: SumatraWest), Indon. + See *korintjiense*, *kerintjiense*: obviously for the same place. cf. *Dendrobium korinchense* Ridl.1917.

korinchensis: as *korinchense*. cf. *Peristylus korinchensis* Ridl.1917.

korintjiense: see *korinchense*. cf. *Dendrobium korintjiense* J.J.Sm.

korthalsiana: as *korthalsii*. ex Sumatra, cf. *Habenaria korthalsiana* Kraenzl.1893.

korthalsii: listed for botanist, Pieter Willem Korthals [+ of] (1807-1892), who was employed by the Dutch government to collect for them. Descs. accr. to him are abbr. to: Korth. He collected in s.east Borneo, inland from Banjarmasin and in the Archipelago. cf. *Dendrobium korthalsii* J.J.Sm.1917.

koshunensis: for place name (+ from), listed as ex Nanshei-shoto islands to Taiwan. cf. *Anoectochilus koshunensis* Hayata 1914.

kotoense: listed for place name: from Koto-syu (island), Taiwan. cf. *Tuberolabium kotoense* Yamam.1926.

kotoensis: as *kotoense*. cf. *Appendicula kotoensis* Hayata 1911. syn. *A. reflexa*.

kotoinsularis: Koto + island + of (+ see *kotoense*), Taiwan. cf. *Phreatia kotoinsularis* Fukuy.1936. syn. *Phreatia formosana*.

kotschyana: belonging to Kotschy. Listed for orig.coll., Viennese botanist, Karl Georg Theodor Kotschy (1813-1866). ex central to Sth.Africa, cf. *Aerangis kotschyana* (Rchb.f.) Schltr.1918.

kotschy anum: as *kotschyana*. cf. *Angraecum kotschy anum* Rchb.f.1864. syn. *Aerangis kotschyana*.

kotschy i: as *kotschyana*. cf. *Angraecum kotschy i* Rchb.f.1880. syn. *Aerangis kotschyana*.

koutsourana: for place name: belonging to Koutsourás, a coastal town of Lasithi, sthn. Crete, Greece. cf. *Dactylorhiza x koutsourana* B.& E.Willing 1989.

kouytcheensis: for place name (+ from), listed as ex sthn. central China. Noted one ref., that sounds like it: Kuo-te-chen (: Matou) city of Guangxi Zhuang Autonomous Region (?). cf. *Pholidota kouytcheensis* Gagnep.1931.

koyanense: listed for place name: from Ulu (: Upper) Koyan, Borneo. cf. *Bulbophyllum koyanense* Carr 1935. syn. *B. caudatisepalum*.

kozanica: belonging to Kozan. Noted quite a few towns and some cities of this name, in the general region of Turkey. cf. *Ophrys x kozanica* B.& E.Willing.

krabiense: listed for place name: from Krabi Prov., Thailand (+ Ref. Gulf of Krabi area). cf. *Cleisostoma krabiense* (Seidenf.) Garay 1972.

krabiensis: as *krabiense*. cf. *Sarcanthus krabiensis* Seidenf.1969. syn. *Cleisostoma krabiense* (Seidenf.) Garay.

kraemeri : listed for Captain-Lieutenant J.H.G.Krämer (+ of), leader of an expedition to Papua, Indon. 1921-'22. cf. *Dendrobium kraemeri* Schltr.1914.

x *Kraenzlinara*: Garay & H.R.Sweet: of, or belonging to Kränzlin, see *Kraenzlinella*. On the syn. list, as the result of *Euanthe x Trichoglottis x Vanda*.

Kraenzlinella: Kuntze 1903. For German phytologist, collector, authority and prolific author, Fritz Wilhelm Ludwig Kränzlin (1847-1934) +-ella: respectful suffix. Descs. accr. to him are noted as Kränzlin, or abbr. to Kraenzl. ex Mexico to Venezuela, eg. *Kraenzlinella platyrachis*. syn. *Pleurothallis endotrachys*.

kraenzliniana: belonging to Kränzlin, see *Kraenzlinella*. ex Sth. Africa, cf. *Habenaria kraenzliniana* Schltr.1895.

kraenzlinianum: as *kraenzliniana*. ex Brazil, cf. *Catasetum kraenzlinianum* Mansf.1932.

kraenzlinii: see *Kraenzlinella*. ex Fiji, cf. *Dendrobium kraenzlinii* L.O.Williams 1938.

Kraenzlinorchis: Szlach.2004: "Kränzlin's orchid", info. see *Kraenzlinella*. syn. *Habenaria Willd.*

krameri: listed for orig.coll., Carl Krämer (+ of), a German mercenary for the Eng. nurserymen, Veitch & Sons. ex Costa Rica to Panama, cf. *Odontoglossum krameri* Rchb.f.1868.

krameriana: for Franz Krämer (+ belonging to), a head gardener to Herr Rücker-Jenisch, noted grower of Hamburg, Germany, first to flower it. ex Costa Rica, etc., cf. *Psychopsis krameriana* Rchb.f.1868. syn. *Oncidium kramerianum*.

kramerianum: as *krameriana*. ex Costa Rica, etc., cf. *Oncidium kramerianum* Rchb.f.1855.

kranzlinianum: belonging to Kränzlin, see *Kraenzlinella*. ex Madagascar, cf. *Angraecum kranzlinianum* H.Perrier 1941.

kranzlinii: of Kränzlin, see *Kraenzlinella*. ex Colombia, cf. *Odontoglossum kranzlinii*. Was listed as such, but the official listing is *O. kraenzlinii* O'Brien 1893.

kratense: from Trat (aka., **Krat**) a town of s.east Thailand, near Cambodia.. cf. *Dendrobium kratense* Kerr 1927.

krauseana: belonging to Krause. Listed for botanist and author, Kurt Krause (1883-1963). ex nthn.Sumatra, cf. *Appendicula krauseana* Schltr.1912.

kraussii: listed for botanist and author, Otto Krauss [+ of] (?-1935). cf. *Disa kraussii* Rolfe 1913. syn. *Disa pulchra*.

krebsii: listed for orig.coll., C.Krebs. ex Africa, cf. *Eulophia krebsii* (Rchb.f.) Bolus 1889.

Kreodanthus: Garay 1977: ref. *kreos*: flesh (as, meat) + flower. The "d" in the centre of the word may be just a spacer, or could mean, -like. ex Peru, eg. *Kreodanthus simplex*.

kreutziana: listed for botanist and author, C.A.J.Kreutz (+ belonging to). ex Cyprus, cf. *Ophrys x kreutziana* P.Delforge 1990.

kruegeri: listed for H.Crüger, see *cruegeri*. ex Trop.Sth.America, cf. *Ornithocephalus kruegeri* Rchb.f.1863. syn. *O. ciliatus*.

krugii: listed for botanist and author, Carl Wilhelm Leopold Krug (1833-1898). ex Puerto Rico, cf. *Psychilis krugii* (Bello) Saulea 1988.

kruense: from Krui, a s.westn. coastal town of Lampung, Sumatra. cf. *Dendrobium kruense* J.J.Sm.1926.

kruensis: as *kruense*. cf. *Eurycaulis kruensis* (J.J.Sm.) M.A.Clem. 2003. syn. *Dendrobium kruense*.

kryptocheilum: hidden + lip. cf. *Dendrobium kryptocheilum*.

Kryptostoma: (Summerh.) Geerinck 1982: hidden + mouth. syn. *Habenaria* Willd.

Kryptostoma: hidden + mouth.= *Habenaria* section.

kuanshanensis: for place name: from Kuanshan, a mountain and/or a town of s.east Taiwan. cf. *Listera kuanshanensis* H.J.Su 1999.

kubalae: for place name (: of Kubala?), only listed as ex Gabon, west Africa. cf. *Polystachya kubalae* Szlach.& Olszewski 2001.

kubangensis: from the Kubango (: Okavango) River, Angola, Africa. cf. *Eulophia calantha* var.*kubangensis* Schltr.1903. syn. *E. calantha*.

kuehnensis: from Kühn, a town of Bavaria, Germany. cf. *Dactylorhiza x kuehnensis* Presser & Reich.2000 (syn.).

kuenkelei: listed for phytologist and author, S.Künkele. ex Algeria to Tunisia, cf. *Platanthera bifolia* var.*kuenkelei* (H.Baumann) P.Delforge 2000.

Kuhlhasseltia: J.J.Sm.1910. Listed for two Dutch botanists and naturalists, H.**Kuhl** & J.van **Hasselt** [+ of] (see entries: *kuhl* and *hasselt*). ex Ambon Island, Maluku, Indon., eg. *Kuhlhasseltia muricata* J.J.Sm.

kuhl: for orig.coll., Dutch botanist and author, Heinrich Kuhl [+ of] (1796-1821) + see *Kuhlhasseltia*. ex west Java, cf. *Dendrobium kuhl* (Blume) Lindley 1830.

kuhlmannianum: belonging to Kuhlmann, see *kuhlmannii*. ex Brazil, cf. *Stenorrhynchos kuhlmannianum* (Hoehne) ined.

kuhlmannii: listed for botanist, João Geraldo Kuhlmann (1882-1958). Descs. accr. to him are abbr. to: Kuhlman. ex Brazil, cf. *Habenaria kuhlmannii* Schltr.1925. syn. *H. trifida*.

kuhnae: as *kuhnorum*. ex Peru, cf. *Pleurothallis kuhnae* Luer 1976.

kuhnorum: belonging to Kuhn. Possibly refs. to phytologist, Ms. Janet Kuhn. ex Peru, cf. *Masdevallia kuhnorum* Luer 1978.

kuijtii: for phytologist and author, Job Kuijt [+ of] (b1930). ex Ecuador, cf. *Lepanthes kuijtii* Luer & Hirtz 1984.

kulpensis: listed as: from Kulp, Turkey. Noted two minor cities, Kulp (: Tuzluca), Igdir Prov. and Kulp, Diyarbakir Prov. cf. *Ophrys x kulpensis* Kreutz 1992.

kumaonensis: same as *kumaunensis*. cf. *Peristylus kumaonensis* Renz 1987.

kumaunensis: for place name (+ from), only listed as ex the n. west Himalaya Mtns. cf. *Herminium kumaunensis* Deva & H.B. Naithani 1986.

kungii: listed for botanist and author, Hsien-Wu Kung (b1897). ex nthn. central China, cf. *Neottia kungii* T. Tang & F.T. Wang 1936.

kunstleri: listed for orig. coll., W. Kunstler (+ of), who also collected in the SE. Asia region. ex Borneo, cf. *Pomatocalpa kunstleri* (Hook.f.) J.J. Sm. 1912.

kuntzei: listed for German botanist, author and collector, Carl Ernst Otto Kuntze (1843-1907). ex Mexico, etc., cf. *Campylocentrum kuntzei* Cogn. 1898. syn. *C. micranthum*.

kupense: as *kupensis*. cf. *Bulbophyllum kupense* P.J. Cribb & B.J. Pollard 2004.

kupensis: for place name (+ from), only listed as ex Cameroon, west Africa. cf. *Polystachya kupensis* P.J. Cribb & B.J. Pollard 2002.

kupperi: noted as first flowered by Walter Kupper (1874-1953), a phytologist of Munich Bot. Garden. Listed as ex Costa Rica to Colombia, cf. *Kegeliella kupperi* Mansf. 1934.

kupperiana: belonging to Kupper, see *kupperi*. ex the Philipp., cf. *Vandopsis kupperiana* Kraenzl. 1921. syn. *Staurochilus luzonensis* (Ames) Ames 1925.

kurdica: ref. the Kurds (the people, see *kurdistanica*) + belonging to. Noted as first found in Iraq, cf. *Cephalanthera kurdica* Bornm. ex Kraenzl. 1895.

kurdistanica: belonging to Kurdistan. An undefined area of s. east Turkey, nthn. Iraq and n. west Iran. cf. *Ophrys kurdistanica* Renz 1978. syn. *Ophrys cilicica* Schltr. 1923.

kurokamiana: for place name: belonging to Mt. Kurokami (*Kurokami-Yama*), Kyushu, Japan. cf. *Ponerorchis kurokamiana* (Hatus. & Ohwi) M.H. Shaw 2003.

kurokamianum: as *kurokamiana*. cf. *Amitostigma kurokamianum* (Hatus. & Ohwi) Ohwi 1953. syn. *Ponerorchis kurokamiana*.

kurzii: listed for botanist and author, Wilhelm Sulpiz Kurz (1834-1878). ex India, cf. *Eria kurzii* Anderson ex Hook.f. 1890. syn. *Eria bractescens*.

kusaiense: from Kusaie (: Kosrae) island(s), easternmost of the Caroline Islands. cf. *Bulbophyllum kusaiense* Tuyama 1940.

kusaiensis: as *kusaiense*. cf. *Robiquetia kusaiensis* Fukuy. 1939.

kusukusense: listed for place name: from Kusukusu (village), sthn. Halmahera Island, Indon. cf. *Bulbophyllum kusukusense* Hayata 1914. syn. *B. affine*.

kusukusensis: as *kusukusense*. cf. *Diploprora kusukusensis* Hayata 1914. syn. *D. championii*.

kutaiensis: listed for place name: from Kutai area (now a N. Park), central east coast Borneo. + See *koeteianum*. cf. *Zeuxine kutaiensis* J.J. Sm. 1931.

kwangsiensis: from Kwangsi (: Guangxi Zhuang Autonomous Region), sthn. China. cf. *Galeola kwangsiensis* Hand.-Mazz.1936. syn. *Galeola lindleyana*.
kwangtungense: for place name: from Guangdong (aka. **Kwangtung**) Province. Another ref., also of Guangdong Prov., is Zhu Jiang (aka., **Kuang-tung** Ho) river, sthn. China. cf. *Bulbophyllum kwangtungense* Schltr.1924.
kwangtungensis: as *kwangtungense*. cf. *Goodyera kwangtungensis*. C.L.Tso 1933.
kwannon: listed for place name: Mt.Kwannonzan (-zan: -shan: mtn.?). cf. *Cymbidium kwannon*. syn. *Cymbidium ensifolium*.
kwashotense: listed for place name: from Kwashoto (village), Taiwan. cf. *Dendrobium kwashotense* Hayata 1914. syn. *D. crumenatum*.
kweitschuensis: got a good clue from the listed location and it seems to be a Lat'd., phonetic, German spelling for: from Kweichau (: Guizhou) Province, sthn. China. cf. *Habenaria kweitschuensis* Schltr.1921.
kyimbilae: for place name: of Kyimbila Mission, s.west Tanzania, Africa. cf. *Eulophia kyimbilae* Schltr.1915.
kymatoides: ref. *kymatos*: a wave + resembling. cf. *Oncidium kymatoides*. syn. *Trichocentrum carthagenense*.
kyphonantha: ref. *kyphos*: hump; bend + flower. The scape is almost vertical and the sepals are fused, forming a tube* which is bent at almost 90°, so the flowers face outwards. cf. *Masdevallia kyphonantha*. *See sepaline tube.

L.: after a generic name: the abbreviation for Linnaeus. See later listing.

labangense: listed for place name: from Gunung (: Mt.) Labang, Borneo. cf. *Dendrobium labangense* J.J.Sm.1920. syn. *Flickingeria labangensis*.

labangensis: as *labangense*. cf. *Flickingeria labangensis* (J.J.Sm.) J.J.Wood 1990.

labelloid: lip + like. Refs. to some organ(s), or part(s) likened to a labellum, eg. labelloid petals.

labellicauda: lip + tail. cf. *Calanthe labellicauda*.

labelloviride: lip + green. cf. *Esmeralda sanderiana* var. *labelloviride*. syn. *Euanthe sanderiana*.

labellum: is listed as adapted into orchid terminology, ex the dimin. of *labrum*: *labellum*.

The Lat. dictionary lists *labellum* as: lip and as a small basin. The Eng. dictionaries say it's *labellum*: small lip. Technically it's the posterior petal and is always discussed separately. Can also be called the median, or middle petal (very seldom used). Mostly it's highly modified to the other floral segments and is usually the most distinctive feature of the flower. Also called the lip, or the tongue. Of interest, see the entry for *labrum*.

labia: English adaption: lips. (+ ref. the sing. *labium*: lip). + See labellum, *labrum*.

labiata: see labiate. cf. *Cattleya labiata*.

Labiatae: see labiate.= *Stelis* section. syn. *Stelis* section *Stelis*.

labiate: lipped; lip-like; having an obvious, well-developed, or prominent lip. When Lat'd. in combwds., can also be for the lip (labellum), as the feature.

labiatum: see labiate. cf. *Oncidium labiatum*. syn. *Leochilus labiatus*.

labiatus: see labiate. cf. *Leochilus labiatus*.

labidoglossa: lip-like + tongue. cf. *Oberonia labidoglossa*.

labile: impermanent; shifting; unstable. Seen in discussions of habitats and refs. to how many species can move their locations quite some distance in a relatively short space of time. eg. ... labile populations.

labiosa: see *labiosus*. cf. *Ophrys labiosa*. syn. *O. ferrum-equinum*.

labiosum: see *labiosus*. cf. *Zygosepalum labiosum*.

labiosus: large lipped; distinctive, or prominent lip; full, or well developed lip.

labrofossa: lip + trench; ditch. cf. *Ophrys labrofossa*. syn. *O. bombyliflora*.

labrosa: large, or full lipped. cf. *Calanthe labrosa*.

labrosum: as *labrosa*. cf. *Armadorum labrosum*. syn. *Arachnis labrosa*.

labrum: the word was in a description and I got myself very confused by presuming it was for the labellum. I was checking the line-drawings, with my reading and got hopelessly lost! Eventually, I really don't know why, I looked up *labrum* and the light-bulb came on. Sure it means lip, **but**, also being for an edge; rim; brink, etc., and it had nothing to do with the labellum! + Also noted, the dimin. of *labrum* is *labellum*, so with a specep. like *aureolabellum*, it could mean it has a golden tongue (the labellum), or something is finely edged with a gold colour.

labuana: listed for place name: Labuan Island (+ belonging to), Borneo. cf. *Katherinea labuana* (Lindley) A.D.Hawkes 1956. syn. *Epigeneium labuanum*.

labuanum: as *labuana*. cf. *Epigeneium labuanum* (Lindley) Summerh.1957.

labukensis: listed for place name: from Kuala Labuk, Sabah, Borneo. cf. *Paraphalaenopsis labukensis* Shim, A.L.Lamb & C.L.Chan 1981.

Lacaena: Lindley 1843. Another of Prof. Lindley's fanciful names, for "beauty". Ref. *Lakaina*: another name for Helen of Troy, who, in Gk.myth., was the most beautiful woman in the world. Listed as ex Mexico to Colombia, eg. *Lacaena bicolor*.

lacaitae: listed for Eng. botanist, Charles Carmichael Lacaita (1853-1933). ex Sicily to sthn. Italy, cf. *Ophrys holoserica* ssp.*lacaitae* (Lojac.) W.Rossi 1983.

lacazei: for place name (+ of), only listed as ex France. Noted, Lacaze, a town of Tarn, Midi-Pyrenees and La Caze (village) of Dordogne, Aquitaine (?). cf. x *Orchimantoglossum lacazei* (E.G.Camus) Asch.& Graebn.1907. Noted as monotypic.

lacei: listed for orig.coll., botanist A.Lace (+ of). ex Amherst District, Burma (Myanmar), cf. *Eria lacei* Summerh.1929.

lacera: ref. *lacer*: torn, see lacerate. Ref. the fringed lip. cf. *Spiranthes lacera*.

lacerata: see lacerate. cf. *Liparis lacerata*.

lacerate: ref. *laceratus*: torn; ripped; cut up. Having deep and uneven slits (like cuts) to margins.

laceratum: see lacerate. cf. *Dendrobium laceratum*.

laceratus: see lacerate. cf. *Corybas laceratus*.

lacerta: a lizard, etc., see *lacerti*-. cf. *Liparis lacerta*.

lacerti-. ref. *lacertus*. A separate entry, as this has different meanings: a lizard; arm, the upper arm; an ocean fish, mostly (for us), it's usually to do with a lizard.

lacertifer: see *lacerti*-+ bearing. cf. *Peristylus lacertifer*.

lacertifera: see *lacerti*-+ bearing. cf. *Habenaria lacertifera*. syn. *Peristylis lacertifer*.

lacertiferum: as *lacertifera*. cf. *Coeloglossum lacertiferum*. syn. *Peristylus lacertifer*.

lacertiferus: as *lacertifera*. cf. *Peristylis lacertiferus*.

lacertina: lizard + like. cf. *Coilostylis lacertina*. syn. *Epidendrum lacertinum*.

lacertinum: lizard + like. cf. *Epidendrum lacertinum*.

lacerum: torn + see lacerate. cf. *Oncidium lacerum*. syn. *Trichocentrum stipitatum*.

lachnocheila: ref. *lachnos*: wool + lip. cf. *Eulophia lachnocheila*.

lacinata: is probably an error, see the correct name and see laciniate. cf. *Triorchis lacinata*. syn. *Spiranthes laciniata*.

laciniae: descwd.: plural of *lacinia*, see laciniate, lacination.

laciniata: see laciniate. Ref. labellum margin. cf. *Spiranthes laciniata*.

laciniate: have noted this word used as both singular and plural. Ref. *lacinia*: slash; flap; fold; incision; fringe + suffix: having; like (: being). Fringed; jagged; incised; slashed, etc. Similar to lacerate. + See *laciniae*.

lacination: see laciniate. Indicates a raggedness to the margin(s) of the organ(s) under discussion; having *laciniae*.

laciniatum: see laciniate. cf. *Bulbophyllum laciniatum*.

laciniatus: see laciniate. cf. *Chamaeanthus laciniatus*. syn. *Biermannia laciniata*.

laciniform: see laciniate + form; shape.

lacinilobum: laciniate + lobe. cf. *Dendrochilum lacinilobum*.

laciniolate: laciniate with an added dimin.: being finely jagged; delicately fringed, etc.

laciniosa: see laciniate + with many; full of, etc. With many lacinations; much jagged. ex Singapore, cf. *Flickingeria laciniosa* (Ridl.) A.D.Hawkes. In a discussion, noted that authorities think it may be extinct, as it was last collected in 1891.

laciniosum: as *laciniosa*. cf. *Dendrobium laciniosum*. syn. *Flickingeria laciniosa*.

lacinulata: see lacinulate. cf. *Trichotosia lacinulata*.

lacinulate: ref. *lacinula*: a small hook-twist at the top of an organ, or part + like; having.

lacinulosa: as *lacinulosum*. cf. *Coelogyne lacinulosa*.

lacinulosum: see lacinulate + see -osa. cf. *Bulbophyllum lacinulosum*.

lacireperta: had many strange ideas for this! Checked the author's notes (ref. P.van Royen 1979, see the bibliography) and it's for a place name: *laci* + *reperta*: Lake Discovery, near Noordwand, Carstenz Mtns. cf. *Glomera lacireperta* P.Royen. syn. *G. kanke*. Noted as endemic to Papua, Indon.

lacista: have no ref. to this, so I'll speculate with a guess. It may be an anagram of *Calista* (? ref. *kallistos*: most beautiful). Or, ref. *lac*: milk + emphasis: very milky. ex West.Aust., cf. *Gastrodia lacista* D.L.Jones 1991.

laconensis: from Laconía (admin.division), Peloponnesus, s.east Greece. cf. *Ophrys* x *laconensis* Scrugli & M.P.Grasso.

laconica: belonging to Laconía, see *laconensis*. cf. *Ophrys* x *laconica* H.Baumann & Künkele.

Lacroixia: Szlach.: of Lacroix. Only have ref. to three phytologists, I.F., E.A.S., and/or T.M. **la Croix** (+ of). syn. *Dinklageella* Mansf.

lacroixiana: belonging to la Croix, see *Lacroixia*. ex Burundi, Africa, cf. *Polystachya lacroixiana* Geerinck 1994.

lacta: milky, see *lacteus*. cf. *Ophrys lacta*.

lactea: see *lacteus*. cf. *Coelogyne lactea*. syn. *C. fimbriata*.

lacteola: milk + dimin.: slightly milky. cf. *Erythroides lacteola*.

lacteolus: as *lacteola*. cf. *Physurus lacteolus*. syn. *Erythroides lacteola*.

lacteam: see *lacteus*. cf. *Dendrobium lacteam*. Pers.coll., ex Bisianumu, PM.PNG., not common.

lacteus: descwd., of milk.+ Ref. *lac*, *lactis*: milk. Can be a colour term: milky; milk-white; white with a faint trace of blue.

lacteus: as last entry. cf. *Lissochilus lacteus*. syn. *Eulophia flavopurpurea*.

lacticolor: descwd., see *lacteus*: milk-white + colour.

lactiflora: milk-white + flower. cf. *Habenaria lactiflora*. syn. *H. clypeata*.

lactiflorum: as *lactiflora*. cf. *Epidendrum lactiflorum*. syn. *E. falcatum*.

lacunose: ref. *lacunosus*: with many, or full of hollows; cavities; pits, etc. Often refs. to a surface condition: having relatively large shallow depressions.

lacus: lake. The given location of "west Papua, Indon." doesn't help to determine which lake. There is a notation ref. to the Arfak Mtns. cf. *Liparis lacus* J.J.Sm.1917.

lacustre: as *lacustris*. cf. *Epidendrum lacustre*.

lacustris: of a lake + suffix: habitat. Lives close to a lake. cf. *Galeandra lacustris*.

ladronica: belonging to the Ladrones Islands (ref. Spanish, *ladrón*: thief; thieves), now the Marianas. Listed as ex Saipan Island, cf. *Phreatia ladronica* Tuyama 1940.

Laelia: Lindl. 1831. Another of Prof. Lindley's fanciful names, for "beauty". Noted as ex Roman myth., *Laelia* was one of the Vestal Virgins. ex Mexico, eg. *Laelia autumnalis*.

x *Laelichilis*: Saulea. On the syn. list, cf. *Laeliopsis* x *Psychilis*.

Laelieae: *Laelia* + suffix denotes it's a tribe.

Laeliinae: *Laelia* + suffix denotes it's a subtribe.

x *Laeliocatonia*: auct. On the syn. list, cf. *Broughtonia* x *Cattleya* x *Laelia*.

Laelio-Cattleya: Rolfe 1888. Noted as a mostly artificial hybrid, but does have some natural crosses in the wild. eg. *Laelia purpurata* x *Cattleya guttata* var. *leopoldii* = *Laelio-Cattleya* x *elegans*. *Laelia* and *Cattleya* are congeners and freely accept cross-pollination. + See next entry.

x *Laeliocattleya*: Rolfe. On the syn. list, cf. *Cattleya* x *Laelia*.

laelioides: *Laelia* + resembling. cf. *Cattleya laelioides*. syn. *C. skinneri* Batem. 1838.

x *Laeliokeria*: auct. On the syn. list, cf. *Barkeria* x *Laelia* (with "a", changed to "o").

Laeliopsis: Lindley 1853: *Laelia* + appearance. syn. *Broughtonia* R.Br.

x *Laelonia*: auct. On the syn. list, cf. *Broughtonia* x *Laelia*.

laeta: see *laetus*. cf. *Oberonia laeta*.

laetea: of pleasure (? , see *laetus*). ex Spain, cf. *Ophrys laetea*. syn. *O. fusca*.

laetum: see *laetus*. cf. *Bulbophyllum laetum*.

laetus: descwd.: pleasant; bright; cheerful; joyful, etc. When with a colour, mostly: bright.

laetus: as last entry. cf. *Elleanthus laetus*.

laeve: ref. *laevis*: smooth; bald; polished. cf. *Epidendrum laeve*. syn. *E. paniculatum*.

laevi-: used in combwds., to do with the state of a surface, ref. *laevis*: smooth; bald; polished.

laevifolia: as *laevi-* + leaf. cf. *Maccrathia laevifolia*. syn. *Dendrobium laevifolium*.

laevifolium: smooth + leaf. cf. *Dendrobium laevifolium*.

laevigata: see *laevigate*. cf. *Habenaria laevigata*.

laevigate: ref. *laevigatus*: of a surface, being smooth; as if polished; free from any roughness, unevenness, hairs, appendages, or projections, etc.

laevigatum: see *laevigate*. cf. *Paphiopedilum laevigatum*.

laevilabium: smooth + lip. cf. *Scaphyglottis laevilabium*.

laevilabris: smooth + lip, or see *labrum*: edge (?). cf. *Maxillaria laevilabris*.

laevis: smooth; polished, etc. + See *laevi-*. cf. *Diuris laevis*. Noted as endemic to West.Aust.

lagarophyta: see *lagarum* + ref. *phyton*: plant. ex Peru, cf. *Pleurothallis lagarophyta*.

lagara: as *lagarum*. cf. *Ceraia lagara*. syn. *Dendrobium lagarum*.

lagarum: ref. *lagaros*: lax; loose; thin; supple, etc. cf. *Dendrobium lagarum*.

lagenaria: see *lageniform* (but, with *-aria*: relative to, etc.). cf. *Pleione* x *lagenaria* Lindl. & Paxton 1851. Noted as a cross of *P. maculata* x *P. praecox*.

lageniferum: flask + bearing (+ see *lageniform*). cf. *Physoceras lageniferum*.

lageniform: listed as, mostly ref. *lagenos*: a flask; flagon (without handles) + shape; form.
 + Ref. *lagena*: orig., a large, jar-like vessel with handles and a narrow neck.
lageniforme: as lageniform. Ref. the pseudobulbs. cf. *Bulbophyllum lageniforme*. Noted as
 endemic to nth. Qld., Aust.
lagenocolumna: flask + column. cf. *Epidendrum lagenocolumna*.
lagenomorphum: flask + shape. cf. *Epidendrum lagenomorphum*.
lagenophora: flask + bearing (+ see lageniform). cf. *Govenia lagenophora*.
lagoensis: for place name (+ from) listed as ex Brazil. There are a few places with
 "Lago" (: lake) in the name, but the one that seems most likely is the town of
 Lago, nthn. Bahia state, Brazil. cf. *Galeandra lagoensis* Rchb.f. & Warm. 1881.
lagorum: ref. *lagos*: a hare (the rodent) + suffix: of. cf. *Cadetia lagorum*.
lagosense: from Lagos, capital city of Nigeria, Africa. cf. *Angraecum lagosense* Rolfe 1897.
 syn. *Tridactyle lagosensis*.
lagosensis: as *lagosense*. cf. *Tridactyle lagosensis* (Rolfe) Schltr. 1918.
lagotis: ex *lagos*: a hare (the rodent). Or, could be, ref. *Lagotis* a genus of the figwort
 family (: *Scrophulariaceae*, for some superficial likeness), which have bell-like
 flowers. cf. *Dactylorhiza lagotis*. syn. *D. cordigera* ssp. *bosniaca*.
lagunae: for place name (+ of), only listed as ex Venezuela. Noted quite a few places
 with "Laguna" in the name, inc. two N.Parks and some lakes and villages. cf.
Gongora lagunae G. Gerlach 1995. + See next entry.
lagunae: of Laguna. Listed as ex Colombia, noted two places both of Cesar Department:
 Laguna village and Laguna Anguilla-La Macarena Reserve. cf. *Telipogon lagunae*
 Schltr. 1924.
laguna-guerrerae: I was looking for a lagoon (*laguna*), or lake, but it's: of Laguna
 Guerrero, a town of Quintana Roo state, s.east Mexico. cf. *Myrmecophila x laguna-*
guerrerae Carnevali, L. Ibarra & J.L. Tapia 2001.
lagunae-pacis: of a lagoon, or lake + peace: "peaceful lagoon", or "lagoon of peace" (?).
 This species is listed to be from sthn. central Chile and sthn. Argentina, where
 there are many places with "Laguna" in the name. cf. *Chloraea lagunae-pacis*
 Kraenzl. 1904.
lagunae-sanctae: listed for place name (+ of), ex Minas Gerais state, Brazil. As this specep.
 is Lat' d., it possibly refs. to Lagoa Santa city. cf. *Habenaria lagunae-sanctae*
 Kraenzl. 1893.
lagunensis: for place name: from Laguna de Bay area, Luzon, Philipp. cf. *Trichotosia*
lagunensis (Ames) Schuit. & de Vogel 2003.
lakatoense: for place name: from Lakato, a town of eastn. central Madagascar. cf.
Bulbophyllum lakatoense Bosser 1969.
lalindei: listed for orig. coll., M. Lalinde (+ of) of Medellin, Colombian Andes. cf. *Bollea*
lalindei (Rchb.f.) Rchb.f.
lamarckiana: listed for botanist, naturalist and author, Jean Baptiste Antoine Pierre de
 Monnet de Lamarck (1744-1829). ex Brazil, cf. *Miltonia x lamarckiana* Rchb.f. 1885.
lambari: may be for a person's name (+ of). Only listed as ex s.east Brazil and is also
 possibly for a place name. Noted two villages: **Lambari** de Baixo, and/or

Lambari do Meio, both of São Paulo state (which is in s.east Brazil). cf. x *Sophracattleya lambari* (Pabst) Van den Berg & M.W.Chase 2001.

lambda: the 11th letter of the Gk. alphabet, represented by the upper case symbol: Λ and lower case: λ. cf. *Prosthecea lambda* (Linden ex Rchb.f.) W.E.Higgins 1998.

lambii: listed for orig.coll., Anthony L.Lamb (+ of), author, phytologist and authority, esp. on Bornean orchids. ex Borneo, cf. *Bulbophyllum lambii* J.J.Verm.1991.

lambinoniana: listed for botanist and author, Jacques Lambinon (b1936). ex trop. Africa, cf. *Eulophia lambinoniana* Geerinck. syn. *E. penduliflora*.

lameliata: reported as an error for *lamellata*. cf. *Rhomboda lameliata*. syn. *Hetaeria lamellata*.

lamella: listed as ex *lamina* + dimin., lit.: a thin plate. A small, fine plate-like, or scale-like part. + Ref. *lamellae* (: plural): usually overlapping and can be likened to the gills of a fish, or gills of a mushroom.

lamellaris: see *lamella* + of; like, etc. cf. *Pleurothallis lamellaris*.

lamellata: see *lamellate*. cf. *Vanda lamellata* Lindl.1838.

lamellate: see *lamella*. Having, or like *lamellae*.

lamellaticallosum: *lamellate* + calloused, see *callose*. cf. *Cyrtopodium lamellaticallosum*.

lamellatum: as *lamellate*. cf. *Dendrobium lamellatum*.

lamellatus: as *lamellate*. cf. *Eurycaulis lamellatus*. syn. *Dendrobium lamellatum*.

lamelliferum: see *lamella*(e?) + bearing. cf. *Dendrobium cinnabarinum* var. *lamelliferum*. syn. *D. lawiense*.

lamelligera: see *lamella* + bearing. ex Borneo, cf. *Phalaenopsis lamelligera* H.R.Sweet 1969.

lamelligerum: as *lamelligera*. cf. *Cyrtorchilum lamelligerum*.

lamellosa: see *lamella* + see -osa: full of, or with many *lamellae*. cf. *Lockhartia lamellosa*.

lamellosum: as *lamellosa*. Ref. the crest. cf. *Zygopetalum lamellosum*. syn. *Pescatoria lamellosa*.

lamellulifera: see *lamelluliferum*. cf. *Chelonistele lamellulifera*.

lamelluliferum: see *lamella* + small + bearing. cf. *Dendrobium lamelluliferum*.

Lamellunguis: Schltr., see *lamella* + see *ungui*:- claw; nail, etc. syn.= *Coryanthes* section.

lamia: this may be for something else entirely, but because of the author who seems to use many bizarre speceps., ref. *lamia*: (a word used to frighten children) a hideous monster, or evil witch who sucks blood and eats people. Also noted, it can be for a shark-like fish. cf. *Pleurothallis lamia* Luer 1979.

lamii: listed for orig.coll., Dutch phytologist Prof. Hermann Johannes Lam (1892-1977), Director of the Rijksherbarium, Leiden, Netherlands. He collected in Papua, Indon. 1920 & 1921 and earlier, in Madagascar. cf. *Habenaria lamii* J.J.Sm.1929. Noted as endemic to Papua, Indon.

lamina: orig., lit.: a thin plate. Listed as adapted into botany, for the blade: the flattened expansion of an organ, or the broad middle part, esp. of a labellum (aka., the disc), or leaf. With some terrestrials having a terete leaf (eg. *Genoplesium*), it can ref. to the free part (of the leaf), which subtends the raceme. I'd have said this was a bract, wrong again, I'm assured, it's a lamina.

laminata: see *lamina*, *lamine*. cf. *Pelexia laminata*.

Laminatae: see *lamina*, *lamine* (+ of). Ref. the labellum.= *Pterostylis* section.

laminate: for us, mostly means the organ, or part under discussion has a wider, flattened area: a lamina. + See blade, disc.
 laminatum: as *laminata*. cf. *Prasophyllum laminatum*. syn. *Genoplesium rufum*. Noted as endemic to NSW., Aust.
 lamingtonense: for place name (+ from), have two refs.: Lamington N.Park, on the Qld/NSW. border, or the nearby town of Lamington. cf. *Bulbophyllum lamingtonense* D.L.Jones 1993. Noted as endemic to Qld., Aust.
 lamingtonensis: as *lamingtonense*. cf. *Oxysepala lamingtonensis* (D.L.Jones) D.L.Jones & M.A.Clem.2002. syn. *Bulbophyllum lamingtonense*.
 lamonganense: listed for place name: from Gunung (: Mt.) Lamongan, Java. cf. *Dendrobium lamonganense* Rchb.f.1857. syn. *Eria pilifera*.
 lamonganensis: as *lamonganense*. cf. *Eria lamonganensis* Rchb.f.1857.
 lampangense: from Lampang city, and/or ref. Lampang Prov.(?) of n.west Thailand. cf. *Dendrobium indivisum* var. *lampangense* Rolfe 1925.
 lampongense: could be for Lampung Prov., Sumatra, but by the spelling, ref. the **Lampongs**: an ethnic group of people who live in sthn. Sumatra (+ -ense: origin, etc.). This may be an oblique ref. to where it was first found (?). cf. *Dendrobium lampongense* J.J.Sm.1908.
 lampongensis: as *lampongense*. cf. *Oberonia lampongensis* J.J.Sm.1917. syn. *O. ciliolata*.
 lampro-: used in compwds., ref. *lampros*: shining; brilliant; bright, etc.
 lamprobulbon: shining + bulb. cf. *Bulbophyllum lamprobulbon*. syn. *B. fractiflexum*. Pers.coll., ex PM.PNG.
 lamprocaulon: shining + ref. *caulis*: stem; stalk. cf. *Dendrobium lamprocaulon*.
 lamprochilum: shiny + lip. cf. *Epidendrum lamprochilum*.
 lamprochlamys: shining + cape; cloak. Probably ref. the rhizome sheaths. cf. *Bulbophyllum lamprochlamys*. syn. *B. xanthochlamys*.
 lamproglossa: shining + tongue. cf. *Liparis lamproglossa*.
 lamproglossum: shining + tongue. cf. *Dendrobium lamproglossum*.
 lamproglossus: shining + tongue. cf. *Monanthos lamproglossus*. syn. *Dendrobium lamproglossum*.
 lamprophylla: shining + leaf. cf. *Pleurothallis lamprophylla*. syn. *P. sclerophylla*.
 lamprophyllum: shining + leaf. cf. *Epistephium lamprophyllum*.
 lamprophyllus: shining + leaf. cf. *Physurus lamprophyllus*. syn. *Erythrodes lamprophylla*.
 lamprorhizum: shining + roots. cf. *Taeniophyllum lamprorhizum*.
 lamprotaenia: shining + ribbon; band. Ref. the leaves. cf. *Goodyera lamprotaenia*.
 lamprotyria: shining + see *tyria* (a purple colour?). cf. *Masdevallia lamprotyria*.
 lan: originally this (anglicised) Chinese word goes back to c1,000BC. and was used for perfumed orchids and other similar flora. Have noted, Confucius (see "C") referred to "tze-lan", which is now taken as a general term for many *Cymbidium* species.
 lanata: see lanate. cf. *Eria lanata*. syn. *E. pubescens*.
 Lanatae: see lanate.= *Eria* section. Noted as declared invalid, as *nomen tantum* (see "N").

lanate: ref. *lana*: wool + suffix: like; having. Having fine soft hairs likened to wool.

Wooly, + see lanose (ref. *lanosus*).

lanatum: see lanate. cf. *Cleisomeria lanatum*.

lanatus: see lanate. cf. *Sarcanthus lanatus*. syn. *Cleisomeria lanatum*.

lancea: a lance; light spear. + See lanceo-. Ref. the raceme. cf. *Spiranthes lancea*.

lanceana: listed for orig.coll., John Henry Lance (+ belonging to). Listed as ex Surinam, cf. *Pleurothallis lanceana* Lodd.1831.

lanceanum: as *lanceana*. cf. *Trichocentrum lanceanum* (Lindley) M.W.Chase & N.H.Williams 2001.

lanceata: as *lanceatum*. cf. *Oeceoclades lanceata*.

lanceatum: see lanceo-+ suffix: like; having. Ref. labellum apex. cf. *Catasetum lanceatum*.

x *Lancebirkara*: auct.: of, or belonging to Lance Birk (no further info.). On the syn. list, as the result of *Bollea* x *Cochleanthes* x *Pescatoria*.

lanceipetala: as lanceo- + petals, or see -petalo-: wide, etc. cf. *Glomera lanceipetala*.

lanceo-: used in combwds., ref. *lancea*: a lance; light spear. Often only refs. to the lance-head (shape). + See lanceolate.

lanceola: lance + dimin., + see lanceo-, lanceolate. cf. *Pleurothallis lanceola*.

lanceolaria: see *lanceola* + -are: small lance + like; relative to: lanceolar. + See lanceolate. cf. *Trichoglottis lanceolaria*.

lanceolata: see lanceolate. cf. *Diuris lanceolata*. Noted as endemic to eastn. Aust.

lanceolate: ref. *lanceola*: small lance + suffix. Like, or having a small lance (+ see lanceo-). The shape of a small lance (often, only for the head): any organ, or part more or less centrally flattened, expanding from a blunt base, to about a third of the length, then apically tapering to a point. Can also be: lanceolar (not used very often).

lanceolatum: see lanceolate. cf. *Prasophyllum lanceolatum*. Noted as endemic to West.Aust.

lanceolatus: see lanceolate. cf. *Stenorrhynchus lanceolatus*.

lanceum: see lanceo-: lance, etc. cf. *Herminium lanceum*.

lanci-: used in combwds., same as lanceo-: a lance (often, only for the head).

lancibracteata: lance + bracted. cf. *Orchis lancibracteata*. syn. *Dactylorhiza urovilleana*.

lancifera: lance + bearing. cf. *Serapias lancifera*. syn. *S. vomeracea*.

lanciferum: lance + bearing. cf. *Catasetum lanciferum*. syn. *C. barbatum*.

lancifolia: lance + leaf. cf. *Encyclia lancifolia*. syn. *E. cochleata*.

lancifolium: lance + leaf. cf. *Cymbidium lancifolium*.

lancifolius: lance + leaf. cf. *Elleanthus lancifolius*.

lancilabia: lance + lip. cf. *Cynorkis lancilabia*.

lancilabium: lance + lip. cf. *Bulbophyllum lancilabium*.

lancilabius: lance + lip. cf. *Otochilus lancilabius*.

lancilabris: lance + lip. cf. *Eria lancilabris*.

lanciloba: lance + lobe. cf. *Ceraia lanciloba*. syn. *Dendrobium lancilobum*.

lancilobum: lance + lobe. cf. *Dendrobium lancilobum*.

lancipes: lance + foot; footed. cf. *Eria lancipes*.

lancipetala: lance + petals, or see -petalo-: wide, etc. cf. *Octomeria lancipetala*.

lancipetalum: as *lancipetala*. cf. *Bulbophyllum lancipetalum*.
lancipetalus: as *lancipetala*. cf. *Epiblastus lancipetalus*.
lane-poolei: listed for Aust. silviculturist, Charles Edward Lane-Poole (1885-1970). Was based with the Dept. of Forests, Lae, PNG. cf. *Dendrobium lane-poolei* R.S. Rogers 1925. syn. *D. subclausum*.
langbianense: from the Langbian Plateau, Annam, Vietnam. cf. *Dendrobium langbianense* Gagnep. 1930.
langbianensis: as *langbianense*. cf. *Peristylis langbianensis* Gagnep. 1931. syn. *P. candidus*.
langei: listed for Danish botanist, Johan Martin Christian Lange (1818-1898). cf. *Orchis langei* Lange ex K. Richt. 1890. syn. *O. mascula* ssp. *hispanica*.
langkaviense: from Pulau Langkawi (aka., Langkaw Island[s]), off n. west coast, Peninsula Malaysia, bordering Thailand. cf. *Dendrobium langkaviense* Ridley 1910.
langkawienne: see *langkaviense*, which is noted as the "correct name", as it was orig. published as *Dendrobium langkaviense*, but is more commonly known as *D. langkawienne*.
langkawiensis: see *langkaviense*. cf. *Malaxis langkawiensis* Seidenf. & J.J. Wood 1992.
langlasseana: belonging to Langlasse, see *langlassei*. ex Colombia, cf. *Stanhopea langlasseana* Cogn. 1901. syn. *Stanhopea tricornis*.
langlassei: listed for orig. coll., E. Langlasse, botanist and authority of American trop. orchids. ex Mexico, cf. *Epidendrum langlassei* Schltr. 1918. syn. *Encyclia trulla*.
langleyensis: From Langley, for where it was flowered in cultivation. Can't be precise as there are many places of this name. ex Africa, cf. *Disa* x *langleyensis* auct. (syn.).
languida: see *languidus*. cf. *Pleurothallis languida*.
languidum: as *languidus*. cf. *Bulbophyllum languidum*.
languidus: descwd.: weak; faint; dull; weary; tired. Seen in descriptions, sometimes used ref. to a plant, raceme, or flower being nutant; nodding, or drooping.
lanicca: for place name (of Lanicca?), only listed as ex France and Switzerland. cf. *Anacamptis* x *lanicca* (Braun-Blanq.) ined.
laniceps: ref. *lana* + *-ceps*: small wooly head. cf. *Eria laniceps*.
lanigera: wool + bearing. cf. *Orchis lanigera*. syn. *Rhynchostylis retusa*.
lanioides: wool + resembling. cf. *Epidendrum lanioides*.
lanipes: wooly + foot. cf. *Eria lanipes*. syn. *E. flava*.
Lanium: Lindley ex Benth. 1881: ref. *lana*: wool + suffix: characteristic of. Ref. the hairy floral segments, ovary, etc. syn. *Epidendrum* L.
lankasteri: was listed as such, but is an error for *lankesteri*. cf. *Reichenbachanthus lankasteri*. Correctly, cf. *R. lankesteri* (Ames) Mora-Ret. & Garcia Castro 1992.
lankaviense: for place name (+ from), only listed as ex Peninsula Malaysia. Probably refs. to Pulau Langkawi, see *langkaviense*. cf. *Dendrobium lankaviense* Ridl. 1910.
lankaviensis: as *lankaviense*. cf. *Eurycaulis lankaviensis* (Ridl.) M.A. Clem. 2003. syn. *Dendrobium lankaviense*.
lankesterana: belonging to Lankester, see *Lankesterella*. ex Costa Rica, cf. *Masdevallia lankesterana* Luer 1995.

Lankesterella: Ames 1923. Listed for Charles Lankester, +-ella: respectful suffix. Noted grower, esp. flora of Costa Rica. eg. *Lankesterella orthantha*.

lankesteri: see *Lankesterella*. ex Costa Rica, cf. *Epidendrum lankesteri* Ames 1923.

lankesteriana: belonging to Lankester, see *Lankesterella*. ex Mexico, cf. *Trichosalpinx lankesteriana* Luer 1996.

lanose: ref. *lanosus*: wool + abundance; with much wool; very wooly. + See *lanate*.

lantauensis: from Lantau Island, west of Hong Kong Island. cf. *Disperis lantauensis* S.Y.Hu 1972.

lanuginosa: see *lanuginose*. cf. *Eria lanuginosa*.

lanuginose: ref. *lanugo* (: wool-like): the wool of plants.+ Ref. *lanuginosus* (*lanugo* + like + see -osa: an abundance): very wooly; very downy. With much fine, soft downy hair. + Ref. English, *lanuginous*.

lanuginosum: see *lanuginose*. cf. *Bulbophyllum lanuginosum*.

lanuginosus: see *lanuginose*. cf. *Ornithocephalus lanuginosus*. syn. *O. bicornis*.

lanuriense: for place name (+ from), only listed as ex west. tropical Africa. cf. *Bulbophyllum lanuriense* De Wild.1921. syn. *B. falcatum* var. *velutinum*.

lanxiforme: ref. *lanx*: dish; platter; plate, etc.+ shape; form. cf. *Catasetum lanxiforme*.

lanyuensis: from Lan-yü (village), Lang-t'ao (island), east of the sthn. tip of Taiwan. cf. *Nervilia lanyuensis* S.S.Ying 1989.

laosensis: from Laos. cf. *Sarcanthus laosensis* Guillaumin 1964. syn. *Cleisostoma rostratum*.

laotica: Lat'd. spelling: belonging to Laos. cf. *Coelogyne laotica* Gagnep.1930. syn. *Coelogyne fimbriata*.

laoticum: as *laotica*. cf. *Bulbophyllum laoticum* Gagnep.1930.

lapacense: listed as phonetic and Lat'd. spelling for place name: from La Paz, a capital city of Bolivia. cf. *Cyrtochilum lapacense* (R.Vásquez & Dalström) Dalström 2001.

lapethica: for place name: belonging to *Lapethos* (Lapithos) city, on nth. coast of Cyprus Island. cf. *Ophrys lapethica* Golz & H.R.Reinhard. syn. *O. scolopax* ssp.*heldreichii*.

lapeyrouseoides: noted as likened to an African genus of iris plants (*Iridaceae*), *Lapeirousia* Pourret (+-oides: resembling), named for botanist, Philippe Picot de Lapeyrouse (1744-1818). cf. *Dendrobium lapeyrouseoides*. syn. *Dendrobium cyanocentrum*. Pers.coll., ex PM.PNG., see *cyanocentrum*.

lappacea: ref. *lappaceus*: burr-like, + see *lappiformis*. cf. *Andinia lappacea*.

lappago: burr-like + see *lappiformis*.. cf. *Pleurothallis lappago*.

lappifera: ref. *lappa*: burr + bearing, + see *lappiformis*. cf. *Masdevallia lappifera*.

lappiformis: *lappi*- has a complicated expl. involving plants of the madder family: *Rubiaceae*. + Ref. *lappa*: a burr (+ can ref. to goosegrass) + *formis*: shape. So: shaped like goosegrass or, simply: a burr + shape (?). cf. *Pleurothallis lappiformis*.

lapponica: Lat'd. spelling: belonging to *Lapponia*: Lapland. An undefined area above the Arctic circle, at the nthn. tips of Norway, Sweden, Finland & Russia. The people being known as Lapps. cf. *Dactylorhiza lapponica* (Laest. ex Hartm.) Soó 1962.

laratensis: from Larat (village), Tanimbar Island, Indon. cf. *Dendrobium bigibbum* ssp. *laratensis* Clemesha 1978. syn. *D. striaenopsis*.

largus: seen in descriptions. Put it in for more confusion, it's not large, or big (as I thought), it means: plentiful; abundant; liberal; copious; large (of quantity), etc.

laricina: got very involved here for some time, reading about sea-gulls (ref. *Lari*, *larus*) and conifers (pine-trees, etc.). Ref. *Larix laricina*: the eastern larch (tree of the family: *Coniferae*). Many gulls (*Lari*), esp. terns have tufted crests of feathers and the tree has tufts of needles + the orchid is also "tufted". So, ref. *larix*: larch + see -*ina*: relative to; like, etc. Or, perhaps this species likes this tree as a host, or the author saw some superficial likeness to the tree (?). cf. *Maxillaria laricina* syn. *Pityphyllum laricinum*.

laricinum: as *laricina*. cf. *Pityphyllum laricinum*.

larkinianum: listed for noted grower, J.Larkin (+ belonging to) of Watford, Eng., first to flower it. ex Brazil, cf. *Oncidium larkinianum* Gower 1890. syn. *O. pectorale*.

Larnandra: Raf.1825: ref. *larnax*: box; chest; cell + man; male. Has to ref. to the clinandrium; anther area. syn. *Epidendrum* L.

larpentae: listed for noted grower Sir George Larpent of Roehampton, Eng., first to flower it. ex Indo-China, cf. *Aerides larpentae* Rchb.f.1856. syn. *Aerides falcatum*.

larutensis: listed for place name: from Larut Hills area, Perak, Malaya. cf. *Eria larutensis* Ridley 1924. syn. *E. ridleyi*.

larva (sing.), **larvae** (pl.): for cross-reference, adapted into English from Latin, *larva*: a ghost. The stage of an insect where it is a caterpillar; grub; maggot, etc.

larvina: see larva + -*ina*: relative to; like, etc. cf. *Lepanthes larvina*.

larzacensis: for place name: from Larzac, a town of Dordogne, Aquitaine, s.west France. cf. x *Anacamptorchis larzacensis* H. & O.Kurze 1990. syn. *Anacamptis* x *klingei* (P.Fourn.) ined.

lasi-, *lasio-*: used in combwds., ref. *lasios*: wooly; hairy, + can be: shaggy, etc.

lasianthera: wooly; hairy + anther. cf. *Dendrobium lasianthera*. Pers.coll., ex PM.PNG. + See *ostrinoglossum*.

lasiantherum: as *lasianthera*. cf. *Durabaculum lasiantherum*. syn. *Dendrobium lasianthera*.

lasianthum: see *lasi*-+ flower. Ref. the hairy sepals. cf. *Bulbophyllum lasianthum*.

lasiochila: see *lasi*-+ lip. cf. *Phyllorkis lasiochila*. syn. *Bulbophyllum lasianthum*.

lasiochilum: see *lasi*-+ lip. cf. *Bulbophyllum lasiochilum*.

lasioglossa: see *lasi*-+ tongue. cf. *Lycaste lasioglossa*.

lasioglossum: wooly; hairy + tongue. Ref. labellum disc. cf. *Dendrobium lasioglossum*.

lasiopetala: see *lasi*-+ petals. cf. *Lepanthes lasiopetala*.

lasiopetalum: see *lasi*-+ petals. cf. *Bulbophyllum lasiopetalum*.

lasiorhiza: see *lasi*-+ *rhiza*: root(s), or rhizome. cf. *Eria lasiorhiza*.

lasiosepala: see *lasi*-+ sepals. cf. *Pleurothallis lasiosepala*. syn. *P. immersa*.

lasithica: belonging to Lasithi (admin. division), eastn. Crete island, Greece. cf. *Orchis* x *lasithica* Renz 1930 (syn.).

lassenii: listed for phytologist and author, Per Lassen. cf. *Platanthera* x *lassenii* W.J.Shrenk. Listed among the synonyms, without date, location, or "correct name".

lastii: listed for orig.coll., G.Last. ex Africa, cf. *Brachycorythis lastii* Rolfe 1898.

lata: ref. *latus*: wide; broad. Ref. the fused sepals being broad below the column and lip.
cf. *Masdevallia lata*.

latakiana: belonging to Al Ladhiqiyah (aka., **Latakia**) a coastal city of n.west Syria. cf.
Ophrys latakiana M.& H.Schönfelder 2001.

Lat'd.: my abbreviation for "Latinised": words made to look and sound like Latin. See
Latinise.

latelabellatum: broadly + see labiate: lipped, etc. cf. *Dendrobium latelabellatum*.

latens: descwd.: hiding; concealing, etc. + See latent.

latent: (ref. *latens*): hidden; concealed; secret; not obvious, or apparent. + Can be:
available, but not in use; present, but inactive, etc.

lateral: ref. *lateralis*: of, or at the side, eg. lateral sepals. Also: axillary.

laterale: of, or at the side. cf. *Agrostophyllum laterale*.

lateralis: of, or at the side. cf. *Ceratostylis lateralis*.

lateriflorum: I thought this to be: broad; wide + flower, then noted the "correct name".

Ref. *lateris*: colour of a brick (+ see *lateritius*) + flower. In a very brief description,
the flowers are noted as "reddish" and this explains the "correct name" (*Den.*
puniceum, see "P"). cf. *Dendrobium lateriflorum*. syn. *Dendrobium puniceum*.

lateriscapa: of the side(?), or see *lateritius*: brick (colour) + see scape. cf. *Cephalantheropsis*
lateriscapa.

laterite: see *lateritius*. Was in a discussion of habitat. Geo.: a type of reddish soil rich in
iron, and/or aluminium. More info., read up on pedology: the study of soils.

lateritia: see *lateritius*. cf. *Pleurothallis lateritia*. syn. *P. lanceola*.

lateritium: as *lateritius*. cf. *Stenorrhynchos lateritium*.

lateritius: listed as a vague colour term: brick coloured. A mix of red, brown and grey; a
strong reddish-brown, like old roof tiles.

Lathrisia: Sw.1829: ref. *lathrios*: hidden; secret + of. syn. *Bartholina* R.Br.

lati-: used in compwds., ref. *latus*: broad; wide, etc.

latialata: broad + see alate: winged. cf. *Liparis latialata*.

latibasis: broad + low, or base. cf. *Gongora latibasis*.

latibrachiatum: broad, or wide + see brachiate: armed. cf. *Bulbophyllum latibrachiatum*.

latibracteata: broad + bracted. cf. *Eria latibracteata*. syn. *E. magnibracteata*.

latibracteatum: broad + bracted. cf. *Angraecum latibracteatum*. syn. *Cyrtorchis brownii*.

latibracteatus: broad + bracted. cf. *Isochilus latebracteatus*.

latibracteum: broad + bract + like, etc. cf. *Epidendrum latibracteum*.

laticalcar: broad + spur. cf. *Rhipidoglossum laticalcar*.

laticalcar: broad + spur. cf. *Rhipidoglossum laticalcar*.

laticuneata: broad + wedge + like; having. cf. *Liparis laticuneata*.

latiflora: broad + flower. cf. *Platanthera bifolia* ssp. *latiflora*. syn. *P. bifolia*.

latifolia: broad + leaf. cf. *Malaxis latifolia*. syn. *M. ophrydis*. Pers.coll., fairly common ex
PM.PNG.

latifolium: broad + leaf. cf. *Dendrochilum latifolium*.

latifolius: broad + leaf. cf. *Cyphochilus latifolius*. syn. *Appendicula latifolia*.

latifrons: broad + see *frondis* (ref. *frons*: foliage, or leaf). cf. *Plocoglottis latifrons*.

latigaleata: broad + see *galeate*: hooded, etc. cf. *Disperis latigaleata*.
latiglossa: broad + tongue. cf. *Cleistis latiglossa*.
latilabellis: broad + small lip. cf. *Eria latilabellis*.
latilabia: broad + lip. cf. *Neodryas latilabia*. syn. *Cyrtorchilum rhodoneurum*.
latilabium: broad + lip. cf. *Appendicula latilabium*.
latilabra: broad + lip, or see *labrum*: edge, etc. cf. *Tainia latilabra*.
latilabre: as *latilabra*. cf. *Nephelaphyllum latilabre*. syn. *N. pulchrum*.
latilabris: as *latilabra*. cf. *Malaxis latilabris*.
latilabrum: as *latilabra*. cf. *Epidendrum latilabrum*.
latilingua: broad + tongue. cf. *Tainia latilingua*. syn. *T. paucifolia*.
latilinguis: broad + tongue. cf. *Glomera latilinguis*.
latiloba: broad + lobe. cf. *Thelymitra latiloba*. Noted as endemic to West.Aust.
latilobum: broad + lobe. cf. *Agrostophyllum latilobum*.
latilobus: broad + lobe. cf. *Peristylis latilobus*.
latimaculatum: broad (broadly?) + spotted, cf. *Odontoglossum latimaculatum*. syn. *Odontoglossum crispum*.
latina: listed for place name: of *Latium*, an ancient area of Italy, which is now the region of Latium (Lazio). Of note, the word Latin (for the language) is reported to be derived from *Latium*. Or, *latina* could be ex *latus*, see *lati-*: broad; wide + *-ina*: of; like, etc. In the description, the flowers are noted as “large” (which could mean: broad) + the lip is described as: broadly cordate (broadly heart-shaped). cf. *Epipactis helleborine* ssp.*latina* W.Rossi & E.Klein 1987.
 Latinise: many a headache from this, as some authors take a lot of “literary licence” forming their names and epithets. Orig. a word may be from Gk. etc., but is altered to look and sound like Latin. Sometimes three or four words are used, shortened by deleting bits and then “Latinised” into one. Some of these need a Sherlock Holmes to decipher them, however this is *le raison d’être* (: the reason of being), the main reason for this entire exercise. Throughout the text, I abbreviate “Latinised” to Lat’d.
latior: broader; one which is broad. cf. *Aceras anthropophorum* var.*latior*. syn. *Orchis anthropophora*.
latipes: broad + foot. cf. *Bulbophyllum latipes*.
latipetala: broad + petals. cf. *Hetaeria latipetala*.
latipetalum: broad + petals. Or, could be: broadly + spread (see *-petalo-*), ref. the roots which do spread in all directions (?). cf. *Taeniophyllum latipetalum*.
latipetalus: broad + petals. cf. *Stenorrhynchus latipetalus*.
latiplume: broad + wing; feather. cf. *Cleistis latiplume*.
latisaccata: broad + see *saccate*: pouched, etc. cf. *Camarotis latisaccata*. syn. *Micropera fuscolutea*.
latisaccatum: as *latisaccata*. cf. *Thrixspermum latisaccatum*.
latisegmenta: broad + pieces (segments). Ref. floral segments. cf. *Malaxis latisegmenta*.
latisegmentum: as *latisegmenta*. cf. *Crepidium latisegmentum*.

latisejala: broad + sepals. ex Java, cf. *Phalaenopsis latisejala* Rolfe 1920. syn. *P. javanica* J.J.Sm.1918.

latisejalum: broad + sepals. cf. *Bulbophyllum latisejalum*.

latissima: broad + emphatic suffix: very, etc. cf. *Dactylorhiza incarnata* var. *latissima*.

latissimifolia: very broad + leaf. cf. *Calanthe latissimifolia*. syn. *C. engleriana*. Pers.coll. ex PM.PNG., see notes at *engleriana*.

latissimus: see *latissima*. cf. *Lyperanthus latissimuus*. syn. *Megastylis latissima*.

latiuscula: broad + suffix: somewhat. cf. *Eria latiuscula*.

lativaginum: broad + see vaginate: sheathed. cf. *Bulbophyllum igneocentrum* var. *lativaginum*. syn. *B. gibbosum*.

latomaculatus: broadly spotted. cf. *Anoetochilus latomaculatus*. syn. *A. setaceus*.

Latourea: Blume 1849. Noted he named it so, as the plant was sent to him by Jean Baptiste Louis Claude Theodore Leschenault de **la Tour** (1773-1826). Descs. accr. to him are abbr. to: Leschen.. A French botanist, author, fine bot. artist and Blume's friend and companion on many field trips. eg. *Latourea spectabile*. syn. *Dendrobium spectabile*. More fascinating than beautiful, but very desirable in a bizarre way and very much a target as a commercial novelty. I read where one mercenary for Sander's nursery of Eng., sent back over 1,500 plants of this one species. In those days with their ruthless collecting methods, imagine what was destroyed getting them! (+ See mercenaries). Pers.coll., not uncommon ex PM.PNG., see notes at *spectabile*.

Latourea: as last entry.= *Dendrobium* section.

latoureoides: see *Latourea* + suffix: resembling. cf. *Cadetia latoureoides*.

Latourorchis: Brieger 1981: "la Tour's orchid". See *Latourea* + orchid. syn. *Dendrobium* Sw.

latro: to do with the sides (? see *latrorse*). Or, lit. ref. *latro*: making a lot of noise (: demanding attention?). cf. *Prosthechea latro*.

latrorse: of the sides; towards, or along the sides.

latuensis: for place name (+ from), listed as ex Ambon Island and there is a town, Latuhalat, on the s.east peninsula. Also noted another town (relatively near), **Latu** of s.west **Ceram** Island, Maluku group, Indon. cf. *Ceratostylis latuensis* J.J.Sm.1905.

latus: side; flank, or broad; wide. cf. *Lissochilus latus*. syn. *Eulophia angolensis*.

lauchiana: listed for noted grower, H.Lauche (+ of, etc.) of Eisgrub, Austria. ex Costa Rica, cf. *Masdevallia lauchiana* Bohnhof 1892. This info. was in the book I was working on, but by the official list it is, cf. *M. lauchiana*, with different authors (see *lauchiana*).

lauchianum: as *lauchiana*. cf. *Epidendrum lauchianum* Rolfe ex Bohnhof 1893.

lauchiana: info., see *lauchiana*. ex Costa Rica, cf. *Masdevallia lauchiana* Kraenzl.ex Woolw.1896.

laufferianum: listed for orig.coll., M.Laufferianis. cf. *Prasophyllum laufferianum* Maury 1888. syn. *P. lanceolatum*. Noted as endemic to West.Aust.

laurelense: for place name (+ from), only listed as ex Ecuador. Noted two villages, Hacienda El Laurel of Loja Prov. and Laurel, of Azuay Prov. cf. *Epidendrum laurelense* Hágsater & Dodson 2001.

laurensis: Lat'd. spelling for place name (+ from), listed as ex the region of Latium (Lazio), Italy. cf. *Ophrys laurensis*. + Of interest, see *latina*.

laurentiana: belonging to Laurent, see *laurentii*. ex west Africa, cf. *Eulophia laurentiana* Kraenzl.1899. syn. *E. gracilis*.

laurentianum: as *laurentiana*. ex west Africa, cf. *Bulbophyllum laurentianum* Kraenzl.1899. syn. *B. imbricatum*.

laurentii: of Laurent. Listed for orig.coll., botanist and author, L.M.Laurent. ex Zaire, Africa c1904, cf. *Summerhayesia laurentii* (De Wild.) P.J.Cribb.

laurentina: listed as: of a bay (-tree) +-ina: like, etc. cf. *Orchis laurentina*. syn. *Dactylorhiza sambucina*.

laurifolia: as *laurifolium*. cf. *Katherinea laurifolia*. syn. *Epigeneium laurifolium*.

laurifolium: ref. *laurus*: bay (-tree) + leaf. cf. *Epigeneium laurifolium*.

laurisilvatica: belonging to a bay-tree forest. cf. *Liparis laurisilvatica*. syn. *L. caespitosa*.

laurisilvaticum: ref. *laurus*: bay (-tree) + *silvaticum*: belonging to a forest. ex Taiwan, cf. *Thrixspermum laurisilvaticum*.

laurisilvaticus: as *laurisilvaticum*. cf. *Sarcochilus laurisilvaticus* Fukuy. *Thrixspermum laurisilvaticum*.

lauta: ref. *lautus*: clean; washed; elegant; neat. cf. *Pleurothallis lauta*. syn. *Trichosalpinx zephyrina*.

lauterbachiana: listed for phytologist and author, Carl Adolf Georg Lauterbach [+ belonging to] (1864-1937). He collected in German New Guinea on several expeditions from 1890-1900 and was a Director of the New Guinea Co. Descs. accr. to him are abbr. to: Lauterb. He also worked with Dr.K.Schumann in publishing and seen in listings is the notation: K.Schum. et Laut., Nachtr. (more see *schumannianum*). ex PNG., cf. *Spathoglottis lauterbachiana* Kraenzl.1900. syn. *S. portus-finschii*.

lauterbachianum: see *lauterbachiana*. ex New Guinea, cf. *Dendrobium lauterbachianum* A.D.Hawkes 1966. syn. *Dendrobium obtusum*.

lauterbachii: see *lauterbachiana*. ex Java, cf. *Liparis lauterbachii* Schltr.1906.

lauzensis: for place name, listed as: from La Uz, a town of Asturias, n.west Spain. cf. *Orchis x lauzensis* Balayer.

lavandulacea: ref. *Lavandula*, see lavender + suffix, see -*acea*: like, etc., for the colour of the flowers. cf. *Caladenia x lavandulacea* R.S.Rogers 1927. Reported as a natcross of *C. denticulata* x *C. douthiae*, noted as endemic to West.Aust.

lavarackianum: listed for phytologist and author, Peter S.L.Lavarack (+ belonging to). Ref. the cross of *Dendrobium bigibbum* x *D. x superbiens*. cf. *Dendrobium x lavarackianum* M.A.Clem.1989. Noted as endemic to Qld., Aust.

lavender: most often refs. to the colour, or the perfume. As a colour term: a pale violet-purple. Like the small flowers of the plant, lavender: the common name for *Lavandula officinalis*. A small Mediterranean shrub, with both flowers and leaves

having a very pleasant, long-lasting perfume. Of the mint family (: *Lamiaceae*), is ex Lat. *lavare*: to wash. The flowers, and/or leaves were put into bath-water, also the processed oil was used by the ancients as a body lotion and perfume, hence the Latin “wash”.

lavrensis: listed for place name: from Lavras city, Minas Gerais state, Brazil. cf. *Habenaria lavrensis* Hoehne 1927.

lawalreeana: as *lawalreei*. ex Rwanda, Africa, cf. *Polystachya lawalreeana* Geerinck 1979.

lawalreei: listed for botanist and author, André Gilles Célestin Lawalrée (b1921). Noted as a cross of *Dactylorhiza fuchsii* x *Gymnadenia odoratissima*. ex France, cf. x *Dactylodenia lawalreei* P.Delforge & D.Tyteca 1982.

lawesii: listed for orig.coll., the Rev.W.G.Lawes (+ of). cf. *Dendrobium lawesii* F.Muell.1884. I was with a friend who found it (in flower) at Subitana, May’72 (the lovely red one). Later, pers.coll., at Itikinumu, PM.PNG.. Not common at (relatively) lower altitudes.

lawiense: listed to be: from Gunung Batu Lawi (mtn.?), Borneo. My only ref. is to Gunung (Mt.) Lawit, nthn. Kalimantan Barat (?). cf. *Dendrobium lawiense* J.J.Sm.1912. Noted as endemic to Borneo.

lawiensis: as *lawiense*. cf. *Trichotosia lawiensis* (J.J.Sm.) J.J.Wood 1994.

lawleri: listed for orig.coll., Len Lawler (+ of). cf. *Malaxis lawleri* Lavarack & B.Gray 1984. Noted as endemic to nth. Qld., Aust.

lawrebel: noted as coined from *lawrenceanum* (*lawre*-) and *bellatulum* (*-bel*). Listed as a putative natcross, cf. *Cypripedium* x *lawrebel* Linden.

lawrenceana: belonging to Lawrence. Listed for noted grower and authority, Sir James John Trevor Lawrence Bart. (1831-1913). President of the Royal Horticultural Society, Eng. ex Brazil, cf. *Cattleya lawrenceana* Warsz.ex Rchb.f.1883.

lawrenceanum: as *lawrenceana*. ex Borneo, cf. *Paphiopedilum lawrenceanum* (Rchb.f.) Pfitzer.

lawrencei: see *lawrenceana*. ex Ecuador, cf. *Masdevallia lawrencei* Kraenzl.1895. syn. *M. guttulata*.

lawrenciae: listed for Mrs.Lawrence of Ealing, Eng. A generous patron of orchid culture, and collectors, also was an authoritative grower. ex the Philipp., cf. *Aerides lawrenciae* Rchb.f.1883.

lax: ref. *laxus*: loose; *laxe*: loosely. Loose: not bunched; irregularly spaced apart; loosely arranged. Often can also be: limp; slack, as opp. to rigid.

laxa: see *lax*, here: limp, for the nutant flower. cf. *Pterostylis laxa*. Noted as endemic to Aust.

laxata: see *lax* + suffix: having; being; like. cf. *Orchis angustifolia* subf. *laxata*. syn. *Dactylorhiza traunsteineri* ssp.*traunsteineri*.

laxicaule: see *lax* + stem; stalk. cf. *Epidendrum laxicaule*.

laxifolia: see *lax* + leaf. cf. *Appendicula laxifolia*.

laxifoliatum: loose-leafed. cf. *Epidendrum laxifoliatum*.

laxiflora: see *lax* (: limp) + flower. cf. *Diuris laxiflora*. Noted as endemic to West.Aust.

laxifloriformis: see *lax* + flower + form. cf. *Orchis mascula* ssp. *laxifloriformis*. syn. *O. mascula* ssp. *hispanica*.

laxiflorum: see lax + flower. cf. *Bulbophyllum laxiflorum*.
laxiflorus: lax + flower. cf. *Gastrochilus laxiflorus*. syn. *Aerides ringens*.
laxifolius: lax; loose + leafed. cf. *Elleanthus laxifolius*.
laxior: one who (or, which) is lax; loose. cf. *Earina laxior*. syn. *E. valida*.
laxispica: lax + spike. cf. *Beloglottis laxispica*.
laxiuscula: see lax + -uscula: somewhat lax, etc. cf. *Orchis angustifolia* forma *laxiuscula*. syn. *Dactylorhiza traunsteineri* ssp. *traunsteineri*.
laxum: see lax. cf. *Bulbophyllum laxum*.
laxus: see lax. cf. *Elleanthus laxus*. syn. *E. lancifolius*.
layardii: listed for orig.coll., T.Layard (+ of). ex New Caledonia. cf. *Bulbophyllum layardii* (F.Muell.& Kraenzl.) J.J.Sm.1912. syn. *B. longiflorum*.
laycockii: listed for noted grower, John Laycock of Singapore. ex Borneo, cf. *Paraphalaenopsis laycockii* (M.R.Hend.) A.D.Hawkes 1963.
layering: a method of vegetative propagation, that works well with many *Dendrobium* species and others similar. With regular layering, of other flora, a branch is bent to the ground, fastened with a peg, covered with dirt, watered and “hey presto” (... well, eventually), it will root and form a new plant. With orchids, I got the idea from a *Dendrobium anosmum*. Found one in the bush, it had been damaged and one stem was kinked, touching the tree-trunk further down and from the apical nodes it had put out new growths. Tried it at home, but for ease of later removal, gave the stem a pretend tree by fastening it to a slab of tree-fern fibre. Of course it worked and I was rapt! + See notes at entries: keiki (“K”) and plastic bags (“P”).
leachianum: listed for noted grower, J.Leach (Eng.), first to flower it. ex the Himalayas to Japan and Malesia, cf. *Cymbidium leachianum* Rchb.f.1878. syn. *C. dayanum*.
leachii: listed for botanist and author, Leslie Charles Leach (1909-1996). ex sthn. Africa, cf. *Eulophia leachii* Greatrex ex A.V.Hall 1965.
lead: common term for a new growth, esp. of sympodials.
leaf-base: common term for when the base of the leaf forms a sheath and embraces the stem, or pseudobulb.+ See amplexicaulous.
leaf-fistula: I had no idea and of course, it wasn’t in the glossary! Leaf + ref. *fistula*: a pipe; tube (see fistular). Of a leaf which surrounds the stem and appears to be tubular, with the stem continuing above. + See amplexicaulous.
leai: listed for orig.coll., P.Lea (+ of). ex Qld. cf. *Cymbidium leai* Rendle 1898. syn. *Cymbidium madidum*. Noted as endemic to eastn. Aust.
leandriana: belonging to Leandri. cf. *Aeranthus leandriana* Bosser 1971. Noted, he named it for a colleague, phytologist and author, Jacques Désiré Leandri (1903-1982), an authority on the flora of Madagascar.
leandrianum: as *leandriana*. ex Madagascar, cf. *Bulbophyllum leandrianum* H.Perrier 1937.
Leaoa: Schltr.& Porto 1922. Listed for phytologist, Antonio Pacheco Leao [+ of] (1872-1931). Director of the Rio de Janeiro Bot. Garden. Descs. accr. to him are noted as: Pach.Leao. ex Mexico to the trop. Americas, syn. *Scaphyglottis*.

leaoana: see *Leaoa* (+ belonging to). ex nthn. Sth.America, cf. *Habenaria leaoana* Schltr.1925. syn. *H. sprucei* Cogn.

leavittii: listed for botanist, Robert Greenleaf Leavitt (1865-1942), who collected in the Philipp. c1900. Descs. accr. to him are abbr. to: Leav. cf. *Eria leavittii* Kraenzl.

lebetiforme: descwd., orig. ref. *lebetos*: a bronze, or copper kettle + form; shape. + Can infer: like a bowl; pot, etc.

lebrunii: listed for botanist and author, Jean-Paul Antoine Lebrun (1906-1985). Noted as a natcross of *Dactylorhiza comosa* x *Gymnadenia conopsea*. cf. x *Dactyloadenia lebrunii* (E.G.Camus) Peitz 1972.

Lecanorchidinae: *Lecanorchis* + suffix denotes it's a subtribe.

Lecanorchis: Blume 1856: ref. *lekane*: a dish; pan; basin, etc. + see orchid. ex Java to new Guinea. eg. *Lecanorchis javanica*. Of interest, it's also noted as holomycotrophic (: entirely dependant on a fungus).

lechangensis: for place name: from Lecheng (aka. **Lechang**) city of nthn. Guangdong Prov., China. cf. *Calanthe lechangensis* Z.H.Tsi & T.Tang 1981.

Lechenorchis: listed as ref. *leichen*: moss; lichen + see orchid. eg. *Lechenorchis neglecta*.

lechleri: listed for American publisher, W.Lechler (+ of). ex Chile and Argentina, cf. *Chloraea lechleri* Lindley 1857.

lecomtei: listed for botanist and author, Paul Henri Lecomte [+ of] (1856-1934). ex Madagascar, cf. *Angraecum lecomte* H.Perrier 1938.

Lectandra: J.J.Sm.1907: ref. *lectus*: a bed; couch + man; male. Ref. the clinandrium (?). eg. *Lectandra pauciflora*. syn. *Poaephyllum pauciflorum*.

lectotype: a herbarium specimen having all the qualities of the holotype and is from the orig. collection. Can be used as a nomenclatural type if the holotype is lost in any way, or not specifically indicated. + In certain circumstances, a lectotype does not have to be from an actual specimen and can be nominated from (approved) line drawings, etc.

lecythus: descwd.: bottle; flask; vase; jug.

leda: could be ex *ledos*: a cheap dress (so, it's not beautifully dressed). To conflict with this, by its genus and the author, it probably expresses "beauty" and refs. to Leda, of Gk.myth.: the very beautiful wife of Tyndareus, king of Sparta, she was also mother of Castor and Pollux. Contrary to popular belief, authorities say they were brothers, not twins, and were placed in the heavens as stars of the constellation, Gemini. cf. *Phalaenopsis* x *leda* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

ledermanniana: belonging to Ledermann, see *ledermannii*. ex Africa, cf. *Tridactyle ledermanniana* (Kraenzl.) Schltr. syn. *T. tridactylites*.

ledermannianum: as *ledermanniana*. cf. *Angraecum ledermannianum* Kraenzl. syn. *Diaphananthe vandiformis*.

ledermannii: of Ledermann. Listed for orig.coll., botanist Carl Ludwig Ledermann (1875-1958). Descs. accr. to him are abbr. to: Lederm. ex Africa*, cf. *Bulbophyllum ledermannii* (Kraenzl.) DeWild.1921. syn. *B. imbricatum*. *Noted, he also collected in New Guinea, c1921. cf. *Eria ledermannii* Schltr.1923.

ledgeri: see *Ledgeria*. cf. *Galeola ledgeri* F.Muell.ex Fitzg.1885. syn. *Pseudovanilla foliata*.
Ledgeria: F.Muell.1859. Listed for noted Aust. naturalist C.Ledger (+ of). eg. *Ledgeria foliata* syn. *Pseudovanilla foliata*. Noted, *Ledgeria* is also syn. to *Erythrorchis*.
ledgeriana: see *Ledgeria*. cf. *Galeola ledgeriana* F.Muell.1881. syn. *Pseudovanilla foliata*.
ledifolia: as *ledifolium*. cf. *Cadetia ledifolia*.
ledifolium: ref. *ledion*: small dress, or ref. *ledos*: a cheap dress (or, cheaply dressed?) + leaf. cf. *Epidendrum ledifolium*. syn. *E. propinquum*.
ledungense: for place name (+ from), listed as ex Hainan Island, sthn. China. May be for Baoyou (aka. **Ledong**), a town of s.west Hainan (?). cf. *Bulbophyllum ledungense* T.Tang & F.T.Wang 1974.
ledwardii: listed for orig.coll., Colin Prentice Ledward [+ of] (1903-1963). Eng. born specialist medical doctor, entomologist and botanist who arrived in Aust.1926. cf. *Acianthus ledwardii* Rupp 1938. Noted as endemic to Qld., Aust.
leeana: belonging to Lee. For noted grower, W.R.Lee of Manchester, Eng., first to flower it. ex Ecuador, cf. *Rodriguezia leeana* Rchb.f.1883.
leanum: as *leeana*. ex Colombia, cf. *Odontoglossum* x *leanum* Rchb.f.1882.
x *Leeana*: auct.: of, or belonging to Lee. My only ref. is, see *leeana* (?), but it could be for an entirely different person. On the syn. list, as the result of *Arachnis* x *Vanda* x *Vandopsis*.
lefkarensis: from Lefkara (: Pano Lefkara), a town of sthn. Cyprus. cf. *Ophrys* x *lefkarensis* Segers & H.Walraven 2002.
leforii: for phytologist and author, Michael William Lefor (+ of). ex Peru, cf. *Maxillaria leforii* D.E.Benn.& Christenson.
legareense: for place name (+ from), only listed as ex Papua, Indon. cf. *Dendrobium legareense* J.J.Sm.1913. syn. *Cadetia legareensis*.
legarensis: as *legareense*. cf. *Cadetia legarensis* (J.J.Sm.) Schltr.1922.
legrandiana: belonging to Legrand. Listed for botanist and author, Carlos Maria Diego Enrique Legrand (b1901). cf. *Gymnadenia* x *legrandiana* E.G.Camus. Listed among the synonyms, without date, location, or the "correct name".
Leguminosae: of those bearing legumes. Did an entry as this name has been changed. It is still commonly called the pea, and/or bean family, but is now: *Fabaceae* (see "F").
leguminosarum: ref. *leguminis*: bean; legume (+ seed-pod) + belonging to, etc. Could be the capsule was likened to a bean; legume (?). cf. *Nervilia leguminosarum*.
-leguum: used in combwds.: gathered; furled; rolled up.
lehmanneptis: haven't any info., so can only translate this as: Lehmann's granddaughter (*neptis*: granddaughter). I presume it refs. to F.Lehmann (see *lehmannii*). ex Colombia, cf. *Pleurothallis lehmanneptis* Luer & R.Escobar 1998.
lehmanniana: belonging to Lehmann, see *lehmannii*. ex Colombia, etc., cf. *Habenaria lehmanniana* Kraenzl.1893.
lehmannianum: as *lehmanniana*. ex Colombia to Venezuela, cf. *Bulbophyllum lehmannianum* Kraenzl.1899.
lehmannianus: see *lehmanniana*. ex Venezuela to Ecuador, cf. *Leochilus lehmannianus* Kraenzl.1922. syn. *Caucaea radiata*.

lehmannii: listed for botanist, naturalist and author, Friedrich Carl Lehmann [+ of] (1850-1903). Was the German consul in Popayan, Colombia and collected widely in Colombia, Costa Rica, Guatemala, Ecuador, W.Indies, etc. Descs. accr. to him are abbr. to: F.Lehm. ex Ecuador, cf. *Pescatoria lehmannii* Rchb.f.1879.

leiantha: ref. *leios*: smooth + flower. cf. *Lycaste leiantha*. syn. *L. deppei*.

leibergii: of Leiberg. For botanist, John Bernhard Leiberg (1853-1913). ex Luzon, Philipp.,1904. cf. *Bulbophyllum leibergii* Ames & Rolfe 1915.

leichen: when used in combwds., can be for either moss, or lichen. See separate entries.

leimebambae: of Leimebamba, as *leimebambense*. cf. *Stenoptera leimebambae* T.Hashim. 1971. syn. *S. peruviana*.

leimebambense: from Leimebamba (village), Amazonas Department, Peru. cf. *Epidendrum leimebambense* Hágsater 1993.

leinigii: of Leinig, listed for botanist, M.Leinig. ex Brazil, cf. *Stelis leinigii* Pabst 1967.

Leioanthum: M.A.Clem.& D.L.Jones 2002: smooth; bald + flower. syn. *Dendrobium* Sw.

leiobolbon: as *leio bulb*on. cf. *Epidendrum leiobolbon*. syn. *Encyclia varicosa* ssp. *leio bulb*on.

*leio bulb*on: ref. *leios*: smooth; bald + bulb. cf. *Encyclia varicosa* ssp. *leio bulb*on.

leio caulon: smooth; bald + stem; stalk. cf. *Elleanthus leio caulon*.

Leiochilus: Benth.1881: ref. *leios*: smooth; bald + lip. syn. *Leochilus* Knowles & Westc.

leioglossa: bald; smooth + tongue. cf. *Phreatia leioglossa*.

leiophylla: ref. *leios*: bald; smooth + leaf. The leaves are hairless. cf. *Eria leiophylla*.

lejolyana: listed for botanist and author, Jean Lejoly (b1945). ex sthn. Zaire, cf. *Eulophia lejolyana* Geerinck 1990.

Lemboglossum: Halb.1984: ref. *lembos*: a small fast boat + tongue. Noted, the labellum has a boat-shaped callus. syn. *Rhynchostele* Rchb.f.

lemminghei: was listed as such, but the official listing is: ex Venezuela, cf. *Psychopsiella limminghei*, see later entry.

lemnifolium: ref. *lemniskos*: a fillet; narrow band; ribbon + leaf. cf. *Bulbophyllum lemnifolium*.

lemniscata: ref. *lemniscatus*: adorned with ribbons. Ref. the paleae. cf. *Phyllorkis lemniscata*. syn. *Bulbophyllum lemniscatum*.

lemniscatoides: see *lemniscata* + resembling. Or, could be it was likened to *Bulbophyllum lemniscatum* (?). cf. *B. lemniscatoides*.

lemniscatum: as *lemniscata*. cf. *Bulbophyllum lemniscatum*.

lemniscifolia: see *lemnifolium*. cf. *Pleurothallis lemniscifolia*.

lemoineanum: belonging to Lemoine. For botanist and author, Pierre Louis Victor Lemoine (1823-1911). cf. *Cypripedium* x *lemoineanum* Rchb.f. Listed among the synonyms, without date, location, or the "correct name".

lemoniana: listed for noted grower, Sir Charles Lemon (+ belonging to) of Cornwall, Eng. ex Brazil, cf. *Cattleya lemoniana* Lindley 1846. syn. *C. labiata*.

lemonianum: as *lemoniana*. ex Hispaniola Island, cf. *Oncidium lemonianum* Lindley 1835. syn. *O. guianense*.

lemur: a separate entry, as refs. could be for a lemur: a small furry mammal, having a long tail, many being nocturnal and peculiar to Madagascar. Also, *lemur* can be a

general word for a monkey. + Ref. *lemuris*: a ghost; spectre; apparition. Can also allude to simply, being hairy and weird, strange, etc.(like a lemur?).

Lemuraea: see lemur + suffix = *Bulbophyllum* section.

Lemurangis: see lemur + vessel. Can't associate this, possibly it's for the long slender spur (the vessel) and alluding to a Lemur's long tail (?).= *Angraecum* section.

Lemuranthe: Schltr.1924, ex central Madagascar. See lemur + flower. syn. *Cynorchis*.

Lemurella: Schltr.1925: see lemur +-ella: dimin.; small. Also, it may have been likened to a small *Lemurorchis* (?). ex Madagascar and the Comoros, eg. *Lemurella culicifera*.

lemurella: with these authors it should be a contraction of *lemuris* (+-ella: small), see lemur. cf. *Dracula lemurella* Luer & R.Escobar 1981.

lemurensis: see lemur + see -ense. May be an oblique ref. to being from Madagascar (which it is). cf. *Bulbophyllum lemurensis* Bosser & P.J.Cribb 1999.

lemurioides: see lemur + resembling. cf. *Bulbophyllum lemurioides*. syn. *B. ankaratranum*.

Lemurorchis: Kraenzl.1893: see lemur + see -orchis, orchid. eg. *Lemurorchis madagascariensis* Kraenzl. Noted as monotypic in Madagascar.

lenbrassii: for Leonnard ("Len") Brass, info. see *brassii*. ex PNG., cf. *Eulophia lenbrassii* Ormerod 2003.

lendyana: as *lendyanum*. ex Mexico, cf. *Chondrorhyncha lendyana* Rchb.f.1886.

lendyanum: belonging to Lendy. Listed for noted grower and collector, Major P.Lendy. ex Vietnam, cf. *Cleisostoma lendyanum* (Rchb.f.) Garay 1972.

lendyanus: as *lendyanum*. cf. *Sarcanthus lendyanus* Rchb.f.1884. syn. *Cleisostoma lendyanum*

lenheirensis: for place name (+ from), listed as ex Minas Gerais state, Brazil. cf. *Cleistes lenheirensis* (Barb.Rodr.) Hoehne 1940.

leniae: of Leni. Listed for orig.coll., Ms. Helena ("Leni") Duistermaat. ex Sabah, Borneo, cf. *Bulbophyllum leniae* J.J.Verm.1991.

-lenta, -lentum, -lentus: used in compwds.: markedly; well developed; full of; an abundance; plenty; apt, or tending to.

lenticel: a, usually lens-shaped group of cells on many parts of leaves and floral segments. Often being very visible by containing crystal-groups, light gathering cells and stomata. eg. See sketch of "jewel orchid" (at "J") and ref. the leaf spots.

lenticular: ex *lenticula*: of, or like a freckle; a spot likened to a small lentil seed. + Can be: of an organ, or part having the shape of a lentil (seed, + see lentil).

lenticularis: see lenticular. cf. *Trichosalpinx lenticularis*.

lentiginosa: see lentiginose. cf. *Promenaea lentiginosa*.

Lentiginosae: those (being) lentiginose.= *Coelogyne* section.

lentiginose: went to my trusty old Eng. dictionary as I've not seen this word before and other sources only said, ref. *lentiginosus*. Ref. *lentiginis*: a small, rounded, mostly reddish-brown spot; a freckle + Eng. suffix: freckled. + See lenticular, lentil.

lentiginosum : see lentiginose. cf. *Oncidium lentiginosum*.

lentiginosus: descwd. ref. *lentiginis* + see -osa: speckled with freckle-like spots.

lentil: a separate entry to save much repetition. A lentil is of the genus *Lens*, of the pea family, *Fabaceae*. Noted as an ancient and important food source for man and beast. Archeology records that man has cultivated them from as far back as

2,200BC. Refs. beginning: *lentic-*, *lentig-* are from *lens*, *lentis*, *lentigo*, *lentiginis* and allude to the seed which has a shape likened to a double convex lens. Can ref. to a spot like a freckle, or an organ or part being lens-shaped. See *lentiginose*, *lentiginosus*.

leo: lion. cf. *Pterichis leo*. syn. *P. galeata*.

leochilina: lion + lip + like. cf. *Rodriguezia leochilina*. syn. *Goniochilus leochilus*.

leochilinum: as *leochilinus*. cf. *Mesospinidium leochilinum*. syn. *Goniochilus leochilinus*.

leochilinus: ref. *leios*: smooth; bald, or ref. *leonis*: lion (?) + lip + *-ina*: like, etc. cf.

Goniochilus leochilinus.

leochiloides: *Leochilus* + resembling. cf. *Oncidium leochiloides*. syn. *Caucaea radiata*.

leochilum: same as *Leochilus*. cf. *Hormidium leochilum*. syn. *Pinelia leochilus*.

Leochilus: Knowles & Westc.1838. I said: lion + lip, but one major ref. says: smooth (ref. *leios*) + lip. This could be right, see *Leiochilus*. Listed as ex Mexico and Guatemala, eg. *Leochilus oncioides*.

leochilus: see *Leochilus*, same comments. cf. *Pinelia leochilus*.

leochromus: a vague colour term: lion + colour: a tawny yellowy-brown.

x *Leocidium*: auct. On the syn. list, cf. *Leochilus* x *Oncidium*.

x *Leocidmesa*: auct. On the syn. list, cf. *Gomesa* x *Leochilus* x *Oncidium*.

x *Leocidpasia*: auct. On the syn. list, cf. *Aspasia* x *Leochilus* x *Oncidium*.

leonardiana: listed for botanist and author, Jean Joseph Gustave Léonard [+ belonging to] (b1920). ex Rwanda, Africa, cf. *Polystachya leonardiana* Geerinck 1979.

leonardii: listed for botanist and author, Emery Clarence Leonard [+ of] (1892-1968). ex Hispaniola Island, cf. *Malaxis leonardii* Ames 1922.

leonensis: from Sierra Leone, west Africa. cf. *Eulophia leonensis* Rolfe 1897.

leoniae: noted the orig.coll., Allan Goss, requested the spec. for his wife (Leonie + of ?). ex Rangoon, Burma (now: Yangon, Myanmar), cf. *Aerides leoniae* Rchb.f.1882. syn. *A. falcatum*.

leon-ibarrae: for phytologist, Leon Ibarra (+ of). Another for him, see *ibarrae*. ex Mexico, cf. *Habenaria leon-ibarrae* R.Jiménez & Carnevali 2001.

leonii: of Léon Humblot, see *leonis* (same comments). cf. *Aeranthus leonii* Rchb.f.1885. syn. *Angraecum leonis*.

leonine: of, like, or relative to a lion.

leoninus: leonine. Also, noted as another word for the colour: tawny.

leonis: listed as Lat'd for the given name of French botanist, naturalist and author, Léon Humblot. Haven't much info. on him except, noted he was appointed by the French, as ruler of Njazidja Island (Comoros), 1892. He is recorded as an extremely vicious and cruel despot and was deposed, 1896. cf. *Angraecum leonis* (Rchb.f.) André 1885.

leonis: lion. Noted the flower was alluded to resemble a lion's mouth. cf. *Dendrobium leonis*.

leontoglossa: ref. *leontos*: lion + tongue. cf. *Maxillaria leontoglossa*. syn. *Xylobium leontoglossum*.

leontoglossum: as *leontoglossa*.cf. *Dendrobium leontoglossum*.

leontoglossus: see *leontoglossa*. cf. *Hapalochilus leontoglossus*. syn. *Bulbophyllum leontoglossum*.

leonum: lion. ex Peru, cf. *Dracula leonum*.

leopard-: a separate entry to save much repetition, *leo-*: lion + see *pard* (ref. *pardos*): a spotted animal: a spotted lion. Refs. to a leopard seems to be more exotic than simply saying, it's spotted. Same principle, when you see a word starting with *tigri-*, it's mainly for stripes (but, can also be both, stripes and blotches, ref. *tigris*: tiger, see "T"). So, *leopard-*, mainly: spotted and blotched. + See *maculate*.

Leopardanthus: Blume 1849: see *leopard-*+ flower (for the spots). eg. *Leopardanthus scandens*. syn. *Dipodium scandens*.

leopardina: like a leopard; spotted and blotched. cf. *Restrepia leopardina*. syn. *R. maculata* (which still means: spotted, see *maculate*).

leopardinum: as *leopardina*. cf. *Bulbophyllum leopardinum*.

leopardinus: as *leopardina*. cf. *Sarcochilus leopardinus*. syn. *Pteroceras leopardinum*.

leopardorum: see *leopard-*+ of. cf. *Aerides leopadorum*. syn. *Gastrochilus calceolaris*.

leopoldianum: noted as dedicated to King Leopold II of Belgium (1835-1909). ex Ecuador to Peru, cf. *Cyrtorchilus leopoldianum* (Rolfe) Kraenzl.

leopoldii: noted as dedicated to King Leopold I of Belgium (1790-1865). ex Brazil, cf. *Cattleya leopoldii* Verschaff. ex Lem. 1854. syn. *C. tigrina*. + See next entry.

leopoldii: maybe as *leopoldianum*. Also by the given locations, could be: of Mont Leopold (mtn. peak), s.east Congo, and/or of Lac Leopold II (: Lac Mai-Ndombe) lake, nthn. Congo (DRC.). cf. *Brachycorythis pleistophylla* var. *leopoldii* (Kraenzl.) Geerinck.

leopoldinensis: from Leopoldina city, Minas Gerais state, Brazil. cf. *Sanderella leopoldinensis* Dutra 1959. syn. *Sanderella riograndensis* Dutra 1959.

leopoliensis: from Leopold (: L'viv), a major city of L'viv oblast (: region), Ukraine. cf. *Orchis ustulata* var. *leopoliensis* Zapal 1906. syn. *Neotinea ustulata*. Trivium: it's noted, that now, the accepted spec. for this place name: *leopolitanus*.

x *Lepanopsis*: auct. On the syn. list, cf. *Lepanthes* x *Lepanthopsis*.

lepantense: listed for place name: from Lepanto (village), Central Mtns., Luzon, Philipp. cf. *Bulbophyllum lepantense* Ames 1912.

Lepantes: Sw.1799, see *Lepanthes*. syn. *Lepanthes*.

Lepanthanthe: there's many possibilities for this! The most obvious being, ref. *Lepanthes* + flower, for some superficial likeness (?), + see *Lepanthes*. = *Bulbophyllum* section.

Lepanthes: Sw.1799. Initially I took the lead of many refs. and said: *Lep-*, ref. *lepis*: scale, or ref. *lepidos*: scale-like + flower. Reputed as alluding to the size and shape of the flowers. I was never happy with this, as in many descriptions, I couldn't ever find any ref. to the flowers being likened to scales, however oblique. For years, I never thought much of it, as this genus is unknown to me except from books. Whilst researching and examining line drawings, wondered if it has anything to do with butterfly-like insects (: see *Lepidoptera*). So many of the flowers look as if there's an insect in the centre (albeit, very small), when looking straight into the open flower. Could *Lep-* be an extreme contraction for *Lepidoptera*? To support this reasoning, I ref. to a beautiful line drawing by Mrs. Blanche Ames of

Lepanthes hondurensis Ames. The centre of the flower has a most perfect little butterfly (shape). Then again, *Lep-* is quite possibly a contraction of *lepidus* (see “L”): neat; pleasant; agreeable, etc. + flower(s), as (ex Jamaica and Venezuela), ref. *Lepanthes concinna** Sw.1799. syn. *L. ovalis*. *See *concinus* which, virtually, has the same meanings as *lepidus*.

Lepanthes: as last entry.= *Lepanthes* section, and/or subgenus.

lepanthes: see *Lepanthes*. cf. *Liparis lepanthes*.

lepanthiflora: *Lepanthes* + flower. cf. *Malaxis lepanthiflora*.

lepanthiflorum: *Lepanthes* + flower. cf. *Bulbophyllum lepanthiflorum*.

lepanthiform sheaths: *Lepanthes* + form + sheaths. Sometimes noted in discussions:

amplexicaul (: stem-clasping) bracts, or leaf-like sheaths may be likened to those peculiar to the genus *Lepanthes*.

Lepanthiformes: *Lepanthes* + shaped.= *Pleurothallis* section *Acuminatae* subsection

Lepanthiformes. syn. *Trichosalpinx* subgenus *Tubella* section *Tubellae*.

lepanthiformis: noted for the lepanthiform sheaths, see previous entry. cf. *Pleurothallis*

lepanthiformis. syn. *Trichosalpinx ciliaris*.

lepanthipoda: see *Lepanthes* + foot. cf. *Pleurothallis lepanthipoda*. syn. *Trichosalpinx montana*.

lepanthoides: *Lepanthes* + resembling. cf. *Pleurothallis lepanthoides*. syn. *Trichosalpinx arbuscula*.

Lepanthopsis: (Cogn.) Ames 1933: *Lepanthes* + appearance. Noted the plant was likened to a *Lepanthes*. ex Brazil, eg. *Lepanthopsis densiflora*.

lepanthopsis: *Lepanthes* + appearance. cf. *Pleurothallis lepanthopsis*. syn. *Trichosalpinx dura*.

lepida: scale, + see *lepido-*. Ref. scaly callus at base of lip, was likened to a “collar” on the column. Or, could be ref. *lepidus*: neat; elegant, etc., but is more likely the former. cf. *Otostylis lepida*.

lepidissima: scaly + emphatic suffix: very, etc. cf. *Myrmecophila lepidissima*. syn. *M. galeottiana*.

lepidium: listed as the one word, a kind of plant, commonly: pepperwort, genus *Lepidium* of the mustard family (see mustard), for some superficial likeness (?). Also, possibly it refs. to *lepido-*+ dimin.: small scale(s?). cf. *Aerides lepidium*.

lepido-: used in compwds., ref. *lepis*, *lepidos*: scale; scale-like; scaly. Resembling, or for anything to do with scales.

lepidochilum: scaly + lip. cf. *Dendrobium lepidochilum*.

Lepidogyne: Blume 1859: scaly + woman. Has small scales at the stigma (: the “woman”, see stigma). ex Malesia to New Guinea, eg. *Lepidogyne longifolia*. Noted as monotypic.

Lepidoptera, lepidopterous: scale + wing + (Eng.) suffix: of; like; relative to. For anything to do with butterflies and moths, which belong to the large order of insects: Lepidoptera. The order is listed to have c160,000 species and I think I’m having a hard time with just a few orchids. Imagine the size of this work if I was a lepidopterist!

Lepidorhiza: scaly + roots. Not really scales, they are minute papillae.= *Bulbophyllum* section.

lepidota: *lepid-*+ suffix: having, or like scales. Could also be *lepis*: scale + ref. *otos*: ear (?), but should apply to the former. cf. *Maxillaria lepidota*.

lepidotum: as *lepidota*. cf. *Angraecum lepidotum*. syn. *Tridactyle anthomaniaca*.

lepidotus: covered with scales; having many scales. cf. *Cryptophoranthus lepidotus*. syn. *Zootrophion gracilentum*.

lepidum: has many possibilities. See *lepid-*, *lepidus*. cf. *Bulbophyllum lepidum*.

lepidus: descwd.. Ref. *lepidus*: neat; elegant; fine; nice; pleasant; charming; agreeable. Can also be: merry; gay; festive, etc.

lepidus: as last entry. cf. *Schizochilus lepidus*.

lepoense: listed for place name: from Lepo-lepo (or, LepoLepo?), Celebes (Sulawesi), Indon. cf. *Dendrobium lepoense* Schltr.1911.

Leporella: A.S.George 1971: ref. *leporis*: a hare + dimin. Very apt, as the common name is: "hare orchid", for the erect hairy petals likened to a hare's ears. cf. *Leporella fimbriata*. Noted as monotypic and endemic to sthn. Aust.

leporinum: ref. *leporis*: a hare + see *-ina*: like, etc. Probably ref. the erect petals, likened to (a hare's) "ears". cf. *Dendrobium leporinum*.

leprieurii: listed for botanist, naturalist and author, M.F.R.Leprieur [+ of] (1799-1869).

Descs. accr. to him are abbr. to: Lepr. ex Trinidad to the central sth. Americas, cf. *Habenaria leprieurii* Rchb.f.1847.

lepro-: used in combwds., ref. *leprosus*: scaly; (like) being leprous, ie., scurfy; scaly; scabby; leprous, etc. Noted as ex *lepein*: to scale off; peel.

leproglossum: see *lepro-*+ tongue. cf. *Bulbophyllum leproglossum*.

leprosum: ref. *leprosus*, see *lepro-*. cf. *Epidendrum leprosum*. syn. *Oerstedella centropetala*.

leprosus: ex *leprosus*: to do with the terrible, invidious disease of leprosy. A much stronger word than "scaly", etc. Noted *leprosus* from a description and it referred to the appearance of the stem's protective sheaths, sloughing away with maturity, as the skin of a leper.

lept-: used in combwds., ref. *leptos*, mostly: slender; delicate; thin; weak. + Can be: peeled; cleaned (off).

leptacaulon: see *lept-*+ ref. *caulis*: stem; stalk. cf. *Platanthera leptacaulon*.

leptantha: see *lept-*+ flower. cf. *Renanthera leptantha*. syn. *Arachnis labrosa*.

leptanthum: see *lept-*+ flower. cf. *Bulbophyllum leptanthum*.

lepticaula: see *lept-*+ stem; stalk. cf. *Lockhartia lepticaula*.

leptobrachiata: see *lept-*+ see *brachiata*: armed. cf. *Habenaria leptobrachiata*. syn. *H. antennifera*. Of interest: one says it has slender arms and the other, antennae.

leptobulbon: see *lept-*+ bulb. cf. *Bulbophyllum leptobulbon*.

leptocarpa: see *lept-*+ fruit (: capsule). cf. *Eria leptocarpa*. syn. *E. valida*.

leptocarpum: see *lept-*+ fruit (: capsule). cf. *Trichosmum leptocarpum*. syn. *Eria valida*.

leptocarpus: as *leptocarpum*. cf. *Cylindrolobus leptocarpus*. syn. *Eria valida*.

leptocaulon: see *lept-*+ ref. *caulis*: stem; stalk. cf. *Bulbophyllum leptocaulon*.

Leptocentrum: Schltr.1914: see *lept-*+*-centrum*: spur. syn. *Rangaeris*.

Leptoceras: (R.Br.) Lindley 1840, see *lept*-+ horn(s). Ref. the thin, erect sepals. syn.

Caladenia R.Br.

leptoceras: see *lept*-+ horn. cf. *Habenaria leptoceras*.

leptoceratitis: see *lept*-+ horn + relative to. cf. *Habenaria leptoceratitis*.

leptochila: see *lept*-+ lip. cf. *Caladenia leptochila*. Noted as endemic to Sth.Aust.

leptochilus: see *lept*-+ lip. cf. *Phlebochilus leptochilus*. syn. *Caladenia leptochila*.

leptochlamys: see *lept*-+ cape; cloak; covering. cf. *Bulbophyllum leptochlamys*.

leptocladum: see *lept*-+ see *clad*-: shoot, etc. Ref. the stem. cf. *Dendrobium leptocladum*.

leptoclavia: see *lept*-+ club. cf. *Caladenia leptoclavia*. Noted as endemic to NSW., Aust.

leptoclavium: see *lept*-+ club + of. cf. *Calonema leptoclavium*. syn. *Caladenia leptoclavia*.

× *Leptodendrum*: auct. On the syn. list, cf. *Epidendrum* × *Leptotes*.

× *Leptokeria*: auct. On the syn. list, cf. *Barkeria* × *Leptotes*.

× *Leptolaelia*: auct. On the syn. list, cf. *Laelia* × *Leptotes*.

leptoleucum: see *lept*-+ white. Struggled through the Latin description to see if I could determine what the *-leucum* was for. The ref. is to the bracts and rachis being slender and “white”. cf. *Bulbophyllum leptoleucum*.

leptoloba: see *lept*-+ lobe. cf. *Habenaria leptoloba*.

leptomera: see *lept*-+ part(s?). cf. *Ophrys leptomera*. syn. *O. scolopax* ssp. *cornuta*.

leptopetala: see *lept*-+ petals, cf. *Pleurothallis leptopetala*. syn. *P. discoidea*.

leptopetalum: see *lept*-+ petals. cf. *Satyrium leptopetalum*. syn. *S. volkensis*.

leptophylla: see *lept*-+ leaf. cf. *Phreatia leptophylla*.

Leptophyllae: see *lept*-+ leaf.= *Octomeria* section *Teretifoliae* subsection *Leptophyllae*.

leptophyllum: see *lept*-+ leaf. cf. *Bulbophyllum leptophyllum*.

leptophyton: see *lept*-+ plant. cf. *Dendrobium leptophyton*.

leptopus: slender + foot. Ref. the thin scape. cf. *Bulbophyllum leptopus*.

Leptopus: as *leptopus*. = *Bulbophyllum* section.

Leptorchis: Thouars 1809: see *lept*-+ see orchid. syn. *Liparis*.

Leptorkis: Thouars 1809: see *lept*-+ see -orchis, orchid. syn. *Liparis* Rich.

leptorrhachis: see *lept*-+ see rachis: flower stem part. The rachis is usually flattened, so it's “thin”. cf. *Bulbophyllum leptorrhachis*. syn. *B. falcatum*.

leptorrhizum: see *lept*-+ roots. cf. *Taeniophyllum leptorrhizum*.

leptosepala: see *lept*-+ sepal(s). cf. *Maxillaria leptosepala*. syn. *M. setigera*.

leptosepalum: see *lept*-+ sepal(s). cf. *Bulbophyllum leptosepalum*.

leptostachya: slender + spike. cf. *Amphigena leptostachya*. syn. *Disa tenuis* (: slender).

leptostachys: slender + spike. cf. *Monadenia leptostachys*. syn. *Disa rufescens*.

leptostachyum: slender + spike. cf. *Bulbophyllum leptostachyum*.

leptostele: see *lept*-+ pillar; column. cf. *Microcoelia leptostele*.

leptostigma: slender + see stigma. cf. *Habenaria leptostigma*. syn. *H. welwitschii*.

Leptotes: Lindley 1833: slender + see -otes: the feature. Also, noted it can be one word: delicateness. Ref. the leaves. ex Brazil, eg. *Leptotes tenuis*.

Leptothrium: Kunth 1816: see *lept*-+ ref. *thrion*: fig-leaf. syn. *Isochilus* R.Br.

leptotifolia: delicate (+ see *Leptotes*) + leaf. Or, could be: slender + emphasis: most; very, etc. + leaf. cf. *Pleurothallis leptotifolia*.

leptoura: slender + tails. cf. *Masdevallia pachyura* ssp. *leptoura*. Of interest to note, *pachyura*: thick tails and this one has "thin" tails. syn. *M. leptoura*.
x Leptovola: auct. On the syn. list, cf. *Brassavola x Leptotes*.
Leptrocentrum: could be a typo and should be *Leptocentrum* (?): slender + spur.= *Satyrium* section.
lepturum: slender + tail. cf. *Oncidium lepturum*.
Lequeetia: Bubani 1901. Listed for Nicolas Lequeet (+ of), a specialist collector of plants with medicinal qualities. syn. *Limodorum* Boehm.
leratae: listed for orig.coll., Madame LeRat (+ of), ex New Caledonia. cf. *Bulbophyllum leratae* Seidenf.1974. syn. *B. baladeanum*.
leratii: as *leratae*. cf. *Bulbophyllum leratii* (Schltr.) J.J.Sm.1912. syn. *B. gracillimum*.
le-ratii: as *leratae*. cf. *Vieillardorchis le-ratii* Kraenzl.1928. syn. *Goodyera scripta*.
leroyi: listed for orig.coll., Claude G.LeRoy. ex nth. Qld., Aust. cf. *Cymbidium leroyi* St.Cloud 1955. syn. *Cymbidium madidum*. + See next entry.
leroyi: for phytologist and author, Jean-F.Leroy [+ of] (b1915). cf. *x Orchiserapias leroyi* A.Camus & Sennen. Listed among the synonyms, without further info.
lesbiensis: from Lesbos, see *lesbis*. Listed as a cross of *Anacamptis pyramidalis x A. sancta*. cf. *Anacamptis x lesbiensis* (Biel 1998) ined.
lesbis: listed for place name: Lesbos, a Gk. island, off the coast of Turkey, east Aegean Sea. cf. *Ophrys lesbis* Golz & H.R.Reinhard 1989. syn. *O. argolica*.
leschenaultii: for Mon.Leschenault de la Tour, see *Latourea*. ex the Philipp., cf. *Eulophia leschenaultii* Blume 1858. syn. *Eulophia exaltata*.
Lesliea: of Leslie. For the given name of L.A.Garay (more, see *garayana*). ex Thailand, eg. *Lesliea mirabilis*. Noted as endemic and monotypic.
x Leslieara: auct.: of, or belonging to Leslie, see *Lesliea*. On the syn. list, the result of *Broughtonia x Cattleyopsis x Diacrium x Epidendrum*.
letouzeyana: belonging to Letouzey, see *letouzeyi*. ex Cameroon, Africa, cf. *Liparis letouzeyana* Szlach.& Olszewski 2001.
letouzeyi: listed for botanist and author, René Letouzey (1918-1989). ex Madagascar, cf. *Angraecum letouzeyi* Bosser 1990.
leuc-, *-leuca*, *leuco-*, etc.: ref. *leukos*: white. Used in compwds. and is not specific, ie.: "white" in general. Adaptions of *leukos* when used as a prefix, or suffix, esp. with a colour, can often indicate paleness, eg., see *ochroleucus*.
x Leucadenia: Schltr. On the syn. list, cf. *Gymnadenia x Leucorchis* (syn. *Pseudorchis*).
leucadica: for place name: belonging to Leucas (Levkás) islands, Ionian Islands, s.west Greece. cf. *Ophrys leucadica* Renz 1928. syn. *O. fusca* ssp.*fusca*.
Leucanorchis: white, or pale (see *leuc-*) + orchid. eg. *Leucanorchis sylvatica*. syn. *Didymoplexis pallens* (: fading; becoming pale, so it's not really a pure white).
leucantha: white + flower. cf. *Lycaste leucantha*.
leucanthum: white + flower. cf. *Pomatocalpa leucanthum*. Pers.coll., not common ex PM.PNG.
leucanthus: white + flower. cf. *Cylindrolobus leucanthus*. syn. *Eria leucantha*.

leucarachne: white + spider; spidery. cf. *Thrixspermum leucarachne*. Not this one, but we had a few species of *Thrixspermum*, locally in PM.PNG. and they all had flowers that could be alluded to being spider-like.

leucaspis: white + shield. cf. *Phalaenopsis rosea* var. *leucaspis*.

x *Leucermidium*: auct. On the syn. list, cf. *Herminium* x *Leucorchis* (syn. *Pseudorchis*).

leuchostachya: white + spike. cf. *Eria leuchostachya*. syn. *E. pachystachya*.

leucocardium: white + heart. cf. *Epidendrum leucocardium*. syn. *E. eburneum*.

leucocephalum: white + head. Ref. the clustered "head" of flowers. cf. *Agrostophyllum leucocephalum*.

leucoceras: white, or pale (?) + horn. cf. *Habenaria leucoceras*.

leucocheila: white + lip. cf. *Maxillaria leucocheila*. syn. *M. luteoalba*.

leucocheile: white + lip. cf. *Maxillaria leucocheile*. syn. *M. picta*.

leucochila: white + lip. cf. *Gongora leucochila*.

leucochilum: white + lip. cf. *Oncidium leucochilum*.

leucochlora: white + (pale) green. cf. *Callista leucochlora*. syn. *Dendrobium leucochlorum*.

leucochlorum: white + (pale) green. cf. *Dendrobium leucochlorum*.

leucochysum: white + *chysum*, an error for *-chrysum*: (orange-) gold (?). cf. *Dendrobium leucochysum*. syn. *D. bracteosum* (the white form, with orange tipped labellum. I only ever found the beautiful pink one, see notes at *bracteosum*).

leucocomos: white + ref. *coma*, *comosus*: hair; hairy; tufted (+ see *Leucocomum*). Also of interest, *komos* trans. to: a happy revelry. cf. *Satyrium leucocomos*. syn. *S. trinerve*.

Leucocomum: white + tufted (hair).= *Satyrium* section.

leucocorys: white + helmet. cf. *Coryanthes leucocorys*.

leucocyanum: white + see *cyan-*: blue. cf. *Dendrobium leucocyanum*.

leucodon: white + teeth. The purple flower has a white bi-dentate lip. cf. *Malaxis leucodon*.

leuco-flavescens: white + pale yellow + suffix: becoming. cf. *Lycaste leuco-flavescens*. syn. *L. leucantha*.

leucoglossa: white, or pale (?) + tongue. cf. *Orchis leucoglossa*. syn. *Anacamptis collina*.

leucoglossum: white + tongue. cf. *Odontoglossum hallii* var. *leucoglossum*. syn. *O. hallii*.

Leucoglossum: white + tongue.= *Odontoglossum* section.

leucoglottis: white + tongue (or, throat? By the "correct name", probably: tongue). cf. *Helleborine leucoglottis*. syn. *Serapias lingua*.

leucohybos: white + hump; humped. cf. *Dendrobium leucohybos*.

Leucohyle: Klotzsch 1854: see *leuc-* + ref. *hyle*: wood (like): white, or pale wood (?). ex Brazil, eg. *Leucohyle brasiliensis* (Cogn.) Schltr.1914.

leucojiflora: ref. the genus *Leucojum* L., commonly: snowflake, having white bell-like flowers (not orchids). Small bulbous plants, they belong to the family amaryllis (*Amaryllidaceae*) +-*flora*: flower(s). Obviously, the author saw some superficial resemblance. cf. *Chloraea leucojiflora* Kraenzl.1903. syn. *C. nudilabia*.

Leucolena: Ridl.1891: white + ref. *laena*: a cloak; covering, etc. eg. *Leucolena ornata*. syn. *Didymoplexiella ornata*.

leucolophotum: white + ref. *lophos* + suffix: crest-like; crested. Not really a “crest”, as it’s noted to be a fanciful allusion to the unilateral flowers, of the raceme, being likened to a horse’s mane. cf. *Dendrobium leucolophotum*.

leucomela: white + black. Ref. the whitish flowers and “black” spot at the labellum apex. cf. *Glomera leucomela*.

leucomelana: white + blackish. For the contrasting very dark flowers and whitish ovary area. cf. *Jacquiniella leucomelana*.

leucomelanum: as *leucomelana*. cf. *Epidendrum leucomelanum*. syn. *Jacquiniella leucomelana*.

leucomelas: white + blackish. cf. *Miltonioides leucomelas*.

leuconeura: white + nerves (veins). cf. *Disperis leuconeura*.

leucopecten: white + comb. cf. *Habenaria leucopecten*.

leucopetala: white + petals. cf. *Gastrodia leucopetala*. syn. *G. cunninghamii* Hook.f.1853.

leucophaea: see *leucophaeus*. cf. *Platanthera leucophaea*.

leucophaeus: *leuco-*: white + *phaeus*: dusky grey. Also listed as the one word, a vague colour term: chalky; greyish-white; off-white; a paler grey.

leucophaeus: see *leucophaeus*. Ref. exterior of flower. cf. *Phaius leucophaeus*. syn. *P. tankervilleae*. Unfortunately we never found them, within the environs of PM.PNG. I had one given to me, which I grew, happily and successfully in a pot. A highly desirable, magnificent terrestrial.

leucophota: as *leucophotum*. cf. *Callista leucophota*. syn. *Dendrobium affine*. Pers.coll., common ex Dawin, NT., Aust.

leucophotum: see *leuc-*: white + ref. *photos*: light; shiny. Not a pale white, but as a brilliant white (and yes, they are except for the labellum). cf. *Dendrobium leucophotum*. syn. *Dendrobium affine*. Pers.coll. (see *affine*).

leucophthalma: see *leuc-*: white, or pale + ref. *ophthalmos*: eye. cf. *Ophrys leucophthalma*. syn. *O. mammosa*.

leucopogon: white + beard. cf. *Stelis leucopogon*. syn. *S. superbiens*.

leucoptera: white + wing(s?). cf. *Zeuxine leucoptera*.

leucopterum: white + wing. cf. *Cyrtochilum leucopterum*.

leucopyramis: white + pyramid. Probably alluding to the raceme shape. cf. *Pleurothallis leucopyramis*.

Leucorchis: E.Mey.1839: see *leuc-*: white, or pale (?) + orchid. Have seen many colour photo’s of this one and they are always some shade of pale yellow. Perhaps the first one found was very pale, or whitish? One form is described as *straminea* (see *stramineus*: straw colour) + the example I give: “whitish”. eg. *Leucorchis albida*. syn. *Pseudorchis albida*. + See next entry.

Leucorchis: Blume. See last entry. syn. *Didymoplexis* Griff.

leucorhachis: white + see *rachis*: flower stem part. cf. *Bulbophyllum leucorhachis*. syn. *B. imbricatum*.

leucorachne: a contraction of white (or, pale ?) + spider. cf. *Thrixspermum leucorachne*.

leucorhoda: white (or, pale?) + rosy. cf. *Bifrenaria leucorhoda*.

leucorhodum: white + see *rhod-*: rose (rosy). Noted, the flowers outside are whitish and inside, a darkish pink. cf. *Dendrobium leucorhodum*. syn. *D. anosmum*.

leucorhodus: as *leucorhoda*. cf. *Hapalochilus leucorhodus*. syn. *Bulbophyllum leucorhodum*.
leucorrhoda: white (or, pale?) + rosy. cf. *Phalaenopsis* x *leucorrhoda* Rchb.f.1875. ex the Philippines, listed as a natcross of *P. aphrodite* x *P. schilleriana*.
leucorrhodum: white + rosy (pink). cf. *Cypripedium* x *leucorrhodum* Rchb.f. syn.
leucosantha: white + flower. cf. *Habenaria leucosantha*.
leucosceptrum: white + staff. Could be for the inflo., or the long spur of the flower. cf. *Calanthe leucosceptrum*.
leucosepala: white + sepal(s?). cf. *Pleurothallis leucosepala*.
leucostachya: white + spike. Ref. the raceme. cf. *Phreatia leucostachya*.
Leucostachys: Hoffmanns.1842: white + spike. syn. *Goodyera* R.Br.
leucostachys: white + spike. Ref. the inflo. By the description and discussion, it must've been a very pale one, as they are noted as being mostly a paler yellow. cf. *Orchis leucostachys*. syn. *O. provincialis*.
leucostele: white + pillar; column. ex Sumatra, cf. *Vanda leucostele*.
leucosticta: white + dots. cf. *Pelexia leucosticta*. syn. *P. novofriburgensis*.
leucostomum: white + see stoma: mouth. cf. *Oncidium leucostomum*. syn. *O. hians*.
leucotaenia: white + ribbon; band. cf. *Zeuxine leucotaenia*. syn. *Rhomboda atrorubens*.
leucotanche: white + emphasis (: much, or most) + flower. cf. *Phalaenopsis equestris* var. *leucotanche*.
Leucotella: Schltr. On the syn. list, cf. *Nigritella* x *Leucorchis* (syn. *Pseudorchis*).
leucothyrsus: white + see *thyrs*:- staff, etc. Ref. the inflo., on which mostly everything is "white". cf. *Bulbophyllum leucothyrsus*.
leucotis: can be, (being) white, or whitened. cf. *Oncidium leucotis*. syn. *O. chrysomorphum*.
leucotricha: white + hair. cf. *Habenaria leucotricha*.
leucotyle: white + see *-tyle*: wart; callus; lump, etc. Ref. the central white pad-like callus of the lip. cf. *Corybas leucotyle*.
leucoxantha: see *leuc*:- white, or pale (?) + yellowy-brown. cf. *Sobralia leucoxantha*.
leucoxanthum: as *leucoxantha*. cf. *Odontoglossum leucoxanthum*.
leungiana: belonging to Leung. May be for a person's name, but also noted a few villages and a city (having Leung in the name) in the Hong Kong region of s.east China (?). cf. *Coelogyne leungiana* S.Y.Hu 1972. syn. *C. fimbriata*.
Leuorchis: must be an error for *Leucorchis*. Ref. *leukos*: white (but, more likely: pale, as ref. *albida*: whitish + see *stramineus*) + orchid. cf. *Leuorchis albida* ssp. *straminea*. Was listed as such and has to ref. to *Pseudorchis albida* ssp. *straminea*.
leuserense: from Gunung (Mt.) Leuser N.Park, n.west Sumatra. Trivia: a habitat of the endangered Sumatran rhinoceros and within the park, there are two orangutan rehabilitation facilities. cf. *Dendrochilum leuserense* J.J.Wood & J.B.Comber 1995.
leutei: listed for Austrian botanist and author, Gerfried-Horand Leute (b1941). cf. *Epipactis leutei* Robatsch 1989. Noted as rare and endemic to Austria and Liechtenstein.
levanae: for place name: of Levana (?). Only listed as ex the Philipp., cf. *Bulbophyllum levanae* Ames 1915.

levantina: complicated this one. Ref. *levare*: to raise. Levant: (orig. to the ancient Romans) the area from where the sun rises, ie. from the eastn. Mediterranean countries + suffix, belonging to: eastern. Or, ref. Levantine: belonging to, or a native of the Levant area. Which could mean, the plant may have first been found in the Asia Minor region. Also, Levant, is noted as a kind of **silk** (material) and see *-ina*: like, etc. This is probably the explanation, as the description notes the surfaces are softly hairy and likened to being silky (*sericeus*). See the "correct name" and ref. *holoserica* (: entire + silken). cf. *Ophrys levantina* Gözl & H.R.Reinhard 1985. syn. *O. holoserica* ssp.*bornmuelleri*.

levaschevoica: belonging to Levashëvo city, St.Petersburg, Russia. cf. *Orchis angustifolia* forma *levaschevoica* Klinge. syn. *Dactylorhiza traunsteineri* ssp.*curvifolia*.

levatii: listed for orig.coll., M.Levat (+ of). ex New Guinea, Solomon Islands and Vanuatu areas, cf. *Bulbophyllum levatii* Kraenzl.1929.

leve: ref. *levis*: polished; smooth; bald. cf. *Bulbophyllum leve*.

leveilleana: belonging to Lévillé. Listed for botanist and author, Augustin(e?) Abel Hector Lévillé (1863-1918). ex China, cf. *Pholidota leveilleana* Schltr.1913.

levidense: for place name (+ from), only listed as ex New Guinea (probably of Papua, Indon.). cf. *Bulbophyllum levidense* J.J.Sm.1929.

levyae: listed for Mrs. "Jo" Levy (+ of), noted grower and authority of Memphis, Tennessee, USA. ex New Guinea, cf. *Bulbophyllum levyae* Garay, Hamer & Siegerist 1995.

lewisae: see *lewisiae*. ex Guatemala, cf. *Stanhopea* x *lewisae* Ames and Correll 1942.

lewisense: from Mt.Lewis. cf. *Bulbophyllum lewisense* B.Gray & D.L.Jones 1989. Noted as endemic to n.east Qld., Aust.

lewisensis: as *lewisense*. cf. *Oxysepala lewisensis* (B.Gray & D.L.Jones) D.L.Jones & M.A.Clem.. syn. *Bulbophyllum lewisense*.

lewisiae: listed for orig.coll., Ms.Margaret Ward Lewis, noted grower and authority on orchids of Guatemala. cf. *Pleurothallis lewisiae* Ames 1931.

lewisii: listed for botanist and author, Walter Hepworth Lewis [+ of] (b1930). ex Mt.Mulu, Sarawak, Borneo, cf. *Bulbophyllum lewisii* J.J.Wood 1984.

lexarzae: of Lexarza, see *lexarzana*. ex Mexico to Honduras, cf. *Cypripedium lexarzae* Scheidw. syn. *C. irapeanum*.

lexarzana: Lexarza + belonging to. For famous explorer, author, naturalist and botanist, Juan José Martínez de Lexarza (1785-1824). Collected extensively in the American tropics, early 1800s, partnered by friend and colleague, Pablo de la Llave (see *llaveana*). They discovered many notable new species and descs. accr. to them are noted as: Llave & Lex. cf. *Notylia lexarzana* Hágsater & R.González 1976. syn. *Macroclinium lexarzanum*.

lexarzanum: as *lexarzana*. ex Mexico, cf. *Macroclinium lexarzanum* (Hágsater & R.González) Dodson 1984.

leydenburgensis: from Lydenburg, a large town of Mpumalanga Prov., South Africa. cf. *Monadenia leydenburgensis* Kraenzl.1900. syn. *Disa stachyoides*.

leysenianum: listed for orig.coll., R.Leyesen (+ belonging to). ex Java, cf. *Bulbophyllum leysenianum* Burb.1895. syn. *B. antenniferum*.

leytense: for place name (+ from): Ref. the nthn. town, the gulf area and/or the island, of Leyte (?), Philipp. cf. *Bulbophyllum leytense* Ames 1915.

leytensis: as *leytense*. cf. *Appendicula leytensis* Ames 1923.

liae: listed for place name: of Lia (village), Rwanda, Africa. cf. *Ypsilopus liae* Delp.& J.-P.Lebel 2001.

liana: listed as an English adaption fom French, *liane*. Usually woody, vine-like terrestrial plants that wander and climb. Some, to remarkable lengths and heights.

libani: listed as a general word for *Libanus Mons*: Lebanon Range, Lebanon. cf. *Orchis picta* ssp. *libani* Renz. syn. *Anacamptis syriaca*. + See next entry.

libanotica: see *libani* + ref. *libanoticus*, for place name: belonging to the Lebanon Range, extends from sthn. Lebanon to sthn. Syria. cf. *Dactylorhiza libanotica* (Mouterde) Aver.1984.

libeniana: listed for botanist and author, Louis Liben (b1926). ex Congo (DRC.), cf. *Habenaria libeniana* Geerinck 1982.

liber: used as a prefix, or suffix in combwds. and could be confusing. Noted, it can mean: free; child; book; bark. Mostly, for us, it's "free", as: apart (away from); lax; loose, etc.

liberica: belonging to Liberia, west Africa. cf. *Dinklageella liberica* Mansf.1934.

Liberosepalum: free sepals.=*Taeniophyllum* section and subgenus.

libonii: listed for botanist and naturalist, Joseph Libon (1821-1861). ex São Paulo state, Brazil, cf. *Cleistes libonii* (Rchb.f.) Schltr.1926.

licana: belonging to Lice, a city of Diyarbakir, central westn. Turkey. cf. *Ophrys x licana* A.Fuchs 1928. syn. *O. aschersonii*.

liceana: as *licana*. cf. *Ophrys x liceana* Renz & Taubenheim.

lichen: ref. *leichen*. How easy it is to get side-tracked, they are really fascinating. Because refs. to lichens are frequent, here are a few details. I always thought lichen was just a fancy word for moss, definitely not so. My sources state lichens are "cryptogamic plants"* and that most are of the phylum, *Eumycophyta* (want to know what this means?, see phylum; *eu-*; *myc-*; *-phyt-*), of the class, *Ascomycetes* (again, see *asco-*; *myc-*; + suffix: of, etc.), containing over 18,000 species! Lichens are not one plant, but two: an alga (: sing. of algae) and a fungus. Noted as having a totally symbiotic existence, (although some have been found to occur independently, and some species have been cultured in labs.) basically the alga provides the food and the fungus supplies the water (also the fungus protects from desiccation and provides structural support). Many survive (and thrive) in extreme environments. *Cryptogams do not have flowers, or seed (see "C").

lichenastra: as *lichenastrum*. cf. *Davejonesia lichenastra*. syn. *Dendrobium lichenastrum*.

lichenastrum: see lichen; *leichen* + see *-astra*: of; like; a lesser kind of, etc. cf. *Dendrobium lichenastrum*. Noted as endemic to Qld., Aust.

lichenicola: see lichen + resident; dweller. cf. *Octomeria lichenicola*.

lichenoides: see lichen; *leichen* + resembling. cf. *Bulbophyllum lichenoides*.

lichenophylax: lichen + guard ("guardian of the lichen"). cf. *Bulbophyllum lichenophylax*.
Of interest, see *quinquecornutum* (: five + horned).

Lichenora: Wight 1852: see lichen; *leichen* + belonging to. syn. *Porpax* Lindl.

lichenophila: lichen + loves. cf. *Pleurothallis lichenophila*.

lichiangense: listed for place name: from Litang (aka. **Li-ch'ang**), a town of s.west Sichuan Prov., China. cf. *Cypripedium lichiangense* S.C.Chen & P.J.Cribb 1994.

Lichinora: could be a typ.error, see *Lichenora*. But, was noted as syn. to *Eria*.

lichtensteinii: listed for botanist and author, Martin Heinrich Karl von Lichtenstein [+ of] (1780-1857). Descs. accr. to him are abbr. to: Lichtenst. ex Brazil, cf. *Catasetum lichtensteinii* Kraenzl.1892. syn. *C. socco*.

liebmanniana: belonging to Liebmann, see *liebmannii*. ex Brazil, cf. *Restrepia liebmanniana* Kraenzl.1920.

liebmannii: listed for botanist and author, Frederick Michael Liebmann (1813-1856). ex the trop. Americas, cf. *Dichaea liebmannii* Kraenzl. syn. *D. muracatoides*.

liemianum: listed as ex Sumatra 1972. For orig.coll., Liem Khe Wie (or Liem Kie Wee?, different books, different spelling) an Indon. orchid nurseryman and authority. cf. *Paphiopedilum liemianum* (Fowlie) K.Karas.& K.Saito 1982.

lietalensis: from Liestal, a major city of nthn. Switzerland. cf. *Epipactis lietalensis* A.Camus 1929.

lietzei: listed for orig.coll., F.Lietze (+ of). ex Brazil, cf. *Oncidium lietzei* Regel 1880.

ligament: ref. *ligamentum*: tie; band. A strong joining piece, or strip of tissue, mostly for where the labellum joins the column(-foot).

ligariana: belonging to Ligariá. Only listed as ex Greece, noted three towns of this name, from different regions. cf. *Ophrys* x *ligariana* H.Baumann & Künkele.

light-gatherers: common term for the spots and bars of many species that live in deep shade. Mostly translucent, or crystalline and clearly visible on floral segments and leaves. They are groups of lenticels, cells for photosynthesis and stomata. They are often alluded to as "windows". + See sketch, at "J, jewel orchid" and note the leaf spots.

ligiae: listed for noted grower and authority, Señora Ligia Posada of Colombia (+ see *posadae*). cf. *Masdevallia ligiae* Luer & R.Escobar 1982.

Ligiae: see *ligiae*. = *Masdevallia* section.

ligneous: ref. *lignum*: wood, + *ligneus*: of wood. Like wood; woody. + See *ligneus*, lignify.

ligneus: of wood. + Can be a vague colour term: a pale brown.

lignicolor: descwd.: wood + colour. + See *ligneus*.

lignify: hardening, esp. with age and becoming wood-like. eg. The huge panicle inflo. of *Vandopsis muelleri* (pers.coll., see *muelleri*) becomes lignified, lasting for many years (and yet it still produces).

lignosa: ref. *lignosus*: full of wood; woody; wooden. + See *ligneous*. cf. *Jumellea lignosa*.

lignosum: as *lignosa*. cf. *Angraecum lignosum*. syn. *Jumellea lignosa*.

ligular: of, like, or belonging to a ligule. See *ligulate*, *ligule*.

ligulare: as *ligular*. cf. *Odontoglossum* x *ligulare* Rchb.f.1882. syn.

ligulata: see ligulate. cf. *Malleola ligulata*.

ligulate: like, or having a ligule. See ligule.

ligulatum: ligulate, see ligule. cf. *Bulbophyllum ligulatum*.

ligule: ref. *ligula*: a small tongue, or strap. With orchids: a type of non-productive bract below the first flower of an inflo. (ie., on the peduncle). With other flora: a strap-like petal at the base of a composite flower. Or, the membrane at the top of the sheath beneath a blade of grass.

liguliferum: see ligule + bearing. cf. *Epidendrum liguliferum*.

ligulifolia: see ligulate, ligule + leaf. cf. *Eggelingia ligulifolia*.

ligulifolium: see ligulate, ligule + leaf. cf. *Bulbophyllum ligulifolium*.

liguliforme: see ligulate, ligule + form; shape. cf. *Herminium liguliforme*.

liguliglossa: see ligule + tongue. cf. *Habenaria liguliglossa*. syn. *H. obtusa*.

ligustica: listed as Lat'd. spelling for place name: belonging to Liguria: a region of nthn. Italy (+ ref. Ligurian Sea). The focal point of the area being the city of Genoa. cf. *Orchis x ligustica* Ruppert 1933.

likiangensis: for place name (+ from), listed as ex Yunnan Prov., China. Ref. **Likiang**-hsien (: Lijiang), a minor city. cf. *Platanthera likiangensis* T.Tang & F.T.Wang.

lilac: is often ref. to, mostly for the colour: a pale violet, or the beautiful perfume. Listed as a shrub native to Persia (: Iran), is ex Persian, *lilak*: the "indigo flower". The common lilac is: *Syringa vulgaris*, of the olive family: *Oleaceae*.

lilacea: see lilac + suffix: of; like, etc. for the colour, or maybe for the perfume (?). Many of this genus are noted to have both good and bad perfumes. cf. *Maxillaria lilacea*.

lilacina: see lilac + suffix: for the colour. cf. *Thelymitra lilacina*. syn. *T. ixioides*. Noted as endemic to eastn. Aust.

lilacinum: see lilac + -ina: for the colour; like, etc. + ref. *lilacinus*. cf. *Thrixspermum lilacinum*. syn. *T. amplexicaule*.

lilacinus: the colour term, lilac: a paler violet.

lilacinus: for the colour: lilac. cf. *Sarcochilus lilacinus*. syn. *Thrixspermum amplexicaule*.

liliacea: lily + like. + See liliaceous, lily. cf. *Govenia liliacea*.

liliaceous: of, like, or anything to do with a lily. See lily.

lilanae: listed for orig.coll., Ms.Lilian Gibbs (+ of, more, see *gibbsiae*). Noted as endemic to nth. Qld., Aust., cf. *Bulbophyllum lilanae* Rendle 1917.

liliastrum: lily + suffix: a smaller, or lesser kind. cf. *Sobralia liliastrum*.

lilifolia: lily + leaf. cf. *Liparis lilifolia*.

liliflorum: lily + flower. cf. *Odontoglossum liliflorum*. syn. *Cyrtorchilus ramosissimum*.

lilifolia: lily + of + leaf. cf. *Acriopsis lilifolia*. An old favourite, the very first orchid I ever found, quite common ex PM.PNG. See notes at *javanica*.

lilifolium: lily + of + leaf. cf. *Epidendrum lilifolium*. syn. *Acriopsis lilifolia*. Pers.coll., common ex PM.PNG., see *javanica*.

lilijae: for place name (+ of), listed as ex Táchira state, Venezuela. cf. *Lepanthes lilijae* Foldats 1969.

liliodora: see *liliodorum*. cf. *Jumellea liliodora*. syn. *Angraecum liliodorum*.

liliodorum: lily + ref. odor: perfume + of. cf. *Angraecum liliodorum*.

liliputana: see *lilliputana*. ex Brazil, cf. *Sophranitis liliputana*.

liliputiana: Lilliputians: the little people of Lilliput, see *lilliputana* Another top example of an author ref. to orchids as “little people, fairies, wood spirits, nymphs”, etc. cf. *Masdevallia liliputiana* Cogn. syn. *Dryadella lilliputiana*.

lilliputae: of Lilliput, see *lilliputana*. ex Colombia, cf. *Lepanthes lilliputae* Luer & R.Escobar 1988.

lilliputalis: Lilliput + of; relative to, see *lilliputana* . cf. *Trichosalpinx lilliputalis* (Luer & Hirtz) Luer 1997.

lilliputana: Lilliput (+ belonging to). Was featured in the fantasy story “Gulliver’s Travels” x Jonathan Swift (1726) and was an imaginary island populated by very small people. The specep. works well with the genus, Mon.Cogniaux obviously knew the tale, hence the association. cf. *Dryadella lilliputana* (Cogn.) Luer 1978. (*Dryadella*: a small tree-spirit, fairy, nymph. + See dryad.)

lillsundica: belonging to Lillsund, a s.west coastal village of Finland. cf. *Dactylorhiza x lillsundica* Kreutz 1993.

lilungshania: for place name (+ of), listed as ex Taiwan. One that sounds like it, ref. Lilung (: Kuan-**shan**), a minor city of s.east Taiwan. cf. *Habenaria lilungshania* S.S.Ying 1992. syn. *Peristylus calcaratus*.

lily: orchids are often likened to having some organ(s), part(s), or a group resembling those of a lily, eg. flowers, leaves, bulbs, etc. Of the class *Angiospermae*, the lily famiy (*Liliaceae*) is noted to have approx. 2,000 species in over 200 genera. Monocotyledonous herbs, shrubs and trees (!). Authorities say they are related to orchids (or, vice-versa?) and phylogenists (see phylogeny) say they come from common ancestors. In many books you’ll see diagrams comparing an orchid to a lily (flower).

lima: a file (sharpening tool). cf. *Scaphosepalum lima*.

limae: for place name (of Lima ?), listed as ex Rio de Janeiro state, Brazil. cf. *Pleurothallis limae* Porto & Brade 1940.

limatamboensis: for place name (+ from), listed as ex **Bolivia**. Perhaps there is an error here, somehow, as the only ref. is to Limitambo (village), Potosí Department, Bolivia. In the neighbouring country of Peru, **Limatambo** is noted as a town of Cuzco, and/or a village of Lima (Departments), Peru (?). cf. *Scelochilus limatamboensis* Dodson & R.Vásquez 1989.

Limatodes: Lindley 1833: file-like + resembling. eg. *Limatodes punctata* (syn.?, see *Limatodis*).

Limatodis: Blume 1825: file-like + resembling. This is a bit confusing as, eg., *Limatodis gracilis* is listed as syn. to *Cephalantheropsis obcordata*. Noted one major ref. says *Limatodis* is syn. to *Calanthe* and yet the official list says it’s syn. to *Phaius* Lour. (?). eg. *Limatodis grata* is syn. to *Phaius gratus*.

limatus: descwd., ref. *lima*: a file + suffix: (as if) filed (off), ie. polished; smooth. etc.

limax: lit., the common garden slug. Not very flattering for a pretty little flower. Probably an allusion to the sepaline tube. cf. *Masdevallia limax*.

limb: not as a branch. Often seen in discussions and refs. to where the organ, or part begins to expand above a clawed basal part.

limbata: see **limbate**. cf. *Corysanthes limbata*. syn. *Corybas pictus*.

limbate: ref. **limbus:** border; edge, etc. + ref. **limbatus:** hemmed; bordered; margined; edged.

limbatum: as **limbate**. Ref. the brownish-red labellum margin. cf. *Bulbophyllum limbatum*.

limbatus: see **limbate**. cf. *Corybas limbatus*. syn. *C. picta*.

limbellata: finely edged. See **limbate** with an added dimin. cf. *Lepanthes limbellata*.

limenophylax: ref. **limenis:** a threshold (of a door, etc.); boundary, or ref. **limenos:** haven; refuge + **phylax:** a guard. cf. *Phreatia limenophylax*.

limii: ex Borneo, cf. *Dendrobium limii* J.J.Wood 1944. Noted he named it for a colleague, botanist and authority, K.Lim.

limminghei: listed as imported to Europe, ex Caracas by Edward Morren (? , see Morren). He suggested the specep. for Belgian, Compté Alfred de Limminghe (Lemminghe?, see *lemminghei*), an authoritative grower and generous patron of horticulture. cf. *Psychopsiella limminghei* (E.Morren ex Lindl.) Lückel & Braem 1982. Noted as monotypic in Venezuela.

Limnas: Ehrh.1789: refs. to **limne:** marsh; pond; pool, etc. syn. *Malaxis* Sol.ex Sw.

limnophila: ref. **limne:** marsh, etc. (see *Limnorchis*) + loves. cf. *Habenaria limnophila*. syn. *H. chirensis* Rchb.f.

Limnorchis: Rydb.1900: ref. **limne:** a marsh; pond, etc.+ orchid. syn. *Platanthera* Rich. Likes swampy; wet areas. Trivium: ref. limnology: the scientific study of pond life.

Limnorchis: as last entry.= *Platanthera* section.

Limodorinae: *Limodorum* + suffix denotes it's a subtribe.

limodoroides: *Limodorum* + resembling. cf. *Eulophia limodoroides*. syn. *E. nyasae*.

Limodoron: St.Lag.1880: marsh + gift. syn. *Limodorum* Boehm.

Limodorum: Boehm.1760: ref. **leimon:** meadow; marsh + ref. **doron:** gift. ex Turkey, eg. *Limodorum rubriflorum*.

limonensis: from Limón. Ref. the east coast city and/or of Limón Prov., Costa Rica. cf. *Scaphyglottis limonensis* B.R.Adams 1988. + See next entry.

limonensis: another entry, as this is listed as ex Ecuador. Noted many villages, named Limón, from about six different provinces of Ecuador. cf. *Stelis limonensis* Luer & Hirtz 2002.

limosa: see **limosus**. cf. *Habenaria limosa*.

limosus: descwd.: growing in meadows (or muddy places). Can be an oblique ref. to damp soil, as: loamy; muddy. Also listed as a vague colour term: a dark yellowy-brown.

limpida: as **limpidus**. cf. *Corysanthes limpida*. syn. *Corybas limpidus*.

limpidum: as **limpidus**. cf. *Dendrobium limpidum*.

limpidus: more or less clear, transparent, etc. + Can be: pure (as clean; without any blemishes, etc.). cf. *Corybas limpidus*.

limprichtii: listed for orig.coll., botanist Hans Wolfgang Limpricht [+ of] (b1877). Descs. accr. to him are abbr. to: Limpr. ex Yunnan, China, cf. *Habenaria limprichtii* Schltr.1919.

linariiflora: listed simply as being like a *Linaria* (+ of + flower) and of course, I had no idea what a *Linaria* is. Ref. *Linaria vulgaris*, commonly called toadflax: a weed of the figwort family (*Scrophulariaceae*), with mostly yellow tubular flowers. (OK, I understand “yellow tubular flowers”, but am no wiser with the rest.) cf. *Eria linariiflora*. syn. *E. kingii*. Pers.coll., see *kingii*.

lindbergii: listed for botanist and author, Sextus Otto Lindberg (1835-1889). ex Brazil, cf. *Epidendrum lindbergii* Rchb.f.1881.

Lindblomia: Fries 1843. Listed for botanist and naturalist, Alexis Edvard Lindblom (1807-1853). Editor of the bot. journal “Botaniska Notiser”. syn. *Dactylorhiza*.

lindblomii: of Lindblom, see *Lindblomia*. ex Africa, cf. *Habenaria lindblomii* Schltr.1922.

lindeniana: belonging to Linden, see *lindenii*. ex Colombia, etc., cf. *Paphinia lindeniana* Rchb.f.1887.

lindenianum: for J.J.Linden + belonging to, see *lindenii*. ex Mexico to Panama, cf. *Epidendrum lindenianum* A.Rich.& Galeotti 1845. syn. *Nidema boothii*.

lindenii: cf. *Cattleyopsis lindenii* (Lindley) Cogn.1910. Prof.Lindley named it for a colleague, Jean Jules Linden (1817-1898). Born Luxembourg, but when still a boy moved to Belgium. A prolific phytologist, collector and author. He collected widely in the sth. Americas, returned to Belgium and began the famous Ghent nursery. + See next entry.

lindenii: listed for botanist and author, Lucien Linden (1851-1940). ex Venezuela, cf. *Catasetum lindenii* Cogn.1895. syn. *C. splendens*.

linderi: listed for orig.coll., botanist H.P.Linder (+ of). ex Sierra Leone, Africa, cf. *Bulbophyllum linderi* Summerh.1935. syn. *B. imbricatum*.

lindia: only listed as ex “east Aegean islands”. May ref. to Lindus (+ of), an ancient town of Rhodes island (?). cf. *Ophrys lindia* Paulus 2001.

lindiana: by the given location is possibly, ref. **Lindi** (+ belonging to) a coastal city of s.east Tanzania, Africa. cf. *Eulophia lindiana* Kraenzl.1914. syn. *E. penduliflora*.

Lindleyalis: Luer 2004: belonging to Lindley, see *lindleyanum*. syn. *Pleurothallis* R.Br.

lindleyana: see *lindleyanum*. cf. *Caladenia lindleyana* (Rchb.f.) M.A.Clem.& D.L.Jones. 1989. Noted as endemic to Vic. and Tas., Aust.

lindleyanum: belonging to Lindley. Descs. accr. to him are often abbr. to: Lindl. For Prof. John Lindley (1799-1865) Ph.D., FRS., FLS., a brilliant phytologist and prolific author. Was the first Professor of Botany at the London Univ. and was a main instigator in the formation of the RBG. at Kew, Eng. Some modern authors say the reasoning for many of his names is “obscure”, because they are not sure of his intentions. From my observations, when he named a plant for some ancient mythological, or real character, it was obviously very deliberate, as there are too many for coincidence. It’s clear that he thought of an orchid flower as comparable to a beautiful young woman. I feel that when he wasn’t under any obligation, he used names, especially those of myth. goddesses, queens, etc. as all

being extremely beautiful, easy to spell and remember. Perhaps the other authors were only looking at each name in turn and not at the overall theme. So many times, I read a name and said, "has to be described by Lindley" and sure enough it was! Some examples: *Acacallis*, *Ada*, *Aspasia*, *Doritis*, *Erycina*, *Lacaena*, *Laelia*, *Lycaste*, *Paphinia*, *Promenaea* and so many others, see the relevant listings. One of the many named for him, cf. *Prasophyllum lindleyanum* Rchb.f.1871. Noted as endemic to Vic. and Tas., Aust.

lindleyanus: as *lindleyanum*. ex Colombia, etc., cf. *Cyclopogon lindleyanus* (Link, Klotzsch & Otto) Schltr.1920.

x *Lindleyara*: Garay & H.R.Sweet: of, or belonging to Lindley, see *lindleyanum*. On the syn. list, the result of *Euanthe* x *Renanthera* x *Vanda* x *Vandopsis*.

Lindleyella: Schltr.1914: for Prof. Lindley +*-ella*: respectful suffix., see *lindleyanum*. ex Trinidad to mainland Sth.America, eg. *Lindleyella aurantiaca*. syn. *Rudolfiella aurantiaca*. Of interest to note, Dr.Schlechter named it for Prof.Lindley, but it had already been named for Dr.Schlechter. See *Schlechterella*, *Rudolfiella*.

lindleyi: see *lindleyanum*. ex India to China, cf. *Dendrobium lindleyi* Steudel 1840.

lindmaniana: as *lindmanianum*. ex Brazil, cf. *Rudolfiella lindmaniana* (Kraenzl.) Hoehne 1953.

lindmanianum: belonging to Lindman, see *lindmanii*. ex Brazil, cf. *Stenorrhynchos lindmanianum* Kraenzl.1911.

lindmanii: of Lindman. Listed for botanist and author, Carl Axel Magnus Lindman (1856-1928). ex Paraguay to Brazil, cf. *Pelexia lindmanii* Kraenzl.1911.

Lindsayella: listed for orig.coll., Walter R.Lindsay +*-ella*: respectful suffix. eg. *Lindsayella amabilis* Ames & C.Schweinf.1937. Noted as monotypic and endemic to Panama.

line: used in older descriptions as a unit of measurement. Noted that author's interpretations differ from c2.1mm. to c2.3mm.= approx. 1/12th of an inch. eg., 6 lines long x 4 lines wide = approx. 13 x 9 mms (: 1/2" x 5/16").

lineale: ref. *linealis*: of a line, but more likely, is: linear + like. cf. *Dendrobium lineale*. Pers.coll., ex PM.PNG. + See *imperatrix*.

linealis: lit., of a line (+ see linear). cf. *Lepanthes linealis*.

linear: most often, when ref. to an organ or part, it's taken as: having parallel sides, relatively long, narrow and blunt-ended.

lineare: see linear, but, also can lit. ref. to: of linen. cf. *Bulbophyllum lineare*.

linearidiforme: linear (+ see *lineare*) + like + shape; form. cf. *Epidendrum linearidiforme*.

lineariflorum: see *lineare* + flower. cf. *Bulbophyllum lineariflorum*.

linearifolia: see *lineare* + leaf. cf. *Phreatia linearifolia*.

linearifolioides: see *lineare* + leaf + resembling. cf. *Encyclia linearifolioides*. syn. *E. flava*.

linearifolium: see *lineare* + leaf. cf. *Bulbophyllum linearifolium*.

linearifolius: see *lineare* + leaf. cf. *Phaius linearifolius*.

linearilabium: see *lineare* + lip. cf. *Bulbophyllum linearilabium*.

lineariligulatum: see *lineare* + see ligulate, ligule. cf. *Bulbophyllum lineariligulatum*.

linearilingue: see *lineare* + tongue. cf. *Epidendrum linearilingue*. syn. *E. coryophorum*.

lineariloba: see *lineare* + lobe. cf. *Encyclia lineariloba*.

linearilobata: as *linearilobatum*. cf. *Ormerodia linearilobata*. syn. *Cleisostoma linearilobatum*.
linearilobatum: see *lineare* + lobed (see lobate). cf. *Cleisostoma linearilobatum*.
linearilobatus: as *linearilobatum*. cf. *Sarcanthus linearilobatus*. syn. *Cleisostoma linearilobatum*.
lineariperiantha: see *lineare* + see perianth. cf. *Pogonia japonica* forma *lineariperiantha* Satomi & T.Ohsawa 1983. syn. *P. japonica*.
linearipetala; see *lineare* + petals. cf. *Habenaria linearipetala*. syn. *H. stenopetala*.
linearipetalum: see *lineare* + petals. cf. *Bulbophyllum linearipetalum*. syn. *B. fractiflexum*. Pers.coll., ex PM.PNG.
linearis: linear. Ref. the leaves. cf. *Isochilus linearis*.
linearisepala: see *lineare* + sepal. cf. *Zygostates linearisepala*.
linearisepalum: see *lineare* + sepal. cf. *Cymbidium linearisepalum*. syn. *C. kanran*.
linearisepalus: see *lineare* + sepal. cf. *Dipteranthus linearisepalus*.
linearisubulatum: linear + see subulate: awl-like. cf. *Cypripedium linearisubulatum*. syn. *Cleisostoma subulatum*.
lineata: see lineate. Flower has reddish lines, streaks. cf. *Diuris lineata*. syn. *D. platichila*. Noted as endemic to eastn. Aust.
lineate: ref. *lineatus*: consisting of, having, or marked by lines (mostly parallel). Noted, as similar to *striatus*, see striate.
lineatum: as lineate. cf. *Bulbophyllum lineatum*.
lineatus: see lineate. cf. *Hapalorchis lineatus*.
lineolata: see lineolate. cf. *Pleurothallis lineolata*.
lineolate: see lineate with an added dimin.: marked with fine parallel lines.
lineolatum: as lineolate. Ref. the striped sepals. cf. *Bulbophyllum lineolatum*.
lineoligera: see lineolate + bearing (having). cf. *Eria lineoligera*.
lineoligerum: see lineolate + bearing. cf. *Odontoglossum hebraicum* var. *lineoligerum*.
Linervia: listed as an anagram of *Nervilia*. = *Nervilia* section.
linggense: for place name: from Lingga, noted a few places (mostly villages) of this name. But by the given location (listed as ex the Lesser Sunda Islands: from Bali to Timor islands, Indonesia), there isn't any ref. One that is listed, is Lingga village, Jawa Barat, Java. cf. *Bulbophyllum linggense* J.J.Sm.1922.
lingmalensis: for place name (+ from), only listed as ex s.west India. cf. *Oberonia lingmalensis* Blatt.& McCann 1931. syn. *O. recurva*.
lingua: tongue. Probably, simply notes the labellum as the feature. cf. *Pterostylis lingua*. Noted as endemic to NSW., Aust.
linguaeforme: tongue + shape. Ref. the fleshy leaves. cf. *Dendrobium linguaeforme*. syn. *D. linguiforme*. Many refs. say it's endemic to Aust., but noted it's also to be found in New Caledonia. + See *linguiforme*.
linguata: tongue + like; having. cf. *Orchis majalis* forma *linguata*. syn. *Dactylorhiza majalis*.
Linguella: D.L.Jones & M.A.Clem.2002: small tongue. syn. *Pterostylis* R.Br.
linguella: tongue + small. cf. *Dendrobium linguella*.
linguicruris: tongue + leg (legged). cf. *Habenaria linguicruris*.
linguifer: tongue + bearing. cf. *Zosterophyllumanthos linguifer*. syn. *Pleurothallis linguifera*.

linguifera: tongue + bearing. cf. *Pleurothallis linguifera*.

linguiferum: tongue + bearing. cf. *Bulbophyllum olivinum* ssp. *linguiferum*.

linguiform: tongue + form; shape. Can ref. to any organ, or part that could be likened to a tongue. Tongue-shaped.

linguiforme: as *linguiform*. Ref. the fleshy leaves cf. *Dendrobium linguiforme*. + See *linguaeforme*. Pers.coll., very common on sandstone outcrops, many only being a metre or so, from the sea, Woy Woy Bay, NSW.

linguiformis: *linguiform*. cf. *Habenaria linguiformis*.

lingulata: small tongue + like; having. cf. *Liparis lingulata*.

lingulatum: as *lingulata*. cf. *Bulbophyllum lingulatum*.

lingulosa: small tongue + see -osa: of, etc. cf. *Habenaria lingulosa*.

linifolia: see linear + leaf. cf. *Habenaria linifolia*.

linifolium: see *lineare* + leaf. cf. *Isochilus linifolium*. syn. *Isochilus linearis*.

linifolius: see *lineare*, *lineate* + leaf. cf. *Elleanthus linifolius*.

linii: listed for botanist, Wei-Chih Lin (+ of). ex Borneo, cf. *Paphiopedilum linii* Schoser 1966. syn. *P. bullenianum* (Rchb.f.) Pfitzer 1894.

linkiana: belonging to Link. For botanist and author, Johann Heinrich Friedrich Link (1767-1851). ex Mexico, cf. *Prosthechea linkiana* (Klotzsch) W.E.Higgins 1998.

linkianum: as *linkiana*. cf. *Epidendrum linkianum* Klotzsch 1838. syn. *Prosthechea linkiana*.

Linnaeus: Carl Linnaeus (1707-1778), a Swedish naturalist and botanist. Accredited with establishing the method of naming plants from two words: "the binomial system". The first being the genus and the second the, descriptive adjective (also: specific epithet, which I abbr. to: specep.). A prolific author, important works of his inc. *Philosophia Botanica* 1751 and *Species Plantarum* 1753. There is so much written about him, it's impossible to detail his life and work here. I have seen many variations of his name and the confusion was cleared by Prof. William T.Stearn's explanation in his informative book, "Botanical Latin" (4th ed.,1995). I did note from an illustration of the cover for one of his major works, his name printed in Latin, *Caroli Linnaei* which translates to: of Carl Linnaeus. Descs. accr. to Linnaeus are noted with the abbr.: L.

Linne: often reputed to be the orig. surname of Carl Linnaeus. See last entry.

x *Linneara*: auct.: see Linne (+ of). On the syn. list, the result of *Brassavola* x *Cattleya* x *Diacrium* x *Laelia*.

lintrricula: listed as the dimin. of *linter*: a skiff; boat. + Can be: a tub; vat; trough. Refs. to the shape of a flower. cf. *Masdevallia lintrricula*.

lintrculus: see *lintrricula*. cf. *Oncidium lintrculus*. syn. *O. maculatum*.

liparidiflorum: see *Liparis* + like + flower. cf. *Dendrochilum liparidiflorum*. syn. *D. merapiense*.

Liparidinae: *Liparis* + suffix denotes it's a subtribe.

liparidioides: *Liparis* + like + resembling. cf. *Malaxis liparidioides*. syn. *M. purpurea*.

liparidoglossum: (as if) greasy + tongue (or, has a tongue like a *Liparis*?). cf. *Epidendrum liparidoglossum*. syn. *E. lignosum*.

liparidoides: as *liparidioides*. cf. *Crossoglossa liparidoides*.

Liparieae: *Liparis* + suffix denotes it's a tribe.

Liparinae: *Liparis* + suffix denotes it's a subtribe.

liparioides: *Liparis* + resembling. cf. *Anaphora liparioides*. syn. *Malaxis ophrydis*.

Liparis: Rich.1817: ref. *liparos*: greasy; shiny; oily. Ref. the shiny leaves, as if greased. eg.

Liparis reflexa. Endemic to Aust. Pers.coll., see notes at *reflexa*.

liparoides: *Liparis* + resembling. cf. *Eria liparoides*. syn. *Eria kingii*. Pers.coll., see *kingii*.

liparophylla: greasy; shiny + leaf. (Or, has leaves like a *Liparis*?). cf. *Bonatea liparophylla*.

lipense: for place name: from Lipa (village), westn. Mindanao, Philipp. cf. *Bulbophyllum*

lipense Ames 1923.

lipensis: as *lipense*. cf. *Oberonia lipensis* Ames 1922.

lipo-: used in combwds. and can be very confusing (eg., see *lipothrix*). Ref. *lipos*: fat. +

Can be: thick; fleshy; stout. Also ref. *leipo* (used as *lipo-*): desert; abandon; lacking; wanting; without.

lipothrix: see *lipo-*, I thought: fat (ie., thick) + hair, but it's listed as the one word: without hair; hairless; bald, etc. cf. *Pleurothallis lipothrix*.

-lirium: used in combwds., ref. *leirion*: lily. For anything to do with a lily. + See lily.

lishanensis: listed for place name: from A Li Shan (mountain), Taiwan. cf. *Bulbophyllum*

lishanensis S.J.Cheng. Of interest, see *arisanensis*.

Lisowskia: Szlach.1995: see *lisowskianum*. syn. *Malaxis* Sol.ex Sw.

lisowskiana: as *lisowskianum*. ex Nigeria to Sth.Africa, cf. *Brachycorythis lisowskiana*

Szlach.& Olszewski 1998. syn. *B. conica*.

lisowskianum: belonging to Lisowski. For botanist and author, Stanislaw Lisowski

(b1924). ex Madagascar, cf. *Angraecum lisowskianum* Szlach.& Olszewski 2001.

lisowskii: of Lisowski, see *lisowskianum*. Listed as ex Cameroon, Africa, cf. *Angraecopsis*

lisowskii Szlach.& Olszewski 2001.

liso-: used in combwds., ref. *lissos*: smooth.

lissochilodes: smooth + lip+ resembling, or like *Lissochilus* (?). cf. *Graphorkis lissochilodes*.

syn. *Eulophia platypetala*.

lissochiloides: as *lissochilodes*. ex Brazil, cf. *Cyrtopodium lissochiloides*. + See next entry.

lissochiloides: *Lissochilus* + resembling. ex Indo-China to New Guinea, cf. *Vandopsis*

lissochiloides, noted as having had a very chequered career. Orig. desc.x Charles

Gaudichaud-Beaupre (Gaudich.1829), as the genus *Fieldia* (see "F"), then

Prof.Lindley t/fd. it to the genus *Vanda* (see "V") and when it first flowered for

James Bateman 1846, Lindley gave it the generic name of *Vanda batemanii*,

because it looked nothing like a *Lissochilus*. However, this was relegated to a

synonym, as by the rules of the ICBN., the orig. specep. has to be retained and so

it became *Vanda lissochiloides*. Then, George Bentham (see *Benthamia*) t/fd. it to

the genus *Stauroopsis* (see "S"), possibly because the flower could be likened to a

Maltese (type) cross and then Rumph (see *rumphii*) had an attempt and named it

Angraecum quintum (this specep. being most ironic, see "Q"). Finally, Ernst

Pfitzer (see *pfitzeri*) established the genus *Vandopsis* (1889) and it was again t/fd.

and now its "correct name" is *Vandopsis lissochiloides* (Gaudich.) Pfitzer 1889.

Lissochilos: Bartling 1830: smooth + lip. syn. *Eulophia*.

Lissochilus: Lindl.: smooth + lip. ex Africa, syn. *Eulophia* R.Br.ex Lindl.
lissoglossum: smooth + tongue. cf. *Bulbophyllum lissoglossum*.
Listera: R.Br.1813 nom.cons. Listed for Dr.Martin Lister (1638-1711), an Eng. physician, naturalist, botanist, author and noted grower. Has a wide distribution in the Nthn. Hemisphere, eg. *Listera cordata*.
Listereae: *Listera* + suffix denotes it's a tribe.
listeri: for orig.coll., J.J.Lister (+ of). Listed as ex Christmas Island 1887 (now, an Aust. dependency), south of the Greater Sunda Islands. cf. *Phreatia listeri* Rolfe 1890.
Listeria: Sprengel 1817: of Lister, see *Listera*. syn. *Listera*.
Listerinae: *Listera* + suffix denotes it's a subtribe.
listerodes: see *Listera* + resembling. cf. *Nidus listerodes*. syn. *Neottia listeroides*.
listeroglossum: ref. *listron*: spade; shovel; levelling, or smoothing tool + tongue. cf. *Dendrobium listeroglossum*. syn. *D. parcum*.
listeroides: see *Listera* + resembling. cf. *Peristylus listeroides*.
listrophora: ref. *listron*: spade; shovel; smoothing, or levelling tool + *-phora*: bearing. cf. *Phreatia listrophora*.
Listrostachys: Rchb.f.1852: ref. *listron* (see *listrophora*) + *stachys*: spike. Alluding to the inflo. shape. ex Africa, eg. *Listrostachys pertusa*.
listrostachys: as last entry. cf. *Pleurothallis listrostachys*. syn. *P. sclerophylla*.
Listrostachys: as *Listrostachys*. = *Angraecum* section.
litense: as *litis*. cf. *Epidendrum litense* Hágsater & Dodson 1993.
litis: listed for place name: from Lita, a town of Imbabura Prov., Ecuador. cf. *Chondrorhyncha litensis* Dodson 1989. + See next entry.
litensis: from Lita. Another entry, as this one is listed as ex Esmeraldas Prov., Ecuador. cf. *Maxillaria litensis* Dodson 1994.
lithinensis: from Lithínai (town), of Lasithi, s.east Crete, Greece. cf. *Ophrys x lithinensis* C.& A.Alibertis 1989.
lithocola: ref. *lithos*: stone; rock + resident; dweller (: a lithophyte). cf. *Dendrobium lithocola*. syn. *D. bigibbum*.
lithophila: rock + loves, see lithophyte. cf. *Habenaria lithophila*.
lithophyte: ref. *lithos*: stone; rock + ref. *phyton*: plant. One which grows on rock (: lithophytic). + See *rupestris*, *saxatalis*.
lithopolitanica: could be for a place name, but it also means: stone + polished; bright + of, or the result of an action. My interpretation, it's possibly an allusion to the flowers being likened to a small heap of cut and polished, semi-precious gem stones. ex Austria and Yugoslavia, cf. *Gymnadenia lithopolitanica* (Ravnik) Teppner & E.Klein 1998.
litiginosa: freely trans.: having, or with many arguments. Perhaps, the author had many doubts during classification (?). cf. *Ophrys aranifera* ssp.*litiginosa*. syn. *O. sphegodes*.
litigiosa: ref. *litigiosus*: contentious; disputed (+ see *litiginosa*). cf. *Ophrys litigiosa*. syn. *O. sphegodes*.

litophila: another spelling for *lithophila*: rock + loves. Or, could be a contraction of *litus*: shore (+ see *litorale*) + loves (?). cf. *Pleurothallis litophila*. syn. *P. prolifera*.

litorale: of, or relative to a sea-shore. cf. *Dendrobium litorale*. Pers.coll., common ex PM.PNG., but didn't ever find it anywhere near the sea.

litoralis: of a shore, or of a sea-shore. cf. *Phreatia sororia* var. *litoralis* Schltr.1913.

litoreum: ref. *litoreus* (+ *littoreus*): of, or belonging to a sea-shore. cf. *Cleisostoma litoreum*. Pers.coll., quite common ex Sogeri Plateau, PM.PNG. (a fair way from the sea!).

litoreus: as *litoreum*. cf. *Sarcanthus litoreus*. syn. *Cleisostoma litoreum*.

litotes: listed as the one word: simplicity. cf. *Pleurothallis litotes*.

littalis: ref. *littus* (*litus*): (sea-) shore + suffix: of, etc. cf. *Stelis littalis*. syn. *S. argentata*.

littoral: ref. *littoralis*: of the, relative to, near to, or living on the sea-shore.

littorale: as littoral. cf. *Saccolabium littorale*.

littoralis: as littoral. cf. *Genoplesium littoralis*. Noted as endemic to NSW., Aust.

lituiflorum: ref. *lituus*: curved trumpet + flower. Ref. the labellum. cf. *Dendrobium lituiflorum*.

litum: ref. *litus*: smeared; daubed. cf. *Oncidium litum*.

liturata: ref. *litura*: smear; blot; smudge; blur + suffix: like; having, etc. cf. *Aspasia liturata* syn. *A. variegata*.

lituratum: as *liturata*. cf. *Catasetum lituratum*. syn. *C. luridum*.

liukuensis: phonetic and Lat'd. spelling for place name: from the Ryukyu Islands (Japanese: Nansei-shoto). cf. *Cheirostylis liukuensis* Masam.1930. + See next entry.

liukuensis: see *liukuensis*. In the discussion, amongst other locations, it is listed as being from **Liukiu**, but this is only phonetic spelling for Ryukyu (islands: Nansei-shoto). cf. *Calanthe liukuensis* Schltr.1919. syn. *C. lyroglossa*.

liverworts: often associated with mosses. See entry, mosses.

liveus: (listed as ex *liveo*: to turn lead-coloured.) A bluish-grey lead colour. A vague colour term: a dull bluish-grey, likened to the colour of lead. Noted as similar to *caei*us.

livida: see *lividus*: for the flower colour. cf. *Drakaea livida*. Noted as endemic to West. Aust.

lividulus: noted as a vague colour term: a paler shade of *liveus*. But also could be, see *lividus* + dimin.(?).

lividum: see *lividus*. cf. *Epidendrum lividum*. syn. *Prosthechea livida*.

lividus: a vague colour term, listed as an adaption of *liveus* with more confused colouring. Firstly, looks bluish-grey, but is more like a bruise: of mixed blue, grey, yellowy-brown and green, poorly stirred together; mottled and dappled.

lividus: see *lividus*. cf. *Isochilus lividus*. syn. *Scaphyglottis livida*.

livingstoneana: cf. *Eulophia livingstoneana* (Rchb.f.) Summerh.1948. Refs. to Dr. David Livingstone (1813-1873), a famous explorer, naturalist, and anthropologist (+ belonging to), who was born in Blantyre, Scotland. Graduated from Glasgow Univ.1840 as a medical doctor and went to Africa with the London Missionary Society. Explored sthn. Africa extensively over three major expeditions until his death at Lake Bangweulu, Zambia, April 30, 1873. + See next entry.

livingstoneanus: see *livingstoneana*. cf. *Lissochilus livingstoneanus* Rchb.f.1881. syn. *Eulophia livingstoneana*.

livingstoniana: not for Dr.Livingstone (as I presumed). Ref. Livingstonia (+ of), a small town of central Malawi, Africa. cf. *Habenaria livingstoniana* la Croix & P.J.Cribb 1993.

livius: a colour term, listed to be the same as *liveus*.

llactapataense: from Llactapata (village), Ica Department, Peru. cf. *Epidendrum llactapataense* D.E.Benn.& Christenson 2001.

llanachagaense: for place name (+ from), only listed as ex Peru. cf. *Odontoglossum llanachagaense* D.E.Benn.& Christenson 2001.

llanachagaensis: as last entry. cf. *Neodryas llanachagaensis* D.E.Benn.& Christenson (syn.).

llanganatensis: as next entry (?). Only listed as ex central Ecuador, cf. *Lepanthes llanganatensis* Luer & Hirtz 1990.

llanganetensis: for place name (+ from), listed as ex Tungurahua Prov., Ecuador. cf. *Erythroides llanganetensis* Dodson 1994.

llaveana: belonging to Pablo de la Llave (1773-1833), famous botanist, author and explorer. Collected extensively in the American tropics early 1800s, partnered by friend and colleague J.de Lexarza (see *lexarzana*), discovering many notable new species. Descs. accr. to them are noted as: Llave & Lex. cf. *Schiedeella llaveana* (Lindley) Schltr.

llavei: see *llaveana*. cf. *Epidendrum llavei* Steud.1840. syn. *E. ligulatum*. Is noted as such, but there isn't any official listing for *E. ligulatum* (?).

llaviucoense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum llaviucoense* Hágsater & Dodson 2001.

llipiensis: from Llipi (village), La Paz Department, Bolivia. cf. *Lepanthes llipiensis* Luer 1992.

lloense: as *lloensis*. cf. *Epidendrum lloense* (Lindl.) Hágsater & Dodson 1992.

lloensis: from the book I was working on, it was noted as: "from the Lloa Valley, Ecuador". Haven't any other info., but there's a Lloa (village), just s.west of Quito city, Pichincha Prov., Ecuador (?). cf. *Diothonea lloensis* Lindley 1834. syn. *Epidendrum lloense*.

loaderianum: listed for orig.coll., N.Loader (+ of) ex nth. Qld. cf. *Saccolabium loaderianum* Rupp 1952. syn. *Plectorrhiza brevilabris*. Noted as endemic to Qld., Aust.

lobata: see lobate. cf. *Caladenia lobata*. Noted as endemic to West.Aust.

lobate: lobed; like, or having a lobe, or lobes. + See lobe.

lobatipetalum: lobed +-*petalum*, may be: broad; wide (see -*petalo*-) and/or refs. to the petals (?). cf. *Podochilus lobatipetalum*.

lobatocalcar: lobed + spur. cf. *Erythroides lobatocalcar*.

lobatocallosa: lobed + calloused, or has calli likened to lobes (?). cf. *Malaxis lobatocallosa*.

lobatum: as lobate. Ref. the rather large lateral lobes, of the lip. cf. *Taeniophyllum lobatum*. Noted as endemic to nth. Qld., Aust.

lobatus: as lobate. cf. *Peristylus ciliolatus* var. *lobatus*. Noted as endemic to Papua, Indon.

lobbiana: ex Borneo, cf. *Oberonia lobbiana* Lindley 1859. Listed for Thomas Lobb [+ belonging to] (1820-1894), born Cornwall, Eng. He collected widely in the SE.Asia region as a mercenary for the famous Eng. nurserymen Veitch & Sons. + Of interest, ref. his brother, William Lobb (1809-1864), who also worked for Veitch and collected in the American tropics.

lobbianus: belonging to Lobb, see *lobbiana*. ex China to trop. Asia, cf. *Anoectochilus lobbianus* Planch.1849. syn. *A. setaceus*.

lobbii: of Lobb, see *lobbiana*. ex India to the Philipp., cf. *Bulbophyllum lobbii* Lindley 1847.

lobe: ref. *lobos*: ear-lobe. Usually refs. to a rounded area projecting from the margin of an organ, or part. eg. Imagine an obcordate labellum, the two rounded areas at the apex are lobes, ie. it is bi-lobed. Often a labellum projects with lateral (: of the side) lobes. An emarginate leaf can be called bilobate (or, bilobulate if they're "small"). + See trilobate. In classification, lobes can be important as to quantity, size, shape, colour, etc.

lobifera: lobe(s?) + bearing. cf. *Trichoglottis lobifera*.

lobiserrata: lobe + see serrate: saw-like, etc. cf. *Pleurothallis lobiserrata*.

Loboglossum: lobe + tongue.= *Taeniophyllum* section.

lobogyne: lobe + woman. Ref. column lobes at the stigma (the "woman"). cf. *Appendicula flaccida* var. *lobogyne*.

Lobogyne: Schltr.1900, see *lobogyne*. syn. *Appendicula* Blume.

lobongense: listed for place name: from Lobong (village), Sulawesi Utara, Sulawesi, Indon. cf. *Dendrochilum lobongense* Ames 1920.

lobongensis: as *lobongense*. cf. *Liparis lobongensis* Ames 1920.

lobulata: as lobulate. cf. *Malaxis lobulata*.

lobulate: see lobule. Like, or having a small lobe (or, lobes).

lobulatum: see lobulate. cf. *Dendrobium lobulatum*.

lobule: a small lobe. See lobe.

lobulosa: see lobule + see -osa (: with many lobules?). cf. *Octomeria lobulosa*.

lobulosum: as *lobulosa*. cf. *Epistephium lobulosum*.

loc. class.: another of those annoying (abbreviated) Latin phrases, which are never explained! Ref. *locus classicus*, "place of the first class". For us: where the type was first found.

lochongensis: listed for place name: from Lohchong-hsien (: Lecheng) city, Guangdong Prov., China. cf. *Eria lochongensis* C.L.Tso 1933.

locis siccis: another Lat. phrase, noted from a discussion of habitat. The closest I can get is, "in, or of dry places", as opp. to wet areas, like swamps, etc.

x *Lockcidium*: auct. On the syn. list, cf. *Lockhartia* x *Oncidium*.

x *Lockcidmesa*: auct. On the syn. list, cf. *Gomesa* x *Lockhartia* x *Oncidium*.

Lockhartia: Hook.1827. Listed for orig.coll., Eng. botanist David Lockhart (?-1846). Descs. accr. to him are abbr. to: Lockh. For 18yrs., was Superintendent of the Trinidad Bot. Garden. ex Panama, eg. *Lockhartia mirabilis*.

Lockhartiinae: *Lockhartia* + suffix denotes it's a subtribe.

lockhartioides: *Lockhartia* + resembling. cf. *Dendrobium lockhartioides* Schltr.1910. Of interest, it's obvious Dr.Schlechter knew of *Lockhartia* Lindley, which comes from the sth.American tropics as this species is noted to be from Sulawesi, Indon.

x *Lockochilettia*: auct. On the syn. list, cf. *Comparettia* x *Leochilus* x *Lockhartia*.

x *Lockochilus*: auct. On the syn. list, cf. *Leochilus* x *Lockhartia*.

x *Lockogochilus*: auct. On the syn. list, cf. *Gomesa* x *Leochilus* x *Lockhartia* (+ "o").

x *Lockopilia*: auct. On the syn. list, cf. *Lockhartia* x *Trichopilia*.

x *Lockostalix*: auct. On the syn. list, cf. *Lockhartia* x *Sigmatostalix*.

loculate: like or having a small chamber. See locule, ref. locular: of, like, or belonging to a locule.

locule: ref. *loculus*: a small chamber; cavity; cell. In plant tissue, is usually separated from another locule by a septum. + Can ref. to a compartment in an ovary: a locule. + See loculi, carpel, septum.

loculi: lit., small places (+ see locule). Plural for where there is more than one locule. eg. One place where it's relatively easy to see a locule, and/or loculi, is the anther (at the top of the flower's column). The anther cap (operculum) usually has corresponding depressions to the clinandrium and the pollinia nestle between the two. With species that have more than one pollinarium (see "P"), they are usually in separate small depressions: small chambers = loculi.

loculifera: see loculi + bearing. cf. *Stelis loculifera*.

locusta: a lobster, or other crustacean, like a prawn, etc.+ Can be a grasshopper, or locust. Also is a descwd. for a spikelet of the inflorescence of certain grasses. Refs. to the flower's spiky projections. cf. *Lycaste locusta*. + See *diastasia* (: two lobsters).

loddigesiana: belonging to the Loddiges company, see *loddigesii*. ex Jamaica, cf. *Lepanthes loddigesiana* Rchb.f.1856.

loddigesii: cf. *Cattleya loddigesii* Lindley 1826, is noted as the first imported *Cattleya*, ex Rio de Janeiro state, Brazil. For Conrad Loddiges [+ of] (1738-1826), who established the famous nursery at Hackney, Eng. Phytologist and author, desc. accr. to him are abbr. to: Lodd. The company supported many paid collectors (my term: mercenaries) throughout the world and capitalised on the demand for exotic, novelty plants.

Loefgrenianthus: Hoehne 1927: "Loefgren's flower". Listed for orig.coll. Johan Alberto Constantin Löfgren [Loefgren] (1854-1918), botanist, naturalist and author. eg. *Loefgrenianthus blanche-amesii*. Noted as monotypic in Brazil.

loefgrenii: of Loefgren, see *Loefgrenianthus*. ex Brazil, cf. *Habenaria loefgrenii* Cogn.1906. syn. *H. brevidens*.

loeselii: of Loesel. For German Prof. of Medicine, botanist, naturalist and author, Johann Loesel (1607-1657). Has a vast distribution of over 30 countries, ex Europe, Asia, Canada and nthn. USA., cf. *Liparis loeselii* (L.) Rich.1817.

loesenerianum: belonging to Loesener. For botanist, Ludwig Eduard Theodor Loesener (1865-1941). Descs. accr. to him are abbr. to: Loes. ex New Guinea, cf. *Dendrobium loesenerianum* Schltr.1912.

lohaniensis: for place name (+ from), listed as ex Sabah, Borneo. cf. *Bromheadia lohaniensis* Kruiz & de Vogel 1997.

loheri: listed for orig.coll., phytologist and author, August Loher [+ of. + See *augustiana*] (1874-1930). ex Palau, Caroline Islands. cf. *Chiloschista loheri* Schltr.1921.

loheriana: belonging to Loher, see *loheri*. ex the Philipp., cf. *Cirrhopetalum loheriana* Kraenzl. syn. *Bulbophyllum loherianum*.

loherianum: as *loheriana*. ex the Philipp., cf. *Bulbophyllum loherianum* (Kraenzl.) Ames 1925.

loherianus: as *loheriana*. ex the Philipp., cf. *Staurochilus loherianus* (Kraenzl.) Karas.1992.

lohitensis: for place name (+ from), listed as ex Arunachal Pradesh, India. cf. *Eria lohitensis* A.N.Rao, Harid.& S.N.Hedge 1989.

lohohense: listed for place name: from **Loh Hoh** Tsuen, Kwangsi (Guangxi Zhuang Autonomous Region), China. cf. *Dendrobium lohohense* T.Tang & F.T.Wang 1951.

lohokii: listed for Dr.H.Lohok (+ of), Curator of the bot. gardens at Poring, Sabah, Borneo. cf. *Spongiola lohokii* J.J.Wood & A.Lamb 1994. Noted as monotypic and endemic to Borneo, Indon.

lojacanoi: listed for phytologist and author, Michele Lojacano-Pojero (1853-1919). Descs. accr. to him are abbr. to: Lojac. ex the Mediterranean region, cf. *Ophrys lojacanoi* P.Delforge. syn. *O. fusca* ssp.*fusca*.

lojae: listed for place name: of Loja, for the city, and/or the province of Loja (?), Ecuador. cf. *Kefersteinia lojae* Schltr.1921.

lojana: belonging to Loja, see *lojae*. cf. *Prescottia lojana* Dodson 1996.

lokiana: my only ref. is to Loki (+ of, or belonging to). In Scandinavian myth., was an extremely handsome giant, but also represented the epitomy of Evil. The specp. could also be an oblique ref. to where it comes from, as among other locations, it is listed as ex some Scandinavian countries. Another probability, it could simply imply it's "from the north". cf. *Orchis lokiana* H.Baumann. syn. *Orchis purpurea*.

lokobense: as *lokobensis*. cf. *Eulophidium lokobense* (H.Perrier) Summerh.1957. syn. *Oeceoclades cordylinophylla*.

lokobensis: from Lokobi (village), s.west Nigeria, Africa. cf. *Eulophia lokobensis* H.Perrier 1935. syn. *Oeceoclades cordylinophylla*.

lokonense: for place name: from Lokon. Officially listed as ex Sulawesi, Indon., but also noted Lokon (village), central east coast, New Ireland, PNG.(?). cf. *Bulbophyllum lokonense* Schltr.1911.

lokonensis: as *lokonense*. cf. *Malaxis lokonensis* (Schltr.) S.Thomas 2002.

loliacea: listed as ref. *loliaceus*: of darnel (aka., the biblical *tares*): like a rye-grass, a kind of coarse grass-like weed. Also ref. the genus *Lolium* L.: a "grass" (family, *Graminaceae*) + like (?). cf. *Liparis loliacea*.

lolorum: listed as ex Yunnan Prov., China: belonging to the Lolo. Refs. to Yi (aka. **Lolo**), a language (Tibeto-Burman subfamily) spoken by many people, mostly in the mtns of sthn. Sichuan and Yunnan provinces. An oblique ref. to where the species comes from (?). cf. *Habenaria lolorum* Schltr.1921.

lomamiensis: for place name: from the Lomami River, a major tributary of the Congo River, Congo (DRC.), Africa. cf. *Eulophia lomamiensis* Butzin 1975. syn. *E. latilabris*.

lomatochila: as *lomatochilum*. cf. *Ceraia lomatochila*. syn. *Dendrobium lomatochilum*.

lomatochilum: ref. *lomation*: small fringe; hem; border + lip. Ref. the labellum (described as: lacinate-fimbriate). cf. *Dendrobium lomatochilum*.

lombasangensis: from Lombasang, a town of sthn. central Sulawesi Selatan, Sulawesi, Indon. cf. *Ceratostylis lombasangensis* J.J.Sm.1928.

lombokense: as *lombokensis*. cf. *Thrixspermum lombokense* J.J.Sm.1925.

lombokensis: from Lombok island, of the Lesser Sunda Islands, Indon. cf. *Peristylus lombokensis* J.J.Sm.1909.

lompobatangense: from Gunung (Mt.) Lompobatang, sthn. Sulawesi Selatan, Sulawesi, Indon. cf. *Dendrobium lompobatangense* J.J.Sm.1928. syn. *D. calyculimentum*.

lonchi-, *loncho-*: used in combwds., see *lonchidion*: a light, or small spear, etc. Mostly is for the head only, no shaft, or handle, or perhaps, just a stub.

lonchidion: descwd. Noted this from an **English** discussion and of course I had no idea what it meant! Listed as ref. *lonche*: spear; javelin; lance + dimin.: a light, or small spear. To make it more confusing, it usually only refs. to the spear-head (without a shaft).

lonchigera: see *lonchi-* + bearing. cf. *Flickingeria lonchigera*.

lonchigerum: see *lonchi-* + bearing. ex New Guinea, cf. *Dendrobium lonchigerum*. syn. *Flickingeria lonchigera*.

Lonchitis: Bubani 1901. Is listed as the one word, for a plant with spear-shaped leaves. The etym. is probably: see *lonchi-*: a light spear (-head) + *-tis*: the action, or for serving a purpose. syn. *Serapias* L.

lonchophylla: spear + leaf. cf. *Oeceoclades lonchophylla*.

Lonchophyllum: Ehrh.1789: spear + leaf. syn. *Cephalanthera* Rich.

lonchophyllum: spear + leaf. cf. *Dendrobium lonchophyllum*. syn. *Flickingeria xantholeuca*.

lonchophyllus: spear + leaf. cf. *Myoxanthus lonchophyllus*. syn. *Pleurothallis warmingii*.

londesboroughiana: as next entry. cf. *Rhynchostele londesboroughiana* (Rchb.f.) Soto Arenas & Salazar 1993. syn. *Mesoglossum londesboroughianum*.

londesboroughianum: listed for noted grower, Lord Londesborough of Surrey, Eng., first to flower it. ex Mexico, cf. *Mesoglossum londesboroughianum* (Rchb.f.) Halb.1982.

londonnii: of Londoño, see *londonoana*. ex Colombia, cf. *Stelis londonnii* O.Duque 1997.

londonoana: belonging to Londoño. Ref. phytologist and author, Ximena Londoño. ex Colombia, cf. *Platystele londonoana* Luer & R.Escobar 1990.

londonoi: as *londonnii*. ex Colombia, cf. *Pleurothallis londonoi* Luer 1996.

longa: ref. *longus*: long. Has long branches. cf. *Glomera longa*.

longeciliata: having long eyelashes (see *cilia*, *ciliate*). cf. *Coelogyne longeciliata*. syn. *C. fimbriata* (: fringed, see *fimbriate*).

longepedunculata: long + see *pedunculate*, *peduncle* (:flower stem part). cf. *Appendicula longepedunculata*. syn. *A. cristata*.

longerepens: long + creeping. cf. *Eria longerepens*.

longescapum: long + scape (: a kind of flower stem, see "S"). cf. *Phyllorchis longescapum*.
 syn. *Bulbophyllum longiscapum*.
longhutense: listed for place name: from Long Hoet, Borneo. cf. *Bulbophyllum longhutense* J.J.Sm.1931.
longhutensis: as *longhutense*. cf. *Oberonia longhutensis* J.J.Sm.1931.
longi-: used in combwds., ref. *longus*: long.
longiacuminata: long + ref. *acuminis*: sharp point + like; having. cf. *Lepanthes longiacuminata*.
longiauriculata: long + eared (see auriculate, auricle). cf. *Spiranthes longiauriculata*. syn. *Veyretia simplex*.
longibrachiatum: like, or having long arms. cf. *Bulbophyllum longibrachiatum*.
longibractea: long + bract + of. cf. *Phreatia longibractea*.
longibracteata: long + bracted. cf. *Oberonia longibracteata*.
longibracteatoides: long + bracted + resembling. cf. *Orchis mascula* ssp. *longibracteatoides*.
longibracteatum: long + bracted. cf. *Bulbophyllum longibracteatum*.
longibracteatus: long + bracted. cf. *Elleanthus longibracteatus*.
longibracteum: long + bract + of. cf. *Himantoglossum longibracteum*.
longibulba: long + bulb. cf. *Pholidota longibulba*.
longibulbosa: long + see bulbous. cf. *Coelogyne longibulbosa*.
longibulbosum: long + see bulbous. cf. *Cyrtopodium longibulbosum*.
longibulbum: long + bulb. cf. *Dendrochilum longibulbum*.
longicalcar: long + spur. cf. *Angraecum eburneum* var. *longicalcar*.
longicalcarata: long + spurred. cf. *Appendicula oxysepala* var. *longicalcarata*.
longicalcaratum: long + spurred. cf. *Dendrobium longicalcaratum*. syn. *D. chameleon*.
longicalcaratus: long + spurred. cf. *Anoectochilus longicalcaratus*.
longicalcareum: long + spur + suffix: the feature. cf. *Pteroceras longicalcareum*.
longicalcareus: as *longicalcareum*. cf. *Sarcochilus longicalcareus*. syn. *Pteroceras longicalcareum*.
longicalceata: long + *calceata*: like, or having a shoe. cf. *Benthamia longicalceata*.
longicauda: long + tails. Ref. tips of the tepals. cf. *Caladenia longicauda*. Noted as endemic to West.Aust.
longicaudata: long + tailed. cf. *Masdevallia longicaudata*. syn. *M. infracta*.
longicaudatum: long + tailed. cf. *Bulbophyllum longicaudatum*.
longicaudum: as *longicauda*. cf. *Calonema longicaudum*. syn. *Caladenia longicauda*.
longicaule: long + stem; stalk. cf. *Dendrobium longicaule*. syn. *D. neoguineense*.
longicaulis: as *longicaule*. cf. *Phreatia longicaulis*.
longicaulos: as *longicaule*. cf. *Microstylis longicaulos*.
longiciliata: long + see cilia, ciliate. cf. *Coelogyne longiciliata*. syn. *C. fimbriata*.
longiclavata: long + clubbed. Ref. the tepals + see club. cf. *Caladenia longiclavata*. Noted as endemic to West.Aust.
longiclavatum: as *longiclavata*. cf. *Calonema longiclavatum*. syn. *Caladenia longiclavata*.
longicolle: long + neck. Possibly ref. the column, or ovary (?). cf. *Diplocaulobium longicolle*.
longicollis: long + neck. cf. *Lankesterella longicollis*.

longicolumna: long + column. cf. *Goodyera longicolumna*. syn. *Goodyera rubicunda*.
longicolumnum: long + column. cf. *Peramium longicolumnum*. syn. *Goodyera rubicunda*.
longicornia: long + horn. cf. *Erythroides longicornia*.
longicorne: long + horn. cf. *Limodorum longicorne*. syn. *Mystacidium capense*.
longicorniculata: long + horn + dimin.+ like; having. cf. *Habenaria longicorniculata*.
longicornis: long + horn. For the spur, or mentum (?). cf. *Bifrenaria longicornis*.
longicornu: long + horn. cf. *Oncidium longicornu*.
longicrura: long + leg (+ see crural). cf. *Epidendrum longicrura*.
longicruris: long + legged. Ref. the labellum apical lobes. cf. *Orchis longicruris*. syn. *O. italica*.
longicurva: long + bend; curve. cf. *Pterostylis longicurva*. Noted as endemic to n.east Aust.
longicuspe: long + point. cf. *Oncidium longicuspe*. syn. *Ada ocanensis*.
longicuspis: long + point. cf. *Brassia longicuspis*. syn. *Ada ocanensis*.
longicuspum: long + point. cf. *Dendrochilum cruciforme* var. *longicuspum*.
longidens: long + tooth (teeth?). cf. *Bulbophyllum longidens*. syn. *B. boninense*.
longifimbriata: long + see fimbriate. cf. *Caladenia longifimbriata*. Endemic to West.Aust.
longiflora: long + flower. cf. *Corymbis longiflora*. syn. *Corymborkis veratrifolia*.
longiflorum: long + flower. ex Madagascar. cf. *Bulbophyllum longiflorum* Thouars 1822.
Noted, this is the first one to be called a *Bulbophyllum* of this huge genus. If possible, read the taxonomical history of this species, because of its wide distribution and variabilities, it has over twenty generic synonyms. Wonderfully confusing, as it is noted to be found in Africa, across to Indonesia, New Guinea, Aust. and other Pacific islands.
longiflorus: long + flower. cf. *Odontochilus longiflorus*. syn. *Pristiglottis longiflora*.
longifolia: long + leaf. cf. *Diuris longifolia*. Noted as endemic to West.Aust.
longifoliae: (those) with a long leaf. cf. *Pterostylis longifoliae*. syn. *P. tunstallii*.
Longifoliae: as *longifoliae*. = *Coelogyne* section.
longifolium: long + leaf. cf. *Dendrochilum longifolium*. Pers.coll., common ex PM.PNG.
longifolius: long + leaf. cf. *Ypsilopus longifolius*.
longiglandula: long + small gland. cf. *Platanthera longiglandula*.
longihastatum: long + see hastate: like a spear/double edged axe head. cf. *Epidendrum longihastatum*. syn. *E. secundum*.
longihirta: long + see *hirti*:- long hair, or long and hairy (?). cf. *Stelis longihirta*.
longii: listed for orig.coll., F.H.Long (+ of). cf. *Caladenia longii* R.S.Rogers 1931. Noted as endemic to Tas., Aust. + See next entry.
longii: listed for botanist and author, Bayard Henry Long (1885-1969?). ex N.east Africa, cf. *Polystachya longii* Chiov.1941. syn. *P. eurychila*.
longilabiatum: long + see labiate: lipped, etc. cf. *Satyrium cristatum* var. *longilabiatum*.
longilabra: long + lip. cf. *Pholidota longilabra*.
longilabre: long + lip. cf. *Bulbophyllum longilabre*.
longilabris: long + lip. cf. *Zeuxine longilabris*.
longiloba: long + lobe. cf. *Thelymitra longiloba*. Noted as endemic to eastn. Aust.
longilobata: long + lobed. cf. *Eulophia longilobata*. syn. *E. latilabris*.

longilobatum: long + lobed. cf. *Herminium longilobatum*.
longilobum: long + lobe. cf. *Thrixspermum longilobum*.
longimentum: long + see mentum: chin, or -mentum, which could then make the word: lengthened (?). cf. *Phreatia longimentum*.
longimucronatum: long + see mucronate: sharp pointed. Ref. the sepals. cf. *Bulbophyllum longimucronatum*.
longinode: long + see node. cf. *Angraecum longinode*.
longioperculatum: long + see operculate. cf. *Cleisostoma longioperculatum*.
longipaniculatum: long + see paniculate (: having, or like a small panicle). cf. *Cleisostoma longipaniculatum*.
longipecten: long + comb. cf. *Dendrobium longipecten*.
longipedicellata: long + see pedicellate: having long pedicels. cf. *Pleurothallis longipedicellata*.
longipedicellatum: as *longipedicellata*. cf. *Bulbophyllum longipedicellatum*.
longipedunculata: long + see pedunculate: having a long peduncle. cf. *Malaxis longipedunculata*.
longipedunculatus: as *longipedunculata*. cf. *Corybas longipedunculatus*.
longipenis: long + tail. I nearly choked with this one, as I put an entirely different connotation to it! At first I thought it may be for a spur, but it's not remarkable. Lat. *penis*, also: tail (+ can even be a dagger), look at a photo', or line drawing: the labellum is fancifully man-shaped and between the "legs" (the apical lobes) is another long, slender lobe (: the tail). cf. *Orchis longicruris** var. *longipenis*. syn. *O. italica*. *Note, *longicrurus*: long-legged. Refs. to the labellum apical lobes.
longipes: long + foot. The flower has an unusually long pedicel. cf. *Bulbophyllum longipes*.
longipetala: long + petals. cf. *Pterostylis longipetala*. Noted as endemic to s.east Aust.
longipetalum: long + petals. cf. *Schizodium longipetalum*.
longipetalus: long + petals. cf. *Corybas longipetalus*.
longipetiolata: long + see petiolate: like a leaf-stalk, + see petiole. cf. *Stelis longipetiolata*.
longipetiolatum: as *longipetiolata*. cf. *Bulbophyllum longipetiolatum*.
longipiliferum: long + hair + bearing. Ref. the paleae of the petals. cf. *Bulbophyllum longipiliferum*. syn. *B. octarrhenipetalum*. Of interest, the first author called the paleae "hairs" and the second, likened them to eight (-octa) stamina, see *arrhen*.
longipilosum: long + see pilose: hairy, etc. cf. *Thrixspermum longipilosum*.
longiracema: long + see raceme. cf. *Peristylus longiracema*.
longiracemosa: long + see racemose, raceme. cf. *Cirrhaea longiracemosa*.
longirachis: long + see rachis: flower stem part. cf. *Dendrochilum longirachis*.
longirepens: long + creeping. cf. *Epigeneium longirepens*.
longirostellata: long + beak + dimin.+ like; having. cf. *Quekettia longirostellata*.
longirostrata: long + see rostrate: beaked; beak-like. cf. *Appendicula longirostrata*.
longirostratum: as *longirostrata*. cf. *Bulbophyllum longirostratum*.
longirostre: long + see rostrum: beak, etc. cf. *Bulbophyllum longirostre*.
longirostris: long + beak. cf. *Habenaria longirostris*.
longiscapa: long + see scape (flower stem). cf. *Peristeria longiscapa*. syn. *Lacaena bicolor*.

longiscapum: as *longiscapa*. cf. *Bulbophyllum longiscapum*.
longisegmenta: long + piece(-s: long floral segments). cf. *Bulbophyllum longisegmenta*.
longisepala: long + sepal. cf. *Arachnis longisepala*.
Longisepalae: (those with) long sepals.= *Lycaste* section.
longisepalum: long + sepals. cf. *Prasopphyllum longisepalum*. syn. *P. nichollsianum*. Noted as endemic to NSW., Aust.
longiserpens: long + snake. Infers, creeping and sinuous. Refs. to the long winding rhizome with distant pseudobulbs. cf. *Bulbophyllum longiserpens*. syn. *B. cylindrobulbum*.
longisetigerum: long + bristle(s?) + bearing. cf. *Taeniophyllum longisetigerum*.
longispathum: long + see spathe. cf. *Epidendrum longispathum*.
longispatum: long + *spatum*: refs. to a spathe. Or, could ref. to *spatium*: space; extent; distance, but is probably the former. cf. *Bulbophyllum longispatum*.
longispica: long + spike. Ref. the relatively long inflo. (spike). cf. *Malaxis longispica*.
longispicata: long + see spicate: spiked. cf. *Notylia longispicata*.
longispicatum: as *longispicata*. cf. *Dendrochilum micholitzianum* var. *longispicatum*.
longissima: long + emphatic suffix: very, etc. Ref. the stem. cf. *Microtatorchis longissima*. Noted as endemic to PNG.
longissimum: as *longissima*. Refs. to the long tapering sepals, listed as being c15cms.(6") long. cf. *Bulbophyllum longissimum*.
longistelidium: long + see stelidia, stelids (: column appendages). cf. *Bulbophyllum longistelidium*. syn. *B. stormii*.
longistigma: long + stigma. cf. *Habenaria longistigma*. syn. *H. cirrhata*.
longitentaculata: long + see tentaculate (+ tendril; cirri). Refs. to a flower, for the tails and appendages, alluding to resemble "tentacles". cf. *Habenaria longitentaculata*. syn. *H. pantlingiana*.
longitepala: long + tepals. cf. *Oberonia longitepala*.
longitheca: long + see *theca*: case; covering, etc. cf. *Habenaria longitheca*.
longituba: long + trumpet, or ref. *tubus*: a tube; pipe (?). cf. *Ambrella longituba*.
longitudinal: ref. *longitudinis*: length + Eng. suffix: of, etc. Running lengthwise, ie. from top to bottom.
longiusculus: descwd.: somewhat long; a little longer than normal.
longivagans: long + see *vagans*: wandering. cf. *Bulbophyllum longivagans*.
longivaginans: long + sheathing. cf. *Jumellea longivaginans*.
longivaginata: as *longivaginatum*. cf. *Polystachya longivaginata*.
longivaginatum: long + see *vaginate*: sheathed. cf. *Agrostophyllum longivaginatum*.
longlingensis: from Longling (: Longshan), a town of Yunnan Prov., China. cf. *Eria longlingensis* S.C.Chen 1988.
longmanii: listed for orig.coll., H.A.Longman ex nth. Qld., cf. *Sarcochilus longmanii* F.M.Bailey 1909. syn. *S. weinthalii* F.M.Bailey 1904. Endemic to eastn. Aust.
longovarium: long + see *varius*: different, etc.(?). Or, more likely: *long*-+ *ovarium*: the flower has a long ovary (which swells after pollination, becoming the capsule). cf. *Epidendrum longovarium*. syn. *E. cristatum*.

longpasiaensis: for place name: from Long Pa Sia (village), Sabah, Borneo. cf. *Coelogyne longpasiaensis* J.J.Wood & C.L.Chan.1990.

long-repans: descwd.: long, bent upwards and curved back.

longum: ref. *longus*: long. cf. *Camaridium longum*. syn. *Maxillaria longa*.

loose: usually applied to flowers, see *lax*.

lopezii: listed for botanist and author, Ginés Alejandro López González (b1950). ex Colombia, cf. *Epidendrum lopezii* Hágsater 1999.

Lophiaris: Raf.1838: ref. *lophos*: crest, comb + see *-are*: of, etc. Ref. the crested labellum. syn. *Trichocentrum* Poepp.& Endl.

lophius: ref. *lophia*: crest; tuft; comb. cf. *Lepanthes lophius*.

lophochilum: comb; tuft; crest + lip. cf. *Cleisostoma lophochilum*. syn. *Pelatantheria ctenoglossum* (: comb + tongue).

lophochilus: as *lophochilum*. cf. *Sarcanthus lophochilus*. syn. *Pelatantheria ctenoglossum*.

Lophoglotis: Raf. Listed as such, but is probably an error, see *Lophoglottis*.

lophoglottis: comb; crest + tongue. Ref. the feather-like labellum. cf. *Bulbophyllum lophoglottis*.

Lophoglottis: Raf.1838: ref. *lophos*: crest; comb; tuft + tongue. syn. *Sophronitis* Lindl.

lophoton: crested. Ref.the lip. cf. *Bulbophyllum lophoton*.

lophotos: as *lophoton*. cf. *Peltopus lophotos*. syn. *Bulbophyllum lophoton*.

loranthophylla: ref. *Loranthus*: a genus of trop. parasitic plants, like mistletoe (of the family: *Loranthaceae*) + *phylla*: leaf. cf. *Phragmipedium loranthophylla*.

lorata: see *lorate*. cf. *Encyclia lorata*.

lorate: ref. *lorum*: a thong; strap + suffix: having; like, or of a strap, or thong. eg. *lorate* leaf, *lorate* stipe, etc.

loratum: as *lorate*. cf. *Pteroceras loratum*. syn. *Staurochilus loratus*.

loratus: as *lorate*. cf. *Staurochilus loratus*.

lordoglossum: ref. *lordos*: bent backwards + tongue. cf. *Bulbophyllum lordoglossum*.

lorea: ref. *loreus*: leather strip; strap. cf. *Caladenia lorea*. Endemic to s.west Aust.

loreatus: ref. *loreus*: leather strip; strap + suffix: having; like. cf. *Ascochilus loreatus*.

lorentziana: belonging to Lorentz. Listed for physicist, naturalist and explorer, H.A.Lorentz (b1871). Leader of scientific expeditions to Borneo, Dutch New Guinea (now Papua, Indon.), etc., early 1900s*. Possibly not related, but of interest, also ref. the Gunung Lorentz N.Park and Sungai Lorentz (a river, aka. *Lorentz-rivier*), both of sth. coast Papua, Indon. cf. *Eria lorentziana* J.J.Sm.& Kraenzl.1911. syn. *Eria eriaeoides*. *Also noted he collected in Argentina, cf. *Aa lorentzii* Schltr.1920.

lorentzianum: as *lorentziana*. ex New Guinea, cf. *Bulbophyllum lorentzianum* J.J.Sm.1910.

lorentzii: of Lorentz, see *lorentziana*. cf. *Octarrhena lorentzii* J.J.Sm.1910.

lorenziana: listed for phytologist and author, R.Lorenz (+ belonging to). ex Morocco, cf. *Serapias lorenziana* H.Baumann & Künkele 1989. syn. *S. cordigera* var. *mauritanica* (E.G.Camus) E.Nelson.

lorenzii: of Lorenz, see *lorenziana*. ex sthn. Europe and the Mediterranean region, cf. *Ophrys* x *lorenzii* Soca.

loretoense: for place name (+ from), only listed as ex Mexico to nthn. Sth.America. May be for the Department of Loreto, Peru and could also ref. to Loreto, a major town of Zacatecas, Mexico (?). cf. *Campylocentrum loretoense* Schltr.1921. syn. *C. fasciola*.

loretoensis: for place name (+ from), listed as ex Venezuela to Peru. May ref. to Loreto Department, nthn. Peru. cf. *Maxillaria loretoensis* C.Schweinf.1944.

loretorensis: the “r” in the middle, is either an error, or a spacer, as this is listed as ex Loreto Department, nthn. Peru. cf. *Scaphyglottis loretorensis* Schltr.1921. syn. *S. graminifolia*.

loriae: listed for botanist, M.L.Loria (+ of). ex New Guinea, cf. *Phreatia loriae* Schltr.1907.

loricata: orig., ref. *lorica*: a breast-plate (usually of leather, or bone, as: body armour, like bony plates); hard outer covering + suffix: like. (+ See loricata). Refs. to the sheathing bracts of the inflo. cf. *Coelogyne loricata* syn. *Pholidota imbricata*.

loricate: see *loricata*, which is a good definition. In English, loricata is described as: wearing, or clad in a body-armour, mainly composed of very hard, bony, scale-like platelets. eg. Like a crocodile’s scales. Can also ref. to a chain-mail type of armour. From a discussion, noted “... the loricata stem.”, alluding to the basal scales.

lorifolia: ref. *lorum*: a thong; strap + leaf. cf. *Diuris lorifolia*.

lorifolium: as *lorifolia*. cf. *Epidendrum lorifolium*. syn. *E. flexuosum*.

lorifolius: as *lorifolia*. cf. *Sarcanthus lorifolius*. syn. *Cleisostoma racemiferum*.

loroglossum: strap; thong + tongue. cf. *Bulbophyllum loroglossum*.

Loroglossum: Rich.1817: strap + tongue. syn. *Himantoglossum* (also: strap + tongue).

loroglossus: as *loroglossum*. cf. *Peltopus loroglossus*. syn. *Bulbophyllum loroglossum*.

lotax: fool; buffoon; clown. cf. *Dracula lotax*.

lotensis: listed for place name: from Lota, a major coastal town of central Chile. cf. *Chloraea lotensis* Rolfe 1916.

Lothiania: Kraenzl.1924. Listed for noted grower the Marquess of Lothian (+ of), Newbattle Abbey, Eng. syn. *Porroglossum* Schltr.

lotsyana: belonging to Lotsy. Listed for botanist, Johannes Paulus Lotsy (1867-1931). ex Java and Sumatra, cf. *Oberonia lotsyana* J.J.Sm.1905.

Lousia: Rchb.f.1858, see *Luisia*. syn. *Luisia*.

lousiadum: listed for place name: of the Louisiade Archipelago, in the Coral Sea, s.east of PNG. cf. *Bulbophyllum lousiadum* Schltr.

louvrexianum: belonging to Louvrex. For noted grower, M.D.Massange de Louvrex of Marche, Belgium. cf. *Oncidium lanceanum* var. *louvrexianum* Rchb.f. Took this from a book, but there’s no official listing. Could be syn. to *Trichocentrum lanceanum* (?).

lowanensis: for place name (+ from), listed as ex Vic., Aust. Could also ref. to Lowan Conservation Park, Sth.Aust. (?). cf. *Caladenia lowanensis* G.W.Carr 1991. Noted as endemic.

x *Lowara*: auct.: of Low, see the following entries. On the syn. list, the result of *Brassavola* x *Laelia* x *Sophranitis*.

lowiana: listed for orig.coll., see *lowianum*. ex Madagascar, cf. *Cynorchis lowiana* Rchb.f.1888.

lowianum: belonging to Low. Listed for Stuart Henry Low (1826-1890), of the famous nurserymen, Low & Co. of Clapton, Eng. ex China to Indo-China, cf. *Cymbidium lowianum* (Rchb.f.) Rchb.f.1879.

lowii: listed for Sir Hugh Low (1824-1905), of the famous nurserymen, Low & Co. of Clapton, Eng. Joined the Diplomatic Service and was sent to Borneo, then to Perak, Malaya. During his travels he sent many fine plants back to the family company and also to the RBG., Kew. One of his most famous discoveries was rather controversial: Lindley described it as *Vanda lowii*, then Schlechter named it *Vandopsis lowii* and then Rolfe classified it into a new genus as *Dimorphorchis lowii*. Besides the flowers being dimorphic (: having two shapes), there are also two different colour combinations, all on the one inflorescence.

lowilliamsii: this specep. is very definite, for phytologist and author, L.O. (Louis Otho) Williams (1908-1991). ex Mexico, cf. *Epidendrum lowilliamsii* Garcia-Cruz 1992.

Lowiorchis: (Schltr.) Szlach.: "Low's orchid". Not sure which Low this is for, or if for the family company of Low & Co. + See previous entries beginning with *low*-. ex Madagascar, eg. *Lowiorchis sambiranoensis*. syn. *Cynorchis sambiranoensis*.

loxense: listed for place name: from Loxa (: Loja Prov., or may be for Loja city?), Ecuador. cf. *Cyrtorchilum loxense* (Lindl.) Kraenzl.1917.

loxensis: as *loxense*. cf. *Pleurothallis loxensis* Luer & Hirtz 1996. syn. *P. lamellaris*.

loxia: listed as ex *loxos*: slanting; sloping + of; like. cf. *Malaxis loxia*.

loxoglottis: ref. *loxos*: oblique; slanting + tongue. cf. *Kreodanthus loxoglottis*.

Loxoma: Garay 1972: ref. *loxos*: oblique; slanting. syn. *Smithsonia* C.J.Saldanha.

Loxomorchis: Rauschert 1982: as *Loxoma* + see orchid, orchis. syn. *Smithsonia*.

loxophyllum: oblique + leaf. cf. *Bulbophyllum loxophyllum*.

luanii: is only listed as ex Vietnam. May ref. to place name: of **Luân Châu**, west Vietnam (?). cf. *Bulbophyllum luanii* Tixier 1965.

x *Luascotia*: auct. On the syn. list, cf. *Ascocentrum* x *Luisia* x *Neofinetia*.

lubbersiana: as *lubbersianum*. ex Myanmar, cf. *Callista lubbersiana* (Rchb.f.) Kuntze 1891. syn. *Dendrobium lubbersianum* Rchb.f.1882.

lubbersianum: for Dr.A.Lübbbers (Luebbbers) + belonging to, Curator of St.Gilles Bot.Garden, Brussels. ex Zaire to Uganda, cf. *Eulophidium lubbersianum* (De Wild.& Laurent) Summerh.1957. syn. *Oeceoclades lubbersiana* (De Wild.& Laurent) Garay & P.Taylor 1976.

lubiense: for place name (+ from). Ref. Lubi village and/or Lubi River, both of Congo (DRC.), Africa. cf. *Bulbophyllum lubiense* De.Wild.1921. syn. *B. falcatum* var.*bufo*.

lucae: listed for place name: of Luca (village), eastn. central Panay Island, Philipp. cf. *Dendrobium lucae* F.Muell.ex Kraenzl.1910. syn. *D. macrophyllum*.

lucana: as many *Ophrys* species are likened to insects, this probably refs. to *lucanus*: a kind of beetle. cf. *Ophrys lucana*. syn. *O. fusca* ssp.*fusca*.

lucanoideum: ref. *lucanus*: a kind of beetle + resembling. cf. *Brachionidium lucanoideum*.

lucasiana: listed for noted grower, C.J. Lucas of Horsham, Eng. ex Brazil, cf. *Laelia lucasiana* Rolfe 1893. syn. *Sophranitis longipes*.
lucasianum: as *lucasiana*. ex Cajamarca, Peru, cf. *Oncidium lucasianum* Rolfe 1894.
lucayana: belonging to Lucaya city, Commonwealth of the Bahamas. cf. *Tolumnia lucayana* (Nash ex Britton & Millsp.) Braem 1986. syn. *Oncidium lucayanum*.
lucayanum: as *lucayana*. cf. *Oncidium lucayanum* Nash 1920.
lucayanus: of Lucaya, see *lucayana*. cf. *Mesadenus lucayanus* (Britton) Schltr. 1920. syn. *Mesadenus polyanthus*.
luchanense: for place name: from Lucban. Listed as ex Luzon, Philipp., noted some villages and a city called Lucban. cf. *Acoridium luchanense* Ames 1922. syn. *Dendrochilum longibulbum*.
luchanensis: as *luchanense*. cf. *Appendicula luchanensis* (Ames) Ames 1914.
lucens: shining; bright; gleaming. + Can also mean: "whitish". cf. *Dendrobium lucens*.
lucernula: a small lamp. cf. *Masdevallia lucernula*.
luceroana: listed for place name: belonging to El Lucero, village, Jalisco state, Mexico. cf. *Malaxis luceroana* R. González 1992.
lucescens: ref. *lux* + suffix: becoming shiny, etc. Or, (see *lucens*) can be: whitish + tending to; becoming. cf. *Podochilus lucescens*.
luchanense: for place name (+ from), only listed as ex Luzon, Philipp. cf. *Dendrochilum luchanense* Ames 1912. syn. *D. longibulbum*.
luchuense: as *luchuensis*. cf. *Pomatocalpa luchuense* (Rolfe) T. Tang & F. T. Wang 1951. syn. *Staurochilus luchuensis* (Rolfe) Fukuy. 1942.
luchuensis: from Lu-chu, listed as ex Taiwan. Noted a city of this name in the north and another in the south of the island. cf. *Eria luchuensis* Yatabe 1892. syn. *Eria ovata*.
luchunensis: from Lüchun (village), Yunnan Prov., China. cf. *Oberonia acaulis* var. *luchunensis* S. C. Chen. syn. *O. acaulis*.
lucianiana: belonging to Lucien, see *lucianii*. cf. *Lycaste* x *lucianiana* auct. syn. *Lycaste* x *luciani* (author, date and location not given).
lucianii: listed as Lat' d. for the given name of Lucien Linden (more, see *lindenii*). ex Venezuela, cf. *Catasetum lucianii* Cogn. 1895. syn. *C. splendens*.
lucida: see *lucidus*. Ref. the very shiny underside of the leaves. cf. *Aglossorhyncha lucida*.
lucidum: see *lucidus*. Ref. the leaves. cf. *Dendrobium lucidum*. syn. *Cadetia lucida*.
lucidus: descwd. shiny; bright; glossy; full of light. Mostly for a reflective surface.
lucieniana: listed for the given name of Lucien Linden (+ belonging to, more, see *lindenii*). ex Brazil, cf. *Cattleya* x *lucieniana* Rchb. f. 1885.
lucifer: is lit., light-bearing. But, more likely refs. to the Devil (**Lucifer**; Satan), as so many of this genus are given speceps. saying they are very weird, satanic, scary, like monsters, or beasts, etc. ex Ecuador, cf. *Lepanthes lucifer* Luer & Hirtz 1987.
lucifera: light + bearing (+ see *lucifilum*, *lucis*). cf. *Ophrys lucifera*. syn. *O. fusca* ssp. *fusca*.
lucifilum: *luci*-, can be for: light; white; bright; shiny + thread(s). cf. *Bulbophyllum lucifilum*.

lucifugum: lit., shuns the light. Ref. *lux*: light + *fugere*: to flee, + it's listed as the one word, ref. *lucifugus*. Obviously enjoys heavy shade. cf. *Bulbophyllum calyptratum* var. *lucifugum*.

lucis: lit., light, daylight. + Can infer: shiny; bright or, "whitish". cf. *Catasetum lucis*.

luctuosa: see *luctuosus*. cf. *Pleurothallis luctuosa*.

luctuosus: descwd.. My guess was: full of brightness, was I wrong! It's almost the exact opposite, listed as ref. *luctus* + suffix: sorrowful; mournful; dismal, etc. + Can allude to being dressed for a funeral, ie. in very dark clothing (in mourning).

ludaoense: from Ludao (village), Heilongjiang Prov., s.east China. cf. *Pachystoma ludaoense* S.C.Chen & Y.B.Luo 2002. syn. *P. pubescens*.

ludens: can have many meanings, is ex *ludere*: to play (at); act; mock, etc. Playing; acting; mocking; deluding; ridiculing; imitating; mimicing, etc. Maybe the author was showing his frustration, in his attempts to classify it. cf. *Oncidium ludens*. syn. *Cyrtorchilum tetracopis*.

ludibunda: ref. *ludibundus*: wanton; carefree, etc. cf. *Masdevallia ludibunda*.

ludibundella: as *ludibunda* + small. Possibly, was compared to *Masdevallia ludibunda*. cf. *Masdevallia ludibundella*.

Ludisia: A.Rich.1825. Listed as initially ex *ludere*: to play (at); toy (with). Mockery; derision, etc.(+ of). Probably for the frustration of its classification. Noted as monotypic, sthn. China to Sumatra, cf. *Ludisia discolor*.

x *Ludochilus*: Garay & H.R.Sweet. On the syn. list, cf. *Anoectochilus* x *Ludisia*.

luebbersianum: see *lubbersianum*. Listed as ex India, Hainan Island to Indo-China, cf. *Dendrobium luebbersianum* Rchb.f. syn. *D. williamsonii*.

Lueckelia: Jenny 1999: of Lückel, as *lueckelianum*. cf. *Lueckelia breviloba*. Noted as monotypic ex Peru and Brazil.

lueckelianum: belonging to Lückel. Listed for phytologist and author, Emil Lückel. ex Thailand, cf. *Dendrobium lueckelianum* H.Fessel & M.Wolff 1990.

lueckelii: of Lückel, as *lueckelianum*. ex Sth.America, cf. *Scaphyglottis lueckelii* I.Bock 1984. syn. *S. bilineata*.

Lueddemann: from many books, the majority of authors spell his name this way. As there are quite a few variations, I've grouped some refs. here, under the one heading. A botanist, naturalist and authoritative collector, M.Lueddemann worked for V.Pescatore of Paris, France (+ see *Pescatorea*). + The suffixes to his name: of; belonging to:-

Lueddemannia: Rchb.f.1854. eg. *Lueddemannia pescatorei*.

Luddemania: Rchb.f.1860. syn. *Acineta*.

Luedemannia: Benth.1883. syn. *Acineta*.

Lueddemannia: *Acineta* section.

lueddemanniana: cf. *Phalaenopsis lueddemanniana* Rchb.f.1865.

luederwaldtii: listed for botanist, Albert Luederwaldt (1861-1917). ex São Paulo, Brazil, cf. *Bulbophyllum luederwaldtii* Hoehne & Schltr.1926.

luentensis: for place name (+ from), listed as ex Zaire, Africa. Noted a few places (towns and villages) that sound like it, but not having the same spelling. cf. *Habenaria luentensis* Szlach.& Olszewski 1998.

luerae: belonging to Luer, see *Luerella*. ex Ecuador, cf. *Scelochilus luerae* Dodson 1980.

Lueranthos: Szlach.& Marg.2001: "Luer's flower". See *Luerella*. syn. *Pleurothallis* R.Br.

Luerella: Braas 1979. Listed for phytologist, orchidologist, authority and prolific author, Carlyle A.Luer* (b1922) +*-ella*: respectful suffix. eg. *Luerella pelecanceps*. Noted as monotypic ex Panama. *His books on the orchid species of Canada and the USA. are absolutely brilliant, see the bibliography.

lueri: of Luer, see *Luerella*. Listed as ex Bolivia, cf. *Dipterostele lueri* (Dodson & R.Vásquez) Garay & G.A.Romero 1998.

lueriana: belonging to Luer, see *Luerella*. ex Venezuela, cf. *Dryadella lueriana* Carnevali & G.A.Romero 1991.

luerorum: for C.A.Luer (info. see *Luerella*) + belonging to. ex Bolivia, cf. *Chondrorhyncha luerorum* R.Vásquez & Dodson 1998.

luetzelburgii: listed for botanist, Philipp von Luetzelburg (1880-1948). Descs. acc. to him are abbr. to: Leutz. ex Brazil, cf. *Habenaria luetzelburgii* Schltr.1921.

lugens: ref. *lugere*: to mourn; *lugeo* +*-ens*: (in) mourning. Not because it's sad, but for the mournful, dark colouring; a deep reddish-brown. cf. *Oncidium lugens*.

x *Luicentrum*: auct. On the syn. list, cf. *Ascocentrum* x *Luisia*.

x *Luichilus*: auct. On the syn. list, cf. *Luisia* x *Sarcochilus*.

x *Luinetia*: auct. On the syn. list, cf. *Luisia* x *Neofinetia*.

x *Luinopsis*: auct. On the syn. list, cf. *Luisia* x *Phalaenopsis*.

x *Luisanda*: auct. On the syn. list, cf. *Luisia* x *Vanda*.

x *Luiserides*: Maek. On the syn. list, cf. *Aerides* x *Luisia*.

Luisia: Gaudich.1829. Listed for Don Luis de Torres, a Portugese botanist. eg. *Luisia teretifolia*. syn. *L. tristis*. Love that deep wine-red labellum! Found it common in PM.PNG., also once in Darwin, NT., Aust. The Darwin one was a little disappointing with smaller flowers, less vivid colours and had more of a pendent habit, than its counterpart from PM.PNG.

luisifolia: see *luisifolium*. cf. *Rhynchogyna luisifolia*.

luisifolium: *Luisia* + leaf. Leaves are terete, like *Luisia*. cf. *Saccolabium luisifolium*. syn. *Rhynchogyna luisifolia*.

luisioides: *Luisia* + resembling. To me, the plant looks like a *Luisia* with anorexia! No wonder, in its "correct name", it has the specp. of *filiforme* (thread + shape; form). cf. *Saccolabium luisioides*. syn. *Cleisostoma filiforme*.

x *Luistylis*: auct. On the syn. list, cf. *Luisia* x *Rhynchostylis*.

x *Luivanetia*: auct. On the syn. list, cf. *Luisia* x *Neofinetia* x *Vanda*.

lujae: listed for place name (+ of). Among the given locations, may be: of Luji (village), s.east Zambia, Africa (?). cf. *Eulophia lujae* De Wild. syn. *E. zeyheri*.

lujaeana: as *lujae* + belonging to. cf. *Eulophia lujaeana* Kraenzl.1899. syn. *E. milnei*.

lukwangulensis: for place name (+ from), listed as ex the Uluguru Mtns., Tanzania, Africa. cf. *Polystachya lukwangulensis* P.J.Cribb 1978.

lumakuense: listed for place name: from Mt.Lumaku, Borneo. cf. *Dendrochilum lumakuense* J.J.Wood 1994.
lumbaquiense: from Lumbaqui (village), Sucumbíos Prov., Ecuador. cf. *Epidendrum lumbaquiense* Hágsater & Dodson 1999.
lumbriciforme: ref. *lumbricus*: earth-worm + form; shape. cf. *Bulbophyllum lumbriciforme*.
lumbricosa: to do with an earth-worm (+ see -osa). cf. *Stelis lumbricosa*.
luminosa: ref. *lumen*: light + see -osa: full of light (seems to glow). + See next entry. cf. *Lycaste luminosa*.
luminosus: descwd., lit., full of light; very bright, shiny, etc.
lunaris: moon + see -are: of, etc.(; crescentic?). cf.. *Lepanthes lunaris*.
lunata: see lunate. cf. *Cryptarrhena lunata*.
lunate: ref. *luna*: the moon + suffix: like; of, etc. Mostly: crescent-shaped; crescentic.
lunatum: as lunate. ex Palawan, Philipp., cf. *Dendrobium lunatum*.
lundiana: as *lundianum*. cf. *Phyllorkis lundiana* (Rchb.f.& Warm.) Kuntze 1891. syn. *Bulbophyllum lundianum*.
lundianum: belonging to Lund. Listed for botanist, Peter Wilhelm Lund (1801-1880). ex Minas Gerais state, Brazil, cf. *Bulbophyllum lundianum*. Rchb.f.& Warm.1881.
lundii: of Lund, see *lundianum*. ex Bolivia to Argentina, cf. *Sophronitis lundii* (Rchb.f.& Warm.) Van den Berg & M.W.Chase 2000.
lunifera: *luni*:- moon, as crescentic + bearing. cf. *Chiloschista lunifera*.
luniferum: as *lunifera*. cf. *Thrixspermum luniferum*. syn. *Chiloschista lunifera*.
luniferus: as *lunifera*. cf. *Sarcochilus luniferus*. syn. *Chiloschista lunifera*.
lunulata: moon + dimin. + like: half-moon, or crescentic. Refs. to the labellum speculum (see "S"). cf. *Ophrys lunulata*.
lupiae: of Lupia, a town of Vicenza, Veneto, Italy. cf. *Ophrys x lupiae* O.& E.Danesch 1972.
lupiensis: from Lupia, see *lupiae*. cf. *Serapias x lupiensis* Medagli et al.1993.
lupula: hops, or hop (vine), see *lupulina*. cf. *Lepanthes lupula*.
lupulina: ref. *lupulus*: hop (vine), or hops (as used in brewing beer) + see -ina: like. Refs. to the inflo. likened to a head of hops (: *Humulus lupulus*). The hop is closely related to hemp (: source of marijuana) and is of the mulberry family, *Moraceae*. cf. *Spiranthes lupulina*. syn. *Dichromanthus aurantiacus*.
Lupulina: as *lupulina*. = *Bulbophyllum* section.
lupulinum: as *lupulina*. cf. *Satyrium lupulinum*.
lupulinus: as *lupulina*. cf. *Elleanthus lupulinus*.
lurida: see *luridus*. cf. *Chelonistele lurida*.
luridum: see *luridus*. cf. *Catasetum luridum*.
luridus: a colour term: a dirty greyish yellowy-brown. + Can be: looking pale and sickly.
luridus: as *luridus*, for the flower colour (but does have some red stripes and blotches). cf. *Phaius luridus*.
luristanica: listed as: belonging to the Luristan mtns., nthn. central Iran. cf. *Ophrys luristanica* Renz 1973. syn. *O. schulzei* Bornm.& Fleischm.1911.

lusciniarum: listed as ref. *luscini*: a nightingale + of; relative to. Ref. the bird, *Luscinia megarhynchos* (: large + beak): the common European nightingale. cf. *Orchis coriophora* var. *lusciniarum*. syn. *Anacamptis coriophora* ssp. *fragrans*.
lushuiensis: for place name: from Lushui (village), westn. central Yunnan, China. cf. *Calanthe plantaginea* var. *lushuiensis* K.Y.Lang & Z.H.Tsi 1987.
lusitanica: Lat'd. spelling for place name: belonging to *Lusitania*: Portugal. This species is noted as ex Serra de Monchique (range). cf. *Epipactis lusitanica* D.Tyteca 1988.
lusitanicum: as *lusitanica*. cf. *Limodorum lusitanicum* J.A.Guim. syn. *L. trabutianum*.
lutambae: listed for place name: of Lutambo, a town of nthn. Mozambique, Africa. cf. *Aerangis lutambae* Mansf.1935. syn. *A. alccornis*.
lutaria: as *lutarius*. cf. *Habenaria lutaria*. syn. *H. kilimanjari*.
lutarius: descwd.: living in muddy places (+ see *lutum*).
lutea: see *luteus*. cf. *Cleistes lutea*. syn. *C. grandiflora*.
lutensis: descwd., listed to be the same as *lutarius*: lives in muddy areas.
luteo-: used in combwds., for the colour: "yellow", generally. ie. Not specific as to shades, but mostly taken as a fairly deep yellow.
luteoalba: yellow + white. cf. *Aerangis luteoalba*.
luteoalbum: yellow + white. cf. *Angraecum luteoalbum*. syn. *Aerangis luteoalba*.
luteoalbus: yellow + white. *Rhaphidorhynchus luteoalbus*. syn. *Aerangis luteoalba*.
luteobracteatum: yellow + bracted. cf. *Bulbophyllum luteobracteatum*.
luteobrunnea: yellow + brown. cf. *Maxillaria luteobrunnea*.
luteobrunneum: yellow + brown. cf. *Camaridium luteobrunneum*. syn. *Maxillaria luteobrunnea*.
luteo-ciliata: yellow + see ciliate, cilia: hairs, etc. cf. *Thelymitra luteo-ciliata*.
luteocilium: yellow + hair. cf. *Dendrobium luteocilium*. Listed as ref. the labellum mid-lobe. syn. *D. pruinsum*. Pers.coll., fairly common ex PM.PNG., but is a disappointment: a large attractive plant with insignificant, drab, paired flowers.
luteococcineum: yellow + red. The flowers are noted as a scarlet-red outside and yellow inside. cf. *Mediocalcar luteococcineum*. syn. *M. agathodaemonis*.
luteoflora: yellow + flower. cf. *Houlletia luteoflora*.
luteograndiflora: yellow + large, etc. + flower. cf. *Maxillaria luteograndiflora*. syn. *M. luteoalba*.
luteola: see *luteolus*. cf. *Diuris luteola*. Noted as endemic to Qld., Aust.
luteolum: pale yellow + see *luteolus*. In the discussion, the flowers are described as: primrose-yellow. cf. *Dendrobium luteolum*.
luteolus: a vague colour term, see *luteo-*: yellow +-ola: dimin.: a paler yellow.
luteopurpureum: yellow + purple. cf. *Octomeria luteopurpureum*.
luteorosea: yellow + rosy (pink). cf. *Encyclia luteorosea*.
luteoroseum: as *luteorosea*. cf. *Epidendrum luteoroseum*. syn. *Encyclia luteorosea*.
luteorubra: yellow + red. cf. *Maxillaria luteorubra*.
luteorubrum: yellow + red. cf. *Ornithidium luteorubrum*. syn. *Maxillaria luteorubra*.
luteria: ref. *luter* (*louter*): a basin, or bath-tub + of. + Ref. *louterion*, listed as the dimin. cf. *Stelis luteria*.

lutescens: yellow + suffix: yellowing; becoming yellow. cf. *Macradenia lutescens*.
luteum: see *luteus*. cf. *Dendrobium pugioniforme* var. *luteum*.
luteus: a vague colour term: a deeper yellow. Listed as “buttercup yellow”. + See *luteo-*.
luteus: see *luteus*. cf. *Cryptochilus luteus*.
lutino: being (almost) a clear yellow, when it should have other colours as well. (Same principle with albino, see “A”).
lutiviridis: yellow + green. Not distinctly two colours, in the discussion the flowers are described as: yellowy-green. cf. *Calanthe lutiviridis*. Noted as endemic to PNG.
lutosus: ref. *lutum* + *-osa*: full of mud; muddy. + Can be a colour term: ochre coloured, as a dirty, yellowy-brown. + See ochraceous.
lutuiflorum: muddy (+ see *lutosus*) + flower. Not growing in mud, but as a muddy colour. cf. *Dendrobium lutuiflorum*.
lutum: descwd.: mud. Not sloppy mud as such, but more as a very damp loamy soil.
luxata: ref. *luxatus*: disjointed; dislocated (?). But, also ref. *luxatus*: excessive; luxurious; extravagant. Should be for the latter, as everything about the plant is excessive: the size, the flowers, the perfume, etc. cf. *Mormodes luxata*.
luxurians: sumptuous; luxurious. cf. *Flickingeria luxurians*.
luzmariana: for place name: Luz María (+ belonging to), Jalisco state, Mexico. cf. *Habenaria luzmariana* R.González 2000.
luzonense: from Luzon island, Philipp. cf. *Dendrobium luzonense* Lindley 1844.
luzonensis: as *luzonense*. cf. *Appendicula luzonensis* Ames 1914.
luzonica: as *luzonense* (with *-ica*: belonging to). cf. *Vanda luzonica* Loher ex Rolfe 1915.
luzoniensis: as *luzonense*. cf. *Phreatia luzoniensis* Rolfe ex Ames 1905.
lyallii: listed for orig.coll., botanist and author, D.Lyall (+ of). ex Otago, NZ., cf. *Caladenia lyallii* Hook.f.1853.
Lycaste: Lindley 1843: another of his fanciful names to express “beauty”, ref. Gk.myth.: Lycaste, was the very beautiful daughter of King Priam of Troy (Phrygia see *phrygia*), Turkey. ex Mexico, eg. *Lycaste crinita*.
lycaste: see *Lycaste*. cf. *Acanthephippium lycaste*. syn. *A. eburneum*.
Lycasteformes: *Lycaste* + shaped.= *Eria* section.
x Lycastenaria: Colman. On the syn. list, cf. *Bifrenaria x Lycaste*.
Lycastinae: *Lycaste* + suffix denotes it's a subtribe.
lycastoides: *Lycaste* + resembling. cf. *Coelogyne lycastoides*.
lychniphora: ref. *lychnus*: lamp; light + bearing. cf. *Masdevallia lychniphora*.
lycia: ref. Lycia, once an ancient country and now (mostly) of Antalya Prov., s.west Turkey. cf. *Ophrys lycia* Renz & Taubenheim 1980.
lyciensis: from Lycia, see *lycia*. cf. *Ophrys lyciensis* Paulus et al 2001.
lycinum: listed as *Lycium* + like: a genus of the nightshade family (*Solanaceae*, not orchids), for some superficial likeness. cf. *Porroglossum lycinum*.
lycocephala: wolf + head. cf. *Lepanthes lycocephala*.
Lycomormium: Rchb.f.1852: ref. *lykos*: wolf + ref. *mormo*: a boogeyman + suffix: like, etc. (quite a scary monster). ex Peru, eg. *Lycomormium elatum*.

lycopodioides: wolf + small foot + resembling. For the shape of the plant, or maybe there was some likeness to the club moss, *Lycopodium* (?), which is not a true moss and more like a fern (more info. see *selaginella*). cf. *Oberonia lycopodioides*.

lydia: refs. to Lydia: an ancient country of Asia Minor (Turkey). cf. *Ophrys* x *lydia* H.Baumann & Künkele 1986.

lydiae: my refs. say: of Lydia (see *lydia*), but, this is listed as ex Bhusuk Valley, Sikkim, India. Either, it's for a lady's given name, or another place name (?). cf. *Liparis lydiae* Lucksom.

lydenburgense: from Lydenburg, a town of Drakensberg, Mpumalanga Prov., eastn. Sth. Africa. cf. *Satyrium lydenburgense* Rchb.f.1881. syn. *S. parviflorum*.

lygeron: ref. *lygeros*: supple; pliant; flexible. Refs. to the rhizome. cf. *Bulbophyllum lygeron*.

lykipiensis: for place name (+ from), listed as ex Tanzania, and/or Kenya, Africa. cf. *Habenaria lykipiensis* Rolfe 1898. syn. *Habenaria altior*.

x *Lymanara*: auct.: of Lyman (may be, as next entry?). On the syn. list, the result of *Aerides* x *Arachnis* x *Renanthera*.

lyman-smithii: listed for phytologist and author, Lyman Bradford Smith [+ of] (b1904). Descs. accr. to him are abbr. to L.B.Sm. ex Brazil, cf. *Pseudolaelia lyman-smithii* R.J.V.Alves 1992. syn. *Epidendrum campestre*.

lymphosa: ref. *lymph*, lit.: water; clear water + see -osa (: watery?). cf. *Lepanthes lymphosa*.

lyncea: ref. *lynxis*, a lynx: animal of the cat family; wildcat. Another exotic way of saying it's spotted, striped, blotched, etc. cf. *Maxillaria lyncea*. syn. *Stanhopea hernandezii*.

lyonii: of Lyon. Listed for noted grower and authoritative collector, W.S.Lyon of Manila, Philipp. cf. *Epigeneium lyonii* (Ames) Summerh.1957.

lyonsii: of Lyons. Listed for noted grower, J.C.Lyons of Ladiston, Eng., first to flower it. ex Cuba to Jamaica, cf. *Schomburgkia lyonsii* Lindley 1853.

lyper-, *lypero-*: used in combwds., ref. *lyperos*: distressing; painful; worrying; difficult, etc.

lyperanthiflorum: see *Lyperanthus* + flower. cf. *Dendrobium lyperanthiflorum*. syn. *D. insigne*. Not sure of the reasoning, the only thing "distressing" about *D. insigne* is the short duration of the beautiful flowers. Pers.coll., see *insigne*.

Lyperanthus: R.Br.1810, ref. *lyperos*: distressing (alluding to the colour: dark and sombre) + flower. eg. *Lyperanthus suaveolens*. Noted as endemic to eastn. Aust.

lyperocephalum: see *lyper-* + head. ex Madagascar, cf. *Bulbophyllum lyperocephalum*.

lyperostachyum: see *lyper-* + spike (the inflo.). cf. *Bulbophyllum lyperostachyum*.

Lyraea: Lindley 1830: ref. *lyra*: lyre (the musical instrument) + of. syn. *Bulbophyllum Thouars*.

lyrata: see lyrate. cf. *Aspasia lyrata*.

lyrate: lyre-shaped; like a lyre. An old stringed musical instrument, like a small hand-held harp. Resembling a "U" (with a fine bridge at the top, for the strings). Of, like, or for anything to do with a lyre, eg. lyrate calli (gathered into a lyriform shape).

lyratum: see lyrate. cf. *Epidendrum lyratum*. syn. *Aspasia lyrata*.

lyriform: having the shape, or form of a lyre. See lyrate.

lyriforme: lyriform. cf. *Dendrochilum lyriforme*. syn. *D. gracile*.

Lyroglossa: Schltr.1920: see lyrate + tongue. eg. *Lyroglossa pubicaulis*.

lyroglossa: see lyrate + tongue. Labellum disc has two ridges and likened to being lyriform. cf. *Calanthe lyroglossa*.

lyroglossum see lyrate + tongue. cf. *Odontoglossum* x *lyroglossum* Rchb.f.1882. syn. *O. x wilckeanum*.

Lysias: Salisb.1812. Reported to be in honour of Gk. orator and statesman, Lysias of Attica (: ancient region of Greece). syn. *Platanthera* Rich.

Lysiella: Rydb.1900: *Lysias* +-ella: dimin. Noted it was likened to a small *Lysias*. eg. *Lysiella obtusata*. syn. *Platanthera obtusata*.

maasii: listed for botanist and author, Paulus Johannes Maria Maas (+ of). ex Colombia, cf. *Brachystele maasii* Szlach.1996.

maasorum: belonging to Maas, see *maasii*. ex Brazil, cf. *Sarcoglottis maasorum* Pabst 1979. syn. *Sarcoglottis metallica*.

mabelae: ex India, cf. *Dendrobium mabelae* Gammie 1903: noted he named it for his wife, Mabel (+ of, also see *Gammieana*). syn. *Dendrobium nanum*.

maboroense: for place name: from the **Maboro** Range, Bowutu Mtns., west of Morobe, eastn. PNG. cf. *Bulbophyllum maboroense* Schltr.1913.

maboroensis: as *maboroense*. cf. *Ceratostylis maboroensis* Schltr.1912.

macahensis: listed for place name: from Macae, a coastal area midway between Rio de Janeiro and Campos, s.east Brazil. cf. *Pleurothallis macahensis* Cogn. syn. *Barbosella macaheensis*.

macaheensis: as *macahensis*.cf. *Barbosella macaheensis* (Cogn.) Luer 2000.

macalpinii for phytologist and author, Bruce McAlpin (+ of). ex Costa Rica, cf. *Lepanthes macalpinii* Luer 1987.

macasense: for place name: from Macas city, Morona Santiago Prov., Ecuador. cf. *Cyrtorchilum macasense* (Dodson) Dalström 2001.

macbridei: listed for botanist and author, James Francis Macbride (1892-1976). Descs. accr. to him are abbr. to: J.F.Macbr. ex Ecuador to Peru, cf. *Epidendrum macbridei* C.Schweinf.1943.

maccarthiae (+ *macarthiae*): listed for Mrs.C.MacCarthy, wife of the Colonial Secretary, the Hon.C.J.MacCarthy. ex Ceylon (now, Sri Lanka). cf. *Dendrobium maccarthiae* Thwaites 1855.

Maccraithia: M.A.Clem.& D.L.Jones 2002. For Mr.Gerald McCraith, + see *macraithii*. syn. *Dendrobium* Sw.

Macdonaldia: Gunn ex Lindley 1840. Listed for noted grower and collector, Mrs.Smith (née MacDonald) of Tas., Aust. eg. *Macdonaldia antennifera*. syn. *Thelymitra antennifera*. Noted as endemic to sthn. Aust.

Macdonaldia: see last entry.= *Thelymitra* section.

macdonaldii: listed for orig.coll., N.MacDonald. ex the New Hebrides, cf. *Glomera macdonaldii* (Schltr.) Ames1933.

macdougallii: listed for phytologist and author, John MacDougall (b1954). ex Mexico, cf. *Oerstedella macdougallii* Hágsater.

macedonica: belonging to Macedonia (: the region, which inc. parts of Yugoslavia, Bulgaria, Albania & Greece). Noted as ex nthn.Greece, cf. *Dactylorhiza macedonica* J.Hölzinger & Künkele 1988.

macer: skinny; poor; meagre, etc. cf. *Cyclopogon macer*.

macera: as *macer*. cf. *Eria macera*.

macfarlanei: noted to be for the Rev.S.M.Macfarlane (+ of). cf. *Dendrobium macfarlanei* F.Muell.1876. This is listed as endemic to New Guinea, but the book I was working on said it was ex nth.Qld., Aust. (?).

macgregorii: listed for orig.coll., R.C.McGregor (+ of). ex Polillo Islands, Philipp., cf. *Malaxis macgregorii* Ames 1911. syn. *M. bancanoides*. + See next entry.

macgregorii: listed for orig.coll., Sir William MacGregor (+ of), Administrator of the Crown Colony of New Guinea 1889, later Governor General of Papua (now, PNG.). ex the Stirling Range, Owen Stanley Mtns., PNG. cf. *Bulbophyllum macgregorii* Schltr.1911. syn. *B. chloranthum*.

machadonis: can't be exact, but is to do with *machairidion*: a kind of small bent sword and should ref. to the leaves. cf. *Sarcanthus machadonis*. syn. *Cleisostoma teretifolium*.

machinazensis: for place name (+ from), only listed as ex Peru. cf. *Maxillaria machinazensis* D.E.Benn.& Christenson 1998.

machupicchuense: see next entry. cf. *Brachionidium machupicchuense* N.Salinas & Christenson 2002.

machupicchuensis: for place name: from (the area of) the famous ruined ancient Inca city of Machu Picchu, Peru. cf. *Baskervilla machupicchuensis* Nauray & Christenson 2001.

macilenta: as *macilentum*. cf. *Habenaria macilenta*.

macilentum: ref. *macilentus*: thin; skinny; lean, etc. Refs. to the plant appearance. cf. *Bulbophyllum macilentum*.

macillenta: could be an error, all my refs. spell it with only one "l", see *macilentum*. cf. *Habenaria macillenta* (? , *macilenta*).

mackaensis: from Maçka, listed as ex Turkey. Have two refs.: a minor city of nthn. Trabzon Prov., and/or a nthn. suburb of Istanbul (?). cf. *Orchis x mackaensis* Kreutz 1989.

mackaiana: belonging to Mackay, see *mackayi*. ex Peru to Brazil, cf. *Eulophia mackaiana* Lindl.1831. syn. *Zygopetalum maculatum*.

mackaii: of Mackay, see *mackayi*. cf. *Zygopetalum mackaii* Hook.1827. syn. *Z. maculatum*.

mackayi: listed for L.Mackay of Trinity College Bot. Garden, Dublin, Ireland, first to flower it. ex Brazil, cf. *Zygopetalum mackayi* Hook.1827.

mackenii: listed for botanist and author, Mark Johnston McKen (1823-1872). cf. *Eulophia mackenii* Rolfe ex Hemsl.1892. syn. *Oeceoclades maculata*.

mackibbinii: listed for orig.coll., J.N.McKibbin of Vic. cf. *Thelymitra x mackibbinii* F.Muell.1881. Noted as endemic to sthn. Aust.

mackinnonii: listed for orig.coll., P.McKinnon (+ of). ex Mussoorie, nthn. India, cf. *Cymbidium mackinnonii* Duthie 1902. syn. *Cymbidium goeringii*.

macmillanii: listed for orig.coll., Thomas McMillan of Vic. cf. *Thelymitra x macmillanii* F.Muell.1865. Noted as endemic to sthn. Aust.

macmorlandii: listed for (English) noted grower, E.McMorland (+ of). ex India, cf. *Aerides macmorlandi* B.S.Williams 1855.

Macodes: Lindley 1840: listed as possibly a contraction of *makros*: long + suffix: resembling. Could be ref. the labellum mid-lobe. ex New Guinea, eg. *Macodes pulcherrima* (: very beautiful. A famous "jewel orchid" [see "J"], highly prized for its leaves).

x *Macodisia*: Garay & H.R.Sweet. On the syn. list, cf. *Ludisia* x *Macodes*.

macowaniana: belonging to MacOwan, see *macowanii*. Listed as ex sthn. Cape Prov., Sth.Africa, cf. *Brachycorythis macowaniana* Rchb.f.1881.

mac-owaniana: as *macowaniana*. cf. *Gyaladenia mac-owaniana* Schltr.1921.

syn..*Brachycorythis macowaniana*.

macowanii: listed for botanist and naturalist, Peter MacOwan [+ of] (1830-1909). ex Malawi, Africa, cf. *Disperis macowanii* Bolus 1885.

macphersonii: for orig.coll., Kenneth Macpherson (+ of) of Proserpine, Qld. cf.

Bulbophyllum macphersonii Rupp 1934. Noted as endemic to nth. Qld., Aust. + See next entry.

macphersonii: for John Alexander Macpherson (+ of) MP. of Vic., Aust. c1869. cf.

Pomatocalpa macphersonii (F.Muell.) T.E.Hunt 1958. Pers.coll., not uncommon ex PM.PNG. + See next entry.

macphersonii: of McPherson. Listed for phytologist and author, Gordon McPherson (b1947). ex Panama, cf. *Trichosalpinx macphersonii* Luer 1997.

macr-, *macro-*: used in compwds., ref. *makros*, (mostly): long. Have noted, sometimes, it can also be: great; large.

macra: long (large?). Noted, the plant is very large, compared to others of its ilk. cf.

Phreatia macra. Listed as endemic to PNG.

Macradenia: R.Br.1822: large + see *aden*: gland, etc. ex Brazil, eg. *Macradenia delicatula*.

x *Macradesa*: auct. On the syn. list, cf. *Gomesa* x *Macradenia*.

macraei: ex Ceylon (: Sri Lanka), c1829. Listed for orig.coll., I.MacRae (or, McRae?) + of. cf. *Bulbophyllum macraei* (Lindl.) Rchb.f.1861.

macraithii: cf. *Habenaria macraithii* Lavarack 1984. Noted as endemic to Qld., Aust. Listed for Gerald McCraith, Chairman, Aust. Orchid Foundation. I had the honour and pleasure of meeting him in PM.PNG. c1972, when he was on a brief stopover. Just after starting my "Vocabulary" I had a major doubt....what if this has been done before....am I going to waste my time? So I 'phoned Mr.McCraith and he said it sounded good and to write to him with an outline, in the meantime he'd check all of his book lists. When he wrote back, he was enthusiastic and said he couldn't find anything, in the style I proposed, that had been written previously. He suggested I contact Mr.David L.Jones, the famous Aust. author, who would be sure to know of other literature and whether or not my project was worthwhile. See notes at *nothofagicola*.

macrandra: see *macr-*+ *man*; male. cf. *Habenaria macrandra*.

x *Macrangraecum*: Costantin. I first thought: large + *Angraecum*. But, it's on the syn. list, cf. *Angraecum* x *Macroplectrum*.

macrantha: see *macr-*+ flower. cf. *Habenaria macrantha*.

macranthera: see *macr-*+ flower, or see anther (?). cf. *Malleola macranthera*.

macrantherum: as *macranthera*. cf. *Saccolabium macrantherum*. syn. *Malleola macranthera*.

macrantherus: as *macranthera*. cf. *Leochilus macrantherus*. syn. *L. oncidoides*.

macranthoides: see *macr-*+ flower + resembling. cf. *Bulbophyllum macranthoides*. Perhaps it was compared to *B. macranthum* (+ *-oides*: resembling?).

macranthum: see *macr-*+ flower. cf. *Bulbophyllum macranthum*. Pers.coll., not uncommon ex PM.PNG.

macranthus: see *macr-*+ flower. cf. *Corybas macranthus*.

macrapora: as *macraporum*. cf. *Ceraia macrapora*. syn. *Dendrobium macraporum*.
macraporum: large + opening; hole, etc. Also could be for "(a) large *Aporum*", as ref. the synonym, *Aporum macraporum* (?). cf. *Dendrobium macraporum*.
macrifolium: see *macr*-+ leaf. Noted that, here, *macr*-: "large" of quantity, as each stem has many leaves. cf. *Dendrobium macrifolium*.
macristhmochila: *macr*-+ *isthm*(os) + *-chila*: long + isthmus (or, neck) + lip. ex Mexico, cf. *Bletia macristhmochila*.
macroblepharis: see *macr*-+ see *blephari*-: long eyelashes. cf. *Cranichis macroblepharis*.
macrobotryum: see *macr*-+ *botry*-: raceme; bunch, etc. cf. *Epidendrum macrobotryum*. syn. *E. cnemidophorum*.
macrobracteata: see *macr*-+ *bracteate*; bracted. cf. *Orchis latifolia* var. *macrobracteata*. syn. *Dactylorhiza cordigera*.
macrobulbon: see *macr*-+ bulb. cf. *Thelasis macrobulbon*.
macrobulbosa: see *macr*-+ see *bulbose*. cf. *Laelia macrobulbosa*.
macrobulbum: long (large?) + bulb. cf. *Bulbophyllum macrobulbum*.
Macrobulbum: long (large?) + bulb.= *Bulbophyllum* section.
macrocalymma: large + hood. Ref. the flower's large galea. cf. *Pterostylis macrocalymma*.
Noted as endemic to West.Aust.
macrocardia: see *macr*-+ heart. cf. *Pleurothallis macrocardia*. syn. *P. bivalvis*.
macrocarpa: see *macr*-+ fruit (capsule). cf. *Liparis macrocarpa*. syn. *L. nervosa*.
macrocarpum: see *macr*-+ fruit (capsule). cf. *Catasetum macrocarpum*.
macrocarpus: as *macrocarpa*. cf. *Dendrophyllax macrocarpus*.
Macrocaulis: see *macr*-+ stem; stalk.= *Bulbophyllum* section.
macrocentra: see *macr*-+ spur. cf. *Aerangis macrocentra*.
macrocentrum: see *macr*-+ spur. cf. *Angraecum macrocentrum*. syn. *Aerangis macrocentra*.
Macrocentrum: Phil.1871: see *macr*-+ spur. syn. *Habenaria* Willd.
macrocentrum: long + spur. cf. *Angraecum macrocentrum*. syn. *Aerangis macrocentra*.
macrocephalum: large + head. The "large", has to be (mainly) of quantity, as I noted it has a short capitate inflo., which can have close to 100 (small) flowers in the "head".
cf. *Agrostophyllum macrocephalum*.
macrocera: see *macr*-+ horn. cf. *Monadenia macrocera*. syn. *Disa rufescens*.
macroceras: see *macr*-+ horn. cf. *Bulbophyllum macroceras*.
macroceratitis: see *macr*-+ horned; horn-like + swollen, or of, relative to. cf. *Habenaria macroceratitis*.
macrochila: see *macr*-+ lip. cf. *Malaxis macrochila*.
macrochilum: see *macr*-+ lip. cf. *Bulbophyllum macrochilum*.
Macrochilus: Knowles & Westc.1837: see *macr*-+ lip. syn. *Miltonia* Lindl.
macrochlamys: see *macr*-+ cape; cloak. cf. *Stelis macrochlamys*.
Macrocladae: see *macr*-+ branch; shoot, etc. Listed as refs. to the *ramicauls*. = *Lepanthes* section. syn. *Lepanthes* subgenus *Lepanthes* section *Lepanthes*.
Macrocladium: see *macr*-+ sprout; branch; shoot.= *Dendrobium* section.
macroclavia: see *macr*-+ club. cf. *Caladenia macroclavia*. Noted as endemic to Sth.Aust.
macroclavium: see *macr*-+ club + of. cf. *Calonema macroclavium*. syn. *Caladenia macroclavia*.

Macroclinium: Barb.Rodr.ex Pfitz.1889: see *macr*-+ ref. *klinion*: small bed. Ref. the clinandrium. ex Brazil, eg., *Macroclinium roseum*.

Macroclinium: as last entry.= *Notylia* section.

macroclinium: as *Macroclinium*. cf. *Epidendrum macroclinium*.

macrocoleum: see *macr*-+ ref. *culeus*, *coleus*: a sheath; small leather bag; scrotum. Alluding to the sheathing bracts, cf. *Bulbophyllum macrocoleum*.

macrocorys: see *macr*-+ helmet; hood. cf. *Disperis bolusiana* ssp.*macrocorys*.

macrocyphum: see *macr*-+ ref. *kyphos*: hump; bend. cf. *Epidendrum macrocyphum*.

macrodactyla: see *macr*-+ digit; finger. cf. *Habenaria macrodactyla*.

macrodon: see *macr*-+ tooth. Ref the anther-cap. cf. *Sarcanthus macrodon*. syn. *Cleisostoma discolor*.

macrodonax: large + cane; reed, etc. cf. *Epidendrum macrodonax*. syn. *E. frigidum*.

macrogastrium: see *macr*-+ belly; stomach + like, etc. cf. *Epidendrum macrogastrium*.

macrogenia: see *macr*-+ kind; type. cf. *Masdevallia macrogenia*.

macrogenion: as *macrogenia*, or ref. *macr*-+ *geneion*: chin. cf. *Dendrobium macrogenion*.

macrogenium: as *macrogenia*. cf. *Dendrobium macrogenium*.

macroglossa: see *macr*-+ tongue. cf. *Masdevallia macroglossa*.

macroglossum: see *macr*-+ tongue. cf. *Catasetum macroglossum*.

macroglossus: see *macr*-+ tongue. cf. *Acianthus macroglossus*. Listed, ex New Caledonia.

macroglottis: see *macro*-+ see *-glotta*: tongue, or throat (?). cf. *Telipogon macroglottis*.

Macrolepis: A.Rich.1833: long (large?) + scale. Ref. the bracts. syn. *Bulbophyllum Thouars*.

macrolepis: as last entry. cf. *Bulbophyllum macrolepis*. syn. *B. longiscapum*.

macroloba: see *macr*-+ lobe. cf. *Coelogyne macroloba*. syn. *C. gibbifera*.

macrolobum: long + lobe. Listed as refs. to the epichil of the lip. cf. *Dendrobium macrolobum*. syn. *Cadetia macroloba*.

macronectar: see *macr*-+ see nectar. Refs. to a nectary, or *macro*- could be an emphasis: it produces a lot of nectar (?). cf. *Habenaria macronectar*. + See nectar, nectary.

macronyx: see *macr*-+ see *onyx* (?). It's also possibly: *macro*-+ *nyx* (: as a prickly; thorn, etc. ref. *nyxis*). cf. *Oncidium macronyx*.

macropetala: see *macr*-+ petals. cf. *Polystachya macropetala*. syn. *P. dendrobiiflora*.

macropetalum: see *macr*-+ petals. cf. *Oncidium macropetalum*. syn. *O. micropogon*.

macropetalus: see *macr*-+ petals. cf. *Peristylus macropetalus*. syn. *Benthamia madagascariensis*.

macrophylla: see *macr*-+ leaf. cf. *Thelymitra macrophylla*. Noted as endemic to West.Aust.

Macrophyllae: see *macr*-+ leaves.= *Lycaste* section.

macrophylloides: see *macr*-+ leaf + resembling. cf. *Phreatia macrophylloides*. syn. *Phreatia micrantha*.

macrophyllum: see *macr*-+ leaf. cf. *Dendrobium macrophyllum*. Pers.coll., not uncommon ex PM.PNG.

macrophyllus: see *macr*-+ leaf. cf. *Psilochilus macrophyllus*.

macrophysa: see *macr*-+ ref. *physa*: bellows; bladder; bubble. cf. *Cystorchis macrophysa*.

macrophyta: see *macr*-+ plant. cf. *Pleurothallis macrophyta*.

macropectra: see *macr*-+ spur. cf. *Galeandra macropectra*.
macroplectron: see *macr*-+ spur. cf. *Comparettia macroplectron*.
Macropectrum: Pfitzer 1889: large, or long + spur. syn. *Angraecum* Bory.
macropoda: see *macr*-+ foot. cf. *Lepanthes macropoda*. syn. *L. nanegalensis*.
Macropodanthus: L.O.Williams 1938: long + foot + flower. Ref. the long column-foot. ex Borneo, eg. *Macropodanthus membraniferus*.
macropodia: see *macro*-+ foot; footed. cf. *Epipactis macropodia*. syn. *E. atrorubens*.
macropodium: long + foot. Ref. the peduncle. cf. *Epigeneium macropodium*.
macropogon: see *macr*-+ beard. cf. *Lycaste macropogon*. syn. *L. lasioglossa*.
macroptera: see *macr*-+ wing. cf. *Pterichis macroptera*.
macropterum: see *macr*-+ wing. cf. *Oncidium macropterum*. syn. *O. reflexum*.
macropterum: see *macr*-+ wing. cf. *Oncidium macropterum*. syn. *O. micropogon*.
macropus: see *macr*-+ foot. cf. *Dendrobium macropus*.
macrorchis: see *macr*-+ testes. Ref. the tuberoids. cf. *Habenaria macrorchis*. syn. *Bonatea antennifera*.
macrorhinum: see *macr*-+ ref. *rhine*: a file (tool), or ref. *rhinos*: nose (?). Ref. the hypochil. cf. *Pedilochilus macrorhinum*. Noted as endemic to Papua, Indon.
macrorhiza: long + roots. cf. *Eulophia macrorhiza*.
macrorhizon: see *macr*-+ roots. An unusual holo-saprophyte. cf. *Cymbidium macrorhizon*.
macrorhizos: see *macr*-+ roots. cf. *Pachyrhizantha macrorhizos*. syn. *Cymbidium macrorhizon*.
macrorhopalon; see *macr*-+ club(s). Ref. the paleae at the petal stumps. cf. *Bulbophyllum macrorhopalon*.
macrorhyncha: see *macr*-+ ref. *rhynchos*: snout; beak. cf. *Zeuxine macrorhyncha*.
macrorhynchia: as *macrorhynchium*. cf. *Microcoelia macrorhynchia*.
macrorhynchium: see *macr*-+ snout; beak + suffix: characteristic of. cf. *Encheiridion macrorhynchium*.
macrorhynchum: see *macr*-+ snout; beak. Ref. the anther. cf. *Taeniophyllum macrorhynchum*.
macrorrhynchia: as *macrorhynchium*. cf. *Microcoelia macrorrhynchia*.
macrorrhynchium: as *macrorhynchium*. cf. *Angraecum macrorrhynchium*. syn. *Microcoelia macrorhynchia*.
macrosepala: see *macr*-+ sepal. cf. *Porrhachis macrosepala*.
macrosepalus: see *macr*-+ sepal. cf. *Sarcochilus macrosepalus*. syn. *Porrhachis macrosepala*.
macrospilum: see *macr*-+ ref. *spilos*: speck; dot; spot; stain. cf. *Odontoglossum* x *macrospilum* Rchb.f.
macrostachya: see *macr*-+ spike. cf. *Eulophia macrostachya*. syn. *E. pulchra*.
macrostachyon: long + spike. cf. *Aerides macrostachyon*. syn. *Beclardia macrostachya*.
macrostachys: long + spike. Ref. the inflo. cf. *Oberonia macrostachys*.
macrostachyum: see *macr*-+ spike. cf. *Prasophyllum macrostachyum*. syn. *P. australe*. Noted as endemic to s.east Aust.
macrostachyus: see *macr*-+ spike. cf. *Bothriochilus macrostachyus*.
macrostele: see *macr*-+ base; stand (: column?). cf. *Habenaria macrostele*.
macrostelis: as *macrostele*. cf. *Neottia macrostelis*. syn. *N. nidus-avis*.

macrostigma: see *macr*-+ see *stigma*. cf. *Dendrobium macrostigma*.

macrostoma: see *macr*-+ mouth. cf. *Oxystophyllum macrostoma*. syn. *Dendrobium aloefolium*.

Macrostomium: Blume 1825, see *macr*-+ mouth + suffix: characteristic of. Ref. the flower appearance. eg. *Macrostomium aloefolium*. syn. *Dendrobium aloefolium*.

Macrostomum: Benth.& Hook.f.1883: see *macr*-+ mouth. syn. *Dendrobium* Sw.

Macrostylidia: could be: *macr*-+ style (: column) + resembling. Or, -stylidia is for the stylids, see stelidia (?).= *Bulbophyllum* section.

Macrostylis: Breda 1827: long (large?) + column. eg. *Macrostylis disticha*. syn. *Corymborkis veratrifolia*.

macrostylis: see *macr*-+ see style: column. cf. *Caladenia macrostylis*. Noted as endemic to s.west Aust.

macrotaenium: see *macr*-+ ribbon; band. Probably ref. the roots. cf. *Taeniophyllum macrotaenium*.

macrothyrsoides: see *macr*-+ staff + resembling. cf. *Epidendrum macrothyrsoides*. May have been likened to *E. macrothyrsus*, see next entry.

macrothyrsus: see *macr*-+ staff (see *thyrs*-). cf. *Epidendrum macrothyrsus*. syn. *E. compressum*.

macrotis: see *macr*-+ eared. cf. *Malaxis macrotis*.

macrotyle: see *macr*-+ see *tyle*. cf. *Caucaea macrotyle*.

macrotyls: my sources say this is the same as *macrotis*, refs. to the relatively large auricles. cf. *Prasophyllum macrotyls*. Noted as endemic to West.Aust.

Macrourea: long + tail.= *Angraecum* section.

macrourea: long + tail(s). cf. *Lepanthes macrourea*. syn. *L. mucronata*.

Macroureis: long + tail(s?).= *Bulbophyllum* section.

macrourem: long + tail(s). Ref. the sepals. cf. *Bulbophyllum macrourem*.

macrum: large. cf. *Dendrobium macrum**. From a very brief description, the only thing "large" remarked upon, are the labellum lateral lobes. *syn. *Dendrobium isochiloides*.

macrura: *macr*-+*ura*: long, or large + tail(s). cf. *Habenaria macrura*.

Macrura: (Kraenzl.) Szlach.& Sawicka 2003: as *macrura*. syn. *Habenaria* Willd.

Macrurae: (those with) long tails.= *Habenaria* section.

macruroides: see *macrura* + resembling, or was likened to *Habenaria macrura* (?). cf. *Habenaria macruroides*.

macuconensis: for place name (+ from), listed as ex Minas Gerais state, Brazil. Noted quite a few villages called Macuco (?). cf. *Pleurothallis macuconensis* Barb.Rodr.1881.

maculata: see maculate. cf. *Diuris maculata*. Noted as endemic to Aust.

maculate: ref. *macula*: spot; stain; mark, + ref. *maculatus*: having spots, spotted with larger dots, or blotches.

maculatiformis: (a) spotted form. cf. *Dactylorhiza x carnea* ssp.*maculatiformis*.

maculatum: see maculate. cf. *Oncidium maculatum*. syn. *Rhynchochilus maculata*.

maculatus: see maculate. cf. *Peristylus maculatus*. syn. *Neotinea maculata*.

maculifer: spots + bearing. cf. *Peristylus maculifer*.

maculifera: spots + bearing. cf. *Habenaria maculifera*. syn. *Peristylus maculifer*.

maculigera: spots + bearing. cf. *Masdevallia maculigera*. syn. *M. triangularis*.

maculomarronina: *maculo-*, see *maculate*: spotted+ see *marroninus*: maroon (colour). cf.

Disa x *maculomarronina* McMurtry 1984.

maculosa: as *maculosus*. cf. *Aerides maculosa*.

maculosissima: as *maculosus* + emphatic suffix: very, etc. cf. *Diuris maculosissima*. syn.

Diuris platichila. Noted as endemic to eastn. Aust.

maculosum: see *maculosus*. cf. *Bulbophyllum maculosum*.

maculosus: descwd.: with many, full of, or well marked with spots; blotches, etc.

macvaughiana: belonging to McVaugh. For botanist and author, Rogers McVaugh

(b1909). Listed as ex Michoacán, Mexico, cf. *Habenaria macvaughiana* R.González 1997.

madagascarica: belonging to Madagascar. cf. *Brownleea madagascarica* Ridley 1886. syn. *B. caerulea*.

madagascariense: from Madagascar. cf. *Angraecum madagascariense* (Finet) Schltr.1918.

madagascariensis: from Madagascar. cf. *Calanthe madagascariensis* Rolfe ex Hook.f.1901.

maderensis (also noted, *madeirensis*): for place name: from Madeira Islands, off west coast, Africa. cf. *Orchis maderensis* Summerh. syn. *Dactylorhiza foliosa*.

madida: ref. *madidus*: moist; damp; sodden; sticky. cf. *Maxillaria madida*.

madidum: as *madida*. Could be for its habitat, in moist hollows of trees. + Noted it also has a preference for growing within clumps of elkhorn and staghorn ferns, so its roots can penetrate the very moist decaying pulp. Is also reported to have a moist glandular excrescence of the labellum, as an enticement to an insect pollinator. cf. *Cymbidium madidum*. Noted as endemic to eastn. Aust.

Madisonia: Luer 2004: of Madison, see *madisonii*. syn. *Pleurothallis* R.Br.

madisonii: listed for botanist and author, Michael Madison (+ of). ex Ecuador, cf. *Pleurothallis madisonii* Luer 1979.

madonnae: this could also be for a place name (+ of), but noted the author was Dr.Rolfe, so again it's probably, simply for "beauty". Ref. Madonna: the biblical Virgin Mary. cf. *Dendrobium madonnae* Rolfe 1903. syn. *D. rhodostictum*.

madrasense: for place name: from Chennai city (aka. **Madras**), eastn. Tamil Nadu, India. cf. *Dendrobium madrasense* A.D.Hawkes. syn. *D. aphyllum*.

madrense: from Sierra Madre del Sur (mnts.), s.east of Mexico City. cf. *Lemboglossum madrense* (Rchb.f.) Halb.1984.

madrensis: as *madrense*. cf. *Spiranthes madrensis* (Rchb.f.) Hemsley 1884. syn. *Dichromanthus michuacanus*.

maduroi: could be for a person's name (+ of), but also ref. El Maduro (village) Cundinamarca Department, Colombia (?). cf. *Pleurothallis maduroi* Luer 1997.

maduroana: belonging to Maduro, see *maduroi*. cf. *Coryanthes maduroana* G.Gerlach.

Maelenia: Dumort.1834. Listed for Belgian horticulturists and nurserymen, Van der Maelen brothers. syn. *Cattleya* Lindl.

maesta: ref. *maestus*: sad; dismal; gloomy, etc. cf. *Eulophia maesta*. syn. *E. pyrophila* (: loves fire, of interest see *pyrophila*).

maestus: as *maesta*. cf. *Lissochilus maestus*. syn. *Eulophia pyrophila*.

mafindensis: listed as: from the Mafinga Mtns., Malawi and Zambia, Africa. cf. *Polystachya mafindensis* P.J.Cribb 1983.

magaense: for place name (+ from), listed as ex Sabah, Borneo. cf. *Dendrochilum magaense* J.J.Wood 1994.

magdalenae: most refs. say this is for the biblical Mary Magdalene, for its purity, because the flowers are "white". However, I noted the orig.coll. is credited to a Ms.**Madeleine** Durchud and I think the specep. is more likely for the lady's given name (Lat'd.). Ref. Madeleine; Madeline; Magdalen(e), is ex Hebrew: belonging to Magdala and the Latin spelling is **Magdalenae** (: of Magdala). ex Madagascar, cf. *Angraecum magdalenae* Schltr.& H.Perrier 1925.

magdalenae: is only listed as ex Colombia. Ref. the Magdalena River, or the Magdalena Department (? + of). cf *Encyclia magdalenae* Withner 2000. + See next entry.

magdalenense: this is the listed spelling (+ from) and it's noted as ex Rio de Janeiro state. Have only the one ref.: Santa Maria **Madalena** (Magdalena ?), a city of eastn. Rio de Janeiro state, Brazil. cf. *Epidendrum magdalenense* Porto & Brade 1935. + See *st.-magdalenensis* at "S".

magdalenensis: as *magdalenense* (?), only listed as ex Brazil. cf. *Habenaria magdalenensis* Hoehne 1937.

magellanica: refs. to the Strait of Magellan (+ belonging to). The plant is listed as first found near Punta Arenas, sthn.Chile. cf. *Chloraea magellanica* Hook.f.1846.

magi-: used in combwds. as an emphasis, ref. *magis*: more.

magistratus: I thought: stern; austere, etc., like a magistrate, and/or, ref. *magistratus*: a high official (ie., maybe it should have a high status in the orchid community?). Also, could be ref. *magi*-+ *stratus*: more + layered, for its many tubular sheaths and leaf bases (?), or *magi*-+ see *-strata*. ex New Guinea, cf. *Dendrobium magistratus*.

magn-, *magni-*: used in combwds., ref. *magnus*: big; large; great; grand, etc. To save much repetition, I mostly say it's either big, or large.

magna: ref. *magnus*, see *magn-*: big, etc. cf. *Dactylorhiza magna*.

magnadenia: large + see *aden* + of. cf. *Microtis magnadenia*. syn. *M. rara*. Noted as endemic to eastn. Aust.

magnanthera: large + see *anther*, but also could be for the flowers (as, *anthera*: flowery, etc.). cf. *Thelymitra magnanthera*.

magnessa: listed as ex Thessaly, Greece and may ref. to Magnesia (? : an admin. division). cf. *Ophrys x lydia* nothosubsp.*magnessa* H.Baumann & Künkele 1986.

magnibracteata: large + bracted. cf. *Eria magnibracteata*. syn. *E. rolfei* J.J.Sm.1909.

magnibracteatum: large + bracted. cf. *Bulbophyllum magnibracteatum*.

magnibracteum: large + bract + like, etc. cf. *Epidendrum magnibracteum*.

magnicalcar: large + spur. cf. *Rhipidoglossum magnicalcar*.

magnicalcarata: large + spurred. cf. *Bifrenaria tyriantha* var. *magnicalcarata*.

magnicalcaratum: large + spurred. cf. *Bifrenaria magnicalcaratum*.
magnicallosa: with large calli. cf. *Eria magnicallosa*.
magnicallosum: with large calli. cf. *Epidendrum magnicallosum*. syn. *Encyclia magnicallosa*.
magnicallosus: with large calli. cf. *Elleanthus magnicallosus*.
magnicamporum: ref. *magni*-+ *camp*-+*-orum*: great + plain + of. A clever specep., as it tells where it comes from: ref. the Great Plains region, mid-west USA.. cf. *Spiranthes magnicamporum* Sheviak 1973.
magnicava: see *magni*-+ cavity; hollow; depression, etc. cf. *Stelis magnicava*.
magniclavata: large + clubbed (+ see club). cf. *Caladenia magniclavata*. Noted as endemic to s.west Aust.
magniclavatum: as *magniclavata*. cf. *Calonema magniclavatum*. syn. *Caladenia magniclavata*.
magnicolumna: large + column. cf. *Galeandra magnicolumna*.
magnicristata: large + crested. cf. *Eulophia magnicristata*.
magnifica: ref. *magnificus*: noble; splendid; large and imposing, etc. cf. *Caladenia magnifica*. Noted as endemic to Vic., Aust.
magnificum: see *magnificus*. cf. *Dendrobium jonesii* var. *magnificum*.
magnificus: can be for many superlatives as: magnificent; noble; grand; splendid, etc. cf. *Telipogon storkii* ssp. *magnificus*.
magniflora: large + flower. cf. *Ophrys magniflora*. syn. *O. bertolonii*.
magniflorus: large + flower. cf. *Phaius magniflorus*.
magnifovea: large + see fovea: pit; dent, etc. cf. *Microstylis magnifovea*. syn. *Malaxis robinsonii*.
magnifoveum: as *magnifovea*. cf. *Crepidium magnifoveum*. syn. *Malaxis robinsonii*.
magnilabre: large + lip. cf. *Diplocaulobium magnilabre*.
magnipetala: large + petals. cf. *Pleurothallis magnipetala*.
magnirostris: large + beak. cf. *Habenaria magnirostris*.
magniscutata: large + *scuta*: platter; plate; tray + like; having. Or, *magni*-+ *scutate*: rounded, like a buckler; shield-shaped (I didn't know there was such a word). cf. *Habenaria magniscutata*.
magnispatha: large + see spathe. cf. *Prosthechea magnispatha*.
magnispathatum: large + spathe + like; having. cf. *Epidendrum magnispathatum*. syn. *Prosthechea magnispatha*.
magnivaginum: large + sheathed. cf. *Bulbophyllum magnivaginum*. syn. *B. gibbosum*.
magnocalcarata: large, etc.+ spurred. cf. *Dactylorhiza fuchsii* var. *magnocalcarata*. syn. *D. fuchsii*.
magnoliae: for place name (+ of) and there are many called Magnolia. This species is listed from s.east USA. to n.east Mexico. cf. *Epidendrum magnoliae* Muhl.1813.
magnum: see *magn*-: big, etc. cf. *Pterygodium magnum*.
maguanense: for place name: from Anping (aka. **Maguan**), sthn. Yunnan Prov., China. cf. *Cymbidium maguanense* F.Y.Liu 1966. syn. *C. mastersii*.
maguirei: listed for botanist and author, Basset Maguire [+ of] (1904-1991). ex Brazil, cf. *Bifrenaria maguirei* C.Schweinf.1959.

magyari: of Magyar, ref. *Magyar Köztársaság*: the country of Hungary. + Ref. Magyar: the language spoken by many Hungarians. Obviously, the spec. refs. to where this species was found. cf. *Orchis x magyari* Soó.

mahakamense: from the Mahakam River, originates in Sarawak, flows through Kalimantan Timur to the east coast, Borneo. cf. *Bulbophyllum mahakamense* J.J.Sm.1909.

mahavavense: for place name: from the Mahavavy River area, n.west Madagascar. cf. *Angraecum mahavavense* H.Perrier1938.

mahawoensis: for place name (+ from), listed as ex Sulawesi, Indon. cf. *Oberonia mahawoensis* Schltr.1911.

maheense: listed for place name: from Mahe Island, largest of the Seychelles group, off east Africa. cf. *Angraecum maheense* Schltr.ex Diels 1922. syn. *Angraecum zeylanicum*.

maianthemifolia: listed as refs. to a genus, *Maianthemum* (: mayflower) of the lily family, Liliaceae + leaf. cf. *Malaxis maianthemifolia*.

maideniana: belonging to Maiden. For Aust. author, phytologist and Govt. Botanist, Joseph Henry Maiden (1859-1925). Was Director of the Sydney Bot.Gardens 1896-1924. cf. *Cadetia maideniana* (Schltr.) Schltr.1912. Noted as endemic to nth. Qld., Aust.

maidenianum: as *maideniana*. cf. *Dendrobium maidenianum* Schltr.1905. syn. *Cadetia maideniana*.

maijenense: listed for place name: from Maijen River, Madang area, PNG. cf. *Bulbophyllum maijenense* Schltr.1913.

maingayi: of Maingay. Listed for orig.coll., botanist and author, Alexander Carroll Maingay (1836-1869). ex Malaya, cf. *Thecopus maingayi* (Hook.f.) Seidenf.1984.

maireae: as *mairei*. ex Tanzania, cf. *Aerangis maireae* la Croix & J.Stewart 1998.

maireana: as *mairei*. ex the Himalayas to Siberia, cf. *Orchis maireana* H.Lév. syn. *Ponerorchis chusua*.

mairei: of Maire. Listed for botanist and author, René Charles Joseph Ernest Maire (1878-1949). ex Yunnan Prov., China, cf. *Cephalanthera mairei* Schltr.1919.

maizifolium: ref. maize (corn) + leaf. cf. *Oncidium maizifolium*.

majaijensis: listed as: from Mt.Majaijai, Luzon. Can't locate it, but noted Majayjay (village), near Mt.Banahao, Luzon Island, Philipp. (?). cf. *Vanilla majaijensis* Blanco 1845. syn. *V. ovalis*.

majale: ref., *maius*, *majus*: month of May + suffix: of, etc. cf. *Lemboglossum majale*. syn. *Rhynchochilus majalis*.

majaliformis: see *majalis* + form. Perhaps it was compared to *Dactylorhiza majalis* (?). cf. *Dactylorhiza purpurella* ssp.*majaliformis*. syn. *D. majalis* ssp.*cambrensis*.

majalis: same as *majale*. Or, one ref. source says it means: rendering (?). Most refs. define it as: of the month of May (: *majus* +*-alis*, see *-ale*), for when it flowers. cf. *Dactylorhiza majalis*.

majanthemifolia: ref. *Maianthemum*, commonly: mayflower (a genus of the lily family: Liliaceae), + *folia*: leaf. cf. *Malaxis majanthemifolia*.

major: ref. *maior*: major; greater; larger, etc. cf. *Caleana major*. Noted as endemic to Aust.
majellensis: for place name (+ from). Among many countries, is listed as ex Italy and
 may ref. to La Maiella (mtn. range), and/or N.P.della Maiella (N.Park). cf. *Ophrys*
majellensis. syn. *O. sphegodes*.
Majores: larger. Ref. the plant's habit.= *Octomeria* section *Octomeria* subsection *Majores*.
 syn. *Octomeria* section *Octomeria* subsection *Octomeria*.
majoriflora: see *major* + flower(s?). cf. *Benthamia majoriflora*.
majubensis: from the location notes, it's for a place name (Majuba? + from), of n.west
 KwaZulu-Natal, sth. Africa. There is a major city, of this name, in the
 neighbouring Eastern Cape Prov.(?). cf. *Holothrix majubensis* C.& R.H.Archer.
majungensis: from Majunga, now Mahajanga, a major town and seaport of n.west
 Madagascar. cf. *Disperis majungensis* Schltr.1924.
majus: great; large, etc. cf. *Dendrobium majus*. syn. *Cadetia quinqueloba*.
makakense: for place name: from Makak (town, or village), of which there are six in
 Cameroon and one in Congo, Africa. cf. *Bulbophyllum makakense* J.B.Hansen 1959.
 syn. *B. colubrinum*.
makasin: there wasn't any comment on this specep. I am sure it's a novel (or, phonetic?)
 way of spelling "moccasin": a soft leather shoe, of some American Indians. Ref.
 the slipper-like lip. Also, noted it is colloquially known as the "moccasin flower".
 ex nthn. USA., cf. *Cypripedium makasin* Farw.1918. syn. *Cypripedium parviflorum*.
makinoana: belonging to Makino. For botanist and author, Tomitaro Makino (1862-1957).
 ex Korea, cf. *Liparis makinoana* Schltr.1919.
makinoanum: as *makinoana*. cf. *Cirrhopetalum makinoanum* Schltr.1919. syn. *Bulbophyllum*
macraei.
makinoi: of Makino, see *makinoana*. ex Japan, Korea, etc. cf. *Oberonia makinoi* Masam.1934.
 syn. *O. japonica* (Maxim.) Makino 1891.
makoyanum: listed for Messrs. Makoy (+ belonging to), nurserymen of Borneo. cf.
Bulbophyllum makoyanum (Rchb.f.) Ridl.1907.
malabarica: for place name: belonging to Malabar (Coast), s.west India. cf. *Ipsea*
malabarica (Rchb.f.) Hook.f.1890.
malabaricum: as *malabarica*. cf. *Pachystoma malabaricum* Rchb.f.1862. syn. *Ipsea malabarica*.
malabaricus: as *malabarica*. cf. *Podochilus malabaricus* Wight.
malacanthum: ref. *malakos*: soft (to touch) + flower. cf. *Dendrobium malacanthum*.
malaccense: for place name: from Malacca. Once the Kingdom of Malacca included the
 entire Malay Peninsula and is now Melaka state, s.west Malay Peninsula. cf.
Ceratostylis malaccense Hook.f.
malaccensis: as *malaccense*. cf. *Lecanorchis malaccensis* Ridl.1893.
malachadenia: ref. *malakos*: soft + see *aden* + of. cf. *Bulbophyllum malachadenia*.
Malachadenia: Lindley 1839: as *malachadenia*. syn. *Bulbophyllum* Thouars.
malachantha: soft + flower. cf. *Pleurothallis malachantha*.
malacophylla: soft + leaf. cf. *Habenaria malacophylla*.
maladroxiensis: for place name(+ from), listed as ex Sardinia (island), Italy. cf. *Ophrys* x
maladroxiensis Scrugli, Todde & Cogoni 1992.

malaitense: from Malaita Island(s), part of the country of the Solomon Islands. cf. *Dendrobium malaitense* Rolfe 1921. syn. *D. kietaense*.
malangana: as *malangensis* with different suffix: belonging to. cf. *Eulophia malangana* (Rchb.f.) Summerh. 1956.
malanganus: as *malangana*, see *malangensis*. cf. *Lissochilus malanganus* Rchb.f. 1882. syn. *Eulophia malangana*.
malangeanum: see *malangensis* (with different suffix: belonging to). cf. *Angraecum malangeanum* Kraenzl. syn. *Calyptrochilum christyanum* (Rchb.f.) Summerh.
malangensis: for place name: from Malange (: Malanje), city, or the village of Malange, Angola, west Africa. cf. *Lissochilus malangensis* Rchb.f. 1881. syn. *Eulophia livingstoneana*.
malawiense: from Malawi, Africa. cf. *Bulbophyllum malawiense* F. Morris 1968. syn. *B. elliotii*.
malawiensis: as *malawiense*. cf. *Angraecopsis malawiensis* P.J. Cribb 1983.
Malaxideae: *Malaxis* + suffix denotes it's a tribe.
Malaxidinae: *Malaxis* + suffix denotes it's a subtribe.
Malaxis: Sol. ex Sw. 1778, ref. *malakos*: soft. Ref. the leaves. eg. *Malaxis fimbriata*. this species is listed as endemic to Qld., Aust., but the genus (in the distribution) is noted as "cosmopolitan".
Malaxis: as last entry. = *Malaxis* section.
malayana: belonging to Malaya; Malay Peninsula. cf. *Tainia malayana* J.J. Sm. 1932. syn. *Ania borneensis* (Rolfe) Senghas 1984.
malayanum: as *malayana*. cf. *Bulbophyllum malayanum* J.J. Sm. 1912. syn. *B. blepharistes*.
malbesiensis: for place name: from Malbesa (?), Buru Island, Maluku, Indon. cf. *Ceratostylis malbesiensis* J.J. Sm. 1928.
malbrowonii: listed for orig. coll., Malcolm Brown (+ of). cf. *Dendrobium malbrowonii* Dockrill 1967. Noted as endemic to nth. Qld., Aust.
x *Malcolmcampbellara*: auct.: of Malcolm Campbell (?), no further info.). On the syn. list, the result of *Drymoanthus* x *Plectorrhiza* x *Sarcochilus*.
maldonadoe: of Maldonado. May be for a place name, or a person's name (?), only listed as ex Chiapas, Mexico. cf. *Lepanthes maldonadoe* Soto Arenas 2003.
maldonadoanus: belonging to Maldonado, see *maldonadoense*. cf. *Cyclopogon maldonadoanus* Dodson 1993.
maldonadoense: from Maldonado, a town of Carchi Prov., Ecuador. cf. *Epidendrum maldonadoense* Hágsater & Dodson 2001.
maldonadoensis: as *maldonadoense*. cf. *Telipogon maldonadoensis* Dodson & R. Escobar 1998.
maleolens: bad + smelling. cf. *Maxillaria maleolens*.
maliana: belonging to the Malia River, Madang area, PNG. cf. *Nervilia maliana* Schltr. 1911.
malianum: as *maliana*. cf. *Taeniophyllum malianum* Schltr. 1913.
malibaricus: may be an error, for *malabaricus* (?). See *malabarica*. cf. *Polystachya malibaricus*.
malilaensis: from Malila. From the given locations, noted two villages, one of Zimbabwe and the other of Zambia, Africa. cf. *Polystachya malilaensis* Schltr. 1915.

maliliense: from Malili, a town of eastn. Sulawesi Selatan, Sulawesi, Indon. cf.

Dendrobium maliliense J.J.Sm. syn. *Cadetia maliliensis*.

maliliensis: as *maliliense*. cf. *Cadetia maliliensis* (J.J.Sm.) Schuit.1998.

malindangense: from Gunung (Mt.) Malindang, westn. peninsula of Mindanao, Philipp.

The area is now a N.Park. cf. *Dendrochilum malindangense* Ames 1908.

malindangensis: as *malindangense*. cf. *Appendicula malindangensis* (Ames) Schltr.1912.

malintana: belonging to Malinta. Only listed as ex the Philipp., noted three villages on Luzon and one of Visayan (islands). cf. *Habenaria malintana* (Blanco) Merr.1918.

malintangensis: see *malindangense*. cf. *Ceratostylis malintangensis* J.J.Sm.1927.

malipoensis: listed for place name (+ from). By the given locations, may ref. to Ma-li-p' o-shih, (aka., **Malipo**) city, s.east Yunnan Prov., China. Or, nearby in n.west Vietnam, ref. Ma Li Pho village (?). cf. *Calanthe clavata* var. *malipoensis* Z.H.Tsi. syn. *C. clavata*. + See next entry.

malipoensis: another entry as this one is definitely listed as ex Yunnan Prov., China, see last entry. cf. *Coelogyne malipoensis* Z.H.Tsi 1995.

malleifer: ref. *malleus*: hammer + bearing. cf. *Sarcanthus malleifer*.

malleifera: as *malleifer*. cf. *Cheirostylis malleifera*.

malleiformis: hammer + shape. Refs. to the labellum. cf. *Liparis malleiformis*. syn. *L. stricklandiana*.

malleimentum: hammer + mentum: chin. Or see -mentum, which would make the word: "hammered" (?). cf. *Trichotosia malleimentum*.

Malleola: J.J.Sm.& Schltr.1913: ref. *malleus* + dimin.(or, *malleolus*): small hammer. Refs. to the column. ex Sulawesi, eg. *Malleola aberrans*.

malleolabrum: hammer + lip. cf. *Bulbophyllum malleolabrum*.

malmeana: belonging to Malme. Listed for botanist, Gustaf Oskar Andersson Malme (1864-1937). ex Brazil, cf. *Pleurothallis malmeana* Dutra ex Pabst 1959.

malmei: as *malmeana*. cf. *Aspidogyne malmei* (Kraenzl.) Garay 1977.

malmiana: as *malmeana*. ex Brazil, cf. *Sobralia malmiana* Pabst 1979.

maloi: listed for M.Malo (+ of), authority, noted horticulturist and nursery owner (see *sanctae-inesae*). ex Ecuador, cf. *Masdevallia maloi* Luer 1978.

malouana: listed for Jules Malou (+ belonging to), Prime Minister of Belgium (c1873). ex Venezuela, cf. *Cattleya malouana* Linden 1885. syn. *C. lueddemanniana* Rchb.f.

malpighiarum: *Malpighia* + belonging to, see next entry. ex Cuba, cf. *Tetramicra malpighiarum* J.A.Hern.& M.A.Diaz 2000.

malpighiiflorus: ref. *Malpighia*+ flower. The flowers were likened to those of the genus of shrubs and trees: *Malpighia*, family *Malpighiaceae*. Commonly called Acerola; Barbados cherry; West Indian cherry, bearing tart, edible fruit, noted as rich in vitamin C. cf. *Elleanthus malpighiiflorus* Carnevali & G.A.Romero 2000.

maluense: for place name: from Malu (village). There are two with the same name, one each side of the Sepik River, west of Chambri Lake, PNG. cf. *Dendrobium maluense* (Schltr.) J.J.Sm.1934. syn. *Cadetia quadriquetra*.

malvicolor: see *malvinus*: mauve + colour. cf. *Dendrobium malvicolor*.

malvina: see *malvinus*: mauve. Ref. the mauve coloured tufts of hair at the column arms.
cf. *Thelymitra malvina*.

malvinus: a colour term: mauve. Also, lit.: like *Malvus*: a genus of the mallow family (: *Malvaceae*, not orchids), having many shades of pink to purplish flowers.

mamberamense: for place name: from the Mamberamo River area, largest river of Papua, Indon. cf. *Bulbophyllum mamberamense* J.J.Sm.1915.

mamberamensis: as *mamberamense*. cf. *Ceratostylis mamberamensis* J.J.Sm.1929.

mambulilingensis: from Mambuliling village, Sulawesi Selatan, central westn. Sulawesi, Indon. cf. *Malaxis mambulilingensis* (J.J.Sm.) S.Thomas, Schuit.& de Vogel 2002.

mamilla (sing.), *mamillae* (pl.): descwd., + ref. *mammilla* (seems to be spelled either way).
Is from *mamma*: fem. breast + dimin.. Can ref. to female breasts, but usually taken as: (like) a nipple; wart-like projection, or appendage. (+ Ref. Eng.: mammula.)

mamillata: as *mamillatus*. cf. *Liparis mamillata*.

mamillatus: descwd., see *mamilla* + suffix: nipped. Like, or having a nipple-like growth, etc.

mamilliferum: nipple + bearing. cf. *Taeniophyllum mamilliferum*.

mammillata: see *mamilla*, *mamillatus*. cf. *Pleurothallis mammillata*.

mammillifera: see *mamilla* + bearing. cf. *Calcearia mammillifera*. syn. *Corybas mammilliferus*.

mammilliferus: as *mammillifera*. cf. *Corybas mammilliferus*.

mammosa: ref. *mammossus*: (fem.) full-breasted; (with) well developed breasts. Ref. lateral swellings of the labellum. cf. *Ophrys mammosa*.

manabina: for place name: of Manabi Prov., westn. Ecuador. cf. *Notylia manabina* Dodson 1980. syn. *Macroclinium manabinum*.

manabinum: as *manabina*. cf. *Macroclinium manabinum* (Dodson) Dodson 1984.

manacorensis: from Manacor city of Mallorca island, largest of the Balearic Islands, eastn. Spain. cf. *Ophrys* x *manacorensis* H.Baumann & Künkele.

mananjarensis: for place name (+ from), only listed as ex Madagascar. Ref. Mananjary, a town of the sthn. east coast, then there are at least five other places called Mananjara, throughout the island. cf. *Bulbophyllum mananjarensis* Poiss.1912.

manarae: for place name (of Manara?), only listed as ex nthn. Venezuela. cf. *Bulbophyllum manarae* Foldats 1968.

manarana: see *manarae* (+ belonging to). cf. *Masdevallia manarana* Carnevali & I.Ramirez. syn. *M. guyanensis*.

manchurica: for place name: belonging to Manchuria. May be for the historic region of n.eastn. China (now: *Dongbei Pingyuan*), and/or ref Manchuria city (: *Manzhouli*) of Inner Mongolia Autonomous Region (?). cf. *Platanthera manchurica*.

manchuricum: as *manchurica*. Listed as a natcross, cf. *Cypripedium* x *manchuricum* Stapf 1927. syn. *Cypripedium* x *ventricosum*.

mancum: ref. *mancus*: defective; imperfect; maimed. Looks good to me, but is probably for its very small labellum. cf. *Epidendrum mancum*.

mandarina: listed as ex Colombia, it can't be to do with a Mandarin (see *mandarinorum*) and probably refs. to the colour of a mandarin (fruit, like an orange). cf. *Masdevallia mandarina*.

mandarinorum: I thought, perhaps for the colour of a mandarin (fruit, like an orange).

But also ref. Mandarin: an Eng. word for a Chinese high official. It is listed as ex Setschuan Prov., China, so is more likely the latter (+*-orum*: of; belonging to). cf. *Ischnogyne mandarinorum* (Kraenzl.) Schltr.1913.

mandibulare: ref. *mandibula*: the lower jaw (mandible), or either part of a bird's beak, or insect's jaws + suffix: of, etc. cf. *Bulbophyllum mandibulare*.

mandibularis: as *mandibulare*. cf. *Lepanthes mandibularis*. syn. *L. chrysostigma*.

mandoniana: as *mandonii* (+ belonging to). ex Bolivia, cf. *Stelis mandoniana* Schltr.1929.

mandonii: of Mandon. For botanist, Gustav Mandon. ex Peru, cf. *Aa mandonii* (Rchb.f.) Schltr.1912.

mandrakanum: of Mandrake: the common name for a genus of herbs, *Mandragora* (*Solanaceae* family, not orchids). Maybe for some superficial likeness, but most likely is a comparison to their offensive, foetid "perfume", for which Mandrake is esp. noted. cf. *Bulbophyllum mandrakanum* Schltr.1924. syn. *B. coriophorum*. Of interest, see *coriophorum*, which is also noted for its disgusting "perfume".

mandschurica: see *manchurica*. cf. *Neottia nidus-avis* var. *mandschurica* Kom.1901. syn. *N. nidus-avis*.

manengouba: refs. to the Massif du Manengouba (mtn. range), Adamawa Plateau region, Cameroon, Africa. cf. *Polystachya albescens* ssp. *manengouba* W.Sanford 2001.

manganjensis: listed for place name (+ from). May be, ref. Mangango, a town of west Zambia, Africa (?). cf. *Eulophia manganjensis* Rolfe 1897. syn. *E. streptopetala*.

mangiferae: my first guess was very wrong, it doesn't have the mange! It refs. to the Mango tree, orig. native to India, *Mangifera indica* of the family *Anacardiaceae*. Perhaps this species prefers the tree as a host (?). cf. *Taeniophyllum mangiferae*.

mangoroanum: belonging to Mangoro (village), eastn. central Madagascar. cf. *Bulbophyllum mangoroanum* Schltr. syn. *B. ophiuchus*.

manicata: ref. *manicatus*: sleeved, or can be: "wearing long gloves". + In Eng., ref. *manicate*: thickly hairy (?). cf. *Glomera manicata*. Noted as endemic to New Guinea.

manicosa: could be, ref. *manica*: long sleeve (see *manicata*) + see *-osa* (: like, etc.). Or, ref. *manikos*: can be for a boogeyman (to frighten children) or, frenzied; mad. cf. *Pleurothallis manicosa* Luer & R.Escobar 1996.

Maniella: Schltr.1914, see *Manniella*. syn. *Manniella*.

manifestans: manifesting; exhibiting, etc. + ref. *manifestus*: palpable; obvious. Has a long slender, multi-flowered raceme of pretty, showy, mostly purple and white flowers. cf. *Bulbophyllum manifestans*. syn. *B. callichroma* (: beautiful + colours).

manilaliana: belonging to Manilal. For phytologist K.S.Manilal. ex Kerala state, India, cf. *Schoenorchis manilaliana* M.Kumar & Sequiera 2000.

manilense: for place name: from Manila (city), Luzon, Philipp. cf. *Dendrobium manilense* Schauer 1843. syn. *Appendicula cornuta*.

manilensis: as *manilense*. cf. *Appendicula manilensis* (Schauer) Rchb.f.1859. syn. *Appendicula cornuta*.

manipetalum: thought this would be simple, but was very confused by the *-petalum*, as it's not (directly) to do with the petals. I was trying to figure how a petal could possibly be likened to a hand! Eventually found the specep. is mixed Latin and Greek. Ref. *manus*: hand + *-petalum*, see *-petalo-*: broad; wide, etc. cf. *Bulbophyllum manipetalum*. syn. *B. cheiropetalum* (which is the same: hand + broad, etc.).

manipurensis: from Manipur state, eastn. India (borders Myanmar). cf. *Schoenorchis manipurensis* U.C.Pradhan 1978.

manis: lit., ghost; spirit; (departed) soul. cf. *Calanthe manis*. syn. *C. rhodochila* var. *reconditiflora*.

mankiensis: for place name: from the Manki Range, Morobe Prov., PNG. cf. *Corybas mankiensis* P.Royen 1983.

mankunensis: for place name (+ from), listed as ex Guangdong Prov., China. cf. *Calanthe mankunensis* Z.H.Tsi 1981.

manlinensis: listed for place name: from Manline (village), sthn. Vietnam. cf. *Sarcanthus manlinensis* Guillaumin 1956. syn. *Cleisostoma racemiferum*.

Manniella: Rchb.f.1881. For orig.coll., phytologist Gustav Mann + *-ella*: respectful suffix (1836-1916). Explorer, botanist, naturalist and for some years was with the Indian Forestry Department. ex west trop. Africa, cf. *Manniella gustavi* Rchb.f.1881.

mannii: of Mann, see *Manniella*. ex Assam, India, cf. *Phalaenopsis mannii* Rchb.f.1871.

Manobulbon: ref. *manos*: thin; rare + *bulb*. = *Bulbophyllum* section.

manobulbum: as *Manobulbon*. cf. *Bulbophyllum manobulbum*.

Manobulbum: as *Manobulbon*. = *Bulbophyllum* section. syn. *Bulbophyllum* section *Harpobrachium*.

mansfeldiana: belonging to Mansfeld. For botanist and author, Rudolf Mansfeld (1901-1960). Descs. accr. to him are abbr. to: Mansf. ex New Guinea, cf. *Trichotosia mansfeldiana* (J.J.Sm.) P.F.Hunt 1971.

manshurica: listed as Lat'd spelling: belonging to Manchuria (+ see *manchurica*). An old name for a region of n.east China and Inner Mongolia. cf. *Epipactis gigantea* var. *manshurica* Maxim.ex Kom.1901. syn. *Epipactis thunbergii*.

manta: possibly, ex Spanish *manto*: a cloak + see *mantense* (?). cf. *Masdevallia manta*.

mantense: from Manta, a coastal city of central westn. Ecuador. cf. *Oncidium mantense* Dodson & R.Estrada 2003.

mantidopsis: as many *Liparis* flowers are likened to insects, this may be ref. mantids (sing.: **mantid**); mantises (those like a praying mantis) + *-opsis*: appearance (?). ex Vietnam, cf. *Liparis mantidopsis* Szlach.

mantiguyrana: probably phonetic spelling: belonging to Mantiqueira (a city, now: Bom Jardim de Minas), Minas Gerais state, Brazil, and/or see *mantiqueirae*. cf. *Pleurothallis mantiguyrana* Barb.Rodr.1881.

mantinianum: belonging to Martin, see *mantinii*. ex the Philipp., cf. *Acanthephippium mantinianum* L.Linden & Cogn.1896.

mantinianus: as *mantinianum*. cf. *Kalopternix mantinianus* (Rolfe) Garay & Dunsterv.1976. syn. *Epidendrum mantinianum* Rolfe 1892.

mantinii: of Mantin. Listed for noted grower, M.Georges Mantin of Bel Air, France. ex Brazil, cf. *Oncidium mantinii* God.-Leb.1888. syn. *O. pectorale*.

mantiqueirae: for place name: of the Serra da Mantiqueira (mnts.), sthn. Minas Gerais state, Brazil. Also see *mantiguayrana* (?). cf. *Sophrinitis mantiqueirae* Fowlie 1972.

mantiqueranum: see *mantiqueirae* (+ belonging to) cf. *Epidendrum mantiqueranum* Porto & Brade 1940.

mantiquyranum: as *mantiqueranum*. cf. *Pleurobotryum mantiquyranum*. Noted as synonymous to *Pleurothallis* R.Br.

mantis: a strange choice for a specep., lit. means: prophet; seer; diviner. Perhaps the author was showing his frustration, wanting some mystic power to aid in his classification (?). Also, see *mantidopsis*. cf. *Dendrochilum mantis* J.J.Sm.1931. syn. *D. longipes*.

mantis-religiosae: see *mantis* + ref. *religiosus*: religious. Perhaps, some allusion to the insect: a praying mantis (?), a mantid, see *mantidopsis*. ex Panama, cf. *Epidendrum mantis-religiosae* Hágsater 1988.

mantissa: lit., a trifling addition; insignificant ornamentation. cf. *Dracula mantissa*.

manubriata: see manubriate. cf. *Platanthera manubriata*. syn. *P. japonica*.

manubriate: ref. *manubrium*: a handle; haft + having; like; of. Provided with a handle. Also can ref. to the neck, or narrow part of a spathe.

manubrioliferum: see manubriate with an added dimin.+ bearing (: having a small handle?). cf. *Taeniophyllum manubrioliferum*.

maotiensis: for place name (+ from), listed as ex Ceram Island, Maluku, Indon. cf. *Liparis maotiensis* J.J.Sm.1928.

mapaniifolia: a rush, or sedge-like + leaf. Refs. to *Mapania* (: a genus of *Cyperaceae*, not orchids). cf. *Liparis mapaniifolia* Schltr.1911.

mapiriense: as *mapiriensis*. cf. *Epidendrum mapiriense* Kraenzl.1928. syn. *Encyclia angustiloba*.

mapiriensis: from Mapire, a town on the Río Orínoco, Anzoátegui, Venezuela. cf. *Maxillaria mapiriensis* (Kraenzl.) L.O.Williams 1942.

mapuerae: for place name: of the Rio Mapuera (river), Pará, Brazil. cf. *Encyclia mapuera* (Huber) Brade & Pabst 1951. syn. *Encyclia tarumana*.

maquilingense: for place name: from Maquiling (village), nthn. central Luzon, Philipp. cf. *Bulbophyllum maquilingense* Ames & Quis.1932.

maquilingensis: see *maquilingense* + ref. Maquiling (village), n.east Negros Island. This one was not noted as to which island it's from, so could be either of the above. cf. *Appendicula maquilingensis* Ames 1912.

marahuacensis: for place name (+ from). Ref. the Cerro Marahuaca (mtn. peak), and/or of the Duida-Marahuaca N.Park, both in Amazonas state, Venezuela. cf. *Lepanthes marahuacensis* Carnevali & I.Ramirez 1993.

maraiparense: for place name (+ from), listed as ex Sabah, Borneo. cf. *Dendrobium maraiparense* J.J.Wood & C.L.Chan 1994.

maraiparensis: as *maraiparense*. cf. *Distichorchis maraiparensis* (J.J.Wood & C.L.Chan) M.A.Clem.2003. syn. *Dendrobium maraiparense*.

maranhense: for place name: from Maranhão state, or may ref. to its capital city: São Luís do Maranhão, n.east Brazil. cf. *Catasetum maranhense* Lacerda & Silva 1998.

maranjapatensis: for place name (+ from), only listed as ex Ecuador. cf. *Encyclia maranjapatensis* Dodson 1977.

maravalensis: from Maraval (village), a little north of Port-of-Spain city, westn. Trinidad and Tobago *Encyclia maravalensis* Withner 1995.

marcanoi: for phytologist and author, Luis Marcano-Berti (+ of). ex Dominican Republic, cf. *Lepanthes marcanoi* Hespenh.& Dod 1993.

marcescens: descwd.: withering. + See marcescent, *marcidus*.

marcescent: of parts fading; wilting; withering, but also persisting, ie. not falling off.

marchettiana: listed for noted grower, G.Marchett of Halifax, Eng., first to flower it. ex Colombia, Venezuela, etc., cf. *Cattleya maxima* var. *marchettiana* B.S.Williams.

marchidum: as *marcidum*, see *marcidus*. cf. *Bulbophyllum marchidum*.

marcidum: see *marcidus*. cf. *Bulbophyllum marcidum*.

marcidus: descwd.: shrivelled; faded; wasted; withered. + See *emarcidus*.

maremmae: of Maremma, a region of Tuscany, Italy. cf. *Ophrys* x *maremmae* O.& E.Danesch 1972.

margaretae: may be for a lady's given name, or for a place name (+ of). Listed as ex the Austral Islands (aka. Tubuai Islands), sthn. French Polynesia. cf. *Malaxis margaretae* (F.Br.) L.O.Williams 1938.

margaretiae: of Margaret, obviously for a lady's given name. Haven't any further info., but of interest, the etym. is: of a pearl (see *margaritaceus*). Only listed as ex PNG., cf. *Dendrobium margaretiae* T.M.Reeve 1983.

margaritacea: see *margaritaceus*. ex Costa Rica, cf. *Warmingia margaritacea*.

margaritaceum: see *margaritaceus*. cf. *Dendrobium margaritaceum*. syn. *Dendrobium christyanum*.

margaritaceus: descwd., ex *margaron*: a pearl (+ *margarita*, *margarites*: pearl-like) + see -*acea*: like etc. Not for a round shape, but as: pearly; pearl-like; like mother-of-pearl.

margaritae: for place name (Margarita + of ?), listed as ex São Paulo state, Brazil. cf. *Gomesa margaritae* Pabst 1967. + See next entry.

margaritae: listed as from across central Africa, could be for a place name (+ of). Possibly, is for pearl; **pearly**, see *margaritaceus*. cf. *Rhipidoglossum margaritae*.

margaritifera: pearl-like, or like mother-of-pearl + bearing. cf. *Pleurothallis margaritifera*. syn. *P. linearifolia*.

margicoloratum: see *marginate* + coloured. cf. *Cymbidium margicoloratum*. syn. *Cymbidium sinense*.

margin: as in English: the edge. Ref. *margo*: edge; border; side.

marginalis: ref. *marginis*: edge; border + see -*ale*: of, etc. cf. *Humboldtia marginalis*. syn. *Pleurothallis grobyi*.

marginata: margined; edged. Ref. the floral segments, edged with fine, rusty-brown hair. cf. *Caladenia marginata*. Noted as endemic to s.west Aust.

marginate: distinctly bordered, or margined (in some way). Can be with another colour; hairs; papillae, etc., or some other feature, eg. see *undulatomarginata*.

marginatum: see marginate. Ref. the petals, having red margins. cf. *Bulbophyllum marginatum*.

marginella: see marginate, margin + -ella: dimin. cf. *Masdevallia marginella*.

marginellum: margin + small. The lip is reddish-brown with a fine yellow margin. cf. *Odontoglossum marginellum*. syn. *Cyrtorchilum weirii*.

margueritaceum: pearl-like (?), was listed as such in the book I was working on. Probably an error, see *margaritaceus* (?). Although, ref. marguerite: a common name for a daisy of the *Asteraceae* family, + see -acea: like, etc. cf. *Dendrobium margueritaceum*. I checked this thoroughly and there is no official listing for a *Dendrobium* with this specep. syn. *D. christyanum*.

mariae: probably for a place name, as this one fits the listed location. Ref. Maria (village), Sinaloa state, nthn. Mexico. cf. *Euchile mariae* (Ames) Withner 1998. + See next entry.

mariae: noted, the orig.coll. Frederick Burbidge (see *burbidgei*) requested the specep. for his wife (Maria + of). ex the Philippines, cf. *Phalaenopsis mariae* Burb.ex R.Warner & H.Williams 1883.

marianense: for place name (+ from). Refs. to the Mariana Islands of Micronesia, a widespread Pacific Islands group. cf. *Taeniophyllum marianense* Schltr.1914.

Mariarisqueta: Guinea 1946. Noted he named it for his wife, Señora (: Mrs.) Maria Arisqueta de Guinea. syn. *Cheirostylis* Blume.

marina: ref. *marinus*: of the sea (-shore). cf. *Oberonia marina*.

mariposa: butterfly. cf. *Lepanthes mariposa*.

maritima: ref. *maritimus*: of, or growing on the sea-coast. cf. *Caladenia maritima*. Noted as endemic to Vic., Aust.

maritimum: as *maritima*. ex New Guinea, cf. *Dendrobium maritimum*. syn. *D. fulgidum*.

maritimus: as *maritima*. cf. *Petalochilus maritimus*. syn. *Caladenia maritima*.

marivelense: for place name: from Mariveles, a town and a mtn range., sthn. Bataan Peninsula, Luzon, Philipp. cf. *Bulbophyllum marivelense* Ames 1912.

marivelensis: as *marivelense*. cf. *Adenostylis marivelensis* Ames.

markusii: listed as named for Markus, doctor to the Empress of Russia. By the dates of the orig. author, this has to be Catherine II: "Catherine The Great". cf. *Dactylorhiza markusii* (Tineo) H.Baumann & Künkele 1981.

marlothii: listed for botanist and author, Hermann Wilhelm Rudolf Marloth (1855-1931). ex Cape Prov., South Africa, cf. *Disa marlothii* Bolus 1906.

marly: in a discussion of habitat, was: "... marly banks." and I had no idea!: Of, or relative to marl: a fine grained clay, eg. marly soil. The ref. was to a river bank. More info., read up on pedology: study of soils.

marmarata: (typ.error for *marmorata*?), see *marmarensis*, marmorate. cf. *Dossinia marmarata*, noted as nom. illeg. (*Dossinia marmorata* is a legitimate species). syn. *Anoectochilus brevilabris*.

marmarensis: for place name (+ from), listed as ex the eastn. Aegean region. Probably refs. to the area of Marmara Denizi (ancient: *Propontis*; the Sea of Marmara or, Marmora) n.west Turkey. The sea has several islands (the largest being Marmara Adasi, with the city of Marmara), locations of ancient quarries, of a famous white marble. cf. *Ophrys* x *marmarensis* H.Baumann & Künkele 1986.

marmorata: see marmorate. cf. *Coelogyne marmorata*.

marmorate: ex *marmor*, *marmoros*: marble + suffix: marbled; like marble, eg. marmorate leaves. For the confused colouring, having different shades, blended and veined, likened to the variegated patterns of marble.

marmoratum: as marmorate. cf. *Dendrobium marmoratum*. Refs. to the stem sheaths: whitish mottled with grey.

marmoratus: as marmorate. cf. *Microchilus marmoratus*. syn. *M. anchoriferus*.

marmorea: marbly, see marmorate. cf. *Mormodes marmorea*. syn. *M. buccinator*.

marmorophila: marble + loves. Is listed as such, but may be a misunderstanding, or typ.error (see *marmorophylla*). Although, it's certainly possible, it may have been found growing amongst marble (rocks). cf. *Habenaria marmorophila*. syn. *Habenaria lobbii*.

marmorophylla: marble + leaf. + See marmorate. cf. *Habenaria marmorophylla*.

marmorophyllum: as *marmorophylla*. Listed as a cross (or, hybrid), with no further info. cf. *Cypripedium* x *marmorophyllum*.

maroaense: for place name: from Maroa, a town on the westn. border of Amazonas, Venezuela. cf. *Catasetum maroaense* G.A.Romero & C.Gómez 2000.

maroccanica: Lat'd. spelling for place name: belonging to Morocco, n.west Africa. Of interest, noted the Roman name was *Maroccanum Regnum*: (the) Moroccan Kingdom. cf. *Orchis elata* forma *maroccanica* Soó 1927. syn. *Dactylorhiza elata* ssp.*elata*.

marojejiense: as *marojejiensis*. cf. *Bulbophyllum marojejiense* H.Perrier 1951.

marojejiensis: for place name (+ from), listed as ex nthn. Madagascar. One ref. lists it to be for the "Marojejy Massif" (?). cf. *Jumellea marojejiensis* H.Perrier 1951.

marojejyensis: as *marojejiensis*. cf. *Cynorkis marojejyensis* Bosser 1969.

marovoense: listed for place name (+ from), ex n.east Madagascar. Could ref. to Marovovo village (?). cf. *Bulbophyllum marovoense* H.Perrier 1951.

marowynensis: from the Marowyne (: Maroni) River, borders Surinam with French Guiana. cf. *Vanilla marowynensis* Pulle 1906.

marquisensis: from the Marquesas Islands, French Polynesia. cf. *Habenaria marquisensis* F.Br.1931.

marriottiana: listed for noted grower, Sir W.H.S.Marriott Bart., of Blandford, Eng. ex India to China and Indo-China, cf. *Vanda parishii* var. *marriottiana* Rchb.f.1880. syn. *Hygrochilus parishii*.

marriottianum: as first flowered by H.Marriott (+ belonging to) of Edmonton, Eng. ex Colombia, cf. *Odontoglossum* x *marriottianum* Rchb.f.1881.

marriotianus: as *marriottiana*. cf. *Hygrochilus parishii* var.*marriottianus* (Rchb.f.) Pradhan 1987. syn. *Hygrochilus parishii*.

marroninus: listed as a colour term: maroon. A dark brownish-red.

marshalliae: listed for noted grower, Mrs.W.Marshall of Bexley, Eng. ex the Himalayas to China and Peninsula Malaya, cf. *Thunia marshalliae* Hort.1871. syn. *Thunia alba*.

marshalliana: listed for noted grower, William Marshall of Bexley, Eng. ex India, cf. *Thunia marshalliana* Rchb.f.1877. syn. *Thunia alba*.

marshallianum: as *marshalliana*. ex Brazil, cf. *Oncidium marshallianum* Rchb.f.1866.

marshallianus: see *marshalliana*. cf. *Phaius marshallianus* (Rchb.f.) N.E.Br.1889. syn. *Thunia alba*.

Marsipanthes: ref. *marsipos*: pouch + flower. Ref. the pouch formed by the connate sepals.= *Lepanthes* subgenus.

marsupiata: having, or like a pouch; bag; purse. cf. *Dryadella marsupiata*.

marsupiale: ref. *marsupium*: pouch; bag + -ale: of, etc. Ref. the lip. cf. *Pomatocalpa marsupiale*. Pers.coll., quite common ex PM.PNG., and definitely another "botanical". The plant is not very attractive and it has pathetic flowers.

marsupialis: pouch; bag + of, etc. cf. *Dracula marsupialis*.

Marsupiaria: Hoehne 1947: pouch; bag + of, etc. Has small, pouch-like sheaths at the base of the leaves. eg. *Marsupiaria iridifolia*. syn. *Maxillaria valenzuelana*.

marsupichila: pouch + lip. cf. *Malaxis marsupichila*.

marsupichilum: pouch + lip. cf. *Crepidium marsupichilum*. syn. *Malaxis marsupichila*.

marsupiocalaratum: pouch + spurred. cf. *Angraecum marsupiocalaratum*. syn. *Calyptrochilum christyanum* (Rchb.f.) Summerh.

martae: of Marta, only listed as ex Cuba. Could ref. to Marta (village), La Habana, n.west Cuba. cf. *Lepanthes martae* Luer 2001.

marthae: haven't read of this one. Obviously, it's for a lady's given name: of Martha. Of interest, the etym. is reported as ex Hebrew: "ruler of the household". ex Sarawak, Borneo, cf. *Coelogyne marthae* S.E.C.Sierra 2000.

martialis: haven't any precedent, but I think this is Lat'd. English. Ref. martial: to do with war, or anything military. Perhaps the flowers appeared to be "armed" (with weapons), for their many spiky projections (?). cf. *Habenaria martialis*. syn. *H. kilimanjari*.

martiana: belonging to Martius. Listed for orig.coll., German botanist, explorer and naturalist Carl Friedrich Phillip von Martius (1794-1868). Descs. accr. to him are abbr. to: Mart., or noted as C.Martius. ex Mexico, cf. *Stanhopea martiana* Bateman ex Lindley 1840.

martianum: as *martiana*. ex Brazil, cf. *Oncidium martianum* Lindley.1837.

martinezii: listed for botanist and author, Maximino Martinez (1888-1964). ex Mexico to Guatemala, cf. *Epidendrum martinezii* L.Sánchez & Carnevali 2001.

martysiensis: for place name (+ from), only listed as ex France. Possibly refs. to Les **Martys** (village), Creuse, Limousin Region, central sthn. France. cf. x *Rhizanthera martysiensis* Balayer 1986.

marudiense: for place name: from Marudi, a town of n.west Sarawak, Borneo. cf. *Bulbophyllum marudiense* Carr 1935.

marumbyana: belonging to Marumby (: Rio Azul) city, Paraná state, Brazil. cf. *Pleurothallis marumbyana* Garay.

marylandica: listed for place name: belonging to Maryland state, USA.. cf. *Orchis marylandica*. (syn.?).

marzensis: listed as: from Marz, a town of Burgenland Prov., Austria. cf. *Ophrys marzensis* Soca 1997. syn. *O. bertolonii*.

masaganapense: for place name (+ from), listed as ex Leyte, or Luzon islands (?), Philipp. cf. *Bulbophyllum masaganapense* Ames 1920.

masamunei: for phytologist, Genkei Masamune (b1899). Descs. accr. to him are abbr. to: Masam. ex China to eastn. Asia, cf. *Platanthera mandarinorum* var. *masamunei* K.Inoue 1982. syn. *P. mandarinorum*.

masarangense: listed to be: from Gunung (Mt.) Masarang, Sulawesi, Indon. cf. *Dendrobium masarangense* Schltr.1911.

masarangica: as *masarangense* (with different suffix: belonging to). cf. *Eria masarangica* Kraenzl.1910. syn. *Epiblastus masaranguicus*.

masaranguicum: as *masarangica*. cf. *Bulbophyllum masaranguicum* Schltr.1911.

masaranguicus: as *masarangica*. cf. *Epiblastus masaranguicus* (Kraenzl.) Schltr.1911.

masasayensis: for place name (+ from), listed as ex Mexico to Costa Rica. cf. *Polystachya masasayensis* Rchb.f.1855.

mascaensis: from Masca, a minor city of Santa Cruz de Tenerife, Canary Islands, Spain. cf. *Serapias mascaensis* H.& G.Kretzschmar & Kreutz 1993. syn. *S. parviflora*.

mascarata: possibly, in the English sense: mascaraed. ie., It is "dark", like the cosmetic, mascara (?). cf. *Masdevallia mascarata*.

mascarensis: from the Mascarene Islands (which inc. Mauritius), off east coast Africa. cf. *Disperis oppositifolia* var. *mascarensis* Bosser 2002.

mascula: ref. *masculus*: male; manly; vigorous, etc. Reported to be for the tuberoids (alluding to testes). cf. *Orchis mascula* (L.) L.1755.

masculolatifolia: vigorous (? , see *mascula*) + broad + leaf. cf. *Orchis masculolatifolia*.

Masdevallia: Ruiz & Pav.1794. Listed for José Masdevall, an investigator of medicinal plants and a physician to the court of King Charles III of Spain. ex Colombia to Venezuela, eg. *Masdevallia caudata*.

masdevalliaceum: *Masdevallia* + like. Noted, a flower was likened to a small *Masdevallia*. cf. *Bulbophyllum masdevalliaceum*. syn. *B. blumei*.

Masdevalliantha: (Luer) Szlach.& Marg.2001: Masdevall's flower (see *Masdevallia*). Or, maybe it was likened to a *Masdevallia* flower (?). syn. *Pleurothallis* R.Br.

masdevalliopsis: see *Masdevallia* + appearance. cf. *Pleurothallis masdevalliopsis*.

maskeliyense: listed for place name: from Maskeliya (village), central sthn. Ceylon (: Sri Lanka). cf. *Bulbophyllum maskeliyense* Livera 1926.

masoalanum: of, or belonging to Masoala (village), sthn. tip of Madagascar. cf. *Bulbophyllum masoalanum* Schltr.1916.

masoalensis: see *masoalanum* (with different suffix: from). cf. *Disperis masoalensis* P.J.Cribb & la Croix 2002.

masonii: listed for orig.coll., noted orchidist W.W.Mason (+ of), ex nth. Qld., Aust. cf. *Diplocaulobium masonii* (Rupp) Dockr.1965.

massangeana: belonging to Massange. For noted grower, M.D.Massange de Louvrex of Marche, Belgium. ex Brazil, cf. *Cattleya massangeana* Rchb.f.1883. syn. *C. labiata*.

massangei: as *massangeana*. ex the central Americas, cf. *Oncidium massangei* E.Morren 1877. syn. *O. sphacelatum*.

massiei: listed for orig.coll., botanist M.Massie. ex Laos, cf. *Eulophia massiei* Guillaumin 1930. syn. *Eulophia promensis*.

massiliensis: from *Massilia*: the Lat. form of Marseille (or, Marseilles), a major coastal city of sthn. France. cf. *Ophrys massiliensis* Viglione & Vêla. syn. *O. sphegodes*.

massokoensis: for place name (+ from). Listed to range from Tanzania to Zambia, Africa, noted a few places called Massako (?). cf. *Eulophia massokoensis* Schltr.1915.

massoniana: listed for botanist, naturalist and author, Francis Masson [+ belonging to] (1741-1805). ex Myanmar, cf. *Habenaria massoniana* King & Pantl.1897.

massonii: as *massoniana*. Listed as ex the Caribbean to Venezuela, cf. *Malaxis massonii* (Ridl.) Kuntze 1891.

mastersiana: as *mastersianum*. Only listed as ex Indo-China, cf. *Thunia mastersiana* Kraenzl.1894. syn. *T. pulchra*.

mastersianum: belonging to Masters. Listed for Maxwell Tylden Masters (1833-1907) FRS., was editor of the horticultural journal: Gardener's Chronicle. Descs. accr. to him are abbr. to: Mast. ex the Moluccas (Maluku), Indon., cf. *Paphiopedilum mastersianum* (Rchb.f.) Stein 1892.

Mastersianum: as *mastersianum*. = *Paphiopedilum* section.

mastersii: for Dr.W.Masters (+ of), then Superintendent, Calcutta Bot.Gardens. ex India, cf. *Cymbidium mastersii* Griff. ex Lindley 1845.

Mastigion: Garay, Hamer & Siegerist 1994. Ref. *mastix*, *mastigos*: whip; whip-like + suffix: dimin. Ref. the lateral sepals having caudate apices and alluded to being whip-like. eg. *Mastigion fascinator*. syn. *Bulbophyllum putidum*.

mastix: whip. cf. *Lepanthes mastix*.

mastodon: lit., ref. *mastos*: the breast +-odon: of teeth; toothed. Or, could be alluding to a Mastodon, the ancient pachyderm*, ie. something is large and hairy (maybe the leaf?). cf. *Lepanthes mastodon*. *Pachyderm: a thick-skinned, elephant-like animal, ref. *pachys*: thick + *derma*: a skin. Isn't this language wonderful, it's amazing what you can read and understand, when you have a grasp of it.

mastophora: ref. *mastos*: breast + bearing. cf. *Trichosalpinx mastophora*.

masuca: reported to be Lat'd., phonetic spelling for a place name. ex the Himalayas, nthn. India, cf. *Calanthe masuca* (D.Don) Lindley 1833.

mataanensis: for place name (+ from), only listed as ex Solomon Islands region. cf. *Liparis mataanensis* J.J.Sm.1912. syn. *Liparis layardii* F.Muell.1885.

matangense: for place name (+ from), only listed as ex Ecuador. cf. *Cyrtorchilum matangense* (Bockemühl) Dalström 2001.

mataxa: lit., raw silk. cf. *Masdevallia mataxa*.

mathewsii: listed for orig.coll., botanist Henry Blencowe Mathews [? Matthews] (1861-1934). Often noted as co-author with T.F.Cheeseman (see *cheesemani*). ex NZ.and Aust., cf. *Thelymitra mathewsii* Cheeseman 1911. + See *matthewsii*.

mathiasiae: of Mathias. For phytologist and author, Mildred Esther Mathias (1906-1995). ex Peru, cf. *Lycaste mathiasiae* G.C.Kenn.1978.

-matica, *-maticum*, *-maticus*: used in combwds. Can't define it with certainty, ref. Gk. suffix: *-matikos*, ex *matos*: thought; idea; opinion; notion; conception; imagined; intention, etc. Assuming (to): have the nature, or properties of; relating, or relative to; resembling, etc. A good example, see *phantasmatica*.

matinhensis: from Matinhos, a minor coastal city of Paraná state, Brazil. cf. *Trichosalpinx matinhensis* (Hoehne) Luer 1983.

matitanense: for place name (+ from), only listed as ex s.east Madagascar. cf. *Bulbophyllum matitanense* H.Perrier 1937.

matogrossense: for place name: from Mato Grosso. (Of which, there are many places of this name, in Sth.America). The main ref., is to Mato Grosso state, Brazil. Of interest, Mato Grosso translates as: great forest. cf. *Catasetum matogrossense* Bicalho 1964.

matogrossensis: from Mato Grosso state, Brazil. + See *matogrossense*. cf. *Maxillaria matogrossensis* Brade 1939.

x *Matsudaara*: auct.: of Matsuda, see next entries. On the syn. list, the result of *Barkeria* x *Cattleya* x *Laelia* x *Sophranitis*.

matsudae: could be for a person's name (+ of), listed as ex Japan. May also be: of Matsuda, a town of Tochigi-ken, and/or a minor city of Kanagawa-ken (prefectures). cf. *Platanthera matsudae* Makino 1902. syn. *P. chorisiana*.

matsudai: as *matsudae*. cf. *Saccolabium matsudai* (Hayata) Makino & Nemoto. syn. *Gastrochilus matsudai* Hayata.

matsumurana: belonging to Matsumura. For Japanese author, botanist and naturalist, Jinzo Matsumura (1856-1928). Descs. accr. to him are abbr. to: Matsum. cf. *Calanthe matsumurana* Schltr.1906. syn. *Calanthe triplicata*.

matsumuranum: as *matsumurana*. cf. *Peramium matsumuranum* (Schltr.) Makino 1929. syn. *Goodyera hachijoensis* Yatabe 1891.

matthewsii: info., see *mathewsii*. Many refs. spell it with one "t" and many others with two. Even the official list spells it both ways, (in separate listings). cf. *Corybas matthewsii* (Cheeseman) Schltr.1923. Noted as endemic to North Island, NZ.

matto grossense: see *matogrossense*. cf. *Solenidium matto grossense* (Cogn.) Schltr.1918. syn. *S. lunatum*.

matto grossensis: see *matogrossense*. cf. *Dichaea matto grossensis* Brade 1943.

matucanensis: from Matucana (village), Lima Department, central Peru. cf. *Pelexia matucanensis* (Kraenzl.) Schltr.

matudae: of Matuda. Listed for orig.coll., botanist and author Eizi Matuda (1894-1978). ex Mexico, cf. *Epidendrum matudae* L.O.Williams 1968.

matudana (*matudiana*?): belonging to Matuda, see *matudae*. ex Mexico to Bolivia, cf. *Pleurothallis matudana* C.Schweinf. 1938.

matula: a pot; deep sided vessel. cf. *Stelis matula*.

maturation: ref. *maturus*: ripe. Ripening; the time taken to mature. The word can be confusing as it's not restricted to one process and can be either of the following:-
(a) plant maturation; (b) flower maturation; (c) seed maturation.

(a) The time from an individual seed to the fully mature plant's first flower opening, ready for pollination.

(b) From the first appearance of the flower bud, to the time the flower opens, ready for pollination.

(c) From the moment of pollination of the flower, to when the capsule first begins to split, to release the seed.

Maturna: Raf.1837. Knowing Mr.Raf's. penchant for heavily abbreviating the names he used, this is probably a contraction of *matutinus*: of early morning + suffix: of time. syn. *Gomesa* R.Br.

matutina: ref. *matutinus*: of early morning. cf. *Renanthera matutina*.

matutinum: as *matutina*. cf. *Aerides matutinum*. syn. *Renanthera matutina*.

matutinus: descwd.: of the early morning. Sometimes seen in descriptions, esp. when a flower opens at, or before dawn.

maudeae: belonging to Maude, see *maudiae*. ex nthn. Madagascar, cf. *Bulbophyllum maudeae* A.D.Hawkes 1966.

maudiae (+ noted it listed as *maudae*?): for fem. given name. Listed as first flowered by Mrs.C.Saunders (: Maude?), an authoritative collector (+ see *saundersiae*). ex Zululand, Africa, cf. *Bolusiella maudiae* (Bolus) Schltr.1918.

maulei: listed for Messrs. Maule & Sons (+ of), nurserymen of Bristol, Eng. ex Assam, India, cf. *Cypripedium insigne* var. *maulei* Moore 1861. syn. *Paphiopedilum insigne*.

mauretanica: same as *mauritanica*. cf. *Serapias mauretanica* Schltr.1923.

mauritanica: belonging to *Mauritania*, once a Roman province and is now reported to be for Morocco. But, Mauritania is another country which borders Morocco, n.west Africa. However, the listed location is ex westn. Morocco. cf. *Serapias cordigera* var.*mauritanica* (E.G.Camus) E.Nelson & G.Keller et al.1968.

mauritiana: belonging to Mauritius, of the Mascarene Islands, off east coast Africa. cf. *Arnottia mauritiana* A.Rich.1828.

mauritianum: as *mauritiana*. cf. *Angraecum mauritianum* (Poir.) Frapp.1889.

maurusia: ref. *maurusius*: Moorish; of the Moors (: Moroccan). Listed as first found from the Rif region, s.east of Tangier, nthn. Morocco, Africa. cf. *Dactylorhiza maculata* ssp.*maurusia* (Emb.& Maire) Soó 1962.

maxi: descwd.+ used in combwds.: a contraction of *maximus*: greatest.

maxibractea: see *maxi* + bract + of; like, etc. cf. *Lycaste maxibractea*.

maxilimax: large (garden-) slug. Alluding to a flower (shape). cf. *Masdevallia maxilimax*. x *Maxillacaste*: auct. On the syn. list, cf. *Lycaste* x *Maxillaria*.

maxilla-leonis: jawbone + lion. cf. *Uncifera maxilla-leonis*. syn. *Cleisomeria lanatum*.

maxillare: ref. *maxilla*: jawbone; jaw +-are: of, etc. cf. *Bulbophyllum maxillare*. syn. *B. blumei*.

Maxillaria: Ruiz & Pav.1794: see *maxillare*. Ref. the gaping flowers; column and lip, alluding to open jaws. ex Peru, eg. *Maxillaria argyrophylla*.

Maxillarianthe: *Maxillaria* + flower.= *Cymbidium* section.

Maxillarieae: *Maxillaria* + suffix denotes it's a tribe.

maxillariiformis: see *Maxillaria* + form; shape. cf. *Masdevallia maxillariiformis*. syn. *Masdevallia strumifera*.

Maxillariinae: *Maxillaria* + suffix denotes it's a subtribe.

maxillarioides: *Maxillaria* + resembling. Noted the flower was likened to a *Maxillaria*. cf. *Bulbophyllum maxillarioides*.

maxillaris: see *maxillare*. cf. *Phyllorkis maxillaris*. syn. *Bulbophyllum blumei*.

maxilligerum: jaw(s?) + bearing. cf. *Oncidium maxilligerum*. syn. *Oncidium hians* (: gaping; like open jaws).

x *Maxilobium*: auct. On the syn. list, cf. ***Maxillaria* x *Xylobium***.

maxim: ref. *maximus*: greatest. Or, ref. *maxime*: in, or of the highest degree; the best, etc. Some refs. say it's an abbr. for the author of the genus, info. see *maximowicziana*. cf. *Stigmatodactylus maxim*.

maxima: greatest, or the best, etc. cf. *Pterostylis maxima*. Noted as endemic to s.east Aust.

maximowicziana: listed for Russian botanist and author, Karl Johann Maximowicz (1827-1891). Descs. accr. to him are abbr. to: Maxim. ex Primorye (admin. territory, s.east Russia), to Korea and Japan, cf. *Platanthera maximowicziana* Schltr.1919.

maximowiczianum: belonging to Maximowicz, as *maximowicziana*. ex Japan, Korea and Taiwan, cf. *Peramium maximowiczianum* (Makino) Makino 1929. syn. *Goodyera maximowicziana* Makino 1909.

maximum: the greatest; best, etc. cf. *Taeniophyllum maximum*.

maximus: see *maxima*. cf. *Oligochaetochilus maximus*. syn. *Pterostylis maxima*. Noted as endemic to s.east Aust.

maxonii: listed for botanist and author, William Ralph Maxon (1877-1948). Noted as ex Costa Rica to Panama, cf. *Lepanthes maxonii* Schltr.1913.

maxwelliae: listed for Mrs.R.Maxwell, noted orchidist. ex Sarawak, Borneo and monotypic, cf. *Porphyroglottis maxwelliae* Ridl.1896.

mayaycu: for place name: Mayaycu village, Zamora Chinchipe Prov., Ecuador. cf. *Masdevallia mayaycu* Luer & Andreeta 1989.

mayeri: listed for phytologist, E.Mayer (+ of). ex Germany, cf. *Cephalanthera* x *mayeri* (E.Mayer & Zimmerm.) A.Camus 1929.

mayeriana: listed for botanist and naturalist, R.Mayer [Meyer?] (b1843). ex Java, cf. *Coelogyne mayeriana* Rchb.f.1877. + See *meyeriana* (?).

mayombeense: as *mayombensis*. Noted as possibly endemic to the Congo, Africa. cf. *Bulbophyllum mayombeense* Garay 1999.

mayombensis: from Mayombe (: Mayumbe) mtn. range, Congo, west Africa. cf. *Polystachya mayombensis* De Wild.1903. syn. *P. golungensis*.

mayrii: listed for noted ornithologist and naturalist, E.Mayr (+ of). Was at Vogelkop Peninsula, Papua, Indon. 1928 and Finisterre Mtns., PNG. 1929. cf. *Cadetia mayrii* (J.J.Sm.) P.F.Hunt 1971. syn. *Dendrobium bulbophylloides*.

mayzifolium: ref. *mayz*: Indian Corn + leaf. cf. *Cyrtopodium mayzifolium*.

mazatlanensis: from Mazatlán, a coastal city of Sinaloa state, west Mexico. cf. *Lepanthes mazatlanensis* Solano & Reynaud 2003.

mazumbaiensis: from Mazumbai (village) of the Usambara Mtns., Tanzania, Africa. cf. *Polystachya mazumbaiensis* P.J.Cribb & Podz.1978.

mcgregorii: for R.C.McGregor (+ of), see *macgregorii*. ex the Philipp., cf. *Oberonia mcgregorii* Ames 1907.

mcvaughiana: belonging to McVaugh. For phytologist, Rogers McVaugh (b1909). ex Mexico, cf. *Polystachya mcvaughiana*.

mearnsii: listed for orig.coll., Major E.A.Mearns (+ of). ex Mindanao Island, Philipp. cf. *Bulbophyllum mearnsii* Ames 1914.

measuresiana: as *measuresianum*. ex Brazil, cf. *Cattleya measuresiana* (L.O.Williams) Blumensch.1961. syn. *C. bicolor*.

measuresianum: listed for noted grower, R.H.Measures (+ belonging to) of Streatham, Eng. ex the Philipp., cf. *Grammatophyllum measuresianum* Sander 1889.

measuresii: as *measuresianum*. ex Brazil, cf. *Cattleya x measuresii* Rchb.f.1886. Listed as a natcross of *C. aelandiae* x *C. walkeriana*.

Mecopodium: D.L.Jones & M.A.Clem.2004: lengthened + foot. syn. *Prasophyllum* R.Br.

Mecosa: Blume 1825: ref. *mekos*: (of) length (: lengthened?). eg. *Mecosa angustata*. syn. *Platanthera angustata*.

Mecosa: as last entry.= *Platanthera* section.

mecsekensis: from Mecsek (: *Tubes*, a mtn. peak), or for Mecsek (the mtn. ranges), Baranya county, Hungary. cf. *Epipactis mecsekensis* A.Molnár & Robatsch 1997.

medellinense: as *medellinensis*. cf. *Cyrtorchilum medellinense* Kraenzl.1917. syn. *C. fractum*.

medellinensis: listed for place name: from Medellin, second largest city of Colombia. cf. *Dracula medellinensis* (Kraenzl.) Luer 1978. syn. *D. radiosa*.

medeoloides: *Medeola* + resembling. Noted, the leaves were likened to those of *Medeola virginiana*, commonly: Indian cucumber (not orchids). cf. *Isotria medeoloides*.

media: of the middle, + ref. *medius*: middle; intermediate. cf. *Thelymitra media*. Noted as endemic to s.east Aust. + See next entry.

media: see *media*. Another entry, for cross-reference (see *dilatatooides*). This example is listed to be a cross, so it's intermediate (in between). cf. *Platanthera x media* (Rydb.) Luer 1975, noted as the result of *P. dilatata* x *P. hyperborea*.

median: ref. *medius*: the middle. Of, or for anything to do with the middle, eg. see median line; median petal: middle petal (aka., posterior petal, not used very often, as mostly known as: the labellum, lip, or tongue). + See median sepal.

median line: the central line of an organ, or part. Can be a crease, vein, or axis (esp., of a leaf).

median sepal: the central sepal of the calyx, as distinct to the lateral sepals. Also often called the dorsal sepal (+ see odd sepal). Most often it is discussed separately to the laterals, as it can have many differences.

medinae: for place name (+ of), listed as ex El Oro Prov., Ecuador. cf. *Oerstedella medinae* (Dodson) Hágsater 1981.

Mediocalcar: J.J.Sm.1900: middle + spur. eg. *Mediocalcar bifolium*. Noted as endemic to New Guinea.

mediocarinata: middle + see carinate: keeled. cf. *Pleurothallis medicarinata*.

mediocre: cf. *mediocris*: middling; ordinary; mediocre, etc. cf. *Bulbophyllum mediocre*.

mediocris: as *mediocre*. cf. *Pholidota mediocris*.

medioflexa: middle + bend(s?). cf. *Habenaria medioflexa*.

medio-lateral: middle + of the side. Off-centre; that which is slightly either side of the centre.

mediterranea: the few times I've see this explained, an author simply says:

Mediterranean and this probably applies, but not always. Ref. *mediterraneus*: middle (or, mid) + land + of: a descwd. which infers being inland, well away from the sea. cf. *Orchis mediterranea* Ten.1831. syn. *Anacamptis laxiflora*.

medium: in cultivation: the material(s) used for a plant to grow in, or on. Many authors will often advise of the media (: pl.) that they have had the most success with, inc. in their general home-growing info. + See substrate.

medium: middle; ordinary (?), or maybe it's only medium (size) and not a giant, as note the generic name (*giganteum*: of a giant). cf. *Arpophyllum giganteum* ssp. *medium*.

medogense: from Mêdog. Have noted two villages, one on the Brahmaputra River, the other of westn. Kailas Range, (?), Tibet. cf. *Cleisostoma medogense* Z.H.Tsi 1985.

medogensis: as *medogense*. cf. *Eria medogensis* S.C.Chen & Z.H.Tsi 1987.

medusa: ref. Gk.myth.: Medusa, one of the Gorgons, a female monster with snakes instead of hair on her head. One glance into her eyes turned a person to stone. The specep. is noted as a fanciful allusion to the flower's many tail-like and spiky projections. cf. *Habenaria medusa*.

medusae: of Medusa, see *medusa*. cf. *Bulbophyllum medusae*. The inflo. is an umbel and the specep. alludes to the many wispy tails of the flowers.

Medusaeformes (+ have noted, *Medusiformes*): Medusa + shape; form. See *medusa*. = *Habenaria* section.

medusella: see *medusa* + dimin. Noted as likened to a (smaller) *Bulbophyllum medusa*. cf. *Bulbophyllum medusella*. syn. *B. croceum*.

Medusorchis: Szlach.2004: "Medusa's orchid", info. see *medusa*. syn. *Habenaria* Willd.

mefueensis: for place name (+ from), only listed as ex Colombia. cf. *Lepanthes mefueensis* Luer & R.Escobar 1988.

mega-: used in compwds., ref. *megas*: big; large; great, etc. + Can be an emphasis: absolutely; positively; very, etc. + See *megal-*, *megalo-*.

mega: as *mega-*. cf. *Dendrobium mega*. syn. *D. pandaneti*.

megacalyptra: large + veil (hood). Ref. the column has a large post-anther lobe, forming a hood over the anther. cf. *Thelymitra megacalyptra*. Noted as endemic to s.east Aust.

megaceras: large + horn. For the long mentum, or could be for the projection at the column apex. cf. *Dendrobium megaceras*.

megachlamys: large + cloak; cape. cf. *Pleurothallis megachlamys*. syn. *P. tuerckheimii*.

Megaclinium: Lindley 1826: large + ref. *kline*: bed + suffix: characteristic of. Could ref. to the clinandrium, or the stigma (?). syn. *Bulbophyllum* Thouars.

Megaclinium: as last entry.= *Bulbophyllum* section.

megagastrium: see *mega*-+ belly + having, or like. cf. *Epidendrum megagastrium*.

megaglossa: see *mega*-+ tongue. cf. *Pleurothallis megaglossa*.

megahybos: large + ref. *hybos*: a hump. cf. *Prosthechea megahybos*.

megal-, *megalo*-: used in compwds.. Listed as having the same meanings as *mega*-, but a little more emphatic.

megalantha: large + flower. cf. *Encyclia megalantha*.

megalanthum: large + flower. cf. *Bulbophyllum megalanthum*.

megalocephala: large + head. cf. *Lepanthes megalcephala*.

megalochila: large + lip. cf. *Neottia megalochila*.

megaloclinium: see *megal*-+ bed + of. cf. *Epidendrum megaloclinium*.

megalogenys: large + cheek; chin; jaw. cf. *Polystachya megalogenys*. syn. *P. mildbraedii*.

megaloglossa: large + tongue. cf. *Masdevallia megaloglossa*. syn. *M. vargasii*.

Megaloglossum: large + tongue.= *Bulbophyllum* section,

megalonyx: this can have a few explanations: *megalo*-, can be an emphasis: very, extremely, etc., or see *mega*-, *megal*-: large, etc.+ see *onyx*. cf. *Bulbophyllum megalonyx*.

megaloophora: see *mega*-, *megal*-+ bearing. cf. *Pleurothallis megaloophora*.

megalopha: large + ref. *lophos*: crest; tuft; comb. cf. *Eria megalopha*.

megalophium: large + crest + of; relative to. cf. *Cyrtorchilum megalophium*.

megalophora: see *mega*-+ bearing. cf. *Calanthe megalophora*. syn. *C. tricarinata*.

megalophum: as *megalopha*. Ref. the labellum. cf. *Odontoglossum megalophum*.

megalops: see *mega*-+ see -ops. cf. *Pleurothallis megalops*.

megalopterum: large + wing. cf. *Oncidium megalopterum*.

Megalorchis: H.Perrier 1937: large + see orchid. eg. *Megalorchis regalis*. Noted as monotypic and endemic to Madagascar.

megalorhina: see *megal*-+ nose; snout, etc. cf. *Pleurothallis megalorhina*.

megalorhiza: as *megalorhizum*. cf. *Cannaeorchis megalorhiza*. syn. *Dendrobium sarcochilus* var.*megalorhizum*.

megalorhizum: large + ref. *rhizoma*: bundle of roots, or rhizome (? see *rhiza*, rhizome). cf. *Dendrobium sarcochilus* var.*megalorhizum*.

megalorrhiza: large + roots (? + see *rhiza*, rhizome) or, could be: well + rooted. cf. *Microcoelia megalorrhiza*.

megalorrhizum: as *megalorrhiza*. cf. *Angraecum megalorrhizum*. syn. *Microcoelia megalorrhiza*.

megalorrhyncha: large + beak; snout. cf. *Platycoryne megalorrhyncha*.

megalospatha: large + see spathe. cf. *Diothonea megalospatha*. syn. *Epidendrum megalospathum*.

megalospathum: large + see spathe. cf. *Epidendrum megalospathum*.

megalostele: large + pillar; column. cf. *Lepanthes megalostele*.

Megalotus: Garay 1972: see *mega*-+ suffix: relative to, see *-ota*. cf. *Megalotus bifidus*. Noted as monotypic and endemic to the Philippines.

megalous: large, etc. + suffix: the state of (being). cf. *Oncidium megalous*. syn. *O. bryolophotum*.

megalurum: large + tail. cf. *Agrostophyllum megalurum*.

megantha: large + flower. cf. *Stelis megantha*.

meganthera: large + anther, or flowered (? see anther).cf. *Lepanthes meganthera*.

megapetala: large + petals. cf. *Stelis megapetala*.

megaphylla: large + leaf. cf. *Aerangis megaphylla*.

megapotamensis: lit.: from a large river. This species is listed to be from Paraná to Rio Grande do Sul states, Brazil and possibly refs. to the Paraná River (which is indeed "large", although, see *megapotamicus* ?). cf. *Habenaria megapotamensis* Hoehne 1939.

megapotamicus: this is for cross-reference: large + river + belonging to, is listed as the correct specep. for ref. to Rio Grande, Brazil.

megasaniensis: see *meghasaniensis*. cf. *Eria megasaniensis* (listed as such, without author, date, or location).

megasepala: large + sepals. cf. *Luisia megasepala*. Noted as endemic to Taiwan.

Megastylis: (Schltr.) Schltr.1911: large + see style: column. ex Vanuatu and New Caledonia. eg. *Megastylis gigas*.

meghasaniensis: for place name (+ from), noted as ex Orissa, Similipol Hills, India. cf. *Eria meghasaniensis* (S.Misra) S.Misra 1989.

megistantha: greatest; largest + flower. cf. *Stelis megistantha*.

megistophylla: ref. *megistos*: greatest; largest + leaf. cf. *Oeceoclades megistophylla*.

megistosolen: greatest; largest + *solen*: tube; pipe; channel; also a word for a kind of shellfish, mollusc. cf. *Habenaria megistosolen*. syn. *H. cirrhata*.

meifongensis: for place name (+ from), listed as ex central Taiwan. cf. *Listera meifongensis* H.J.Su & C.Y.Hu 2000.

meijeri: listed for botanist, Willem Meijer (b1923). ex Borneo, cf. *Dendrochilum meijeri* J.J.Wood 1994. syn. *D. dolichobrachium*.

Meiracyllium: Rchb.f.1854: listed as Lat'd. from *meirakyllion*: stripling; youth (: young person). ex Mexico, eg. *Meiracyllium gemma*.

meiracyllium: as last entry. cf. *Dryadella meiracyllium*.

meirax: lit., a youngster, esp. a young girl. cf. *Porpax meirax*.

mejiae: as *mejiana*. ex Venezuela, cf. *Maxillaria mejiae* Carnevali & G.A.Romero 2000.

mejiana: listed for orig.coll., Don Alvaro Mejia (+ belonging to) of Antioquia, Colombia. cf. *Masdevallia mejiana* Garay 1970.

mekynochila: elongate; lengthen + lip. cf. *Lepanthes mekynochila*.

mekynosepalum: ref. *mekyno*: elongate; lengthen + sepal. cf. *Diplocaulobium mekynosepalum*.

mel-, *meli-*, *mell-*: had a hard time with many combwds., until I learned that these (mostly) mean: (of) honey; anything to do with honey. eg. See *meliodorum*.

mela-, *melan-*, *melano-*: used in compwds., ref. *melas*: black; very dark, generally. Not specific, as something can appear to be black and yet, may be very dark blue, green, red, etc. To save much repetition, I usually say it is "black".+ See *melin-*.
melachila: black + lip. cf. *Pleurothallis melachila*.
melachyla: see *mel-*: of honey (?) + ref. *chylos*: moisture; juice. cf. *Pleurothallis melachyla*.
melagramma: "black" + letter(s); mark(s). cf. *Pterostylis melagramma*. Noted as endemic to s.east Aust.
melagrammus: as *melagramma*. cf. *Oligochaetochilus melagrammus*. syn. *Pterostylis melogramma*.
melaleuca: if lit.trans: black + white, but *-leuca* can infer paleness: black + pale = a grey (?). It's also a tree: *Melaleuca*, see next entry. cf. *Eria melaleuca*.
melaleucaphilum: *Melaleuca* + loves. Noted as commonly found growing on the tree, *Melaleuca stypheloides*, common name: paperbark tree, of the family: *Myrtaceae*. cf. *Dendrobium tetragonum* var. *melaleucaphilum*. Noted as endemic to NSW., Aust.
melanantha: black + flower. Not really "black", another ref. desc. it as "violet" (see *ionocharis*). cf. *Polystachya melanantha*.
melanema: black + thread(s). cf. *Caladenia melanema*. Noted as endemic to s.west Aust.
melanemum: black + thread(s). cf. *Calonema melanemum*. syn. *Caladenia melanema*.
melanocaula: black + stem; stalk. cf. *Barkeria melanocaula*.
melanocaulon: black + stem; stalk. Ref. the very dark leaf-sheaths of the stem. In the description they are noted as: *atrobrunneus* (see *atri-* + *brunneus*): dark (or, strongly) brown. cf. *Glomera melanocaulon*.
melanocentrum: black + centre. Ref. the top and front of the column and the base of the lip having lamellae, being "black" (actually: very dark purple). cf. *Odontoglossum melanocentrum*.
melanochlamys: black + cloak; cape. cf. *Dendrobium melanochlamys*. syn. *D. villosulum*.
melanochlorus: black + green: a vague colour term: very dark green; blackish green.
melanochthoda: black + ref. *ochthodes*: hilly (: black hills. Maybe a common name of an area where it was found. Or, perhaps it has some very dark little lumps?). ex Ecuador, cf. *Pleurothallis melanochthoda* Luer & Hirtz 1996.
melanodiscus: black + something round and flat. Probably ref. the labellum disc. cf. *Dendrobium* x *melanodiscus* Rolfe 1889 (syn.).
melanoglossa: black + tongue. cf. *Liparis melanoglossa*. syn. *L. nervosa*.
melanoglossum: black + tongue. cf. *Bulbophyllum melanoglossum*.
melanolasium: black + see *lasi-*: hair + suffix: of. Ref. exterior of sepals and ovary. cf. *Dendrobium melanolasium*. syn. *D. finisterrae*.
melanophthalmum: *melan-* + *ophthalmum*: black + eyed. Has two very dark eye-like spots, cf. *Dendrobium melanophthalmum*. syn. *Dendrobium pendulum*.
melanophylla: black + leaf (in fact: a very dark violet). cf. *Malaxis melanophylla*.
melanophyllum: as *melanophylla*. cf. *Crepidium melanophyllum*. syn. *Malaxis melanophylla*.
melanopoda: black + foot. cf. *Bifrenaria melanopoda*.
melanoporphyreum: black + purple + suffix: for the colour, or like. cf. *Epidendrum melanoporphyreum*.

melanops: black + face. Ref. the "face" of the flowers: very dark brownish-purple, appearing "black". cf. *Mormodes pardinum* var. *melanops*.
melanopus: black + foot. cf. *Masdevallia melanopus*.
melanorrhachis: black + see rachis: flower stem part. Not black, mostly a very dark green. cf. *Bulbophyllum melanorrhachis*. syn. *Bulbophyllum falcatum* var. *velutinum*.
melanostele: black + pillar; column. cf. *Pleurothallis melanostele*.
melanosticta: black + dots; spots. cf. *Amblyanthe melanosticta*. syn. *Dendrobium melanostictum*.
melanostictum: black + dotted. cf. *Dendrobium melanostictum*.
melanostictus: black + dotted. cf. *Amblyanthus melanostictus*. syn. *Dendrobium melanostictum*.
melanothrix: black + hair. cf. *Sobralia melanothrix*. syn. *S. atropubescens* (: dark + see pubescent).
melanotoessa: most, or much blackened. cf. *Malaxis melanotoessa*.
melanotricha: black + hair. cf. *Distichorchis melanotricha*. syn. *Dendrobium melanotrichum*.
melanotrichoides: black + hair + resembling. cf. *Epidendrum melanotrichoides*.
melanotrichum: black + hair. Ref. the leaf-sheaths. cf. *Dendrobium melanotrichum*.
melanoxantha: black + yellowy-brown. cf. *Masdevallia melanoxantha*.
melanoxanthum: by the description, this is listed for two features: has a dark leaf (: melano-) and yellowish pseudobulbs (:-xanthum). cf. *Bulbophyllum melanoxanthum*.
melanoxeros: black + ref. xeros: dry. cf. *Epidendrum melanoxeros*.
melanthes: mel-: black; very dark + flower. cf. *Cyrtorchilum melanthes*.
meleagris: a guinea-fowl. The flower's unusual spotting was likened to the bird's plumage. cf. *Huntleya meleagris*.
Meleagris: see *meleagris*. = *Masdevallia* subgenus.
meliantha: see mel- + flower. Possibly for a colour: a clear, amber-brownish (like honey). cf. *Diaphananthe meliantha*. syn. *Rhipidoglossum melianthum*.
melianthum: as *meliantha*. cf. *Rhipidoglossum melianthum*.
Meliclis: Raf.1837: meli-: honey(ed) +-clis, ref. kleis: key, or more likely, ref. clisia: a couch; bed; place for lying down (?). From the description, could ref. to nectar in a pouch of the lip. syn. *Coryanthes* Hook.
melicoides: ref. *melica*: sorghum (a kind of grain) + resembling. cf. *Pleurothallis melicoides*. syn. *P. segoviensis*.
melilotus: I had all sorts of ideas for this and eventually found it's a kind of bean. Ref. *Melilotus*: a genus of the pea and bean family: *Fabaceae*. The author obviously saw some superficial likeness. cf. *Bulbophyllum melilotus* J.J.Sm.1929.
melin-, *melino-*: used in combwds. and quite confusing. Could ref. to *melinos*: a vague colour term: quince yellow. + Ref. *melinum*: "Melian white" (: of the Gk. island of Melos) and sometimes is the same as *mela-*: "black", etc. eg., see *melinanthum*, where *melin-* is reported as: "dark".
melina: see *melin-*. cf. *Maxillaria melina*.
melinantha: dark + flower. cf. *Oberonia melinantha*.

melinanthum: *melin*-+*-anthum*: dark + flower. Flowers are mostly a very dark red. cf. *Dendrobium melinanthum*. + See next entry.

melinanthum: another entry as this specep. has to be: *mel*-+*-in(a)* +*-anthum*: honey + like (or, for the colour, see *-ina*) + flower. See the "correct name", *electrinum*: amber + colour. cf. *Cirrhopetalum melinanthum*. syn. *Bulbophyllum electrinum*.

melinoacron: see *melin*-+ at the top. cf. *Epidendrum melinoacron*. syn. *E. acuminatum*.

melinoglossum: see *melin*-+ tongue. cf. *Bulbophyllum melinoglossum*.

melinoglossus: see *melin*-+ tongue. cf. *Hapalochilus melinoglossus*. syn. *Bulbophyllum melinoglossum*.

melinosema: see *melin*-+ ref. *sema*: mark; sign. cf. *Calanthe melinosema*. syn. *C. vestita*.

melinostachyum: see *melin*-+ spike (: inflo.). cf. *Bulbophyllum fuscum* var. *melinostachyum*.

melinostele: see *melin*-+ pillar; column. cf. *Epipactis melinostele*. syn. *Goodyera schlechtendaliana*.

meliodorum: sweet, honey-like + odour; scent. cf. *Dendrobium meliodorum*.

meliosma: sweet, honey-like + ref. *osme*: smell. It's also possible, it may be dark + ref. *osmos*: pushing forward (see *osmo*-). More likely, the former. cf. *Encyclia meliosma*.

meliosmum: as *meliosma*. cf. *Epidendrum meliosmum*. syn. *Encyclia meliosma*.

meliphagi-rostrum: *meliphagi*-+ *rostrum*. Ref. *Meliphagidae*: birds of the honeyeater family + beak. Listed as ref. the labellum. cf. *Bulbophyllum meliphagi-rostrum*. Noted as endemic to Papua, Indon.

melistagum: could be: (a) drop of honey (as, nectar). See *mel*-+ ref. *stagon*: a drop. Or, could be: black + drop (as a spot, or spotted?). cf. *Epidendrum melistagum*.

melitensis: Lat'd. spelling for place name: from *Melita*: the Mediterranean island of Malta. cf. *Ophrys melitensis* (Salk.) Devillers-Tersch.& Devillers 1994. syn. *O. sphegodes*.

melittanthus: ref. *melitta*: a bee + flower, cf. *Myoxanthus melittanthus*. This strengthens my explanation, see *Myoxanthus*, as: (for) a yellowy-brown fly.

melittophily: technical term for when flowers are pollinated by bees.

melleri: for orig.coll., botanist C.Meller (+ of), ex central Africa. cf. *Bulbophyllum melleri* (Hook.f.) Rchb.f.1878. syn. *B. sandersonii*.

melleum: as *melleus*. cf. *Bulbophyllum melleum*.

melleus: descwd., same as *mellinus* (honey colour). + Can be: having the smell of honey.

mellicolor: ref. *mellis*: honey + colour. Ref. the floral segments. cf. *Dendrobium mellicolor*.

melliferous: honey-making, or producing. For us, not honey as such. Noted the correct term that should be used, for orchids is: *nectiferous*.

melliferum: honey + bearing. The lip has a small longitudinal groove where nectar collects. cf. *Bulbophyllum melliferum*. syn. *B. rugosum*.

mellifluum: honey + flowing. cf. *Oncidium mellifluum*. syn. *O. loefgrenii*.

mellinus: see *meli*-, *mell* + see *-ina*.+ A vague colour term: honey + like; honey colour.

melliodora: honey + smell; scent. cf. *Polystachya melliodora*.

mellitula: see *mellitus* + dimin. cf. *Cynorkis mellitula*.

mellitum: see *mellitus*. cf. *Dendrobium mellitum*. syn. *D. clavator*.

mellitus: descwd.: concerning honey; honeyed. To do with honey, ie.: sweet; the smell; being sticky, etc.(not so for the colour, as this is usually expressed as *mellinus*).

melloi: listed for botanist and author, A.F.Mello (+ of). ex Rio de Janeiro state, Brazil, cf. *Bulbophyllum melloi* Pabst 1977.

mello-leitonii: a phonetic, Lat'd. form of spelling the name of Prof. Mello Leitão. ex Espirito Santo, Brazil, cf. *Habenaria mello-leitonii* Ruschi 1946.

melpomene: should imply "beauty". Ref. Gk.myth., Melpomene was one of the nine Muses (see "M"). ex Ecuador, cf. *Lepanthes melpomene* Luer & Hirtz 1996.

melvillei: listed for botanist, Ronald Melville. ex Brazil, cf. *Habenaria melvillei* Ridl.1885.

membracidoides: ref. membracid (ex *membrax*, *membrakos*): a cicada + like + resembling. cf. *Pleurothallis membracidoides*.

membranacea: see membranaceous. cf. *Phyllorkis membranacea*. syn. *Bulbophyllum membranaceum*.

membranaceous: having the properties of a membrane. Fine, parchment-like and semi-translucent; like very fine skin, or a film.

membranaceum: as membranaceous. Ref. the petals. cf. *Bulbophyllum membranaceum*. Pers.coll., common ex PM.PNG.

membranaceus: descwd.: as membranaceous; membrane + like.

membrane: ex *membrana*: a covering. A very fine, soft film of tissue, usually semi-translucent.

membranifer: membrane + bearing. cf. *Sarcochilus membranifer*. syn. *Macropodanthus membraniferus*.

membraniferum: membrane + bearing. cf. *Pteroceras membraniferum*. syn. *Macropodanthus membraniferus*.

membraniferus: membrane + bearing. cf. *Macropodanthus membraniferus*.

membraniflora: membrane + flower. cf. *Trichosalpinx membraniflora*. syn. *T. dura*.

membranifolia: membrane + leaf. cf. *Coelogyne membranifolia*. syn. *C. septemcostata*.

membranifolium: membrane + leaf. cf. *Bulbophyllum membranifolium*.

membranous: see membrane. Being membrane-like.

memor: lit., mindful; remembering; in memory (of). + Can be: notable; worth remembering. cf. *Trichosalpinx memor*.

memoralis: see *memor* + see *-ale*: of, etc. cf. *Serapias memoralis*. syn. *Epipactis helleborine*.

memoria-fournieri: (in) memory of + see *fournieri* (E.P.N.Fournier). cf. *Cypripedium x memoria-fournieri* Cogn. Listed among the synonyms, without further info.

menaboiensis: for place name (+ from), only listed as ex Borneo, Indon. cf. *Cystorchis sacosepala* var. *menaboiensis* J.J.Sm.1927.

Menadena: Raf.1837: moon (as, crescentic) + gland. syn. *Maxillaria* Ruiz & Pav.

Menadenium: Raf.1836: as *Menadena* + suffix: like. eg. *Menadenium rostratum*. syn. *Zygosepalum labiosum*.

menaiense: for place name: from Menai, near Sydney, NSW., Aust. cf. *Prasophyllum ruppii* var. *menaiense* Rupp 1943. syn. *Prasophyllum ruppii*, but this is also listed as syn. to *Genoplesium ruppii* (R.S.Rogers) D.L.Jones 2001.

Menanthous: ref. *men*: month, or moon + flowered.= *Dendrobium* section.

mendax: lying (as: deceiving). Obviously, not what the author expected. cf. *Cyrtorchilum mendax*.

mendelii: of Mendel. Listed for noted grower and generous patron of horticulture, Samuel Mendel of Manchester, Eng., first to flower it. ex Colombia, cf. *Cattleya mendelii* L.Linden & Rodigas 1886.

mendiolae: for place name (+ of), listed as ex n.west Peru. cf. *Telipogon mendiolae* Dodson & D.E.Benn.

mendoncae: monotypic ex Brazil. Listed for botanist and author, Francisco de Ascensão Mendonça (1889-1982). cf. *Rhamphorhynchus mendoncae* (Brade & Pabst) Garay.

mendoncanum: belonging to Mendonça, see *Mendoncella*. cf. *Dendrobium mendoncanum* A.D.Hawkes. syn. *D. austrocaledonicum*.

Mendoncella: A.D.Hawkes 1963. Listed for Luys de Mendonça e Silva (+-ella: respectful suffix), editor of the Brazilian journal "Orquidea". ex Brazil and Peru, eg. *Mendoncella ciliata*. syn. *Galeottia ciliata*.

x *Mendosepalum*: auct. On the syn. list, cf. *Mendoncella* x *Zygosepalum*.

mendozae: of Mendoza. Listed for orig.coll., Hartman Mendoza. ex Zamor Chinchipe Prov., Ecuador, cf. *Masdevallia mendozae* Luer 1983.

menelikii: of Menelik. May be for Emperor Menelik II (1844-1913) of Ethiopia. This species does come from Ethiopia, so the specep. could also be an oblique ref. to this country. cf. *Eulophia menelekii* Pax 1907. syn. *Eulophia eustachya*.

Menephora: Raf.1838: ref. *mene*: moon + bearing. Probably for the lip. syn. *Paphiopedilum Pfitzer*.

meneziana listed for botanist and authoritative orchidologist, N.L.Menezes. ex Goiás, Brazil. cf. *Encyclia meneziana* J.González 1992.

menghaiense: from Menghai, a town of sthn. Yunnan Prov., China. cf. *Bulbophyllum menghaiense* Z.H.Tsi 1981.

menghaiensis: as *menghaiense*. cf. *Gastrodia menghaiensis* Z.H.Tsi & S.C.Chen.

menglaensis: from Mengla (village), sthn. Yunnan Prov., China. cf. *Oberonia menglaensis* S.C. Chen & Z.H.Tsi.

menglianensis: from Menglian (village), westn. Yunnan Prov., China. cf. *Brachycorythis menglianensis* Y.Y.Qian 2001.

menglunense: from Menglun (village), sthn. Yunnan Prov., China. cf. *Bulbophyllum menglunense* Z.H.Tsi & Y.Z.Ma.

meniscophora: see *meniskos* + bearing. cf. *Lepanthes meniscophora*.

meniskos: listed as a dimin. of *mene*: small moon: crescentic. Ref. the petals. cf. *Lepanthes meniskos*.

Menoneuron: moon + nerved (veined).= *Liparis* subgenus.

Menophyllum: (ref. *menos*: moon) crescentic + leaf.= *Oberonia* section and/or subgenus.

mentakabense: for place name: from Mentakab (aka. Mentekab), a major town of Pahang, Malay Peninsula, Malaysia. cf. *Pteroceras mentakabense* (Carr) Bakh.f.1963. syn. *Ascochilus emarginatus*.

mentakabensis: see *mentakabense*. cf. *Sarcochilus mentakabensis* Carr 1929. syn. *Ascochilus emarginatus*.

mentakapensis: see *mentakabense*. cf. *Pteroceras mentakapensis* (Carr) Bakh.f. syn. *Ascochilus emarginatus*.

mentawaiense: as *mentaweiensis*. cf. *Podochilus mentawaiense* J.J.Sm.1932.

mentaweiensis: for place name: from Mentawai Islands group (*Keplauan Mentawai*), off the central west coast Sumatra, Indon. cf. *Eria mentaweiensis* J.J.Sm.1920.

mentiens: lying; deceiving; cheating, etc. cf. *Caladenia mentiens*. Endemic to Tas., Aust.

mentiferum: as *mentigera*. cf. *Bulbophyllum mentiferum*.

mentigera: ref. *mentum*: chin, or ref. *mentiens*: lying; deceiving (?) + bearing, cf. *Pleurothallis mentigera*.

mentigerum: as *mentigera*. cf. *Oncidium mentigerum*. syn. *Cyrtochilum myanthum*.

mentosa: see *mentum* + *-osa* (: chin-like. Or, with a well developed, or prominent chin?). cf. *Phreatia mentosa*.

Mentosae: as *mentosa* (+ of). Ref. the sepaline tube.= *Masdevallia* section.

mentosum: as *mentosa*. cf. *Dendrobium mentosum*. syn. *Flickingeria fimbriata*.

mentosus: see *mentosa*. cf. *Anthreon mentosus*. syn. *Pleurothallis mentosa*.

mentotonsa: ref. *mentum*: chin + ref. *tonsum*: shaven; bare, etc. An oblique ref. to the plain lip (being unfringed). cf. *Habenaria fimbriata* forma *mentotonsa*. syn. *Platanthera grandiflora*.

mentum: chin. The structure formed at the column-foot and bases of the lateral sepals.

-mentum: used in combwds. (not as a *mentum*). It denotes an action; condition; result; state (of); tool, etc., eg. *acrimentum* is not necessarily: sharp + chin and may also be: *acri*-+*-mentum*: sharp + the condition, etc.: (something) sharpened; sharp-pointed.

menziesii: for orig.coll., medical doctor and botanist, Dr.Archibald Menzies (1754-1842).

Born in Scotland, he began his career as a gardener with the Edinburgh Bot.Gardens. Studied medicine and then became a surgeon in the navy. Also a noted naturalist, he was with Captn.George Vancouver, a famous English explorer, on a voyage circumnavigating the world 1791-'94. They called at King George's Sound, West.Aust., where he collected many specimens and curios. cf. *Caladenia menziesii* R.Br.1810. Noted, it also flowers more vigorously after a bush-fire, conditionally by the orchid being in the right place at the right time. Listed as endemic to sthn. Aust.

menziesii: listed for authoritative collector, naturalist (botanist?), P.Menzies. ex nth.

America, cf. *Goodyera menziesii* Lindley 1840. syn. *G. oblongifolia*.

mephistopheles: is just an exotic name for the Devil, Satan, etc., ref. to my comments at *lucifer*. Trivium: noted, the name Mephistopheles is first featured in the collection of legends, *Historia von Dr. Johann Fausten* (Frankfurt 1587). Faust (Latin, *Faustus* 1480?-1540?), a teacher and magician was believed to also practise "black magic" and to have supernatural powers. ex Napo Prov., Ecuador, cf. *Lepanthes mephistopheles* Luer & Hirtz 1987.

-mera, *-merum*, *-merus*: used in combwds., ref. *meros*, *meris*: part; piece; portion, eg.

micromera: small part(s).

merae: could be for a person (+ of), but also, by the given location, may ref. to: Mera (village), Morona Santiago Prov., Ecuador. cf. *Myoxanthus merae* (Luer) Luer 1982.

merana: belonging to Mera, see *merae*. cf. *Chondrorhyncha merana* Dodson & Neuecker.

merapiense: see *merapiensis*. cf. *Taeniophyllum merapiense* Schltr.1911.

merapiensis: from Merapi. Officially listed as ex Gunung Merapi, Sumatra, but Gunung Merapi, an active volcano, is on the neighbouring island of Java (unless there are two of them?). On Sumatra, have only a ref. to Merapi village of Sumatera Selatan (?). cf. *Oberonia merapiensis* Schltr.1911.

meraukensis: for place name: from Merauke, (now) a major town of the south coast Papua, Indon. cf. *Habenaria rumphii* var. *meraukensis* J.J.Sm.1909.

mercenaries: (my usage of the term). Paid collectors who had to be tougher than their modern military counterparts. Commissioned by major nurseries and wealthy growers, etc., to scour the ends of the earth for “novelty” plants (not just orchids), in commercial quantities, to satisfy the demand by the wealthy gentry. (To be fair, many of whom were genuine professionals, scientists, etc.). At the height of the boom period, circa early to late 1800s, the famous company, Sander & Co. of St. Albans, Eng., alone maintained approx. 40 men collecting exclusively for them, world-wide. Virtually unscrupulous, they would go to extraordinary lengths in their collecting methods and to maintain the secrecy of their discoveries. Many are famous now, but at the time, it was “fortune” they were seeking, not “fame”! For some examples see: *fairrieianum*, *sanderiana*, *schroederianum*, *vexillaria*. + Of interest, see prices (“P”).

merchae: may be for a person’s name (+ of). Also ref. Puerto Merchao (village), Apure state, Venezuela (?). cf. *Catasetum merchae* G.A.Romero 1988.

merguense: for place name: from Mergui. Listed as ex Tenasserim, an island of the **Mergui** Archipelago, Myanmar. + See *merguensis*. cf. *Thrixspermum merguense* (Hook.f.) Kuntze 1891.

merguensis: same as *merguense*, or from one of the other islands, of the archipelago. + Could ref. to Mergui city, of Mergui District, west coast sthn. Myanmar. cf. *Eria merguensis* Lindley 1859.

meridana: for place name: belonging to Mérida city, Sierra Nevada N.Park, and/or for the state of Mérida, Venezuela. cf. *Bletia meridana* (Rchb.f.) Garay & Dunsterv.1976.

meridense: from Mérida, see *meridana*. cf. *Bulbophyllum meridense* Rchb.f.1849.

meridensis: as *meridense*. cf. *Maxillaria meridensis* Lindley 1846.

meridionale: south; southern; of the south (the example was found in sthn.West.Aust.). cf. *Calonema meridionale*. syn. *Caladenia meridionalis*.

meridionalis: as *meridionale*. cf. *Caladenia meridionalis*. Noted as endemic to s.west Aust.

meristem: ex *meristos*: divisible. Of certain plant tissue, usually at the tip of an organ, the cells of which are capable of division and forming sister cells (see “S”). + See next entry.

meristem culture: a method of vegetative reproduction, with other flora is often called. micropropagation. The science of creating clones under laboratory conditions,

from a minute piece of the tissue of a single plant. The piece taken is called the explant. (See "E") + see sister cells (at "S").

meristorhachis: divided; division + rachis: flower stem part. cf. *Bulbophyllum meristorhachis*.

merovens: for place name: from Merovce, a town in the Carpathian Mtns., Slovakia. cf. *Orchis merovens* Grossh.1927. syn. *Dactylorhiza umbrosa*.

merraniae: of Merran. Listed for orig.coll., Ms.Merran Sutherland. cf. *Thelymitra merraniae* Nicholls 1929. Noted as endemic to s.east Aust.

merrilliana: see *merrillianum*. cf. *Robiquetia merrilliana* (Ames) Luckel, M.Wolff & J.J.Wood 1989. syn. *Cleisocentron merrillianum*.

merrillianum: belonging to Merrill. For Elmer Drew Merrill (1876-1956). Phytologist and authoritative collector, of the Bureau of Science, Manila, Philipp. Descs. accr. to him are abbr. to: Merr. ex Borneo, cf. *Cleisocentron merrillianum* (Ames) Christenson 1992.

merrillianus: as *merrillianum*. cf. *Sarcanthus merrillianus* Ames 1920. syn. *Cleisocentron merrillianum*.

merrillii: as *merrillianum*. ex the Philipp., cf. *Dendrobium merrillii* Ames 1908.

merrittii: of Merritt. Listed for orig.coll., M.L.Merritt, ex Mindoro, Philipp. cf. *Bulbophyllum merrittii* Ames 1907.

mertensiana: belonging to Mertens. Listed for German botanist, Franz Carl Mertens (1764-1831). Descs. accr. to him are abbr. to: Mert. ex the USA., cf. *Corallorrhiza mertensiana* Bong.1833.

merzii: may be for a person's name (+ of). Also noted Merz, a town of Brandenburg, Germany, perhaps for where it flowered in cultivation (?). Listed as ex Costa Rica to Ecuador, cf. *Gomphicis merzii* Senghas 1994. syn. *G. costaricensis*.

Mesadenella: Pabst & Garay 1953. See *Mesadenus* + dimin. Noted, it has a close resemblance. ex Brazil, eg. *Mesadenella atroviridis*.

Mesadenus: Schltr.1920, ref. *mesos*: middle + gland. Has a tooth- like gland at the anther. ex Mexico, eg. *Mesadenus affinis*.

mesae: for place name (+ of), only listed as ex Colombia. Ref. Mesa de Chiguiro (village), Cundinamarca Department, or Mesa de Yambi (mtn. peak), of Vaupés. cf. *Eriopsis mesae* Kraenzl. 1920.

mesaritica: listed as Lat'd. spelling for place name: belonging to the Mesara Plain, of sthn. Crete (island, Greece). cf. *Ophrys mesaritica* Paulus & C.& A.Alibertis 1990. syn. *O. iricolor*.

mesial: ex *mesos*: middle + Eng. suffix: of, or to do with the middle. On the middle line of an organ, or part (see median line).

Mesicera: Raf.1825: middle + horn(s). The labellum has narrow elongated lobes which the author likened to "horns" (in the middle). syn. *Habenaria* Willd.

meso-: used in compwds., ref. *mesos*: middle. Intermediate; between; mid-; in between.

mesobybos: ref. *mesos*: middle + *bybos*, haven't any ref. for this and it's probably an error for *hybos*: hump (?). ex Colombia, cf. *Stelis mesobybos* (*mesohybos*?) Schltr.1924.

mesocarpum: see *meso-*+ fruit (capsule). cf. *Epidendrum mesocarpum*.

mesocera: middle + horn. Ref. apex of the column. cf. *Caladenia mesocera*. Noted as endemic to s.west Aust.

mesochil, *mesochile*, *mesochilium*: (different books, different spelling): the broad middle part, when there are three distinct parts to a labellum. + See *epichil*, *hypochil*, *isthmus*.

mesochlaena: middle + ref. *chlaina*: wrapper; cloak. cf. *Lycaste mesochlaena*.

mesochlora: middle + green. cf. *Lepanthes mesochlora*.

mesochlorum: my first guess was mid-green, but it's "green in the middle". Refs. to the disc, or blade of the labellum. cf. *Dendrobium mesochlorum*. syn. *D. amoenum*.

Mesoclastes: Lindley 1830: *meso*:- middle + ref. *klastos*: broken. As if the lip is broken in the middle (sharply deflexed). syn. *Luisia* Gaudich.

mesocopis: see *meso*- + see *copi*:- heavy knife; cleaver, etc. cf. *Scaphyglottis mesocopis*.

mesodactyla: middle + finger(s). The petals and lip are cleft and could be likened to (five) fingers (-*dactyla*) in the middle (*meso*-). cf. *Habenaria mesodactyla*. syn. *H. leprieurii*.

Mesodactylis: Wall.1830: middle + finger. Ref. the column. eg. *Mesodactylis deflexa*. syn. *Apostasia wallichii*.

mesodon: middle + tooth. Ref. the labellum. cf. *Bulbophyllum mesodon*.

Mesoglossum: Halb.1982. Noted as coined from *mesos*: middle + *-glossum*, from *Odontoglossum*. Listed as monotypic ex Mexico, the genus was created because, as *Odontoglossum londesboroughianum*, it never fitted into any of the correct sections. It was in between; in the middle (*meso*-). cf. *Mesoglossum londesboroughianum* (Rchb.f.) Halb.1982.

mesohybos: middle + hump, see *mesobybos* (?). cf. *Stelis mesohybos*.

mesomelana: middle + black. Centre of the lip is blotched with "black" (actually, dark violet). cf. *Orchis champagneuxii* var. *mesomelana*. syn. *Anacamptis champagneuxii*.

mesomicron: see *meso*- + see *micr*:- small, etc. cf. *Epidendrum mesomicron*.

mesoperuviensis: from the middle of Peru. cf. *Trichopilia mesoperuviensis* Klikunas & Christenson 2004.

mesophyll: the sponge-like inner material, esp. of stems, leaves and other thicker parts. + See *fungosus*, *parenchyma*.

mesophylla: middle + leaf. Noted, it's because the leaves are usually arranged centrally, at the middle of the stem. cf. *Habenaria mesophylla*. Noted as endemic to NT., Aust.

mesophyllous: is not to do with *mesophyll*. It's a descwd. seen in discussions, eg. montane *mesophyllous* forest (coined from: middle + of leaves), ie. not as alpine foliage and not as the usual lowland foliage. + Can ref. to the temperate region of mountainous habitats, esp. of the tropics: in the middle; not hot and not cold.

mesophyllum: middle + leaf. cf. *Physoceras mesophyllum*.

mesophyte: a general term for those plants that grow in a very moist habitat. Not drowned in seasonal monsoons and then a long dry spell, but where it is always constantly wet.

Mesoptera: Raf.1833: middle + wings. Has wing-like projections on the column. syn. *Liparis*.

Mesospinidium: Rchb.f.1852: *meso*:- middle + ref. *spinidion*: small bird (like a finch).

Alluding to the anther-cap likened to the bird's head. eg. *Mesospinidium panamense* Garay.

mesotonic: located roughly at, or in the middle. The word is mainly seen relative to habitats. eg. A plant growing close to the edge of a desert and yet getting adequate rainfall, is in a mesotonic region.

mesquिताe: for place name: of Mesquita, a large town of central Minas Gerais state, Brazil.* cf. *Cattleya* x *mesquिताe* L.C.Menezes 1996. Noted as a natcross of *C. nobilior* x *C. walkeriana*. *But, it is listed as first found ex Goiás state, with no mention as to why it was named for Mesquita. Perhaps this was where it was first flowered (?).

messeniensis: from Messenia (Messinía), admin. division of Peloponnesus, s.west Greece. cf. *Ophrys* x *messeniensis* H.Baumann & Künkele.

Mesuspseudium: listed as such, but is probably an error for *Mesospinidium*. eg.

Mesuspseudium cochliodum. syn. *Symphyglossum sanguineum*.

meta: a pyramidal, or conical pillar, or column. Can be like a boundary marker, used when land has been surveyed. eg. See *metachilinum* (the lip was likened to a meta).

meta:- not as meta. Used in compwds.: between; changed for; associated with; among.

metabifolia: see meta; *meta*-+ two + leaf (?). cf. *Platanthera metabifolia*.

metachilina: as *metachilinum*. cf. *Callista metachilina*. syn. *Dendrobium metachilinum*.

metachilinum: see meta + lip +-ina: like, etc. cf. *Dendrobium metachilinum*.

Metachilum: Lindley 1830: see meta + lip. eg. *Metachilum cyathiferum*. syn. *Appendicula anceps*.

metae: of Meta. Only listed as ex Colombia, ref. Meta Department (admin. division), and/or the Meta River (borders with Venezuela). cf. *Restrepia metae* Luer 1996.

metallescents: metal + suffix: tending to; becoming. Refs. to the leaves, as it's a physurid (see "P"). cf. *Aspidogyne metallescens*.

metallica: metallic; having a metallic lustre. cf. *Malaxis metallica*.

metallicum: as *metallica*. cf. *Angraecum metallicum*.

metallicus: as *metallica*. Also a descwd., used with colours, or discussing a surface: having a metallic lustre.

metallicus: as last entry. *Calochilus metallicus*. Noted as endemic to Qld., Aust.

metallina: metal + like; (as if) metallic. cf. *Cleisthes metallina*.

metamorphia: see meta-+ shape; form. cf. *Trichosalpinx metamorphia*.

metaxy: between. cf. *Lepanthes metaxy*. syn. *L. biloba*.

methonensis: for place name (+ from), only listed as ex Greece. Noted two places named Methóni, a minor coastal city of Messinía, Peloponnesus and a town of Pieria, central Macedonia. cf. *Ophrys* x *methonensis* H.Baumann & Künkele 1986.

metlesicsiana: listed for Austrian botanist, Dr. Metlesics (+ belonging to). Noted as endemic to Tenerife Island, of the Canary Islands (Spanish Prov.). cf. *Barlia metlesicsiana* W.P.Teschner 1982.

metlesicsianum: as *metlesicsiana*. cf. *Himantoglossum metlesicsianum* (W.P.Teschner) P.Delforge 1999. syn. *Barlia metlesicsiana*.

metoensis: for place name (+ from), listed as ex the Himalayas, s.east Tibet. cf. *Calanthe metoensis* Z.H.Tsi & K.Y.Lang.

metonymon: changed + name. cf. *Bulbophyllum metonymon*.

metrium: mown, listed as ex *metere*: to mow; cut. Ref. the shorter petals (?). cf. *Dendrobium metrium*.

metsowonensis: for place name (+ from), only listed as ex Greece. Could be for either, Zigós Metsóvon, a mtn. pass, or a little further south, the town of Métsovon, Ioannina, Epirus (?). cf. *Dactylorhiza x metsowonensis* B.& H.Baumann 1984.

metteniae: of Mettenius. Listed for botanist and author, Georg Heinrich Mettenius (1823-1866). ex Africa, cf. *Ancistrorhynchus metteniae* (Kraenzl.) Summerh.1944.

mexicana: belonging to Mexico. cf. *Calanthe mexicana* Rchb.f.1844. syn. *C. calanthoides*.

mexicanum: as *mexicana*. cf. *Pachyphyllum mexicanum* Dressler & Hágsater 1976.

mexicanus: as *mexicana*. cf. *Ornithocephalus mexicanus* A.Rich.& Galeotti 1845. syn. *O. inflexus*.

Mexicoa: Garay 1974: of Mexico. Noted as endemic and monotypic to Mexico. cf. *Mexicoa ghiesbreghtiana*.

Mexipedium: V.A.Albert & M.W.Chase 1992: listed as coined from Mexico (**Mexi-**) + *Phragmipedium* (**-pedium**). cf. *Mexipedium xerophyticum*. Noted as monotypic and endemic to sthn. Mexico.

meyenii: of Meyen. Listed for botanist, Franz Julius Ferdinand Meyen (1804-1840). ex Borneo, cf. *Arundina meyenii* (Schauer) Rchb.f.1852. syn. *A. graminifolia*.

meyeriana: for orig.coll., Robert Meyer (Mayer? + belonging to). ex Java, etc., cf. *Coelogyne meyeriana* Rchb.f.1877. Took this from a book I was working on, but there isn't any official listing. There is a *Coelogyne mayeriana* with the same references (?).

mezae: of Meza (village), central westn. Los Rios Prov., Ecuador. cf. *Lycaste mezae* D.E.Benn.& Oakeley 1994.

miamiense: cf. *Oncidium miamiense* (*nomen nudum*). Reported to be from Miami, Florida, USA., but is controversial as modern authorities say it is *Oncidium variegatum*.

micacea: mic- is a contraction and could ref. to *mico*: twinkle; sparkle, etc.(see *micans*), and/or ref. *mica*: morsel; grain; bit; crumb + see *-acea*: like, etc. (probably the latter). cf. *Stelis micacea*.

micans: sparkling; twinkling; flickering; shining. cf. *Cymbidium micans*. syn. *C. ensifolium*.

micellilabia: ref. *micella*, listed as dimin. of *mica*: a morsel; crumb; grain; bit + lip. cf. *Lepanthes micellilabia*.

michauxii: listed for author, botanist and naturalist, Francois André Michaux (1770-1855). Listed as ex s.east USA. to nthn. Sth.America, cf. *Platanthera michauxii* A.W.Wood 1861. syn. *Habenaria quinqueseta*.

Michelia: refs. to *Michelia* (+ of), a genus of shrubs and trees (commonly: champac) with strongly perfumed flowers (of the magnolia family, *Magnoliaceae*). The author,

saw some superficial likeness, or perhaps, it's for the perfume (?). ex Haiti, cf. *Lepanthopsis micheliae* Dod 1984.

micheliana: belonging to Micheli. Listed for botanist and author, Marc Micheli (1844-1902). ex Mexico, cf. *Lycaste micheliana* Cogn.1900. cf. *L. crinita*.

Michobulbum: Rolfe. Probably an error for *Mischobulbum*. syn. *Mischobulbum*.

x *Micholitzara*: auct.: of Micholitz, see *micholitzii*. On the syn. list, the result of *Aerides* x *Ascocentrum* x *Neofinetia* x *Vanda*.

micholitziana: belonging to Micholitz, see *micholitzii*. ex New Guinea, cf. *Malaxis micholitziana* (Kraenzl.) P.F.Hunt1970.

micholitzianum: as *micholitziana*. ex Sumatra, cf. *Bulbophyllum micholitzianum* Kraenzl.1893.

micholitzii: of Wilhelm Micholitz (1854-1932), born Saxony, Germany. Was only a very young man when he joined Sander & Co., of St.Albans., Eng., as a mercenary. He collected widely, making many notable discoveries in Burma, Moluccas, Sumatra, Philipp., New Guinea and Sth.America. ex the Philipp., cf. *Phalaenopsis micholitzii* Rolfe 1890.

michuacana: belonging to Michoacan state, Mexico. cf. *Spiranthes michuacana* (Lex.) Hemsley 1884. syn. *Dichromanthus michuacanus*.

michuacantum: as *michuacana*. cf. *Epidendrum michuacantum* Lex.1825. syn. *Prosthechea michuacana* (Lex.) W.E.Higgins 1998.

michuacanus: as *michuacana*. cf. *Dichromanthus michuacanus* (La Llave & Lex.) Salazar & Soto Arenas 2002.

micr-, *micra-*, *micro-*: used in compwds., ref. *mikros*: small. Can be for many diminutives: small; little; tiny; minute, etc.

micradenia: small + gland. cf. *Didymoplexis micradenia*.

micragrostis: *micr-*: small + *agros*: open land area; field + of. Also ref. *agrostis* (the one word): a forage grass. cf. *Stelis micragrostis*.

micrangis: small + vessel; container, etc. cf. *Pachyphyllum micrangis*.

Micrangraecum: small + *Angraecum*. = *Angraecum* section.

micrantha: small + flower. cf. *Phreatia micrantha*. Pers.coll., fairly common ex PM.PNG.

Micranthae: small + flowers + of. = *Coelogyne* and *Disa* sections.

micranthema: small + ref. *anthemon*: flower. cf. *Orchis micranthema*.

micranthera: small + flower, or see anther (?). cf. *Oxyanthera micranthera*. syn.

Micranthobotrys: small + flowers + bunch. = *Malleola* section.

micranthum: small + flowers. cf. *Hippeophyllum micranthum*. Pers.coll., common ex PM.PNG. I always thought they were an *Oberonia*.

micranthus: small + flowers. cf. *Aeranthus micranthus*. syn. *Campylocentrum micranthum*.

microbambusa: small + see bamboo. cf. *Eria microbambusa*.

microblephara: small + see *blephari-*: eyelid; eyelashes. cf. *Pleurothallis microblephara*.

microblepharon: small + eyelashes. Ref. the ciliate margins of the petals and lip. cf. *Bulbophyllum microblepharon*.

microblepharum: as *microblephara*. cf. *Dendrobium vexillarius* var. *microblepharum*.

microbulbon: small + bulb. cf. *Bulbophyllum microbulbon*.

microcachrys: small + ref. *kachrys*, which is listed as: catkin (: the inflo. of a hazel, willow, birch, etc), or ament, amentum (: the spike [inflo.] of an alder, etc.). Or, “parched barley”(?). This spec. refs. to the inflo. of *Oncidium microcachrys*. syn. *O. obryzatum*.

Microcaelia: Hochst. ex A.Rich.1850: see *Microcoelia*. syn. *Microcoelia* Lindl.

microcala: small + ref. *cala*: a piece of wood (or, *kalos*: beautiful?, as see *microcharis*). cf. *Bulbophyllum microcala*.

Microcalcar: not for a small spur. Listed as a coined word from *micro-*: small + *Mediocalcar*. = *Mediocalcar* section.

microcardia: small + heart. cf. *Pleurothallis microcardia*. syn. *P. scabrilinguis*.

microcardium: small + heart. cf. *Epidendrum microcardium*.

microcarpum: small + fruit (capsule). cf. *Epidendrum microcarpum*.

microcattleya: small + see *Cattleya*. cf. *Epidendrum microcattleya*.

Microcattleya: V.P.Castro & Chiron 2002: small + *Cattleya*. syn. *Sophronitis* Lindl.

microcattleyioides: as *microcattleya* + resembling. Was probably compared to *Epidendrum microcattleya*. cf. *Epidendrum microcattleyioides*.

microcaulis: small + stem; stalk. cf. *Stelis microcaulis*.

microcephalum: small + head. cf. *Epidendrum microcephalum*.

microceras: small + horn. cf. *Habenaria microceras*.

microcharis: small + grace; pleasure. cf. *Bulbophyllum microcharis*. syn. *B. microcala*.

microchila: small + lip. cf. *Caladenia microchila*. Noted as endemic to s.west Aust.

microchilina: small + lip + *-ina*: like, etc. cf. *Spathoglottis microchilina*. syn. *S. aurea*.

microchilos: small + lip. cf. *Eria microchilos*.

microchilum: small + lip. cf. *Cyrtorchilum microchilum*.

Microchilus: C.Presl 1827: small + lip. ex n.west Sth. America, eg. *Microchilus major*.

Microcoelia: Lindley 1830: small + ref. *koilia*: belly; abdomen. Listed as refs. to the spur.

One author noted the spur as bulbous (cf., *Microcoelia bulbocalcarata* L.Jónss.). ex Madagascar, eg. *Microcoelia aurantiaca*.

microcorys: small + helmet; hood; cap. cf. *Satyrium microcorys*.

microdactyla: small + digit; finger. cf. *Eulophia microdactyla*. syn. *E. milnei*.

microdactylum: small + digit; finger. cf. *Scaphosepalum microdactylum*.

microdendron: small + tree. For its branched habit. cf. *Bulbophyllum microdendron*.

microdiothoneum: small + see *Diothonea*, for some likeness to this genus (?). cf.

Epidendrum microdiothoneum.

microdoron: small + gift. cf. *Bulbophyllum afzelii* var. *microdoron*.

Microepidendrum: Brieger 1977: small *Epidendrum*. syn. *Encyclia* Hook.

microgemma: small + ref. *gemma*: bud; gem. cf. *Pleurothallis microgemma*.

microglaphys: small + ref. *glaphein*: to show; appear, or ref. *glaphyros*: polished; smoothed; pretty, etc. cf. *Dendrobium microglaphys*.

microglochis: small + *glochis*: point of an arrow. cf. *Dracula microglochis*. syn. *D. velutina*.

microglossa: small + tongue. cf. *Eria microglossa*.

microglossum: small + tongue. cf. *Dendrobium microglossum*. syn. *D. pruinatum*.

microglottis: small + tongue, or throat (?), see *-glotta*). cf. *Lepanthes microglottis*.

microgymnadenia: small + naked + gland, or a small *Gymnadenia* (?). ex China, cf. *Gymnadenia microgymnadenia* (Kraenzl.) Schltr.1919.

microhemipilia: small + see *Hemipilia*. cf. *Amitostigma microhemipilia* Schltr. syn. *A. hemipiloides*.

Microholmesia: P.J.Cribb 1987: small + see *Holmesia*. eg. *Microholmesia parva*. syn. *Angraecopsis parva*.

microhybos: small + ref. *hybos*: hunch; hump. cf. *Malaxis microhybos*.

microiridifolia: small + iris-like + leaf. cf. *Maxillaria microiridifolia*.

microlabium: small + lip. cf. *Bulbophyllum microlabium*.

Microlaelia: (Schltr.) Chiron & V.P.Castro: small + *Laelia*. syn. *Sophronitis* Lindl.

microlepanthes: small + *Lepanthes*. Listed for its close resemblance. cf. *Lepanthopsis microlepanthes*.

micromega: small + large (?), not so, here -mega is an emphasis, so it's: small + very. cf. *Pteroceras micromega*.

micromera: small + see -mera: part(s?). cf. *Capanemia micromera*.

micromeson: small + ref. *mesos*: middle. cf. *Cymbidium micromeson*. syn. *C. mastersii*.

Micromonanth: small + one + flower.= *Bulbophyllum* section. syn. *Schlechteria*.

micron: ref. *mikros*: small, etc. cf. *Epidendrum micron* (syn.).

micronephelia: small + ref. *nephelion*: small cloud. Noted, the flower has a blotch likened to a small cloud. cf. *Cadetia micronephelia*.

micronephelium: as *micronephelia*. cf. *Dendrobium micronephelium*. syn. *Cadetia micronephelia*.

micronesiaca: for the Pacific region of Micronesia (+ belonging to). cf. *Aglossorhyncha micronesiaca* Schltr.1921. Listed as ex the Palau group of the Caroline Islands.

micronesiacum: see *micronesiaca*. Listed as ex the Caroline Islands, cf. *Bulbophyllum micronesiacum* Schltr.1921.

micronocturnum: small + of the night. cf. *Epidendrum micronocturnum*.

micronyx: this has a few possibilities: small + see *onyx*: fingernail; claw, etc.; small *onyx* (a gemstone); small + ref. *nyxis*: a very small hole, or like a perforation; small + *nyx*: night (: small and dark, or a little dark?). cf. *Lepanthes micronyx*.

Micropera: Lindley 1832: small + purse; pouch. Ref. the lip. ex Sumatra, eg. *Micropera costulata* (J.J.Sm.) Garay.

micropetala: small + petals. cf. *Disa micropetala*.

micropetaliforme: small + petals + form; shape. Listed as ex São Paulo, Brazil, cf. *Bulbophyllum micropetaliforme*.

micropetalum: small + petals. cf. *Bulbophyllum micropetalum*. syn. *Genyorchis micropetala*.

microphthalama: can't find any reason for the extra "a" and perhaps it should have been *microphthalma* (?). However it is officially listed as such. See. *micr*-+ ref. *ophthalmos*: small eye(s). cf. *Dendrobium chrysanthum* var. *microphthalama*. syn. *D. chrysanthum*. + Of interest, see *anophthalama*.

microphylla: small + leaf. cf. *Glomera microphylla*. Noted as endemic to Papua, Indon.

microphyllum: small + leaf. cf. *Epidendrum microphyllum*.

microphyllus: small + leaf. cf. *Podochilus microphyllus*. Pers.coll., common ex PM.PNG.

microphyta: small + ref. *phyton*: plant. cf. *Pleurothallis microphyta*.
Microphytanthe: (Schltr.) Brieger 1981: small + plant + flowers. syn. *Dendrobium* Sw.
Microphytanthe: small + plant + flowers.= *Dendrobium* section.
microphyton: small + plant. cf. *Cadetia microphyton*.
microphytum: small + plant. cf. *Zygopetalum microphytum*.
micropogon: small + beard. cf. *Oncidium micropogon*.
micropropagation: tissue culture, same as meristem culture, see the entry.
microptera: small + feather; wing. cf. *Restrepiopsis microptera*.
micropterum: as *microptera*. cf. *Zygopetalum micropterum*. syn. *Promenaea microptera*.
micropus: small + foot. cf. *Epidendrum micropus*. syn. *Encyclia tripunctata*.
microrhiza: small + root(s). cf. *Prescottia microrhiza*.
microrhizome: the primary plant body following germination of a seed, esp. of terrestrials and usually infected with a fungus. + See protocorm.
microrhombos: small + see *rhombo*:- lozenge, or diamond shape, etc. Ref. the petals. cf. *Bulbophyllum microrhombos*.
microrhynchos: small + snout; beak cf. *Habenaria microrhynchos*. syn. *H. petitiana*.
microrrhynchum: small + snout; beak. cf. *Satyrium microrrhynchum*.
microsaccos: small + bag; sac. Ref. the lip. cf. *Cypripedium microsaccos*. syn. *C. calceolus* (: a small shoe).
Microsaccus: Blume 1825: small + bag; sac. Ref. the lip. ex Borneo, eg. *Microsaccus longicalcaratus*.
microscopica: small + ref. *skopein*: to see + *-ica*: the action (: small and hard to see?). cf. *Quekettia microscopica*.
microscopicum: as *microscopica*. cf. *Dendrobium microscopicum*.
microscopicus: as *microscopica*. cf. *Sarcochilus microscopicus*.
microsiphon: small + pipe; tube. Ref. the sepaline tube. cf. *Masdevallia microsiphon*.
microsphaerum: small + sphere; globe. Ref. the globose pseudobulbs. cf. *Bulbophyllum microsphaerum*.
microstele: small + see *stela*: base; stand. Ref. the column-foot. cf. *Bulbophyllum microstele*. syn. *B. tenuifolium*.
microstigma: small + see *stigma*. cf. *Oncidium microstigma*.
microstylina: small + see *style*: pillar; column + *-ina*: like, etc. cf. *Habenaria microstylina*.
Microstylis: (Nutt.) Eaton 1822: small + see *style*: column. syn. *Malaxis* Sol. ex Sw.
microstyloides: small + see *style*(: column) + resembling. Or *Microstylis* + resembling (?). cf. *Monophyllorchis microstyloides*.
microstylum: small + see *style*: column, etc. cf. *Dendrochilum microstylum*.
microtatantha: ref. *mikratatos*: (emphatically) smallest + flowers. ex New Guinea, cf. *Phreatia microtatantha*.
microtatanthum: as *microtatantha*. cf. *Bulbophyllum microtatanthum*. syn. *B. savaiense* ssp. *subcubicum*.
Microtatorchis: Schltr. 1905: ref. *mikratatos*: (emphatically) smallest + see orchid. ex New Guinea, eg. *Microtatorchis flaccida*.
microtepala: small + tepals. cf. *Phyllorkis microtepala*. syn. *Bulbophyllum microtepalum*.

microtepalum: small + tepals. cf. *Bulbophyllum microtepalum*.

Microterangis: Senghas 1985: very small (+ -ter-: three?) + vessel. ex Madagascar, eg.

Microterangis divitiflora (Schltr.) Senghas 1985.

microtes: small + eared, or small + the feature (?). cf. *Bulbophyllum microtes*.

microthamnus: small + ref. *thamnos*: bush; shrub. cf. *Bulbophyllum microthamnus*.

Microtheca: Schltr.1924: small + box; case; container. Ref. the small clinandrium. syn.

Cynorkis Thouars.

Microthelys: Garay 1982: small + woman; female. Could ref. to the stigma, or ovary (?).

ex Costa Rica and Guatemala, eg. *Microthelys nutantiflora*.

microthyrsus: small + shaft; stem (+ see *thyrs*-). cf. *Odontoglossum microthyrsus*. syn.

Cyrtochilum fractum.

microtica: small ear + see -ica. cf. *Lepanthes microtica*. syn. *L. chiriquensis*.

microtidis: small + ears + like. Listed as alluding to the flowers. cf. *Phreatia microtidis*.

syn. *P. secunda*.

Microtidium: D.L.Jones & M.A.Clem.2002: see *Microtis* + like, or dimin. syn. *Microtis*.

microtis: small + ear. cf. *Pleurothallis microtis*.

Microtis: R.Br.1810: small + ref. *otos*: ear. Ref. ear-like projections on the column. eg.

Microtis alba. Noted as endemic to West.Aust.

microtoides: small + ear(s) + resembling. Or, may be *Microtis* + resembling (?). cf.

Microstylis microtoides. syn. *Malaxis carnosae*.

microtos: small + ear. cf. *Zygopetalum microtos*. syn. *Z. crinitum*.

microtricha: small + hair. cf. *Maxillaria microtricha*.

microtus: small + ear. cf. *Zygopetalum microtus*. syn. *Promenaea xanthina*.

microxanthina: small + see *xanth*-: brownish yellow + see -ina: like, or for the colour.

Could also mean : slightly brownish-yellow (?). cf. *Encyclia microxanthina*. syn. *E. flava*.

microxiphium: small + sword + of; relative to. cf. *Cyrtochilum microxiphium*.

midas: probably for the colour (has had the "golden touch"). Ref. Gk.myth.: King Midas, whom Dionysus (god of wine) gave the ability for everything he touched, to turn to gold. ex Ecuador, cf. *Masdevallia midas* Luer 1981.

mid-rib: a common term for the main central axis of a leaf, see costate. (Can also be for the large central vein of a floral segment). If raised above the surface, can also be called a keel. + When the axis extends slightly beyond the edge, with a small point, this is known as having a mucro, or mucronate.

mientienensis: for place name (+ from), only listed as ex Burma (Myanmar). cf. *Habenaria mientienensis* T.Tang & F.T.Wang 1936.

miersiana: belonging to Miers. Listed for botanist and author, John Miers (1789-1879). ex the Philipp., cf. *Habenaria miersiana* Champ. ex Benth.1855. syn. *H. dentata*.

miersii: of Miers, see *miersiana*. ex Brazil, cf. *Barbosella miersii* (Lindley) Schltr.1918.

mikurensis: for place name (+ from). Among the given locations, it's listed as ex Japan.

May ref. to **Mikura**-jima island(s), sth. of Honshu Island. cf. *Platanthera minor* var.*mikurensis* Hid.Takah.1972. syn. *P. minor*.

milanjeanus: Lat'd. phonetic spelling, for place name: belonging to Sapitwa Peak (aka. Mt.**Mulanje**), s.east Malawi. Or, may be for the city of Malanje, or Malange (village), Angola, Africa (? see *malangensis*). cf. *Lissochilus milanjeanus* Rendle 1894. syn. *Eulophia orthoplectra*.

milanjiana: as *milanjeanus*. cf. *Eulophia milanjiana* Kraenzl.1900. syn. *E. orthoplectra*.

mildbraedii: listed for orig.coll., botanist and author, Gottfried Wilhelm Johannes Mildbraed (1879-1954). Descs. accr. to him are abbr. to: Mildbr. ex Central westn. Africa. cf. *Bulbophyllum mildbraedii* Kraenzl.1909. syn. *B. saltatorium* var. *albociliatum*.

milesii: listed for orig.coll., botanist R.Miles (+ of). ex central westn. Africa, cf. *Bulbophyllum milesii* Summerh.1935. syn. *B. pipio*.

milfordense: for place name: Milford + from. Noted as endemic to Tasmania, Aust., cf. *Prasophyllum milfordense* D.L.Jones 1998.

miliacea: ref. *miliun*: millet, *miliaceus*: of, or like millet (a kind of grain). cf. *Maxillaria miliacea*. syn. *Xylobium miliaceum*.

miliaceum: see *miliacea*. cf. *Xylobium miliaceum*.

militare: of, or to do with a soldier. cf. *Dendrobium militare*.

militaris: lit., of a soldier. A fanciful allusion to a flower, as a soldier wearing a helmet. The lip is likened to being man-shaped and the helmet (: galea) is formed by other floral segments. cf. *Orchis militaris*.

millari: listed for orig.coll., T.Barclay Millar (+ of). ex Qld., Aust., cf. *Habenaria millari* F.M.Bailey 1891. syn. *H. elongata*.

milleri: listed for G.Miller (+ of), a Brazilian geneticist. With this species, I read a sad note that it may now be extinct in the wild, as mining has destroyed the only known habitat. Luckily, it still exists in collections. cf. *Sophranitis milleri* (Blumensch. ex Pabst) Van den Berg & M.W.Chase 2000.

milliganii: listed for orig.coll., botanist and author J.Milligan (1807-1883). Noted as an authority on the flora of Tas., Aust. cf. *Dendrobium milliganii* F.Muell.1859. syn. *D. striolatum*. Noted as endemic to s.east Aust.

millipeda: (thousand + feet). My sources just define this as a kind of myriapod, of the class *Myriapoda* (: a myriad of feet). Many-legged, (mostly) small animals like a centipede, or millipede. cf. *Pleurothallis millipeda*. + Of interest, see *scolopendrifolium*.

milnei: listed for botanist, naturalist and author, Colin Milne (c1743-1815). ex Sthn. and trop. Africa, cf. *Eulophia milnei* Rchb.f.1881.

x *Miltada*: auct. On the syn. list, cf. *Ada* x *Miltonia*.

x *Miltadium*: auct. On the syn. list, cf. *Ada* x *Miltonia* x *Oncidium*.

x *Miltarettia*: auct. On the syn. list, cf. *Comparettia* x *Miltonia*.

x *Miltistonia*: auct. On the syn. list, cf. *Baptistonia* x *Miltonia*.

x *Miltonguezia*: auct. On the syn. list, cf. *Miltonia* x *Rodriguezia*.

Miltonia: Lindley 1837. Listed for Earl Fitzwilliam Viscount Milton (1786-1857). Noted grower and generous patron of horticulture, of Yorkshire, England. ex Brazil, eg. *Miltonia candida*.

Miltoniastrum: *Miltonia* + see *-astra*: a smaller, or lesser kind of.= *Oncidium* section. syn. *Oncidium* section *Plurituberculata*.

x *Miltonidium*: auct.c1936: cf. *Miltonia* + dimin., or like. The name is probably from the parents as it is listed as a cross of *Miltonia* x *Oncidium*. Noted as monotypic and endemic to s.east Brazil.

x *Miltonioda*: auct. On the syn. list, cf. *Cochlioda* x *Miltonia*.

Miltonioides: Brieger & Lückel 1983: *Miltonia* + resembling. ex Mexico to Guatemala, eg. *Miltonioides laevis* (Lindl.) Brieger & Lückel 1983.

miltonioides: *Miltonia* + resembling. cf. *Adamantina miltonioides*.

Miltoniopsis: God.-Leb.1889: *Miltonia* + appearance. eg. *Miltoniopsis vexillaria*. + See notes at *vexillaria*.

x *Miltonpasia*: auct. On the syn. list, cf. *Aspasia* x *Miltonia*.

x *Miltonpilia*: auct. On the syn. list, cf. *Miltonia* x *Trichopilia*.

mimetica: relative to mimicry; imitating (something); imitative. Noted, the word, mimetic is often used in the studies of flora and fauna. cf. *Caucaea mimetica*.

mimeticum: as *mimetica*. cf. *Oncidium mimeticum*. syn. *Caucaea mimetica*.

mimica: ref. *mimicus*: imitative. cf. *Trichoglottis mimica*.

mimicry: the ability of orchids to successfully imitate a perfume, a food-stuff (like nectar), or a visual enticement, that is guaranteed to attract an insect to ensure the flowers are pollinated and that reproduction continues. This has been achieved over aeons of time by the plant changing and evolving so that it promises an irresistible reward for an insect visitor. One classic example, see pseudo-copulation.

mimicum: see *mimica*. cf. *Epigeneium mimicum*.

mimiense: for place name: listed to be from Mt.Mimi, Morobe area, Bowutu Mtns. Can only find Mimi (village) of the Finisterre Range, PNG. (?). cf. *Dendrobium mimiense* Schltr.1913.

mimosinus: a vague colour term: mimosa-yellow. Alluding to the flowers of a Mimosa (shrub; tree. More see *mimusops*).

mimulum: ref. *mimulus*, which is listed as the dimin. of *mimus* (: actor + small ?). Could also be slightly yellow, or a paler yellow (see *mimusops*). cf. *Prasophyllum mimulum*. Noted as endemic to Tas., Aust.

mimus: lit., an actor, but can also ref. to a Mimosa, see *mimusops*. cf. *Robiquetia mimus*.

mimusops: noted, it is also a genus, ref. *Mimusops*, of the sapodilla family of shrubs and trees: *Sapotaceae*, the fruit of which has a pleasant, flower-like perfume. But, this specep. is ref. *mimus*: Mimosa* + see *ops*: eye, or face and is for the yellow colour of the disc and throat area of the labellum. cf. *Orchis mimusops*. syn. *Orchis militaris*. *Mimosa: a shrub, or tree of the pea family *Fabaceae*, many being yellow flowered. + See *mimosinus*: mimosa-yellow.

minacia: see *minax* + of. cf. *Cattleya* x *minacia* auct.1893 (syn.).

minahassae: ref. the Minahassa Peninsula (+ of), Sulawesi Utara, Sulawesi, Indon. cf. *Bulbophyllum minahassae* Schltr.1911.

minahasse: as *minahassae*. cf. *Eulophia macrorhiza* var. *minahasse* Schltr.

minarum: lit., pinnacle, + ref. *minari*: threatens. Probably “threatens” with its many spiky projections (“pinnacles”? + of interest, see *minax*). cf. *Epidendrum minarum*.

minasgaerensis: for place name: from Minas Gerais state, Brazil. cf. *Cattleya bicolor* ssp. *minasgaerensis* Fowlie 1977.

minax: lit., threatening; jutting, or poking out (also see *minarum*) and is to do with “pinnacles” (: “armed”, as with spiky projections). Could be for the falcate petals (?). cf. *Dendrobium minax*. syn. *D. bicaudatum*.

mindaenaense: listed for place name: from Mindanao Island, Philipp. cf. *Crepidium mindaenaense* (Ames) M.A.Clem.& D.L.Jones.

mindaenaensis: as *mindaenaense*. cf. *Malaxis mindaenaensis* Ames. syn. *Crepidium mindaenaense*.

mindanaense: from Mindanao island, Philipp. cf. *Dendrochilum mindanaense* (Ames) L.O.Williams 1952.

mindanaensis: as *mindanaense*. cf. *Ascochilus mindanaensis* (Ames) Christenson.

mindanense: from Mindanao island, Philipp. cf. *Agrostophyllum mindanense* Ames 1915.

mindoreense: from Mindoro Island, Philipp. cf. *Dendrochilum mindoreense* Ames 1908.

mindorensis: as *mindoreense*. cf. *Calanthe mindorensis* Ames 1907. syn. *Cephalantheropsis longipes*.

mineirosensis: from Mineiros. Only listed as ex Brazil and have noted a city of Goiás, a city of São Paulo and a village of Rio de Janeiro states. cf. *Orleanesia mineirosensis* Garay.

minerva: another for “beauty”. Refs. to Minerva: a beautiful virgin goddess of Roman myth. Mainly noted as the goddess of Wisdom and War (more info., see *pallas*). cf. *Cypripedium* x *minerva* Rolfe.

minganense: for place name (+ from), only listed as ex Canada. cf. *Cypripedium passerinum* var. *minganense* Victorin 1929. syn. *C. passerinum*.

minhassae: see *minahassae*. cf. *Dendrobium minhassae* Kraenzl. syn. *D. heterocarpum*.

mini-: used in compwds. A contraction of *minimus*, see *minima*.

miniaceus: descwd., similar to *miniatus*. Vermilion + see *-acea*: like, etc.

miniata: see *miniate*. Ref. the blotch on the labellum. cf. *Maxillaria miniata*.

miniate: having, being, or like the colour vermilion. eg. Having miniate flowers. + See *miniatus*.

miniatolineolata: see *miniatus*: vermilion + lineolate: marked with fine lines., cf. *Specklinia miniatolineolata*.

miniatum: see *miniatus*. cf. *Ascocentrum miniatum*.

miniatura: easy, it’s a miniature. Wrong! See *miniatus* + see *-ura*: reddened, painted red. Or, could be it has red tails (miniate + *-ura* ?). cf. *Pleurothallis miniatura*.

miniatus: the colour term: vermilion, a mix of scarlet and yellow; a slightly reddish-orange. Orig. ex *miniare*: to paint in red-lead. + Can mean: painted in a reddish colour.

miniatus: see *miniatus*. cf. *Gastrochilus miniatus*. syn. *Ascocentrum miniatum*.

Minicolumna: Brieger 1976: small + column. syn. *Epidendrum* L.

miniflora: small + flower. cf. *Lepanthes miniflora*.

minima: ref. *minimus*: the very least; smallest. cf. *Phreatia minima*. Reported as the smallest known species of this genus.

minima-mundana: lit.: the very least; (definitely) the smallest (see *minima*) + ref. *mundanus*: of the world. cf. *Lepanthes minima-mundana* Luer 1998.

minimibulbum: smallest; the least + bulb. cf. *Bulbophyllum minimibulbum*.

minimiflora: smallest + flower. cf. *Abdominea minimiflora*.

minimiflorum: smallest + flower. cf. *Saccolabium minimiflorum*. syn. *Abdominea minimiflora*.

minimiflorus: smallest + flower. cf. *Gastrochilus minimiflorus*. syn. *Abdominea minimiflora*.

minimifolia: the least; smallest + leaf. This one doesn't usually have leaves and do have minute leaf-like scales. cf. *Chiloschista minimifolia*. syn. *C. fasciata*.

minimifolium: as *minimifolia*. cf. *Thrixspermum minimifolium*. syn. *Chiloschista fasciata*.

minimifolius: as *minimifolia*. cf. *Sarcochilus minimifolius*. syn. *Chiloschista fasciata*.

minimipes: smallest + foot. cf. *Brachypeza minimipes*.

minimum: as *minimus*. cf. *Dendrobium minimum*.

minimus: the very least; smallest. cf. *Drymoanthus minimus*.

mininocturnum: small + of the night. cf. *Epidendrum mininocturnum*.

minipetala: small + petals. cf. *Stelis minipetala*.

minjemense: for place name: from Minjem River area, Astrolabe Bay, PNG. cf. *Diplocaulobium minjemense* (Schltr.) A.D.Hawkes 1957.

minjense: for place name: from Minj, west of Madang, PNG. cf. *Mediocalcar minjense* P.Royen 1979. syn. *M. agathodaemonis*. Noted as endemic to PNG.

minjensis: as *minjense*. cf. *Glossorhyncha minjensis* P.Royen 1979 (syn.).

minoa: I was going to follow other authors and just say: ref. Gk.myth., (of) King Minos of Crete, son of the gods Zeus & Europa. But, am confident it's an oblique ref. to the lateral horn-like projections of the labellum, likened to bull's horns. With the legends of King Minos, the Labyrinth and the Minotaur being so well known, + the famous sport of bull-jumping during the great age of the Cretan civilisation, known as "The Minoan". The plant was first found on Crete and the association of the labellum having "horns" is too hard to ignore. cf. *Ophrys minoa* (C.& A.Alibertis) P.Delforge. syn. *O. holoserica* ssp.*candica*.

minos: probably for "beauty" (ie., very handsome), or it's a "king". Of Gk.myth., ref. King Minos (see *minoa*). cf. *Cypripedium* x *minos* Veitch ex B.S.Williams. syn. *C. x niobe*. But, this is also listed as a synonym, without any other info.

minor: less; smaller; inferior. cf. *Caleana minor*. Listed as ex Aust. and North Island, NZ.

minus: less. cf. *Dendrochilum minus*. syn. *D. globigerum*.

minuscula: ref. *minusculus*: somewhat small; smallish. cf. *Dryadella minuscula*.

minusculum: as *minuscula*. cf. *Brachionidium minusculum*.

minuta: ref. *minutus*: minute; very small. cf. *Polystachya minuta*. syn. *P. concreta*.

minutalis: minute + see *-ale*: of, etc. cf. *Pleurothallis minutalis*.

minutibulbum: minute + bulb. cf. *Bulbophyllum minutibulbum*.

minuticalcar: small + spur. cf. *Cynorkis minuticalcar*.

minuticauda: small + tail. cf. *Ophrys* x *minuticauda* Duffort 1902.

minutiflora: small + flower. cf. *Schoenorchis minutiflora*.
minutiflorum: small + flower. cf. *Dendrobium minutiflorum*. syn. *Eria eriopsidobulbon*.
minutiflorus: small + flower. cf. *Gastrochilus minutiflorus*.
minutiflos: small + ref. *flos*: flower. cf. *Sarcochilus minutiflos*. Endemic to nth. Qld., Aust.
minutifolium: small + leaf. cf. *Herminium minutifolium*. syn. *H. lanceum*.
minutigibba: small + hump. cf. *Glomera minutigibba*.
minutigibbum: small + hump. cf. *Dendrobium minutigibbum*.
minutilabia: small + lip. cf. *Lepanthes minutilabia*.
minutilabrum: small (or, fine) + see *labrum*. So, could be either: small lip, or fine(-ly) edged (?). cf. *Bulbophyllum minutilabrum*.
minutipetala: small + petals. cf. *Lepanthes minutipetala*.
minutipetalum: small + petals. cf. *Bulbophyllum minutipetalum*.
minutipetalus: small + petals. cf. *Peltopus minutipetalus*. syn. *Bulbophyllum minutipetalum*.
minutissima: small + emphasis: very, etc. cf. *Lepanthes minutissima*.
minutissimum: small + very. cf. *Bulbophyllum minutissimum*. Endemic to eastn. Aust.
minutula: small + dimin.: very small. cf. *Ophrys minutula*. syn. *O. scolopax*.
minutulum: as *minutula*. cf. *Bulbophyllum minutulum*.
minutum: minute; small. cf. *Dendrobium minutum*. syn. *D. delicatulum*.
minutus: small; minute; little. Everything is small, but mainly refs. to the flowers. cf. *Drymoanthus minutus*. Noted as endemic to Qld., Aust.
miqueliana: listed for botanist, Friedrich Anton Wilhelm Miquel (1811-1871). Descs. accr. to him are abbr. to: Miq. ex Brazil, cf. *Pleurothallis miqueliana* (H.Focke) Lindl.1859.
miquelii: of Miquel, see *miqueliana*. cf. *Epidendrum miquelii* Schltr. syn. *E. ibaguense*.
mira: ref. *mirus*: wonderful; strange, etc. cf. *Habenaria mira*.
mirabile: ref. *mirabilis*: wonderful; marvellous; strange, etc. cf. *Bulbophyllum mirabile*.
Mirabilia: wonders; marvels.= *Pleurothallis* subgenus.
mirabilis: as *mirabile*. cf. *Corybas mirabilis*.
miraculum: lit., a wondrous thing, or event. cf. *Lepanthes miraculum*.
mirador: see *miradoranum*. cf. *Lepanthes mirador* Luer & Hirtz 1996.
miradoranum: belonging to Mirador. This species is listed to range from Ecuador to Peru and there are at least a dozen places with this name. cf. *Epidendrum miradoranum* Dodson & D.E.Benn.1989.
miradoreense: as *miradorensis*. cf. *Oncidium miradoreense* D.E.Benn.& Christenson 1998. syn. *Cyrtorchilus cimiciferum*.
miradorensis: for place name: from Mirador. Listed to range from Mexico down to Costa Rica and noted at least twenty places with this name, in some form. cf. *Beadlea miradorensis* (Schltr.) Garay & Dunsterv.1979. syn. *Cyclopogon comosus*.
miranda: see *mirandum*. cf. *Flickingeria miranda*. syn. *Dendrobium mirandum*.
mirandae: of Miranda. Listed for phytologist, F.E.L.Miranda. ex Brazil, cf. *Sophronitis mirandae* Van den Berg & M.W.Chase 2000. syn. *S. crispata*.
Mirandae: of wonders; marvels.= *Habenaria* section.

mirandaianum: listed for botanist and author (+ belonging to), González Faustino Miranda (1905-1964). ex São Paulo, Brazil, cf. *Bulbophyllum mirandaianum* Hoehne 1947.

mirandana: for place name: belonging to Miranda. From the given locations, Spain to the Mediterranean region, there are many places called Miranda. cf. *Ophrys* x *mirandana*.

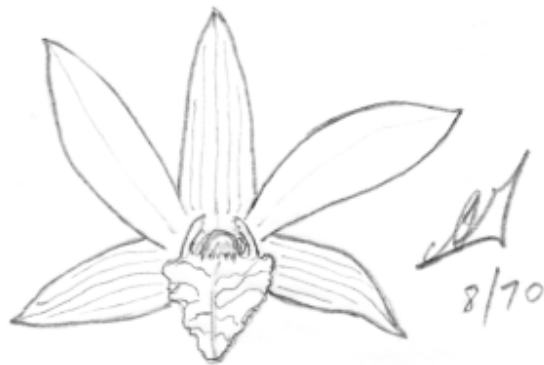
Mirandopsis: Slazch.& Marg.2001: see *mirandum* + appearance. syn. *Pleurothallis* R.Br.

mirandum: ref. *mirandus*: wonderful; marvellous; strange; unique, etc. cf. *Bulbophyllum mirandum*. syn. *B. macrochilum*.

mirbeliana: see *mirbelianum*. cf. *Callista mirbeliana* (Gaudich.) Kuntze 1891. syn. *Dendrobium mirbelianum*.

mirbelianum: belonging to Mirbel. cf. *Dendrobium mirbelianum* Gaudich.1829. Listed for French botanist, Charles Francois Brisseau de Mirbel (1776-1854). Pers.coll., fairly common ex PM.PNG. See sketch and notes.

***Dendrobium mirbelianum* Gaudich.**



45 mm. across

Fairly common ex PM.PNG. From Wariarata Bluff, I had found a particularly fine specimen, a nicely compact plant with unusual mustard-yellow flowers, instead of the normal drab, olive greenish-brown (perhaps the variation was to do with the altitude?).

I wanted to slab-mount it, but had nothing suitable, so I settled for some polystyrene foam (Esky-box material), but it's pure white and would be useless as new roots would only turn away from it (knew this even then, but didn't know why, see aphototropic). Easy fixed, fooled the plant with a piece of brown cotton cloth wrapped tightly around the foam as imitation bark. Then secured the plant, making a mental note to re-do it at a later date (on tree-fern fibre). I hung it in the bush-house and promptly forgot about it until one day it caught my eye as the cloth was in tatters with rot and growing a nasty black fungus. Cleaned it up with tweezers, a small brush, some fungicide and removed all the rubbish. It had

grown so well that many of the roots had gone straight through the foam and out the other side!

Seizing the opportunity, I took it to our club meeting for “show & tell”, as I had achieved an impossibility (I showed, but didn’t tell, until later). Naturally I didn’t leave a shred of my (unintended) duplicity and my, “more learned colleagues” had to accept, but couldn’t believe their eyes and you can be assured it was examined very closely.

Even in those days, there were a few very elite members in our club and they were kept busy explaining to the others how it was impossible, often looking at it again and again in complete bewilderment. Of course, I was basking in the glory and inwardly trying to stop myself from laughing and giving the game away.

It was wonderful to confound the “experts”, making them wait until later in the evening and you can imagine the howls when I revealed the truth!

These days polystyrene foam comes in all colours, dark brown, or green being the best and it works well. It usually has a slightly glossy surface, so roughen it first before mounting a plant. + Remember it’s impervious to water, so has little, or no moisture retention.

mirifica: as *mirificum*. cf. *Specklinia mirifica*. syn. *Acostaea costaricensis*.

mirificum: ref. *mirificus*: causing wonder; to be wondered at. cf. *Bulbophyllum mirificum*.

mirmecophila: ants + loves (+ see *myrmecophila*). cf. *Pleurothallis mirmecophila*.

mirum: ref. *mirus*: wonderful; strange, etc. cf. *Bulbophyllum mirum*.

miscegeneum: mix(-ed) + kind. cf. *Dendrobium rarum* var. *miscegeneum*.

miscella: as *miscellus*. cf. *Corysanthes* x *miscella*. syn. *Corybas* x *miscellus*.

miscellus: mixed. Listed as a natcross, cf. *Corybas* x *miscellus* D.L.Jones 1991. The result of *C. diemenicus* x *C. incurvus*. Noted as endemic to Sth.Aust.

mischanthum: ref. *mischos*: stalk + flower. Ref. the long slender peduncle. cf. *Bulbophyllum levatii* ssp. *mischanthum*.

mischmeensis: see *mishmeense*. cf. *Phyllorkis mischmeensis* (Hook.f.) Kuntze 1891. syn. *Sunipia cirrhata*.

mischobulbon: stalk + bulb. Ref. the long, narrow, cylindraceous pseudobulb likened to a “stalk”. cf. *Bulbophyllum mischobulbon*.

Mischobulbum: Schltr.1911: stalk + bulb. ex Borneo, eg. *Mischobulbon scapigerum*.

mischobulbum: as *mischobulbon*. cf. *Diplocaulobium mischobulbum*.

misera: ref. *miser*: pitiful; sorry; wretched. cf. *Trichoglottis misera*. syn. *T. bipunctata*.

misericors: lit., wretched + heart. Also ref. *misericordia*, in English, *misericorde*: a special small dagger used by a mediaeval knight to give the *coup de grace* to a badly wounded opponent. cf. *Cymbidium misericors*. syn. *Cymbidium ensifolium*. (Note, *ensifolium*: sword + leaf. So, *misericors* says the leaves are likened to daggers.)

miserrima: wretched + suffix: very (obviously a lot more was expected of it). cf.

Jacquiniella miserrima. syn. *Epidendrum miserrimum*.

miserrimum: as *miserrima*. cf. *Epidendrum miserrimum*.

miserum: as *misera*. cf. *Dendrobium miserum*.

mishmeense: for place name, many refs. differ, with the spelling: from Mishme, Mishmee, or Mishmi Hills region, Assam, India. cf. *Bulbophyllum mishmeense* Hook.f.1890. syn. *Sunipia cirrhata*.

mishmensis: as *mishmeense*. cf. *Phaius mishmensis* (Lindley & Paxton) Rchb.f.1857. + See next entry.

mishmensis: see *mishmeense*, but this is listed as ex the neighbouring state of Arunachal Pradesh (?). cf. *Gastrodia mishmensis* A.N.Rao, Haridsan & Hedge 1991.

misionum: listed for place name. Ref. Misiones Prov., Argentina. cf. *Pleurothallis microphyta* var. *misionum* Hauman 1920.

-missa, *-missum*, *-missus*: used in combwds., ref. *missus*: sent. Projecting forward; jutting, or poking out.

missionariorum: Lat'd. English: of, or belonging to the missionary (or, missionaries). Could be, was first found by a missionary, or near a religious missionary settlement (?) Noted as ex Bhutan to China, cf. *Pholidota missionariorum* Gagnepain.

missionis: of, or to do with a mission (religious settlement) and could be for many places. Listed to be ex tropical Africa, through to South Africa. cf. *Eulophia missionis* Rendle 1895. syn. *E. odontoglossa*.

missjoaquim: cf. *Vanda missjoaquim* Ridl.1895. (As it's a cross, shouldn't it be written: *Vanda* x *missjoaquim*?). Reported as never fully determined if it's a natural, or man-made cross. Listed as the result of *Vanda teres* x *V. hookeriana* and was named for Miss Agnes Joaquim as it was first noticed in her garden and is commonly called the "Singapore orchid". Abundantly prolific, it is a very popular home garden plant. At a private home in PM.PNG., I saw it used as an extensive, winding hedge, lining both sides of the driveway to the house. Must have taken many years to establish and it looked magnificent.

mistletoe: have had to ref. to these plants a few times. In keeping with cross-referencing, herewith a few details. A mistletoe is a parasitic flowering plant which grows throughout the world, on many trees and taking most of their nourishment from the sap of their host. They belong to the mistletoe family, *Loranthaceae*. + See *loranthophylla*.

mitchellii: listed for orig.coll., Sir Thomas Livingstone Mitchell (1792-1855), author, naturalist and famous explorer in Aust. Born in Scotland, he served in the army attaining the rank of Major (hence an Aust. bird: Major Mitchell cockatoo). Was posted to Sydney 1827 as Deputy Surveyor General of the colony of NSW., which gave him the opportunity to travel, and explore widely and to indulge his scientific pursuits. cf. *Pterostylis mitchellii* Lindley 1848. Noted as endemic to n.east Aust. + See next entry.

mitchellii: listed for phytologist and author, David Searle Mitchell (b1935). ex Haiti, cf. *Pleurothallis mitchellii* Dod 1984.

mitodes: thread-like. cf. *Habenaria mitodes*.

mitomorpha: thread-shape. cf. *Habenaria mitomorpha*.

Mitopetalum: Blume 1828: ref. *mitos*: thread + petals. ex the Himalayas to Taiwan, eg. *Mitopetalum latifolium*. syn. *Tainia latifolia*.

Mitostigma: Blume 1856: ref. *mitos*: thread + see stigma. Has two thread-like appendages at the stigma. syn. *Amitostigma* Schltr. (see this entry).

mitostigma: as *Mitostigma*. cf. *Gymnadenia mitostigma*. syn. *Amitostigma gracile*.

mitra: descwd., as a head covering; turban; cap.+ Ref. a Bishop's mitre (also: miter), for the shape: a tall tapering head-dress. Many sources say it's also for a belt; headband (?). + Is used in combwds., as: *mitr*-, *-mitra*, etc.

mitrata: see *mitra* + like; having. cf. *Seidenfadenia mitrata*. Noted as monotypic and endemic to Myanmar.

mitratum: as *mitrata*. The spur is alluded to resemble a mitre. cf. *Aerides mitratum*. syn. *Seidenfadenia mitrata*.

mitriferum: see *mitra* + bearing. Probably ref. the anther, which is described as pyramidiform. cf. *Dendrobium mitriferum*. syn. *D. subclausum*.

Mitriiformes: mitre + shape. Ref. the stipe.=*Cleisostoma* section.

miuaensis for place name (+ from), listed as ex Amazonas, Brazil. cf. *Coryanthes miuaensis* M.F.Silva & A.T.Oliveira 1999.

Mixis: Luer 2004: see *-mixis*. syn. *Pleurothallis* R.Br.

-mixis: used in combwds., ref. *mixis*: a mingling; mixing.

mixta: ref. *mixtus*: mingle; mix. cf. *Sophranitis mixta*.

mixtecanum: belonging to the Mixtec. Indigenous people who live, mainly, in Oaxaca state (+ Guerrero & Puebla), Mexico. An oblique ref. to where the plant was first found. cf. *Epidendrum mixtecanum* Hágsater & Garcia-Cruz.

mixtoides: mix + resembling. Was probably likened to *Epidendrum mixtum* (*mixt*-+*-oides*). cf. *Epidendrum mixtoides*.

mixtum: as *mixta*. cf. *Epidendrum mixtum*.

mixtura: *mixta* +-*ura*: the action. Also listed as the one word: mingling; merging; mixing. cf. *Cochlioda mixtura*.

miyakei: listed for botanist Tsutomu Miyake (b1880). ex the Philipp., cf. *Dendrobium miyakei* Schltr.1919.

moandense: for place name: from Moanda, sthn. Gabon, or the Moanda River, Congo (DRC.), west Africa (?). cf. *Angraecum moandense* De Wild.1916.

moandensis: as *moandense*. cf. *Aerangis moandensis* (De Wild.) Schltr.1918. syn. *Angraecum moandense*.

Mobilabium: Rupp 1946: ref. *mobilis*: movable + lip. cf. *Mobilabium hamatum*. Noted as monotypic and endemic to nth. Qld., Aust.

mobile: ref. *mobilis*: movable, capable of movement Usually refs. to the labellum. A good example, see *plumula* + sketch and notes.

mobilifilum: movable + thread(s). Ref. the paleae of the petals. cf. *Bulbophyllum mobilifilum*.

mocinoi: listed for botanist, naturalist and author, José Mariano Moçino (1757-1820). ex Mexico, cf. *Epidendrum mocinoi* Hágsater 1999.

mocoana: belonging to Mocoa city, Putumayo Department, Colombia. cf. *Octomeria mocoana* Schltr.

mocoaensis: from Mocoa, see *mocoana*. cf. *Paphinia litensis* var. *mocoaensis* Jenny 1984.

modesta: see *modestus*. cf. *Aerangis modesta*.

modestiflora: see *modestus* + flower. cf. *Pleurothallis modestiflora*. syn. *P. obovata*.

modestiflorum: see *modestus* + flower. cf. *Epidendrum modestiflorum*. syn. *E. ramosum*.

modestior: more modest, or one who is unassuming, etc.+ see *modestus*. cf. *Pabstia modestior*.

modestissima: see *modestus* + suffix: very, etc. cf. *Habenaria modestissima*.

modestissimum: as *modestissima*. cf. *Dendrobium modestissimum*.

modestum: as *modestus*. cf. *Bulbophyllum modestum*.

modestus: descwd.: modest; unassuming; humble; moderate; sober; unpretentious, etc.

modestus: see *modestus*. cf. *Psilochilus modestus*.

modica: ref. *modicus*: moderate; average; not much. cf. *Habenaria modica*. syn. *H. uhehensis*.

modicum: as *modica*. cf. *Angraecum modicum*.

moelleri: listed for botanist and author, Hjalmar August Möller (1866-1941). ex China to Vietnam, cf. *Pleione x moelleri* Braem 1999. syn. *P. x barbarae*.

moensianum: see *moensii*. ex the Philippines, cf. *Cypripedium moensianum* auct.1887. syn. *Paphiopedilum argus*.

moensii: listed for noted grower, M.Moens of Lede, Belgium. cf. *Cypripedium moensii* auct.1893. syn. *Paphiopedilum argus*.

mogyensis: for place name (+ from), only listed as ex s.east Brazil. Noted three cities having Mogy (Mogi-) in the names, all of São Paulo state. cf. *Leptotes mogyensis* Krackow. ex Christenson 2004.

mohlianum: belonging to Mohl. Listed for German botanist, Hugo von Mohl (1805-1872). Noted for his studies on the physiology and anatomy of plant cells. ex the Solomon Islands, cf. *Dendrobium mohlianum* Rchb.f.1862.

mohrianum: listed for phytologist, H.Mohr (+ belonging to). ex Flores island, Indon., cf. *Paphiopedilum mastersianum* var. *mohrianum* (Braem) Koop.2000.

mohrii: as *mohrianum*. ex Peru, cf. *Restrepia mohrii* Braem 1993.

moirianum: belonging to Moir. Listed for botanist, William Whitmore Goodale Moir (b1896). ex New Guinea. cf. *Dendrobium moirianum* A.D.Hawkes 1957. syn. *D. rutriiferum*.

mojuense: from Moju. Noted two places with this same name, a city and a town of Pará state, n.east Brazil. cf. *Catasetum mojuense* A.T.Oliveira & J.B.F.Silva 1999.

molaui: listed for phytologist and author, Ulf Molau [+ of] (b1949). ex Ecuador, cf. *Epidendrum molaui* Hágsater & Dodson 2001.

moldenkeanum: listed for phytologist and author, Harold Norman Moldenke (b1909). Descs. accr. to him are abbr. to: Mold. ex Nthn. Madagascar, cf. *Bulbophyllum moldenkeanum* A.D.Hawkes 1966.

molitor: ref. *molitor*, *molitoris*: builder; one who makes, or builds. cf. *Maxillaria molitor*.

moliwense: from Moliwe (village), west central Cameroon, west Africa. cf. *Bulbophyllum moliwense* Schltr.1906. syn. *Genyorchis pumila*.

molle: see *mollis*. cf. *Dendrobium molle*.

molleturoi: listed as ex Ecuador, could be for a person's name. Also ref. Moleturo (village), Azuay Prov., Ecuador (?). cf. *Pleurothallis molleturoi* Luer & Dodson 1998.

mollicaulis: see *mollis* + stem; stalk. cf. *Trichotosia mollicaulis*.

molliflora: see *mollis* + flower. cf. *Trichotosia molliflora*.

Mollifoliae: see *mollis* + leaves.= *Liparis* section.

mollis: soft; supple; pliant. cf. *Caladenia mollis*. syn. *C. latifolia*. Endemic to sthn. Aust.

mollissimum: as *mollis* + suffix: very, etc. Ref. the fleshy lip. cf. *Prasophyllum mollissimum*.

Noted as endemic to NSW., Aust.

mollusc: an invertebrate animal with a soft body and hard outer shell, eg. a barnacle (limpet) sea-snail, etc. Many authors liken flowers, organs, or parts, to some kind of mollusc. + Often, they can ref. to a bivalve mollusc, ie. one which has a hinged double shell, such as a clam, mussel, etc., also see *conch*-.

molossoides: see *molossus* + resembling. Noted as likened to *Masdevallia molossus*. cf. *Masdevallia molossoides*.

molossus: ref. *Molossus*: a kind of dog (: Molossian Hound, orig. from Molossos, Epirus, Greece). Also ref. *Molossus*: a genus of bats, of the order *Chiroptera*. Probably alluding to a flower, ie. for some organ, part, or a group fancifully likened to that of a *Molossus*. ex Madagascar, cf. *Bulbophyllum molossus* Rchb.f.1888.

moluccana: of, or belonging to the Moluccas (Maluku) islands, Indon. cf. *Renanthera moluccana* Blume 1849.

moluccanus: as *moluccana*. cf. *Corybas moluccanus* (Schltr.) Schltr.1923.

moluccense: as *moluccana* (with *-ense*: origin; from, etc.). Listed as ex Ambon Island, cf. *Dendrobium moluccense* J.J.Sm.1914.

moluccensis: as *moluccense*. cf. *Calanthe moluccensis* J.J.Sm.1926.

molybdinus: ref. *molybdos*: lead + *-ina*: like; or for a colour, etc. Another word for lead-coloured: a dull bluish-grey.

mombachoensis: from Mombacho (: San José del Mombacho), a coastal town of Granada Prov., Nicuragua. cf. *Maxillaria mombachoensis* A.Heller ex J.T.Atwood 1981.

mombasaense: as *mombasense*. cf. *Angraecum mombasaense* Rolfe 1897. syn. *Calypstrochilum christyanum* (Rchb.f.) Summerh.1936.

mombasense: from Mombasa, east coast city of Kenya, Africa. cf. *Calypstrochilum mombasense* (Rolfe) Schltr.1915. syn. *C. christyanum* (Rchb.f.) Summerh.

mombasensis: as *mombasense*. cf. *Acampe mombasensis* Rendle 1895. syn. *A. pachyglossa*.

Monacanthus: G.Don 1839, see *Monacanthus*. syn. *Catasetum* Rich.ex Kunth.

monacensis: noted two refs., for the same species. One says it's ex Colombia and the other, ex Venezuela. Searched for hours, reading everything I have, looking for some connection to a place with "monac" involved, to no avail. Had it in the "too hard basket" for a long time and eventually noted that *monacensis* is the "correct" specep. ref. to Munich city (Lat., ref. a contraction of *Monachum*, *Monachium* +

ensis: origin, etc.), Germany. Obviously it was first flowered by some grower, who sent it to Dr. Kränzlin (and possibly without requesting a specimen). cf. *Maxillaria monacensis* Kraenzl. 1927.

Monachanthus: Lindley 1832, ref. *monachos*: a monk + flower. Noted as a fanciful allusion to the lip and column, likened to a face enclosed in a cowl (as a monk). This was also the genus which bore the fem. flowers of *Catasetum* (+ see *Myanthus*). cf. *Monachanthus discolor*. syn. *Catasetum discolor*.

monachica: maybe ref. *monachos*: a monk + *-ica*: for an action, ie. it's wearing a cowl; cowed; hooded (cucullate). One major ref. reports it as a Spanish idiom: a term of endearment for a little girl. It's also possible, it could be interpreted to be the same as *monachorum* (see the entry. + See *monacensis*), for where it was flowered in cultivation (?). ex the Philipp., cf. *Renanthera monachica* Ames 1915.

monachicum: as *monachica*. cf. *Cyrtorchilum monachicum*. syn. *C. annulare*.

monachorum: of a monk + belonging to, ie., the flower is hooded; has a cowl (cucullate). Also possible, ref. *Monachum*: Munich city (+ belonging to), of Germany. This is unlikely as the correct specimen for this is, see *monacensis*. cf. *Ophrys* x *monachorum* O. & E. Danesch. Listed among the synonyms, without date, location, or the "correct name".

monacranthum: see *mono-* + *acr(o-)*: at the top, etc. + *-anthum*: flower. Listed as a natcross, ex Ecuador, of *Cyrtorchilum annulare* x *C. macranthum*. cf. *C. x monacranthum* (Andreeta ex Dodson) J.M.H. Shaw 2002.

Monadenia: Lindley 1838: see *mono-*: one, etc. + gland. syn. *Disa* P.J. Bergius.

monadenia: as *Monadenia*. cf. *Cynorkis monadenia*.

monadenioides: see *Monadenia* + resembling. cf. *Habenaria monadenioides*. syn. *H. williamsii*.

monadenum: see *mono-* + gland + of. cf. *Satyrium monadenum*.

Monandreae: *mono-* + ref. *andros* + of. Ref. Bot., *Monandria*: those with one male (: stamen, or anther). A major divergence of the vegetable kingdom, this word covers the bulk of *Orchidaceae* (: the orchid family).

monandrous: of, belonging, or relative to, one male; of those having one stamen, or anther. + See *Monandreae*.

monantha: one + flower. cf. *Aerangis monantha*. syn. *A. fuscata*.

Monanthaparva: one + flower + small. = *Bulbophyllum* section.

Monanthochilus: (Schltr.) R. Rice 2004: see *mono-* + flower + lip. syn. *Sarcochilus* R. Br.

Monanthos: (Schltr.) Brieger 1981: one + flower. syn. *Dendrobium* Sw.

Monanthos: one + flower. = *Dendrobium* section.

monanthos: one + flower. cf. *Bulbophyllum monanthos*.

monanthous: refs. to any species that has only one flower, on the flower-stem (: the scape).

monanthum: one + flower. cf. *Epidendrum monanthum*. syn. *Prosthechea pygmaea*.

Monanthus: one flower. = *Dendrobium* section.

monanthus: one + flower. cf. *Peristylus monanthus*. syn. *Amitostigma monanthum*.

monensis: from Mona, noted as a small uninhabited island, west of Puerto Rico. cf.

Psychilis monensis Saulea 1988.

monetalis: ref. *moneta*: stamp; mint (as, money) + see *-ale*: of, etc. cf. *Restrepiopsis monetalis*.

monile: necklace (+ can be: a collar). cf. *Epidendrum monile*. syn. *Dendrobium moniliforme*.

monilia: like, or relative to a necklace + see *monile*. cf. *Lepanthes monilia*.

monilibulbum: necklace + bulb(s). The pseudobulbs + rhizome were likened to a string of beads. cf. *Bulbophyllum monilibulbum*.

Monilibulbus: as *monilibulbum*. = *Bulbophyllum* section.

moniliferum: necklace, or collar + bearing. cf. *Epidendrum moniliferum*. syn. *Dendrobium moniliforme*.

moniliform: necklace + shape. Often refs. to the pseudobulbs and rhizome, likened to a necklace. Can also be for any organ, or part being thin, having regular lumpy sections and alluded to resemble a necklace, eg. see *monilirachis*.

moniliforme: as *moniliform*. cf. *Dendrobium moniliforme*.

moniliformis: as *moniliform*. cf. *Phyllorkis moniliformis*. syn. *Bulbophyllum moniliforme*.

monilirachis: necklace + see *rachis*: flower stem part. cf. *Coelogyne monilirachis*.

monitor: a teacher; adviser; reminder; one who warns (?). cf. *Lepanthes monitor*.

Monixus: Finet 1907. Is only listed in the synonyms, so haven't any info. I was going to leave it out, but as it's syn. to *Angraecum* Bory, perhaps it's ref. *mon(o)* + *ix*: a worm, or grub + of (: a unique worm, for the spur?).

mono-: used in compwds., ex *monos*. One; only; single; unique; lone; solitary; alone, etc. + Can suggest that a feature is being pointed out, eg. see *Monochilus*. It certainly only has "one" lip, but *mono-* implies that, at first glance, the lip is the main point of interest, or that it's unique. Another good example, see *Monomeria*.

Monobulbon: see *mono-* + *bulb*. = *Bulbophyllum* subgenus.

monocardia: see *mono-* + *heart*. Ref. the lip, but could apply to a leaf (?). cf. *Pleurothallis monocardia*.

monocarpic: noted this from a discussion, listed as: fruits only once. Refs. to plants that only flowers the once, produces seed and then dies.

monoceras: see *mono-* + *horn*. cf. *Oncidium monoceras*. syn. *O. longicornu* (: long + horn).

Monochilus: Wall.ex Lindley 1840: see *mono-* + *lip*. The large lip is extremely dominant to the other floral segments. syn. *Zeuxine* Lindl.

Monochilus: as last entry. = *Zeuxine* section.

monocotyledonous: see *mono-* + *cotyledon*: embryonic leaf, etc. Of, or to do with a monocotyledon; having one cotyledon (see "C"). + Can ref. to a subclass of the class, *Angiospermae*.

monodon: see *mono-* + *tooth*; toothed. cf. *Dendrobium monodon*. syn. *D. johnsoniae*.

monoecious: having male and female flowers on separate inflorescences., on the same plant. + See *dioecious*.

monoembryonic: having, or producing only one embryo.

monogenetic: of, belonging, or relative to a single genus.

monogona: see *mono-* + ref. *gony*: node; knee; joint. cf. *Masdevallia monogona*.

monogrammoides: looks familiar, but is not to do with a monogram. Listed as lit., ref.
monogrammus: shadowy (as: dark) + suffix: resembling, cf. *Dendrobium*
monogrammoides. syn. *D. masarangense* ssp.*theionanthum*.

monographis: see *mono-* (here, points out the feature) + *graphis*, lit.: a scribe; writing pen.
Alludes to the strange markings likened to some kind of writing. cf. *Graphorkis*
monographis. syn. *G. concolor* var.*alphabetica* (of interest, see *alphabetica*).

monogyne: see *mono-* + *gyne*: woman. Refs. to either the stigma, or ovary. ex Samoa, cf.
Habenaria monogyne.

monolenis: see *mono-* + ref. *lenis*: smooth; soft; gentle, etc. ex Sierra Leone, west Africa. cf.
Polystachya monolenis Summerh.1935.

Monomeria: Lindley 1830: see *mono-* + parts. This could be where *mono-* denotes a feature
and says: look at the parts (*-meria*), of the flower. It is odd, as it appears not to
have petals and the other segments are extremely weird. But the specep. could
also ref. to the pollinarium (: one + part), it has four pollinia connected to only
one stipe. ex Myanmar and Thailand, eg. *Monomeria longipes*.

mononeura: see *mono-* + nerve; vein. cf. *Lepanthes mononeura*.

Mononeuron: one + nerve (or, vein).= *Oberonia* subgenus.

monopetalum: see *mono-* + petal. cf. *Satyrium monopetalum*. syn. *S. trinerve*.

monophlebium: one + vein + of, like, or small (?). cf. *Epidendrum monophlebium*.

monophyletic: noted this and had no idea what it meant and of course, it wasn't in the
glossary. See *mono-*: one + *phyl-*, see *phylum*: race; tribe + suffix: of; belonging to.
For those plants said to have only the one common ancestor. Noted as:
monophyletic genera.

monophylla: see *mono-* + leaf. cf. *Eria monophylla*.

Monophyllorchis: Schltr.1920: see *mono-* + leaf + orchid. ex Costa Rica to Ecuador, eg.
Monophyllorchis maculata.

monophyllos: one + leaf. Listed as a nthn. hemisphere *Malaxis* species and its habit of
only having one leaf easily distinguishes it from its many, more distant,
temperate and tropical relatives. cf. *Malaxis monophyllos*.

monophyllum: one + leaf. cf. *Angraecum monophyllum*. syn. *Oeceoclades monophylla*.

monophyllus: as *monophylla*. cf. *Cyclopogon monophyllus*.

monopodial growth: *mono-* + *podial*: of, or having one foot. In which the top of the
plant keeps growing indefinitely, found with those like *Vanda*, *Arachnis*, etc. and
their many related genera. The top can be cut off and it will grow from the basal
portion, often with two new shoots. The top piece will continue growing as if
nothing has happened, providing it is adequately mature. A great way to
increase your collection, with very little effort, or risk. + See cuttings.

monoptera: see *mono-* + wing(s?). cf. *Lepanthes monoptera*.

Monorchis: was named the same by two authors, Ség.1754 and again, Ehrh.1789: one
testicle, ref. the tuberoid (see *-orchis*). syn. *Herminium* L.

monorchis: as last entry. cf. *Herminium monorchis*.

monorrhiza: see *mono-* + root. Has many roots, but only one large tuberoid. cf. *Habenaria*
monorrhiza.

monosema: see *mono*-+ ref. *sema*: mark; sign. Ref. the petals, each has one red spot. cf.

Bulbophyllum monosema.

monosepalum: see *mono*-+ sepal. cf. *Bulbophyllum monosepalum*.

Monosepalum: Schltr.1913: see *mono*-+ sepals. The joined sepals form a narrow tube. eg.

Monosepalum muricatum. syn. *Bulbophyllum muricatum*.

Monosepalum: as last entry.= *Bulbophyllum* section.

monospecific: of, belonging, or relative to the one species. Note, this is **not** the same as *monotypic*.

monostachya: see *mono*-+ spike. cf. *Eria monostachya*.

Monostachyae: see *mono*-+ spike + of.= *Stelis* section. syn. *Stelis* section *Stelis*.

monotris: as *Monotris*. cf. *Holothrix monotris*. syn. *H. cernua*.

Monotris: Lindley 1835: see *mono*-+ *-tris*: a group of three. Ref. the labellum lobes. syn.

Holothrix Rich.ex Lindl.

monotropis: see *mono*-+ ref. *tropos*: a turning (: once turned?). Or, may be alluding to the genus *Monotropa*, of the heath family, *Ericaceae* (?). cf. *Eulophia monotropis*.

monotropoides: see *monotropis* + resembling. cf. *Amesia latifolia* forma *monotropoides*. syn.

Epipactis helleborine.

monotypic: of, or having one type. Refs. to a genus with only one species.

monrealensis: from Monreale city, nth.coast Palermo, westn. Sicily. cf. *Ophrys*

monrealensis G.Keller 1931 (syn.).

monsooniae: of , or to do with a monsoon: a seasonal wind of sthn. Asia. Also, refs. to a very heavy wet season (usually, in summertime). Listed as ex Kerala, sthn. India, cf. *Pteroceras monsooniae* Sasidh.& Sujanapal 2003.

monstrabile: can't be exact as *monstr-* could be from many words, eg. *monstro*: show; indicate; *monstrator*: one who shows; *monstratus*: distinguished; *monstratum*: pointed out, shown; *monstrum*: a marvel, abnormal, a monster; *monstruosus*: unnatural, etc. For this one, if pushed, I would say ref. *monstrum*, + the suffix *-abile*: having the capability of, or the ability to, ie., it can be very large (a "monster"). The specep. should be to do with its size, as it is noted as the largest *Bulbophyllum* species (known) from the Philippines region. cf. *Bulbophyllum monstrabile*.

monstrabilis: see *monstrabile*. cf. *Barbosella monstrabilis*. syn. *B. prorepens*.

monstrosus: if this is not a typ.error (see *monstruosa*), then ref. *monstro* + see *-osa*: show (-ing) abundance (? , + see *monstrabile*). ex Bolivia, cf. *Odontorrhynchus monstrosus*.

monstruosa: ref. *monstruosus*: wondrous; marvellous, etc. cf. *Oberonia monstruosa*.

monsviridis: mountain + green. This is not specifically for a place name and could be alluding to the plant, or raceme. cf. *Malaxis monsviridis*.

montana: not from the USA., ref. *montanus*: of, belonging to, or concerning a mountain.

Ref. its montane habitat. cf. *Caladenia montana*. Endemic to Vic., Aust. + See next entry.

montana: did another entry as the example I give for this, is from Montana (+ other states), USA., but is not designated as such. So, is probably still to do with a montane habitat, although this author often heavily abbreviates his generic

names and could easily have left off a suffix. cf. *Corallorrhiza montana* Raf.1833.
syn. *C. odontorrhiza*.

montane: anything to do with a mountain, or mountains.

montanum: of; or to do with a mtn. (or, mtns.). Refs. to a montane habitat. cf.
Prasophyllum montanum. Noted as endemic to NSW. and Vic., Aust.

montanus: montane; of a mtn., or mtns. cf. *Sarcochilus montanus*. syn. *S. falcatus*. Noted as endemic to eastn. Aust.

montealegreae: for place name (+ of), only listed as ex Costa Rica. cf. *Ornithocephalus montealegreae* Pupulin 2000. Trivium: the specp. also translates as: *monte*: mount, mountain + *alegre*: glad; pleased; happy, etc.+ of.

montecristensis: from Montecristo (village), Guantánamo Prov., s.east Cuba. cf.
Tetramicra montecristensis H.Dietr.1984.

montedeakinense: listed for place name, most refs. say: unable to locate (and neither could I). Reportedly for a Mt.Deakin in PNG., but have also noted it listed as *montdeakense* (from Mt.Deak?). cf. *Dendrobium montedeakinense* F.M.Bailey 1902.

montelli: listed for botanist and author, Justus Elias Montell [+ of] (1869-1954). cf.
Dactylorhiza montelli (Vermeullen) Delforge. syn. *D. maculata* ssp.*elodes*.

montenegrina: listed as Lat'd. spelling for place name: of the Montenegro Republic (Yugoslavia). cf. *Ophrys montenegrina* (H.Baumann & Künkele) J.& P.Devilliers-Terschuren 1991. syn. *O. sphegodes*.

montense: from the mountain. Orig. found ex Mt. Kinabalu, Borneo. cf. *Bulbophyllum montense* Ridl.1894.

monteverdensis: for place name (+ from), listed as ex Costa Rica. Noted a town and a couple of villages, called Monteverde, in different provinces. cf. *Lepanthes monteverdensis* Luer & R.Escobar 1987.

monteverdi: for place name. This species is listed to be from different countries of the American tropics and there are many with this name (or variations of it). Because of the "correct name", see the next entry. cf. *Aeranthus monteverdi* Rchb.f.1865.
syn. *Campylocentrum filiforme*.

monteverdi: another entry as this one is definite. Listed as refs. to: Santa Lucía Monteverde (+ of), a town of Oaxaca, sthn. Mexico. cf. *Campylocentrum monteverdi* (Rchb.f.) Rolfe 1903. syn. *C. filiforme*.

monteverdense: as *monteverdensis*. cf. *Stellilabium monteverdense* J.T.Atwood 1989.

monteverdensis: this is listed as ex Costa Rica. Noted, two villages, Monteverde of Limón Prov. and Monte Verde of Puntarenas Prov. cf. *Maxillaria monteverdensis* J.T.Atwood & Barboza 1994. + See next entry.

monteverdensis: from Monte Verde (village), Guantánamo, eastn. Cuba. cf. *Encyclia monteverdensis* M.A.Diaz & Ackerman 2004.

montevidense: as *montevidensis*. cf. *Stenorrhynchos montevidense* Barb.Rodr.1907. syn. *Skeptrostachys montevidensis* (Barb.Rodr.) Garay 1982.

montevidensis: from Montevideo, for the capital city, and/or of Montevideo Department, Uruguay. cf. *Habenaria montevidensis* Spreng.1826.

montezumae: listed as ex Costa Rica: of Montezuma, a coastal town of s.east Puntarenas Prov. cf. *Pleurothallis montezumae* Luer 1996.

monti-: used in combwds., ref. *montis*: mountain. For anything to do with a mountain.

monticola: mountain + dweller; resident. cf. *Diuris monticola*. Endemic to s.eastn. Aust.

monticolum: as *monticola*. cf. *Bulbophyllum monticolum*. syn. *B. gravidum*.

monticolus: as *monticola*. cf. *Gastrochilus monticolus*.

monticuprina: my first guess was: mountain + of, or like copper. But, from the author's notes (ref. P.van Royen 1979), it's from the Latin form of the Dutch name: ore mountain, as it comes from Ertsberg, Carstensz Mtns., Papua, Indon. cf. *Glossorhyncha monticuprina* P.Royen 1979 (syn.).

montigena: mountain + born; kind. cf. *Galeola montigena*. syn. *Pseudovanilla foliata*.

montigenum: as *montigena*. cf. *Dendrobium montigenum*. syn. *Dendrobium decockii*. Noted as endemic to Papua, Indon.

montihageni: Lat'd. spelling for place name: Mount Hagen, a major town of central PNG. cf. *Epiblastus montihageni* P.Royen 1979. Noted as endemic to PNG.

montipelladensis: for place name (+ from), only listed as ex São Paulo state, Brazil. cf. *Pleurothallis montipelladensis* (Hoehne) 1929.

montis-elgon: as next entry. cf. *Habenaria montis-elgon* Schltr. syn. *Platycoryne crocea*.

montis-elgonis: Lat'd. spelling for place name: of Mount Elgon, a volcano on the sthn. Uganda/Kenya border. cf. *Eulophia montis-elgonis* Summerh.1932.

montis-fontium: freely trans.: mountain + spring + of. Could be for a place name, but also may be to do with a small mountain spring (perhaps, found growing alongside a small mtn. rivulet?). Listed as ex New Caledonia, cf. *Lyperanthus montis-fontium* Guillaumin. syn. *Megastylis montana* (: of a mountain).

montis-grossi: Lat'd. spelling for place name: of Mount Gross. Could also ref. to either of two towns, called Montegrosso, one of n.east Corsica, the other (Montegrosso d'Asti) of Piedmont, Italy (?). cf. *Ophrys* x *montis-grossi* Kohlmüller.

montis-leonis: Lat'd. spelling, ref. to Monte Leone, of the Lepontine Alps (on the border of Italy and Switzerland). cf. *Ophrys montis-leonis* O.& E.Danesch 1972. syn. *O. exaltata* ssp.*tyrrhena*.

montis-movi: had this in the "too hard basket" for a long time, without the "correct name". Then eventually found it's Lat'd. spelling for place name: of Mt.Mou, New Caledonia (+ see *mouanum*). cf. *Dendrobium montis-movi* Kraenzl.1929. syn. *Glomera macdonaldii* (Schltr.) Ames 1933.

montis-narae: for place name (of Mt.Nara?), only listed as ex Costa Rica. cf. *Epidendrum montis-narae* Pupulin & L.Sánchez 2001.

montispichinchense: from Volcán Pichincha (*montis-*: mountain + Pichincha +-ense: from), a volcano of Pichincha Province, Ecuador. cf. *Epidendrum montispichinchense* Hágsater & Dodson 2001.

montis-rotundi: mountain + see *rotundi-*: almost circular, etc. Listed as ex Colombia and is probably for a place name (a volcano?), but not as that given in the specep. cf. *Lepanthes montis-rotundi* P.Ortiz 1997.

montis-sellae: mountain + saddle (or, for a common name: Saddle Mountain?). ex Huon Peninsula PNG., cf. *Dendrobium montis-sellae* Kraenzl.1910.

montis-stellare: see *montistellare*. cf. *Corybas montis-stellare* P.Royen 1979. Noted as endemic to New Guinea.

montis-tauri: refs. to the Taurus Mtns.(+ of), sthn. Turkey. cf. *Himantoglossum montis-tauri* Kreutz & W.Lüders 1997.

montistellare: listed as Lat'd. spelling for place name: Star Mtns., centrally on the border of Papua, Indon. and PNG. cf. *Dendrobium montistellare* P.Royen 1979. Noted as endemic to New Guinea.

montis-wilhelminae: for place name, of Mount Wilhelmina: *Wilhelmina Keten* (: *Wilhelminagebergte*) mtn. range, central Surinam. cf. *Habenaria montis-wilhelminae* Renz 1992.

montis-yulei: for place name: of Mount Yule, centrally west of Morobe, PNG. cf. *Dendrobium montis-yulei* Kraenzl.1910.

montolivaea: see next entry. cf. *Habenaria montolivaea* Kraenzl.ex Engl.1892.

Montolivaea: Rchb.f.1881. Listed as Lat'd. spelling for place name ex Ethiopia (mount + of olives?). Can't locate it, but noted there are native **olive** forests on the Ethiopian Plateau (: **mountains**). syn. *Habenaria*.

montosus: descwd., seen in descriptions, of habitat: mountainous places (: a montane habitat).

montserratense: from Montserrat Island (entirely volcanic), a British dependency of the Lesser Antilles, Caribbean Sea. cf. *Epidendrum montserratense* Nir 2000.

montserratensis: from Montserrat. Could ref. to the mountain, or the nearby city of Olesa de Montserrat, both of Catalonia, n.east Spain. cf. *Ophrys* x *montserratensis* Cadevall.

Monustes: Raf.1837: see *mono*-+ ref. *usta*: a burnt, or scorched colour (: brownish). syn. *Spiranthes* Rich.

monzonense: from Monzón, only listed as ex Peru. Noted two places: a town of Huánuco and a village of Ica Departments (admin. divisions). cf. *Catasetum monzonense* D.E.Benn.& Christenson 1998.

moonii: of Moon. Listed for botanist and author, Alexander Moon (?-1825). ex Sri Lanka, cf. *Vanilla moonii* Thwaites 1861.

Moorea: Rolfe 1890. Noted as rare ex Panama and Colombia. For Sir F.W.Moore (+ of), first to flower it. More info. see *mooreana*, next entry. syn. *Neomoorea* Rolfe.

mooreana: belonging to Moore. Listed for author and phytologist, Sir Frederick William Moore (1857-1949), Director of the Glasnevin Bot. Garden, Dublin, Ireland. ex Colombia, cf. *Masdevallia mooreana* Rchb.f.1884. + See next entry.

mooreana: belonging to Moore. For phytologist and author, Spencer le Marchant Moore (1850-1931). ex Madagascar and Comoros, cf. *Aerangis mooreana* (Rolfe ex Sander) P.J.Cribb & J.Stewart 1983. + See next entry.

mooreana: for Charles Moore + belonging to, info. see *moorei*. ex New Guinea, cf. *Eria mooreana* F.Muell.ex Kraenzl.1911.

mooreanum: belonging to Moore (Spencer le M., see [*Aerangis*] *mooreana*). cf. *Angraecum mooreanum* Rolfe ex Sander. syn. *Aerangis mooreana*. + See next entry.

mooreanum: for Sir F.W.Moore + belonging to, see *mooreana* (*Masdevallia mooreana*). ex Africa, cf. *Bulbophyllum mooreanum* Robyns & Tournay 1955. syn. *B. sandersonii*.

x *Mooreara*: auct.: of Moore (? , see the nearby entries). On the syn. list, the result of *Brassavola* x *Broughtonia* x *Cattleya* x *Laelia* x *Schomburgkia* x *Sophranitis*.

moorei: see *Moorea*. ex Colombia, cf. *Acineta moorei* Rolfe 1911. syn. *A. hrubyana*.

moorei: listed for author and phytologist, Charles Moore (1820-1905). Born in Scotland, he arrived in Sydney, January 1848 to take up the position of Director of the Botanic Gardens, where he served until 1896. Wrote several papers for the Royal Society of NSW. and books on the flora of NSW. & Lord Howe Island. Was co-author, with E. Betcke (see *betckei*) of "The Handbook of The Flora of NSW" 1893. cf. *Dendrobium moorei* F. Muell. 1870. Noted as ex Lord Howe Island and Norfolk Island, off east coast of NSW., Aust.

moorei: put it in again, as I wish to record an interesting phenonemon with this one, see sketch and notes. As previous entry, this is for Charles Moore. cf. *Sarcochilus moorei* Rchb.f. 1880. syn. *Rhinerrhizopsis moorei* (Rchb.f) Ormerod 2001. Noted as monotypic and not uncommon ex PM.PNG.

At the top of the pot is a *Diplocaulobium* species. First found it ex Sogeri Plateau 10/'69
and then very common, from many locations. Beneath this is:

Sarcochilus moorei Rchb.f. syn.

Rhinerrhizopsis moorei (Rchb.f.) Ormerod.



The sketch is not to any scale. The pot was a 3" (75mm).

Sarcochilus moorei Rchb.f. syn.
Rhinerrhizopsis moorei (Rchb.f.) Ormerod.

First found it ex Brown River, PM.PNG. 8/'70 and then at other locations, not uncommon. Did the sketch (and story) for our club newsletter, mainly to show how to increase bush-house space, utilising one pot for two (or even three), different (compatible) species. Plus to remark upon an interesting phenomenon I had noticed with this plant. The article (condensed here), I entitled "The Wonder of a One-day Wonder, *Sarcochilus moorei*".

I had a healthy specimen and was very pleased to see it was going to flower, as I didn't know what it was for sure (it looked a lot like some kind of *Phalaenopsis*). Watching it like a hawk (I was a bit like a pregnant father, with a new species, ie. new to me), I was happy to see, about ten days later, another raceme forming. Later, it was obvious the first flowers were ready to open at any moment as they had split, fractionally. I couldn't believe it, the frustrating little so and so kept me waiting in suspense for its twin to catch up and then all the flowers opened simultaneously! Have since learned it is not so unusual (see synchronous flowering), but at the time, in my ignorance, I thought it was amazing.

Each flower was approx.17mms. across, a pale cream with reddish-brown spots and bars with approx.30 flowers to each raceme, being c36cms.(15") long. In the bush they have a slight, rather offensive "perfume" and yet was unnoticeable in captivity. Delightful and very pretty, a shame they only last for the one day.

With the pot being plastic, I burned a hole in the side to accomodate the plant and on top, I jammed a little common *Diplocaulobium* sp., also a "one-day wonder". This one never seems to stop flowering, has white flowers, a yellow .throat and a sweet perfume like a frangipani (first, ex Sogeri Plateau 10/'69).

moortebeekiense: for place name (+ from). Ref. Moortebeek, a large town of Flemish Brabant, Belgium. Probably for where it was flowered in cultivation. ex Brazil, cf. *Oncidium varicosum* var. *moortebeekiense* L.Linden 1906. syn. *O. insigne*.

mopsus: the only ref. I have is ex Gk.myth: *Mopsos* (Mopsus), an incommensurate prophet, soothsayer and noted from around the time of the fall of Troy. Perhaps the authors hoped for mystical assistance in their classification (?). cf. *Dracula mopsus* (F.Lehm.& Kraenzl.) Luer 1978.

morae: for place name: of Mora (village), Peninsula de Nicoya, Guanacaste Prov., Costa Rica. cf. *Stelis morae* Luer 1996.

moralesii: for phytologist and author, Torres Concepción Morales (b1944). ex Mexico, cf. *Maxillaria moralesii* Carnevali & J.T.Atwood 1996.

moramangana: as *moramaganum*. cf. *Cynorkis moramangana* Schltr.1922. syn. *C. ridleyi*.

moramaganum: for place name: of, or belonging to Moramanga, a major town of eastn. central Madagascar. cf. *Bulbophyllum moramaganum* Schltr.1922.

moramangensis: from Moramanga. See *moramaganum*. cf. *Cynorkis angustipetala* var. *moramangensis* H.Perrier 1931.

moratii: of Morat. cf. *Aeranthus moratii* Bosser 1971. Noted he named it for colleague, phytologist and author, Philippe Morat (b1937) of the Tsimbazaza Bot.Garden, Antananarivo, central Madagascar. Of interest, noted he also collected in Cameroon, Africa and New Caledonia. (ex the Isle of Pines cf. *Eulophia moratii* N.Hallé 1977).

moravica: listed as Lat'd. spelling for place name: belonging to Moravia: a region of central Czechoslovakia, and/or ref. the Moravia River (?). cf. *Orchis moravica* Jacquin. syn. *Orchis purpurea*.

mordax: pungent; biting; acrid smell. cf. *Porroglossum mordax*.

moreliana: listed for noted grower, G.M.Morel of St.Mande, France, first to flower it. ex Venezuela and Brazil, cf. *Miltonia moreliana* A.Rich.1848.

morellensis: for place name (+ from), only listed as ex Italy. May ref. to Villa Morelli (town) of Crotone, Calabria, or Morello (town) of Ancona, Calabria (?). cf. *Ophrys* x *morellensis* O.& E.Danesch 1972.

morenoi: listed for orig.coll. and first to flower it, Oscar Moreno (+ of), San Javier, Santa Cruz, Bolivia. cf. *Bulbophyllum morenoi* Dodson & R.Vásquez 1989.

morensis: for place name (+ from), listed as ex Sardinia Island, Italy. cf. *Ophrys* x *morensis* Giotto & Piccitto 2001.

morganae: as this is a synonym, there wasn't any info. May be for a lady's given name, or a place name, but also, could be to express "beauty": ref. the very beautiful, Morgan le Fay, half-sister to the legendary Arthur, king of the Britons (?). ex Colombia, cf. *Cattleya morganae* R.Warner & B.S.Williams 1882. syn. *C. mendelii*.

morganiae: was listed as being for Mr.S.Morgan of New York, USA., but the suffix is feminine (for Ms.S.Morgan ?). cf. *Cattleya morganiae* B.S.Williams & Moore. Took this info. from a book, but there isn't any official listing.

morganii: listed for botanist and author, David R.Morgan (+ of). ex Ecuador, cf. *Epidendrum morganii* Dodson & Garay 1980. + See next entry.

morganii: for orig.coll., Henry Morgan. ex Cobungra, Vic. cf. *Prasophyllum morganii* Nicholls 1930. Noted as endemic to NSW. and Vic., Aust.

moria: one ref. suggests this was an error for *morio* (see later entry), as see the “correct name”. cf. *Orchis moria*. syn. *Anacamptis morio*.

x *Morieara*: **Morie** & J.M.H.Shaw: obviously for the first author (no further info.). On the syn. list, the result of *Doritis* x *Neofinetia* x *Phalaenopsis* x *Rhynchostylis*.

morina: see *morinus*. cf. *Corunastylis morina*. syn. *Genoplesium morinum*.

morinanthum: see *morinus* + flower. Listed as ex Manchuria, China. cf. *Cypripedium morinanthum* Y.N.Lee 2002.

morinum: as *morinus*. cf. *Genoplesium morinum*. Noted as endemic to s.eastn. Aust.

morinus: listed as a vague colour term: mulberry-black (: a deep violet-purple).

morio: clown; fool; jester. Painted to look like a clown (?). One ref. suggests it's for the tepals forming a hood, likened to a clown's cap. cf. *Anacamptis morio*.

morioides: see *morio* + resembling. cf. *Orchis* x *morioides* Brand.

moriopapilionacea: a combination of the parental speceps. (*Anacamptis morio* x *A. papilionacea*). cf. *Orchis* x *moriopapilionacea* Timb.-Lagr. Listed among the synonyms and the only other info. is that it's an *Anacamptis* hybrid.

morisii: listed for orig.coll., botanist and naturalist, Giuseppe Giacinto Moris (1796-1850). ex Sardinia island, Italy, cf. *Ophrys morisii* (Martelli) Cif.& Giacom.1950.

moritziana: belonging to Moritzi. Listed for botanist and author, Alexander Moritzi (1807-1850). ex Europe, cf. *Orchis moritziana* Brügger 1874. syn. *Gymnadenia nigra*.

moritzii: of Moritzi, see *moritziana*. ex Colombia, cf. *Cleistes moritzii* (Rchb.f.) Garay & Dunsterv.1966.

Mormodes: Lindley 1836: ref. *mormo*: a phantom; boogeyman; monster + resembling. Reported to be for the bizarre shape of the flowers. ex Mexico, eg. *Mormodes luxata*.

Mormolyca: Fenzl 1850: ref. *mormo*: a monster, etc.(see *Mormodes*) + ref. *lykos*: wolf. Noted it's also one word, *mormolyca*: an imagined monster; boogeyman, etc. and refs. to the weird flowers. ex Brazil, eg. *Mormolyca galeata*.

Mormolyce: had the same refs., so could be a typ.error?, see *Mormolyca*.

mornicola: refs. to Morne La Selle (: Pic La Selle, mtn. peak) + resident; dweller. Of s.east Haiti, cf. *Lepanthes mornicola* Urb.1917.

morochoi: may be for a person's name (+ of), could also ref. to Morocho (village), Guayas Prov., Ecuador. cf. *Masdevallia morochoi* Luer & Andreeta 1989.

moronae: of Morona. There is a Morona (village), which is also in Morona-Santiago Prov., Ecuador, so it could be for either. cf. *Pleurothallis moronae* Luer & Hirtz 1996.

moronense: as *moronensis*. cf. *Epidendrum moronense* Dodson & Hágsater.

moronensis: from Morona-Santiago Prov., Ecuador, and/or see *moronae*. cf. *Dichaea moronensis* Dodson 1993.

morotaiense: from Morotai Island, nthn. Moluccas (Maluku), Indon. cf. *Bulbophyllum morotaiense* J.J.Sm.1932.

morph-, *-morpha*, etc.: used in compwds., ref. *morphe*: having the shape, or form of; -formed; -shaped.

morphologorum: loosely trans.: of logical shape. cf. *Bulbophyllopsis morphologorum*. syn. *Bulbophyllum umbellatum*.

morphology: the science of the structure and shape of organisms.+ Ref. morphologist: one skilled in this study.

Morren: did a separate entry, as notes and listings to this man are very confusing. Have noted refs. to an Edward; E., and/or a C. (Morren), all c1855. The only official listing (relative to these) is for Charles Jacques Edouard Morren (1833-1886) [Edouard, in English: Edward]. Descs. accredited to him are supposed to be noted as C.J.Morren. Perhaps, some authors are using their own interpretations and they are all for the same man (?).

morrenii: listed for botanist, naturalist and author, Edward Morren (+ of, see last entry). ex Mexico, etc., cf. *Oncidium luridum* var. *morrenii* Lindley 1855. syn. *Trichocentrum luridum*.

morrisii: listed for botanist, Patrick Francis Morris (1896-1974). Worked at the National Herbarium of Vic. for 48yrs.and retired as Senior Botanical Officer. cf. *Genoplesium morrisii* (Nicholls) D.L.Jones & M.A.Clem. 1989. Noted as endemic to s.eastn. Aust.

morrisii: listed for orig.coll., botanist D.(Dennis?) Morris. ex Jamaica, cf. *Dichaea morrisii* Fawcett & Rendle.

morrisonicola: ref. Mt.Morrison (: Yü Shan). Taiwan's highest mountain + dweller; resident. cf. *Goodyera morrisonicola* Hayata 1911. syn. *G. velutina*.

morumbalaensis: from Morrumbala, a town of central Mozambique, s.east Africa. cf. *Eulophia morumbalaensis* De Wild. syn. *Eulophia streptopetala*.

mortii: listed for orig.coll., T.S.Mort (+ of). Listed as ex eastn. Aust. and New Caledonia, cf. *Dendrobium mortii* F.Muell.1859.

mortonii: as *mortonensis*. cf. *Orchis mortonii* Druce. syn. *Dactylorhiza x grandis*.

mortonensis: from Morton. Listed as ex France and England, noted many towns called Morton. cf. *Orchis x mortonensis* E.G.& A.Camus 1928. syn. *Dactylorhiza x grandis* (Druce) P.F.Hunt 1971.

mosaica: is probably intended in the English sense: of a mosaic (of patterns and colours). ex Ecuador, cf. *Aspidogyne mosaica* Ormerod.

mosambicensis: from Mozambique, Africa. cf. *Habenaria mosambicensis* Schltr.1899.

moschata: ref. *moschatus*: musky; musk-scented. cf. *Pleurothallis moschata*. syn. *Trichosalpinx arbuscula*.

moschatum: as *moschata*. cf. *Dendrobium moschatum*. syn. *D. pulchellum*.

moschifera: musk + bearing. Listed as ref. the musky perfume. cf. *Arachnis moschifera*. syn. *A. flos-aeris*.

mosenianum: belonging to Mosen, see *mosenii*. ex Brazil, cf. *Zygopetalum mosenianum* Barb.Rodr.1877. syn. *Z. pedicellatum*.

mosenii: of Mosen. Listed for orig.coll., botanist Carl Wilhelm Hjalmar Mosen (1841-1887). ex Brazil. cf. *Maxillaria mosenii* Kraenzl.1911.

mosquerae: of Mosquera, a coastal town of n.west Nariño Department (admin. division), Colombia. cf. *Masdevallia mosquerae* (Kraenzl.) F.Lehm.& Kraenzl.1925. syn. *Dracula houtteana*.

mossambicensis: for place name (+ from). Maybe the author spelt it this way just to be different, as it is from Mozambique. cf. *Eulophia mossambicensis* Schelpe 1976. syn. *E. tenella*.

mosses and liverworts: I have grouped them together as they are noted to be very closely related. I can't attempt to go into detail, as I know very little about them. Only that they are plants that many orchids enjoy growing on, or amongst. One friendly orchidologist once said to me "... moss is a marvellous kind of barometer, always bear in mind, generally, if you can grow moss then you can grow orchids!". Mosses are often noted as bryophytes, belonging to the division *Bryophyta* and the class *Musci*.

Liverworts: Their name is reported to be for some individual plants being fancifully likened to the shape of the human liver +-wort, is from Old Eng., *wyrt*: any small herb, or very small plant. I know I've seen them, but to me they were just another kind of moss. They are of the class: *Hepaticae* and the division, *Bryophyta*.

mossiae: ex Venezuela, cf. *Cattleya mossiae* C.S.P.Parish ex Hook.1838. Listed as first flowered by noted grower, Mrs.Moss of Liverpool, Eng. + Also cf. *Coelogyne mossiae* Rolfe 1894. Added this one because of interest to note, it's still for a Mrs.,or Ms.Moss, but the two species, having different authors, could have been named anywhere up to c55yrs. apart. The *Cattleya* was first named in 1838 and the *Coelogyne*, 1894. + The (*Coelogyne*) orig.coll., is listed as John S.Moss, ex Nilgiri Hills region (and noted as endemic to India). I would like to be able to sort out this mystery as it's most intriguing, especially if these people are of the same family and what a string of coincidences it would be if they're not!

motae: for place name (+ of), only listed as ex Brazil. Found many places called "Mota", from many different states of Brazil. cf. *Cattleya motae* L.C.Menezes ex A.B.Gomes 1988.

motile: the ability to move; capable of movement.

motozintlensis: from Motozintla de Mendoza city, Chiapas state, Mexico. cf. *Lepanthes motozintlensis* Salazar & Soto Arenas 1996.

mouanum: belonging to Mt.Mou, New Caledonia. (+ Of interest see *montis-movi*). cf. *Dendrobium mouanum* Guillaumin 1950. syn. *Glomera macdonaldii*.

mouii: as *mouanum*. cf. *Glomera mouii* (Schltr.) Ames.

moulmeinense: from Moulmein city (formerly Maulmain), at the mouth of the Salween River, Myanmar. Noted, the specep. was suggested by the Rev.Parish (see *parishii*). cf. *Dendrobium moulmeinense* C.S.P.Parish ex Hook.f.1890. syn. *Dendrobium dixanthum*.

moulmeinensis: as *moulmeinense*. cf. *Rhomboda moulmeinensis* (C.S.P.Parish & Rchb.f.) Ormerod 1995.

moultonii: listed for orig.coll., botanist John Moulton (1886-1926), who collected extensively in Borneo and surrounds. cf. *Coelogyne moultonii* J.J.Sm.1912.

mouraei: listed for botanist, Carlos Alberto Ferr Ira de Moura (+ of). ex Brazil, cf. *Pleurothallis mouraei* Cogn.1896.

mouraeoides: see *mouraei* + resembling. Was possibly likened to *Pleurothallis mouraei* (?). cf. *Trichosalpinx mouraeoides* (Hoehne) Luer 1983.

mowbulana: belonging to Mount Mowbullana, Bunya Mtns. N.Park, n.west of Brisbane, Qld., Aust. cf. *Liparis mowbulana* F.M.Bailey 1898. syn. *L. coelogynoides*.

moyobambae: for place name: of Moyobamba, a nthn.central city of San Martín Department, Peru. cf. *Cyclopogon moyobambae* Schltr.1921. syn. *C. inaequilaterus*.

mozambicense: Lat'd.spelling for place name: from Mozambique, sthn. eastn. Africa. cf. *Bulbophyllum oxypterum* var.*mozambicense* Finet 1910. syn. *B. maximum*.

mozambicensis: as *mozambicense*. cf. *Disperis mozambicensis* Schltr.1897.

mrkvickana: belonging to Mrkvick (how do you pronounce this ?). Haven't any info., but did an entry to help add to the confusion. It's not an error and is officially listed as: "*Orchis mrkvickana* Velen., Reliq. **Mrkvic.**: 29 (1922)". ex Sweden, Spain to the Caucasus and n.west Africa.

muansae: for place name (+ of), for the region, or the city of Mwanza (aka. **Muansa**), capital of the Mwanza Region, sthn. shore of Lake Victoria, nthn. Tanzania, Africa. cf. *Diaphananthe muansae* (Kraenzl.) Schltr.1918. syn. *D. fragrantissima*.

mucida: see *mucidus*. Ref. the glandular secretions of the column. cf. *Thelymitra mucida*. Noted as endemic to sthn. Aust.

mucidus: descwd.: slimy secretion; mucus. + Can mean (appearing to be) of mold; moldy.

mucilaginous: ref. mucilage: like, or having a viscid, sticky juice (+ Eng. suffix). Of, or like mucilage. Usually refs. to a secretion: sticky; gluey; slimy, etc.+ See *mucidus*.

mucosum: ref. *mucosus*: full of mold; slime; with much slime, etc. cf. *Porroglossum mucosum*.

mucro: ref. *mucronis*, *mucro*: a terminal small hard projecting point. Refs. to an axis, or mid-rib that extends slightly beyond the apex of an organ or part and is pointed.

mucronata: see *mucro*, *mucronate*. cf. *Liparis mucronata*. syn. *L. disticha*.

mucronate: having, or like a *mucro*. Terminating with a short sharp point. + See *mucro*.

mucronatum: as *mucronate*. cf. *Prasophyllum mucronatum* Rupp 1948. Noted as endemic to NSW., Aust.

mucronatus: as *mucronate*. cf. *Corybas mucronatus*. syn. *C. pictus*.

mucronifolia: *mucronis*, see *mucro* + leaf. cf. *Phyllorkis mucronifolia*. syn. *Bulbophyllum mucronifolium*.

mucronifolium: see *mucro* + leaf. cf. *Bulbophyllum mucronifolium*.

mucronipetala: see *mucro* + petals. cf. *Stelis mucronipetala*.

mucronulatum: see *mucro* with an added dimin.: having, or like a small *mucro*. cf. *Dendrobium mucronulatum* (syn.).

mucrouncata: see *mucro* + uncate: hooked. cf. *Stelis mucrouncata*.

mucugense: from Mucugê, a minor city of Bahia state, eastn. Brazil. cf. *Sophranitis x mucugense* (F.E.L.Miranda) Van den Berg & M.W.Chase 2000.

mucugensis: as *mucugense*. cf. *Laelia x mucugensis* F.E.L.Miranda 1993. syn. *Sophranitis x mucugense* (F.E.L.Miranda) Van den Berg & M.W.Chase 2000.

muelleri: see *muelleriana*. cf. *Vandopsis muelleri* (Kraenzl.) Schltr. syn. *Arachnis beccarii* Rchb.f.1886. First found it at the top of the cliff-face of Hombrom's Bluff, PM.PNG. (Aug.'72), growing in crevices, or fissures and is a massive member of the *Vanda* tribe (: *Vandaeae*). The plants are huge, to c180cms.(6ft.) high and each fleshy, strap-like leaf, c120cms. (4ft.) long. The panicle inflo. can be up to nearly 5metres (that's right 16ft.!) and can last for years as it lignifies with age. A truly memorable plant, but I never bothered to take one home, as it's only a "botanical" and for all its massive size, its (few) flowers are disappointing. + See next entry.

muelleri: listed for German botanist, H.Mueller (1829-1883). ex west and central Europe, cf. *Epipactis muelleri* Godfery 1921. + See next entry.

muelleri: listed for botanist, naturalist and author, Carl Alfred Müller (1855-?). Descs. accr. to him are abbr. to: C.Muell. ex Colombia, cf. *Maxillaria muelleri* Regel 1890.

muelleriana: belonging to Mueller. For Baron Sir Ferdinand Jakob Heinrich von Mueller FRS.,CMG., KCMG.* (1825-1896). Born Rostock, Germany and emigrated to Aust. 1847. In 1852 was appointed Government Botanist in Victoria and in 1855, Director of the Melbourne Bot. Gardens. A prolific author, explorer, phytologist, collector and authority on Aust. flora, descs. accr. to him are abbr. to: F.Muell. cf. *Oberonia muelleriana* Schltr.1907. syn. *Oberonia complanata*. Pers.coll., very common ex PM.PNG. *KCMG.= Knight Commander of The Most Distinguished Order of St.Michael & St.George, awarded 1878 for services to the colony. This explains why I've often seen him ref. to as Sir-, which had me baffled as he is mostly noted as Baron- (an honorary European title, which was awarded prior to his knighthood).

muellerianum: see *muelleriana*. ex Qld., Aust., cf. *Dendrobium muellerianum* Schltr.1907. syn. *D. agrostophyllum*. Noted as endemic.

mukandaensis: from Mukanda. Noted, there are two villages of this name, one of Katanga and the other of Orientale, Congo (DRC.), Africa. cf. *Polystachya mukandaensis* De Wild.1904. syn. *P. concreta*.

mulanjiensis: for place name: from Mt.Mulanje (: Sapatwa Peak), s.east Malawi, Africa. cf. *Brownleea mulanjiensis*. H.P.Linder 1985.

mulch: a common term, orig. for straw, or a mix of straw and manure. Used in horticulture as a ground cover, around plants to enrich the soil and discourage weed growth. Can also apply, with the same usage, to any decaying vegetation; compost, etc.

mulderae: listed for Mrs.T.Mulder-Roelfsema of Wageningen, the Netherlands. ex New Guinea, cf. *Bulbophyllum mulderae* J.J.Verm.1993.

mule, muling: terms not used anymore, but often seen in older books: hybrid, hybridisation. + Ref. *mulus*, see later entry.

mulignensis: for place name (+ from), listed as ex Graubünden canton (admin. division), Switzerland. + Ref. the town of Mulegns (: Mühlen) cf. *Dactylorhiza x mulignensis* (Gsell) Soó 1962.

mulindana: belonging to Mulinda. Noted two villages, of this name, in Zambia, Africa. cf. *Liparis mulindana* Schltr. 1915.

multi-: used-in compwds., ref. *multus*: much; many; multiple, etc.

multibracteata: much + bracted. cf. *Platanthera multibracteata*.

multicaudata: see *multi-*+ tailed. cf. *Habenaria multicaudata*.

multicaule: see *multi-*+ stem; stalk. cf. *Dendrobium multicaule*. syn. *Eria muscicola*.

multicaulis: as *multicaule*. cf. *Maxillaria multicaulis*.

multicaulon: as *multicaule*. cf. *Habenaria multicaulon*. syn. *H. multicaulis*.

multiclavia: see *multi-*+ club + of. Ref. the tips of the tepals (+ see club). cf. *Caladenia multiclavia*. Noted as endemic to s.west Aust.

multiclavium: as *multiclavia*. cf. *Calonema multiclavium*. syn. *Caladenia multiclavia*.

multicolor: many + colours, or much-coloured (?). cf. *Cordiglottis multicolor*.

multicostatum: much + ribbed (or veined, see *costate*). cf. *Dendrobium multicostatum*. syn. *D. hosei*.

multicuspidata: see *multi-*+ see *cuspidate*: pointed. cf. *Trichosalpinx multicuspidata*.

multifida: many + divisions (or, much cleft, etc.+ see *-fid*). cf. *Disa multifida*.

multifidum: as *multifida*. Ref. the lip. cf. *Catasetum multifidum*.

multifissum: many + ref. *fissus*: split; cleft, etc. cf. *Catasetum multifissum*.

multiflexum: many bends, or much bent (?). cf. *Bulbophyllum multiflexum*.

Multiflora: many flowers.= *Eria* section. syn. *Eria* section *Urostachya* (?).

multiflora: many flowers. cf. *Aerides multiflora*.

multiflorum: many flowers. cf. *Bulbophyllum multiflorum*.

multiflorus: many flowers. cf. *Eriochilus multiflorus*. Noted as endemic to West.Aust.

multifoliata: much + leafed, or could be leaf-like, see *foliate*. cf. *Galeandra multifoliata*.

multifolium: much + leafed. The description says: "densely leafed". cf. *Dendrobium multifolium*.

multigeneric: of many genera, or of multiple genera. Often seen in ref. to hybrids with more than two genera of parents.

multilamellata: many + see *lamellate*. cf. *Chloraea multilamellata*. syn. *C. longipetala*.

multiligulatum: many + see *ligule*, *ligulate*. cf. *Bulbophyllum multiligulatum*.

multilineatum: many, or much + lined. cf. *Dendrobium multilineatum*.

multilineolata: see *multi-*+ see *lineolate*: with fine lines. cf. *Chloraea multilineolata*.

multiloba: see *multi-*+ lobe. cf. *Trichoglottis multiloba*. syn. *Staurochilus dawsonianus*.

multilobatum: see *multi-*+ lobed. cf. *Dendrobium multilobatum*. syn. *D. oppositifolium*.

multinervia: as *multinervous*. cf. *Listera multinervia*. syn. *L. ovata*.

multinervous: many + nerves, or much + veined. Ref. the leaves. cf. *Tropidia multinervous*.

multinodis: see *multi-*+ node; knot. cf. *Aeranthus multinodis*.

multinominatum: many, or much-named. cf. *Angraecum multinominatum*.

multipartita: see *multi-*+ divided; divisions. Floral segments have many lacerations. cf. *Habenaria multipartita*.

Multipartitae: many + divisions.= *Habenaria* section.

multipartitum: see *multipartita*. ex Java, cf. *Kryptostoma multipartitum*. syn. *Habenaria multipartita*.

multipetalum: see *multi*-+ petals, or see *-petalo-*: broad, etc. cf. *Epidendrum multipetalum*.

multiradicatum: see *multi*-+ see *radicate*. cf. *Cymbidium multiradicatum*.

multi-ramified: with many branches, or much-branched.

multiramosa: as *multiramosum*. cf. *Ceraia multiramosa*. syn. *Dendrobium multiramosum*.

multiramosum: see *multi*-+ *ramose*: branched. cf. *Dendrobium multiramosum*.

multirostris: see *multi*-+ *beak*; beaked. cf. *Pleurothallis multirostris*. syn. *P. oblongifolia*.

multisecta: see *multi*-+ *secta*: way; mode, or more likely, ref. *sectilis*: cut; division. cf. *Holothrix multisecta*. syn. *H. scopularia*.

multistellare: see *multi*-+ of a star; starry (: of many stars ?). ex Peru, cf. *Odontoglossum multistellare*.

multistriatum: see *multi*-+ see *stria*, *striate*: streaked. cf. *Dendrobium multistriatum*.

multivaginatam: many, or much + see *vaginate*: sheathed, etc. cf. *Bulbophyllum multivaginatam*.

muluense: for place name: from Gunung (Mt.) Mulu N.Park, or ref. Gunong Mulu (for the mtn. itself, which is within the park), Sarawak, Borneo. cf. *Bulbophyllum muluense* J.J.Wood 1984. syn. *B. anguliferum*.

muluensis: as *muluense*. cf. *Coelogyne muluensis* J.J.Wood 1984.

Muluorchis: J.J.Wood 1984: Mulu + orchid, see *muluense*. eg. *Muluorchis ramosa*. syn. *Tropidia saprophytica*.

mulus: mule. Orig., was a common term for a cross (: hybrid, see *mule* + of interest, see *hinnus*). Listed as the result of *Odontoglossum luteopurpureum* x *O. gloriosum*. ex Colombia, cf. *Odontoglossum* x *mulus* Rchb.f.1870.

mumbwaensis: from Mumbwa, a town of central Zambia, Africa. cf. *Eulophia mumbwaensis* Summerh.1927.

munbyana: listed for botanist, Giles Munby (1812-1876). ex westn. Europe to Africa, cf. *Dactylorhiza munbyana* Boiss.& Reuter 1852. syn. *D. elata*.

mundula: as *mundulum*. cf. *Pleurothallis mundula*.

mundulum: ref. *mundus*: neat; clean; nice; elegant, etc.+ dimin. cf. *Bulbophyllum mundulum*. syn. *B. taeniophyllum*.

mundyanum: listed for noted grower, A.E.Mundy of Derby, Eng. ex Sth.America, cf. *Odontoglossum crispum* var. *mundyanum* Sander. Was listed as such from the book I was working on, but there isn't any official listing.

munificum: ref. *munificus*: liberal; bountiful; generous. cf. *Dendrobium munificum*.

munnacampensis: for place name (+ from), listed as ex Arunachal Pradesh state, nthn. India. cf. *Cheirostylis munnacampensis* Nag.Rao 1988.

munronianum: listed for noted grower, R.Munro (+ belonging to). ex Sikkim, India, cf. *Cymbidium munronianum* King & Pantl.1895.

muralis: of walls (ref. *murus*: wall). ex Ecuador, cf. *Trichoceros muralis*.

murbeckii: listed for botanist and author, Svante Samuel Murbeck (1859-1946). Descs. accr. to him are abbr. to: Murb. ex Algeria, Africa, cf. *Ophrys x murbeckii* Fleischm.1925. syn. *O. x battandieri* E.G.Camus 1908.

murdochiae: listed for Mrs.J.R.Murdoch, ex Vic., Aust. cf. *Thelymitra murdochiae* Nicholls 1934. syn. *T. aristata*. Noted as endemic to sthn. Aust.

murex: for the spiky sea snail, or the colour (? , see muricate). cf. *Masdevallia murex*.

murexoidea: murex: a spiky sea-snail + resembling. Or could be for the colour (?), see muricate. cf. *Pleurothallis murexoidea*.

murgiana: may be for a person's name, but could ref. to Murgi (+ belonging to), a town of Arkhangelsk, Russia. cf. *Orchis x semisaccata nothosubsp.murgiana* Medagli et al.

muricata: see muricate. Ref. the "spiky" ovary, and/or ref. the many purple-veins and spots of the flower. cf. *Dichaea muricata*.

muricate: ref. *murex*, *muricis*, *muricatus*. Like the murex: a type of spiky sea-snail. Mostly for a surface condition: rough and having short hard projecting points, likened to the shell. Can also be an oblique ref. to a colour, as in ancient times the molluscs were a source of an expensive, rich, violet-purple clothing dye that was highly coveted.

muricatoides : see muricate + resembling. Or, perhaps it was likened to *Dichaea muricata* (?). cf. *Dichaea muricatoides*.

muricatum: see muricate. Ref. the inflo. and floral segments having many warty papillae (: "spiky"). Or, could be for the mottled purple flower (?).cf. *Bulbophyllum muricatum*. Noted as endemic to Papua, Indon.

muricatus: see muricate. Ref. the spiky ovary and flower exterior. cf. *Podochilus muricatus*.

muricaudata: see muricate + tailed. cf. *Pleurothallis muricaudata*.

muriceum: ref. *murex*, *muricis* (see muricate) + suffix: for the feature. Ref. the spiky petals. cf. *Bulbophyllum muriceum*.

muriciferum: spikes (see muricate) + bearing. cf. *Grastidium muriciferum*. syn. *Dendrobium summerhayesianum*.

muriculata: see muriculate. Flower axis has many short, awl-like spikes. cf. *Microtatorchis muriculata*. + See next entry.

muriculata: did another entry as this is different to the previous *muriculata*. Ref. the exterior of the petals, the description says: *sparsim muriculatus*: sparsely (or, scattered; strewn) muriculate. cf. *Oberonia muriculata*.

muriculate: see muricate, with an added dimin.: spiky, with smaller points (usually: papillae).

muriculatum: as muriculate. cf. *Dendrochilum muriculatum*.

muriculatus: see muriculate. cf. *Sarcochilus muriculatus*. syn. *Pteroceras muriculatum*.

murillo: may be for the *Jardines de Murillo* (Gardens), Seville city, sthn. Spain, where it first flowered in cultivation (?). Or, ref. botanist, naturalist and author, Adolfo Murillo (1840-1899). cf. *Cypripedium x murillo* Desbois. Listed among the synonyms, without date, location, or "correct name".

murinum: see *murinus*. cf. *Cyrtochilum murinum*.

murinus: is not to do with a murex. Ref. *mus* + see *-ina*. Listed as a vague colour term: mouse coloured, as a grey with a faint reddish tinge.

murkelense: for place name (+ from), listed as ex Ceram (aka. Seram, Seran) Island, Moluccas (Maluku) Indon. cf. *Bulbophyllum murkelense* J.J.Sm.1928.

murkelensis: as *murkelense*. cf. *Eria murkelensis* J.J.Sm.1928.

murrayana: as *murrayanum*. ex Brazil, cf. *Neogardneria murrayana* (Gardner ex Hook.) Schltr.ex Garay 1973.

murrayanum: belonging to Murray. Noted, the orig.coll., George Gardner requested the specep. for noted botanist, naturalist and author, Johan Andreas Murray (1740-1791). ex Brazil, cf. *Zygopetalum murrayanum* Gardner ex Hook. syn. *Neogardneria murrayana*.

murrellianum: listed for H.Murrell (+ belonging to), valued employee of noted grower, Mr.Burnley Hume, of Norfolk, Eng., first to flower it. ex Colombia, cf. *Odontoglossum* x *murrellianum* Rchb.f.1875.

murricatum: ref. *murrha*: a kind of fine clay, used in the making of china products + suffix: an oblique ref. to a colour (?). Or, could be a typ.error for *muricatum* (see muricate). cf. *Dissorhynchium murricatum*.

murudense: listed for place name: from Mt.Murud, Sarawak, Borneo. cf. *Dendrochilum murudense* (J.J.Wood) J.J.Wood 2001.

musaicus: of the Muses (? could be for “beauty”, see Muses + see *-ica*). Also ref. *Musa*: a genus of the banana family, *Musaceae*. Perhaps alluding to a flower (?). ex Colombia, cf. *Telipogon musaicus* Rchb.f.1877.

musc-, etc.: used in combwds. Can be very confusing, as it could ref. to many words, eg. *muscus*: musk (as the odour); *muscus*: moss; *muscosus*: mossy, moss-like, full of, or covered with moss; *musca*: a fly; *musculus*: a mouse, or muscle, etc.! You wouldn’t believe the amount of time I spent on listings, starting with *musc-*, trying to be certain. When I’m not sure, I can only say, “see *musc-*”.

muscaria: ref. *musca*: a fly + suffix: relative to. A fanciful allusion to the flower shape. cf. *Ophrys muscaria*. syn. *O. insectifera*.

muscarirubrum: ref. *muscarius*: of flies + see *rubrum*: reddish. Probably for the spots, alluded to resemble flies. cf. *Bulbophyllum muscarirubrum*.

muscicola: see *musc-*+ dweller; resident. From the discussion of habitat, it is definitely: moss-dweller and noted it can even look like a terrestrial, growing on ground-moss. cf. *Bulbophyllum muscicola*. syn. *B. equivestigium*. Of interest, see moss.

muscicolum: moss dweller. cf. *Angraecum muscicolum*.

muscicolus: moss dweller. cf. *Corybas muscicolus*. Noted as endemic to Sulawesi, Borneo.

muscid: resembling, or belonging to a group of insects, inc. the common house-fly.

Noted this from discussions of some *Ophrys* species, eg. “... the muscid flower.” (: fly-like).

muscifera: fly + bearing (+ see the “correct name”). Some refs. say: musk + bearing, but by the discussion it alludes to the muscid (fly-like) shape of a flower.+ See *muscaria*. cf. *Ophrys muscifera*. syn. *O. insectifera*.

musciferum: see *musc*-+ bearing. Some refs. say: musk + bearing. In the discussion and description, there's no mention of a perfume (with which, I agree) and refs. to the bristly pedicel, ovary and (exterior) bases of the sepals, as an allusion to some mosses. cf. *Dendrobium musciferum*. syn. *D. macrophyllum*. Pers.coll., ex PM.PNG. Only ever found it the once (although I may have passed it many times, thinking it to be *D. bifalce*, which was extremely common). In those days I didn't lose many plants, but this one simply refused to grow, maybe it didn't like my TLC., or being at sea-level? It flowered in desperation, then only lasted a few more months.

musciflora: fly + flower. cf. *Ophrys musciflora*. syn. *O. insectifera*.

musciformis: see *musc*-+ form; shape. cf. *Microtatorchis musciformis*.

muscohaerens: moss + clinging; adhering. cf. *Bulbophyllum muscohaerens*.

muscoidea: see *musc*-+ resembling. cf. *Pleurothallis muscoidea*.

muscoides: moss + resembling. cf. *Pachyphyllum muscoides*. syn. *P. hispidulum*.

muscosa: ref. *muscosus*: mossy. Ref. hair on the peduncle, alluded to resemble moss. cf.

Masdevallia muscosa. syn. *Porroglossum muscosum*.

muscosum: see *muscosus*. cf. *Porroglossum muscosum*.

muscosus: mossy; moss-like; full of (or, covered with) moss. cf. *Podochilus muscosus*.

muscula: ref. *musculus*, can be for either: mouse, or muscle (?). cf. *Lepanthes muscula*.

musculiferum: see *muscula* + bearing. I'd say mouse (for a flower), with the spur as the tail. cf. *Angraecum musculiferum*.

Muses: for cross-reference, as they are listed throughout the text. In Gk.myth.: the Muses were the nine very beautiful daughters of Zeus (king of the gods) and Mnemosyne (goddess of memory). It was believed each had responsibility for one of the liberal arts: Calliope (epic poetry), Clio (history), Euterpe (lyric poetry, usually accompanied by a flute), Melpomene (tragedy), Terpsichore (popular song and dance), Erato (love poetry, usually accompanied by a lyre), Polyhymnia (sacred hymns, chants and poetry), Urania (astronomy) and Thalia (comedy). Most often, the use of their names is only an inference, ref. to a plant and/or flowers, as being "beautiful".

musozensis: for place name (+ from), only listed as ex Zaire to Uganda. Noted some villages called Musozia, but from further south. cf. *Polystachya albescens* ssp.*musozensis* (Rendle) Summerh.1958.

mussauense: from Mussau Island of the Bismarck Archipelago, n.east of New Guinea. cf. *Dendrobium mussauense* Ormerod 1997.

mustard: have had to ref. to these plants a few times. Ref. the mustard family, *Brassicaceae* (formerly, *Cruciferae*), of climbers, shrubs; root vegetables and herbs. Trivium: other important food members of the family inc., cabbage, cauliflower, broccoli, brussels sprouts, kohlrabi, turnip, radish, cress, etc.

mutabile: ref. *mutabilis*: ability to change; variable. cf. *Bulbophyllum mutabile*.

mutabilis: changeable; variable, cf. *Diphyes mutabilis*. syn. *Bulbophyllum mutabile*.

mutata: changed (because it's a cross). cf. x *Orchiserapias mutata* E.G.Camus.

mutation: a sudden departure from the parent types due to a change in a gene, or chromosome. An individual resulting from such a deviation: a mutant.

mutatum: ref. *mutatus*: changed. cf. *Bulbophyllum mutatum*. Pers.coll. (first) ex Sirinumu, PM.PNG., March '70 and then not uncommon. For want of a "correct name", we dubbed it "the button Bulbo." as it had a curious habit. When the pseudobulbs are young with their leaf, they are smooth and conical, but as they age and drop the leaf, they then wrinkle and flatten out as if deflated! Took a small piece purely for its novelty, the flowers being unimpressive, but they are delightful under a good magnifying glass.

mutatus: see *mutatum*. cf. *Hapalochilus mutatus*. syn. *Bulbophyllum mutatum*.

muteliae: listed for botanist and naturalist Ms.R.Mutel. ex Europe, the Mediterranean to the Caucasus, cf. *Ophrys apifera* var.*muteliae* Mutel 1835. syn. *O. apifera*.

mutica: ref. *muticus*: shortened; blunt. Ref. the floral segments. cf. *Pterostylis mutica*. Noted as endemic to eastn. and sthn. Aust.

muticum: shortened; blunt. cf. *Cleisostoma muticum*.

muticus: shortened; blunt. cf. *Sarcanthus muticus*. syn. *Cleisostoma muticum*.

mutisii: for botanist, naturalist and author, José Celestino Mutis (1732-1808). [+ See *Telopogon*.] ex Colombia, cf. *Epidendrum mutisii* Hágsater 1999.

muyuyacensis: for place name (+ from), only listed as ex Ecuador. cf. *Dichaea muyuyacensis* Dodson 1993.

mweruensis: for place name: from Lake Mweru, of the Congo River system, bordered by Zambia and Zaire. Noted, *mweru* is ex the Bantu language: lake (of interest, also see *bangweolensis*). cf. *Eulophia mweruensis* P.J.Cribb 1977. syn. *E. caricifolia*.

myanthium: fly + flower + dimin., or characteristic (same as *Myanthus*, for the spots). cf. *Odontoglossum myanthium*.

Myanthium: as *myanthium*. = *Odontoglossum* section.

myanthum: fly + flower (for the spots, likened to flies?). cf. *Cyrtorchilum myanthum*.

Myanthus: Lindley 1832: ref. *mya*, *myia*: fly + flower. Noted, the spots were likened to a lot of flies on the flower. Also this was the genus which bears the hermaphrodite flowers of *Catasetum*. syn. *Catasetum* Rich.ex Kunth.

myc-, etc.: used in compwds., ref. *mykes*: mushroom (: fungus). Mostly: of, or relative to fungi. + See mycorrhiza, etc.

Mycaranthes: Blume 1825: see *myc*-+ see *are*-+ flower(s). The flowers could appear to be affected with a fungus, by the wool-like hair. syn. *Eria* Lindl.

mycorrhiza: of fungi + roots. The symbiotic relationship between a plant and a fungus; the reliance between the two, as they literally feed each other. Many orchids grow out of this as they mature, whilst others remain partially, or totally reliant. I often found terrestrials with fungi infecting the roots and of course, I knew that fungus was a dreadful monster that had to be destroyed! In my ignorance, I wonder how many lovely little species I murdered, trying to make their roots squeaky clean with fungicide. In Darwin, *Denrobium affine* seemed to prefer growing on trees having a greenish-grey, blotchy fungus (or, a lichen?) all over them. *D. affine* grows well in pots, or on slabs and maybe in the bush this fungus

(?) only supplements their water supply, by absorbing overnight dew which they also utilize. Once, I experimented with one of the trees: on a lower branch, almost covered with this fungus (?), I wet it thoroughly (with water from a nearby creek), took a capsule of *D. affine*, that was just beginning to split (see dehiscent) and dusted the branch with the seeds and promptly forgot about it. About 18 months later I was in the near vicinity and remembered, so I went for a look and there were heaps of young plants. Coincidence, or did the fungus stimulate growth (?), naturally, I was rapt. + See mycotrophic, saprophyte, symbiosis, ectotrophic mycorrhiza.

mycotrophic (also, mycotropic, + ref. micotrophy): loosely trans.: feeding on fungi.

Many refs. say it's just another word for saprophytic, but my sources say they are very different and that being mycotrophic: not fully reliant on fungi. + Ref. an opposite: autotrophic. + See mycorrhiza, saprophyte, symbiosis, ectotrophic mycorrhiza, hemimycotrophic.

myiophora: ref. *myia*: fly + bearing. cf. *Lepanthes myiophora*.

Myoda: Lindley 1830: ref. *mya*, *myia*: a fly + resembling, or could be, ref. *myos*: mouse + resembling (? for the colour, *rufescens*). eg. *Myoda rufescens*. syn. *Ludisia discolor*.

myodes: see *Myoda*, but this one has to be for a fly, as see the "correct name". cf. *Epipactis myodes*. syn. *Ophrys insectifera* (: insect + bearing).

Myodium: Salisb.1812: ref. *mya* + like + dimin.: like a small fly. syn. *Ophrys* L. Because *Ophrys* species are renowned for their flowers being likened to a fly, bee, etc.

myolaense: for place name: from Myola, a small town of the Owen Stanley Range, n.east of PM.PNG. cf. *Bulbophyllum myolaense* Garay.Hamer & Siegerist 1995.

myophily: technical term, for when flowers are pollinated by flies.

myosorum: mouse + of, belonging to. Ref. the raceme, likened to a mouse's tail. cf.

Epidendrum myosorum. syn. *Oberonia myosurus* (: mouse + tail).

myosorus: as *myosorum*. cf. *Malaxis myosorus*. syn. *Oberonia myosurus* (: mouse + tail).

myosotis: mouse + eared. Ref. the lateral sepals (from a line drawing, this spec. is perfect!). cf. *Crepidium myosotis*.

myosurus: mouse + tail. Ref. the raceme, likened to a mouse's tail. cf. *Oberonia myosurus*.

Myoxanthus: Poepp.& Endl.1836. I first thought, *myox*-+*-anthus*: dormouse + flower, but am certain it's: *myo*-+*-xanthus*: a yellowy-brown fly (see the spec. for the example). ex Colombia, eg. *Myoxanthus melittanthus* (ref. *melitta*: a bee + flower).

myoxanthus: see *Myoxanthus*. cf. *Pleurothallis myoxanthus*. syn. *Myoxanthus monophyllus*.

myoxophora: ref. *myoxos*: dormouse + bearing. cf. *Pleurothallis myoxophora*.

myoxura: mouse, or dormouse (?) + tail. cf. *Platystele myoxura*.

myriantha: ref. *myrias*: numberless; countless (same as in Eng.: a myriad), + flowers. cf.

Phreatia myriantha.

myrianthum: as *myriantha*. cf. *Epidendrum verrucosum* var. *myrianthum*.

myriostigma: ref. *myrias*: countless + *stigma*: tattoo mark; small spot; dot: (having) a myriad of small spots; dots. cf. *Masdevallia myriostigma*. syn. *M. floribunda*.

myriotricha: countless + hair(s). cf. *Habenaria myriotricha*. syn. *H. medusa*.

Myristicaria: ref. *myristica*: nutmeg + see -are: like, etc. Ref. the pseudobulbs.= *Eria* section. syn. *Eria* section *Hymenaria* (?).

myristiciformis (+ have noted, *myristicaeformis*): nutmeg + shape. Ref. the pseudobulbs. cf. *Eria myristiciformis*.

Myrmechis: Blume 1859: ref. *myrmekos*: ant. Listed as alluding to the small flowers. ex Java, eg. *Myrmechis glabra*.

myrmecochilum: ref. *myrmekos*: ant + lip. cf. *Bulbophyllum myrmecochilum*.

x *Myrmecolaelia*: Hamer. On the syn. list, cf. *Laelia* x *Myrmecophila*.

Myrmecophila: Rolfe 1917: ref. *myrmekos* + -*phila*: loves ants. Noted it "loves ants" because the large stems are hollow and usually home to ant colonies (particularly nasty, biting and stinging ones). + See *tibicinis*, another novel usage for the stems (after evicting the ants). ex Mexico to Venezuela, eg. *Myrmecophila tibicinis*.

myrmecophila: loves ants. ex Brazil, cf. *Pleurothallis myrmecophila*. Trivium: in PM.PNG., we dubbed a large pendent *Bulbophyllum* "the ant's nest", as wherever we found it, it was always smothered in small black ants, along with the heaps of little bits of rubbish they would bring to cover their work areas. Have since learned the plant exudes a waxy substance which the ants "harvest".

myrmecophorum: ants + bearing. cf. *Epidendrum myrmecophorum*.

Myrobroma: Salisb.1807: ref. *myron*: a perfumed unguent + *broma*: food. Ref. the delicious fragrance of the capsules. eg. *Myrobroma fragrans*. syn. *Vanilla planifolia*.'

Myrosmodes: Rchb.f.1854: ref. *myron*: a perfumed unguent + *osme*: smell + resembling. Has a very fragrant perfume. ex Ecuador, eg. *Myrosmodes filamentosum*.

myrticola: ref. *myrtus*: myrtle (: a shrub, or small tree), as the host, or for the colour? (see *myrtillinus*) + suffix: resident; dweller, cf. *Ornithocephalus myrticola*.

myrtillinus: listed as a vague colour term: a bluish-black. One ref. says: bilberry blue, which I'd never heard of, so looked it up.: A shrub of the heath family (: *Ericaceae*) with edible berries, similar to a whortleberry (again?), or blueberry (OK., I know this one).

myrtillus: ref. *myrtus*: myrtle (shrub, or tree) + suffix: small. For the flowers, or its branched habit (?). cf. *Bulbophyllum myrtillus*.

myrtophilum: ref. *myrtus*: myrtle (shrub, or tree, of the family: *Myrtaceae*) + -*philum*: loves. Noted it seems to prefer a myrtle as the host. cf. *Phymatidium myrtophilum* Barb.Rodr. syn. *P. delicatulum*.

mysorensis: for place name: from Mysore city, Karnataka state, s.west India. cf. *Bulbophyllum mysorensis* (Rolfe) J.J.Sm.1912.

mysorensis: as *mysorensis*. cf. *Eria mysorensis* Lindley 1859.

mysorus: maybe a typ.error?, see *myosurus*. cf. *Dendrobium mysorus*. syn. *Oberonia myosurus*.

mystacidoides: moustache-like + resembling, or more likely, resembling *Mystacidium*. cf. *Aerangis mystacidoides*.

Mystacidium: Lindley 1836: ref. *mystax*: moustache + like + dimin. Listed as ref. the rostellum. ex Tanzania, Africa, eg. *Mystacidium pulchellum*.

mystacidium: moustache + like + dimin..cf. *Angraecum mystacidium*.

mystacina: moustache + like. cf. *Kefersteinia mystacina*.

mystacinum: as *mystacina*. cf. *Cyrtorchilum mystacinum*. syn. *C. aureum*.

mystacinus: as *mystacina*. cf. *Physurus mystacinus*. syn. *Erythrodes mystacina*.

mystacioides: moustache + resembling. cf. *Listrostachys mystacioides*. syn. *Diaphananthe bidens*.

Mystacorchis: Szlach.& Marg.2001: moustache + orchid. eg. *Mystacorchis mystax*. syn. *Pleurothallis mystax*.

mystax: moustache. cf. *Pleurothallis mystax*.

mystica: mystic; strange, etc. ref. *Masdevallia mystica*.

mystrochilum: could be ex *mysterion*: mystery, but is more likely, ex *mystax*: moustache, as the lip has ciliate margins, + *-chilum*: lip. cf. *Bulbophyllum mystrochilum*.

mystroglossum: as *mystrochilum* (+*-glossum*: tongue). cf. *Dendrobium mystroglossum*.

mystrophyllum: moustache + leaf. cf. *Bulbophyllum mystrophyllum*.

myurus: ref. *mys*: a mouse + ref. *-ura*: tail. Alluding to the raceme. cf. *Malaxis myurus*.

mzuzuensis: from Mzuzu city, eastn. Malawi, Africa. cf. *Polystachya mzuzuensis* P.J.Cribb & la Croix 1991.

Nabaluia: Ames 1920. Noted the name is taken from Kinabalu (with the Ki- dropped + of), as it is from Mt.Kinabalu, Borneo. eg. *Nabaluia clemensii*.

nabawanense: from Nabawan (village), s.west Sabah, Borneo. cf. *Bulbophyllum nabawanense* J.J.Wood & A.L.Lamb 1994.

nabawanensis: as *nabawanense*. cf. *Distichorchis nabawanensis* (J.J.Wood & A.L.Lamb) M.A.Clem.2003. syn. *Dendrobium nabawanense*.

naevatum: ref. *naevus*: birth-mark + suffix: like; having. For the flower's red blotches. cf. *Pomatocalpa naevatum*.

naevium: birth-mark + like, or dimin. Ref. the red blotches. cf. *Odontoglossum naevium*.

naevosa: with, or like birth-marks. Is probably for the purplish-red rings around the internodes of the pseudobulbs. cf. *Barkeria naevosa*.

naevosum: see *naevosa*. cf. *Epidendrum naevosum*. syn. *Barkeria naevosa*.

nagarensis: for place name (+ from), listed as ex the Molucca (Maluku) islands, Indon. Was *Vandopsis warocqueana* (Rolfe) Schltr., now: *Sarcanthopsis nagarensis* (Rchb.f.) Garay 1972. Pers.coll., ex PM.PNG., see *warocqueana*,+ sketch and notes at "W".

nageliana: belonging to Nägeli, see *Nageliella*. ex Mexico, cf. *Trichosalpinx nageliana* Soto Arenas 1987. syn. *T. memor*.

Nageliella: L.O.Williams 1940. Listed for orig .coll., botanist Otto Nägeli (?-1871),+*-ella*: respectful suffix. Descs. accr. to him are abbr. to: O.Naeg. ex Mexico, eg. *Nageliella purpurea*.

nagelii: of Nägeli, see *Nageliella*. ex Mexico, etc., cf. *Maxillaria nagelii* L.O.Williams 1948.

nagifolium: ref. *nagma*: heaped; piled (up) + leaves. cf. *Cymbidium nagifolium*. syn. *C. lancifolium* var.*lancifolium*.

naiguatae: for place name (+ of), ref. Pico Naiguatá (mtn. peak), of Miranda state, Venezuela. Or may be for the coastal village of Naiguatá (a little further north of the peak), of Vargas, Venezuela. cf. *Cyrtopodium naiguatae* Schltr.1919. syn. *C. paniculatum*.

naja: reported to be a local name for the plant, noted as ex Gunung Kemoel (aka. Mt.Kemul), Borneo. cf. *Coelogyne naja* J.J.Sm.1931.

nakaharai: listed for orig.coll., Y.Nakahara (+ of). Noted as endemic to Taiwan. cf. *Dendrobium nakaharai* Schltr.1906.

nakaharaei: as *nakaharai*. ex Taiwan, cf. *Epigeneium nakaharaei* (Schltr.) Summerh.1956.

nakaiana: as *nakaianum*. cf. *Kuhlhasseltia nakaiana* (F.Maek.) Ormerod 2002.

nakaianum: belonging to Nakai. For botanist and author, Takenoshin Nakai (1882-1952). ex Japan, cf. *Vexillabium nakaianum* F.Maek.1935. syn. *Kuhlhasseltia nakaiana* (F.Maek.) Ormerod.

nalaense: from Nala (village), central Tanzania, Africa. cf. *Angraecum nalaense* De Wild.1916. syn. *Tridactyle nalaensis*.

nalaensis: as *nalaense*. cf. *Tridactyle nalaensis* (De Wild.) Schltr.1918.

nalbesiensis: for place name: from Nal Besi (village), Buru Island, Maluku group, Indon. cf. *Ceratostylis nalbesiensis* J.J.Sm.1928.

nalderiana: refs. to noted grower E.Nalder (+ belonging to). ex Brazil, cf. *Cattleya nalderiana* Rchb.f.1885. syn. *C. labiata*.

namaquensis: for place name (+ from), listed as ex Cape Prov., South Africa. Also noted a region, **Namaqualand**, of westn. Northern Cape Prov., overlapping into Namibia which is famous for its wildflowers. Reminiscent to the regions and similar circumstances, of Western Australia. cf. *Disperis namaquensis*. Bolus 1884. syn. *Disperis purpurata*.

naming: see correct name, specific name, cultivar name, varietal name. When naming, the rules of the International Code of Botanical Nomenclature (ICBN.) must be complied with. + Ref. "The Handbook On Orchid Nomenclature & Registration".

namoronae: for place name: from Namorona, a town of s.east Madagascar. cf. *Bulbophyllum namoronae* Bosser 1971.

nan-, *nann-*, *nano-*, *nanno-*: used in compwds., ref. *nanos*, *nanus*: dwarf. + Can be many other diminutives, as: short; low; pygmy; little; small, etc.

Nana: dwarf.= *Angraecum* section.

nana: dwarf. cf. *Caladenia nana*. Noted as endemic to s.west Aust.

nanarauticolum: *nan-*: dwarf, but have no ref. for *arauti-*, could be a misunderstanding (?). See *araucaricola*, which with *nan-*: dwarf hoop-pine + dweller (?). cf. *Dendrobium nanarauticolum*. syn. *D. delicatulum*.

nanayanum: for place name: belonging to Nanay. This species is listed as ex Peru and noted a few places of this name from Loreto Department, inc. Santa Maria de Nanay. cf. *Catasetum nanayanum* Dodson & D.E.Benn.

nanchuanensis: from Longhua (aka. **Nanchuan**) city, Chongqing Prov., central China. cf. *Gastrochilus nanchuanensis* Z.H.Tsi 1996.

nanchuanica: as *nanchuanensis* (+ different suffix: belonging to). cf. *Listera nanchuanica* S.C.Chen 1981.

nandadeviensis: from Nanda Devi, mtn. peak within Nanda Devi N.Park, Uttaranchal, nthn. central India. cf. *Listera nandadeviensis* Hajra 1985.

nanegalense: as *nanegalensis*. cf. *Epidendrum nanegalense* Hágsater & Dodson 2001.

nanegalensis: from Nanegal (village), Pichincha Prov., Ecuador. cf. *Crossoglossa nanegalensis* Dodson 1993.

nanella: see *nan-*+ dimin. cf. *Pleurothallis nanella*.

nanongense: from Nangong city of Hebei Prov., China. cf. *Cleisostoma nanongense* Z.H.Tsi 1989.

nanhutashannensis: from Nanhuta Shan (mtn. peak), n.east Taiwan. cf. *Orchis nanhutashannensis* S.S.Ying 1990. syn. *Ponerorchis kiraishiensis*.

nanifolia: see *nan-*: dwarf; short, etc. + leaf. cf. *Pleurothallis nanifolia*.

nankeen yellow: was in an older discussion and I had no idea (except, I did know of a Nankeen Kestrel, a kind of hawk). Eventually found it: a pale buff colour (and if you really want to know, the hawk is also, mostly, this colour).

nankoensis: for place name (+ from), only listed as ex central Taiwan (+ see *nankomontana*). cf. *Goodyera nankoensis* Fukuy.1934.

nankomontana: obviously for a mountain + belonging to (see *nankoensis*). cf. *Listera nankomontana* Fukuy.1935.

nankunensis: for place name (+ from), listed as ex Guangdong Prov., China. cf. *Calanthe nankunensis* Z.H.Tsi 1981.

nanlingensis: for place name: from Nanling (village), Guangdong Prov., s.east China. cf. *Odontochilus nanlingensis* (L.P.Siu & K.Y.Lang) Ormerod 2003.

nannodes: dwarf + resembling. cf. *Bulbophyllum nannodes*.

nanobulbon: dwarf + bulb. cf. *Bulbophyllum nanobulbon*. syn. *B. ruficaudatum*.

nanocompactum: see *nan-*+ ref. *compactus*: closely packed; condensed. cf. *Dendrobium nanocompactum*.

Nanodes: Lindley 1832: dwarf + resembling. ex Costa Rica. eg. *Nanodes congesta*.

nanopetalum: see *nan-*+ petals. cf. *Bulbophyllum nanopetalum*.

nanopsis: see *nan-*+ appearance. cf. *Epidendrum nanopsis*.

nanosimplex: see *nan-*+ *simplex*, see *simple*. cf. *Epidendrum nanosimplex*.

nantoense: listed for place name: from Nanto, a town of Mie-ken Prefecture, Honshu, Japan. cf. *Peramium nantoense* (Hayata) Makino 1929. syn. *Goodyera repens*.

nanulum: dwarf; small, etc.+ dimin.(: very small?). cf. *Cymbidium nanulum*.

nanum: ex *nanus*, see *nan-*: dwarf, etc. cf. *Trichocentrum nanum*.

nanus: as *nanum*. cf. *Phaius nanus*.

napiform: this had me diving into the dictionary!, I had never heard of it. Adapted from *napus*: a turnip + shape; form. Was in a discussion and ref. to a pseudobulb. + See *rapiforme*.

napintzae: for place name (of Napintza?), listed as ex Zamora Chinchipe Prov., Ecuador. cf. *Platystele napintzae* Luer & Hirtz 1992.

napoense: for place name: from the province of Napo, Ecuador, or for the Napo River which originates in the central Andes, Ecuador, then runs n.east. into Loreto Department, Peru. cf. *Catasetum napoense* Dodson 1978.

napoensis: as *napoense*. cf. *Gongora napoensis* Jenny 1983. syn. *G. aceras*.

narajitii: cf. *Kalimpongia narajitii* U.C.Pradhan. Noted that the orig. coll., R.K.Mohendrajit Singh requested the specep. for his brother, R.K.Marajit Singh. There wasn't any explanation to the specep. as to why the "n" (*narajitii*), instead of an "m" (Marajit). See "Indian Orchids" Udai C.Pradhan 1976 & 1979.

naraniensis: for place name (+ from), only listed as ex Costa Rica to Peru. cf. *Pleurothallis naraniensis* Rchb.f.1866. syn. *P. pulchella*.

naranjapatae: of Naranjapata (village), eastn. Chimborazo Prov., Ecuador. cf. *Masdevallia naranjapatae* Luer 1978.

naranjapatensis: as *naranjapatae* (+ from). cf. *Encyclia naranjapatensis* Dodson 1977.

naranjense: from Naranjo, a coastal town of Puntarenas Prov., Costa Rica. cf. *Oncidium naranjense* Schltr.1923. syn. *O. stenobulbon*.

narcissiflora: ref. *Narcissus* + flower, or could be: "beautiful flower" (? + see *narcissus*). May have some superficial likeness to the genus *Narcissus* of the amaryllis family, *Amaryllidaceae*, being popular in home gardens and for pot-plants. cf. *Habenaria narcissiflora*. syn. *H. stylites* ssp. *johnsonii* (Rolfe) Summerh.1964.

narcissus: should be for "beauty". Ref. Gk.myth., Narcissus: an extremely handsome youth who turned away many beautiful young lady suitors. He also spurned the

love of Echo (see *echo*) and the goddess, Nemesis, made him fall in love with himself. Captivated by his own image, he stayed, gazing at himself in a pool until he died. Then at that place, a beautiful flower grew and it was named for Narcissus. + See *narcissiflora*. ex Ecuador, cf. *Lepanthes narcissus* Luer & Hirtz 1996.

nardoides: nard + resembling. Ref. *nardus*: orig., an expensive sweet smelling oil, or unguent. cf. *Dendrobium nardoides*.

Narica: Raf.: ref. *naris* + suffix: of a (or, the) nostril (?). syn. *Sarcoglottis* C.Presl.

naris: lit., nostril (of the nose). cf. *Dactylorhiza x naris* W.Rossi & Mazolla. syn. *D. x serbica*.

narthecioides: ref. *narthecium*: orig. a small box, used especially for holding unguents, creams and/or medicines. Or, can ref. to *narthex*: a plant (an umbellifer of the parsley family: *Umbelliferae*)+-oides: resembling. Probably the latter. cf. *Cyrtochilum narthecioides*. syn. *Cyrtochilum ixiioides*.

nasalis: ref. *nasus*: nose + see -ale: of, etc. cf. *Maxillaria nasalis*. syn. *M. nasuta*.

nascent: ref. *nascens*: beginning; arising from.

x *Nashara*: auct.: of Nash. May not be for him, but my only ref. is to phytologist and author, George Valentine Nash (1864-1921). On the syn. list, the result of *Broughtonia x Cattleyopsis x Diacrium*.

nasica: ref. *nasus*: nose + suffix, see -ica. Ref. the elongate labellum (to me, it looks more like a proboscis than a nose). cf. *Bulbophyllum nasica*. Pers.coll., fairly common ex PM.PNG.

nasilabium: nose + lip. cf. *Bulbophyllum nasilabium*.

nasiterna: lit., a pot with a large spout. cf. *Pleurothallis nasiterna*.

naso: ref. *nasus*: nose. Could be for the labellum mid-lobe. cf. *Catasetum naso*.

Nasonia: Lindley 1844: listed as ex *nasion*: (smaller) nose. Alluding to the anther, likened to a nose. syn. *Fernandezia* Ruiz & Pav.

nasonioides: like a small nose, or like *Nasonia* (?). cf. *Adenoncos nasonioides*.

nastes: descwd.: resident; inhabitant; dweller; native.

-*nastes*: used in combwds., ref. *nastus*: born; origin; habitat. + See *nastes*.

nasturtium red: this entry for cross-reference. A common term for a colour, see *tropaeolinus*.

nasughuana: for place name (+ belonging to), listed as ex Nanshei-shoto (: Ryukyu Islands group), Japan. cf. *Vanda nasughuana* Parsons 1931. syn. *V. lamellata*.

nasuta: ref. *nasutus*: large-nosed. cf. *Maxillaria nasuta*.

nasutum: as *nasuta*. cf. *Bulbophyllum nasutum*. syn. *Trias nasuta*.

natalense: as *natalensis*. cf. *Herminium natalense* Rchb.f.1881. syn. *Habenaria petitiana*.

natalensis: for place name: from Natal, east coast sthn. Africa. cf. *Calanthe natalensis* (Rchb.f.) Rchb.f.1856. syn. *Calanthe sylvatica*. Of interest, this one is also listed as being from Borneo, Java, etc.

natalieae: of Natalie. Obviously for a lady's given name (+ of), but haven't any further info. Noted as ex Venezuela, cf. *Campylocentrum natalieae* Carnevali & I.Ramirez 1997. Of interest, the reported etym. is ex *natalis*: of, or to do with birth.

natalis: of, or to do with birth. cf. *Orchis natalis*. syn. *Dactylorhiza romana*.
natcross: (my abbreviation) see natural cross.
nathanielis: listed for the given name of Nathaniel Wallich, info. see *wallichiana*. cf.
Dendrobium nathanielis Rchb.f.1857.
nativitatis: ref. *nativus* + suffix, an emphasis. Freely trans.: definitely a native. cf.
Flickingeria nativitatis.
natolica: listed as: belonging to *Natolia* (an ancient name: now: Turkey). cf. *Orchis natolica*
Fisch.& C.A.Mey. syn. *Dactylorhiza iberica*.
natural cross: my abbreviation: *natcross*. Cross-pollination occurring through natural
causes and not artificial. + See cross.
naturalise: to give an alien the status of a native (species). eg. *Epidendrum x obrienianum*.
Some major refs. say this one has been “naturalised”, but it isn’t on the official
species list (?). See *obrienianum*, crucifix orchid.
naucrates: ref. *naus*: ship; vessel + ref. *krateo*: rule; govern, etc., + ref. *naukrates*: master;
pilot; ship’s captain (?). cf. *Epidendrum naucrates*. syn. *E. ferrugineum*.
Nauenia : Klotzsch 1853. Listed for F.Nauen (+ of), first to flower it. syn. *Lacaena*.
nauosaensis: from **Náousa** city of Imathia, Central Macedonia, nthn. Greece. cf. *Epipactis*
nauosaensis Robatsch 1989. Noted as rare and possibly endemic.
nautiloides: see *nautilus* + resembling. Ref. a flower, probably for a nautilus (: a unique
shellfish), for the tails and projections, alluding to them as “tentacles”. cf.
Habenaria nautiloides H.Perrier 1951.
nautilus: ref. *nautilus*, lit.: a sailor. Don’t know if this is relevant, ref. the chambered
nautilus: a free-swimming type of sea mollusc, having a rounded, spiralling shell
and many tentacles. cf. *Lepanthes nautilus* Luer & Escobar 1984.
navarrense: from Navarro (village), Cartago Province, Costa Rica. cf. *Stenrrhynchos*
navarrense Ames 1925. syn. *Coccineorchis navarrensis*.
navarrensis: as *navarrense*. cf. *Coccineorchis navarrensis* (Ames) Garay 1982.
Navenia: Klotzsch ex Benth. & Hook.f.1883, see *Nauenia*. syn. *Lacaena*.
navicula: small ship; boat. Alluding to the joined sepals (?). cf. *Dendrobium navicula*.
naviculare: as *navicularis*. cf. *Epigeneium naviculare*.
navicularis: small ship; boat + suffix: like, etc. cf. *Masdevallia navicularis*.
naviculigera: small ship; boat + bearing. cf. *Stelis naviculigera*.
naviculisepala: small ship; boat + sepal. Refs. to the median sepal. cf. *Calcearia*
naviculisepala. syn. *Corybas naviculisepalus*.
naviculisepalus: as *naviculisepala*. cf. *Corybas naviculisepalus*.
navigioliferum: ref. *navigo* + dimin.+ see *fer*: like a small sail + bearing. My interpretation,
as it is monanthous, it alludes to the scape (as the mast) + a flower (as a small
sail). cf. *Bulbophyllum navigioliferum*. syn. *B. antennatum*.
navilinguis: ref. *navis*: ship; boat + tongue. cf. *Pleurothallis navilinguis*.
naxensis: from Naxos, see *naxia*. cf. *Ophrys naxensis* Rech.1929. syn. *O. reinholdii*.
naxia: Is listed as ref. Naxos. Could be for the place name: of Naxos Island of the
Cyclades (Greece). But, also ref. *naxium*: a special stone for polishing marble; a

Naxion whetstone, much prized by workers of marble. cf. *Ophrys cretica* ssp. *naxia* E.Nelson. syn. *Ophrys karpathensis*.

nayarii: of Nayar. For phytologist and author, Madhavan Parameswaran Nayar (b1932). ex India, cf. *Oberonia nayarii* R.Ansari & R.Balakr.1990.

NB.: abbr. for Lat. phrase: *nota bene*: note well; mark well; pay attention (to).

ndiana: belonging to Ndia. Only listed as ex east trop. Africa and one that fits is Ndia (village), a little east of the Southern National Park., Sudan (?). cf. *Habenaria ndiana* Rendle 1895.

né: see *née*, this is the same except it's masculine.

neblinense: for place name: from Pico da **Neblina** (mtn.), Sierra de Curupira, Venezuela. cf. *Brachionidium neblinense* Carnevali & I.Ramirez 1986.

nebularum: ref. *nebula*: cloud + of. Should be for its habitat, lives at very high altitudes. cf. *Dendrobium smithianum* var.*nebularum*. syn. *D. smithianum*.

nebuligena: cloud + born; kind. For its habitat: mist forest. cf. *Liparis nebuligena*.

nebulina: misty; cloudy (+ see *nebulosus*). cf. *Masdevallia nebulina*.

nebulorum: cloud; mist + see -orum: of, etc. cf. *Spiranthes nebulorum*.

nebulosa: see *nebulosus*. Also possible, it may be as the English, nebulous: clouded; obscure; vague, etc., with the author having difficulty establishing its identity (?). Listed as a natcross of *Diuris aurea* x *D. punctata*. cf. *Diuris* x *nebulosa* D.L.Jones 1991. Noted as endemic to NSW., Aust.

nebulosum: see *nebulosus*. cf. *Collabium nebulosum*.

nebulosus: descwd., ref. *nebula*: cloud (+ mist) + suffix: full of; like, etc. Most often refs. to the clouded variegations of colours: cloudy; mixed; mottled; dappled.

nebulosus: as last entry. cf. *Gastrochilus nebulosus*. syn. *G. formosanus*.

nec: listed as a contraction of Lat., *neque*. Sometimes seen in discussions: and not; neither; but not, etc. eg. J.J.Sm., non Schltr. **nec** Ridl. Means: J.J.Smith (was the author), not Schlechter **and not** Ridley.

necopina: ref. *necopinus*: unexpected. cf. *Lepanthes necopina*.

necrophylla: ref. *nekros*: corpse; dead body + leaf. + See necrosis, perhaps there is a connection, or perhaps the leaf wilts before it flowers (?). cf. *Caladenia necrophylla*. Noted as endemic to Sth.Aust.

necrophyllum: as *necrophylla*. cf. *Calonema necrophyllum*. syn. *Caladenia necrophylla*.

necropolitana: belonging to Necropoli di Pantalica, a town of Syracuse, eastn. Sicily, Italy. cf. *Ophrys* x *necropolitana* H.Baumann & Künkele.

necrosis: of dying, or dead tissue, usually following chlorosis (see "C"). Mostly indicated by patches, or blotches being greyish-white; yellowy; brown, or blackish.

nectar: ref. *nektar*, + ex Gk.myth.: fabled drink of the gods. A glandular secretion, usually a liquid, often found in a spur, sac, or nectary (+ see pheromones). Often a source of the flower's perfume and an attraction for an insect pollinator.

nectarifera: nectar + bearing. cf. *Pleurothallis nectarifera*.

nectariferous: noted, the correct term, for us, is: nectiferous. See this entry.

nectarina: nectar + of; like, etc. cf. *Liparis nectarina*.

nectary: mainly a secreting gland, but can be a receptacle where nectar collects, eg. within a spur, sac, surface depression(s). + See nectar; secretion.

nectiferous: producing, or having nectar. See nectar.

née: listed as ex French. The feminine form, seen before a person's surname and indicates this was her maiden name, before she changed it, or married. + See né.

neerlandica: listed as Lat'd. spelling for place name: belonging to the Netherlands. cf. *Epipactis helleborine* ssp.*neerlandica* (Verm.) Buttler 1986.

negadensis: for place name (+ from), only listed as ex Greece. cf. *Ophrys negadensis* G.& W.Thiele 2001.

neglecta: ref. *neglectus*: neglect; overlook; disregard, etc. cf. *Eria neglecta*.

neglectum: as *neglecta*. cf. *Bulbophyllum neglectum*.

neglectus: as *neglecta*. cf. *Paradisanthus neglectus*.

negrense: for place name: from the Río Negro (river). Of Colombia, forms part of the border to Venezuela, then joins the Amazon, at Manaus, Brazil. cf. *Catasetum negrense* Schltr.1925. syn. *C. gnomus*.

negrensis: see *negrense*. ex nth. Brazil, cf. *Galeottia negrensis* Schltr.1925.

negrilensis: for place name: from Negril, a town at the westn. tip of Jamaica. cf. *Broughtonia negrilensis* Fowlie 1961.

negrita: loosely trans.: almost black. Was noted as cf. *Gongora negrita*, but there isn't any official listing. Has to be an error ref. to *Gongora nigrita* (which is a valid species).

negrosiana: as *negrosianum*. cf. *Liparis negrosiana* Ames.

negrosianum: for place name: belonging to Negros Island, Philipp. Listed as ex Cuernos Mtns., cf. *Bulbophyllum negrosianum* Ames 1912.

negrosianus: as *negrosiana*. cf. *Podochilus negrosianus* Ames.

neibana: belonging to the Sierra de **Neiba** (mtn. range), Hispaniola Island. cf. *Pleurothallis neibana* Dod 1984. syn. *P. spiloporphyræa*.

neilgherrense: listed for place name: from the Nilgiri Hills (aka., the Neilgherries), sthn. India. cf. *Cirrhopetalum neilgherrense* Wight 1851. syn. *Bulbophyllum kaitense*.

neilgherrensis: as *neilgherrense*. cf. *Disperis neilgherrensis* Wight 1851.

Neippergia: C.Morren 1849. Listed for Graf Alfred Neipperg of Wurtemberg, a patron of the natural sciences. eg. *Neippergia chrysantha*. syn. *Acineta chrysantha*.

nelisii: listed for noted grower, Mon.de Nelis of Malines. cf. *Laelia purpurata* var. *nelisii*. Took this from a book, but there isn't any official listing.

nelsoniana: belonging to Nelson. Listed for botanist, Elias Emamuel Nelson (b1876). cf. *Acriopsis nelsoniana* Bailey 1898. syn. *Acriopsis liliifolia*. Pers.coll., see *javanica*.

nelsonii: listed for orig.coll., E.W.Nelson (+ of), ex Durango, Mexico. cf. *Malaxis nelsonii* Ames 1908. + See next entry.

nelsonii: listed for phytologist, E.Nelson (+ of). ex France, cf. *Ophrys* x *nelsonii* Contré & Delamain 1965.

Nemacianthus: D.L.Jones & M.A.Clem.2002: *nema* + *aci*-+ *anthus*: thread + sharp + flower. Or, more likely: an "*Acianthus* with threads", as see the "correct name". cf. *Nemacianthus caudatus*. syn. *Acianthus caudatus* (: tailed).

Nemaconia: Knowles & Westc.1838, ref. *nema*: thread + *akon*: a dart. Ref. the sharp linear leaves. syn. *Ponera* Lindl.

nematocaulon: ref. *nematos*: thread-like + stem; stalk. Ref. the slender scape. cf.

Bulbophyllum nematocaulon.

Nematoceras: Hook.f.1853: ref. *nematos*: thread-like + horn. eg. *Nematoceras rotundifolia*.

syn. *Corybas oblongus*.

nematocerata: thread-like + horned. cf. *Habenaria nematocerata*.

nematodes: thread-like + resembling. Or, may be to do with nematodes, or roundworm, which cause disease in plants (?). cf. *Lepanthes nematodes*.

nematopetalum: thread-like + petals. cf. *Epidendrum nematopetalum*.

nematopoda: as *nematopodum*. cf. *Phyllorkis nematopoda*. syn. *Bulbophyllum nematopodum*.

nematopodum: thread-like + foot. Ref. the very slender scape. cf. *Bulbophyllum*

nematopodum. Noted as endemic to nth. Qld., Aust.

nematorhizis: thread-like + rhizome. cf. *Bulbophyllum nematorhizis*.

Nematorhizis: thread-like + rhizome.= *Bulbophyllum* section.

nematostele: thread-like + pillar; column. cf. *Lepanthes nematostele*.

memorale: ref. *memos*: a grove + suffix: of, etc. + Can be: of woodlands; shady places. cf.

Bulbophyllum memorale.

memoralis: as *memorale*. cf. *Malaxis memoralis*.

memorosa: ref. *memorosus*: growing in woods, or groves. cf. *Disperis memorosa*.

memorosum: as *memorosa*. cf. *Bulbophyllum memorosum*. syn. *B. singuliflorum*.

memorum: ref. *memos*: woodlands; grove + of, or relative to. cf. *Pleurothallis memorum*.

Nemuranthes: Raf.1837.(Most names by Mr.Rafinesque-Schmaltz are difficult to interpret, as he abbreviated so heavily). Has to be: ref. *nema* + *urus* + *anthes*: thread + tail + flower, for the relatively long, thread-like spur (?). syn. *Habenaria* Willd.

Neo:- (NB., capital "N"), ex *neos*: new. Normally used as a prefix to create a second, or new genus, or section, etc., esp. with person's, or place names. The general appearance closely resembles the original, but it has sufficient differences to warrant the introduction of a new genus, etc. eg. *Neofinetia*: the author is saying: look at *Finetia* and now, look at this one, they certainly resemble each other, but they are different. + The author wished to retain the ref. to the person, or place initially involved. Sometimes a name may have been previously used with other flora, eg., *Cogniauxia*. Dr.Schlechter obviously wanted to honour Dr.Cogniaux (see *cogniauxiana*) and used *Neo*- to avoid an illegal homonym (see "H"), which would have been rejected.

neo:- used in compwds. ref. *neos*: new. + Can mean: another; different (kind). + Can have the same connotations as *Neo*-.

x *Neoaeristylis*: auct. On the syn. list, the result of *Aerides* x *Neofinetia* x *Rhynchostylis*.

Neobartlettia: Schltr.1920: see *Neo*-+ ref. Dr.A.W.Bartlett, Superintendent of the Georgetown Bot.Garden, British Guiana (now: Guyana). syn. *Palmorchis*.

Neobathiea: Schltr.1925: see *Neo*-+ see *Bathiea*. ex Madagascar, eg. *Neobathiea perrieri* (Schltr.) Schltr.1925.

x *Neobatopus*: auct. On the syn. list, cf. *Cryptopus* x *Neobathiea*.
Neobennettia: Senghas 2001: see *Neo*-+ see *bennettii*. eg. *Neobennettia genegeorgei*. Listed as monotypic in Peru.
Neobenthamia: Rolfe 1891: see *Neo*-+ see *Benthamia*. eg. *Neobenthamia gracilis*. Noted as monotypic in Tanzania, Africa.
neobenthamia: see *Neobenthamia*. cf. *Polystachya neobenthamia* Schltr.1903. syn. *Neobenthamia gracilis*.
Neobolusia: Schltr.1895: see *Neo*-+ *Bolusia* (info. see *Bolusiella*). ex sthn. Africa, eg. *Neobolusia virginea*.
neobradei: see *neo*-+ ref. A.C.Brade (info., see *bradeorum*). ex Brazil, cf. *Pleurothallis neobradei* Luer 1986.
neocaledonia: ref. New Caledonia (islands). cf. *Calanthe neocaledonia*. syn. *C. triplicata*.
neocaledonica: belonging to New Caledonia. cf. *Oberonia neocaledonica* Schltr.1906. syn. *O. titania*. Pers.coll., see *titania*.
neocaledonicum: as *neocaledonica*. cf. *Bulbophyllum neocaledonicum* Schltr.1906.
neocaledonicus: as *neocaledonica*. cf. *Corybas neocaledonicus* (Schltr.) Schltr.1923.
neocauliflorum: new + stem; stalk + flower. Was compared to *Epidendrum cauliflorum* and thought to be “different” cf. *Epidendrum neocauliflorum*. syn. *E. cauliflorum*.
Neoclemensia: Carr 1935: see *Neo*-+ *Clemensia* (info. see *clemensii*). eg. *Neoclemensia spathulata*. Noted as monotypic in Borneo.
Neocogniauxia: Schltr.1913: see *Neo*-+ *cogniauxia* (info. see *cogniauxiana*). ex Jamaica, eg. *Neocogniauxia monophylla*.
Neocribbia: Szlach.2003: see *Neo*-+ of Cribb, see *cribbianum*. syn. *Solenangis*. Schltr.
neodiscolor: see *neo*-+ *discolor*. May have been compared to *Epidendrum discolor* (?). cf. *Epidendrum neodiscolor*. Both are synonymous to *Nanodes discolor*.
Neodryas: Rchb.f.1852: “a new fairy”. See *neo*-: new + see *dryad*, ex Gk. myth.: a tree spirit; fairy; wood nymph, etc. syn. *Cyrtochilum* Kunth.
neobudanum: listed as Lat’d. spelling for place name: of, or belonging to the New Hebrides (islands), n.east of Aust. cf. *Dendrobium neobudanum* Schltr.1906. syn. *D. mohlmanum*.
neobudica: as *neobudanum* (+ different suffix, -ica: belonging to). cf. *Malaxis neobudica* Ames 1932. syn. *Malaxis xanthochila*.
neobudicum: as *neobudica*, + see *neobudanum*. cf. *Crepidium neobudicum* (Ames) M.A.Clem.& D.L.Jones 1996. syn. *Malaxis xanthochila*.
neobudicus: as *neobudicum*. cf. *Bulbophyllum neobudicus* Garay, Hamer & Siegerist.
Neoescobaria: Garay 1972: see *Neo*-+ ref. G.Escobar, see *escobariana*. ex Peru, eg. *Neoescobaria brevis*. syn. *Helcia brevis*.
Neofinetia: Hu 1925: see *Neo*-+ *Finetia*. ex China to eastn. Asia, eg. *Neofinetia falcata*.
neogalicensis: see *novogaliciana* (with different suffix: from). ex Mexico, cf. *Epidendrum neogalicensis* Hágsater & R.González 1983.
Neogardneria: Schltr.ex Garay 1973: see *Neo*-+ ref. George Gardner (info. see *gardneri*). ex Brazil, eg. *Neogardneria murrayana* (see *murryanum*).
neogennarii: see *neo*-+ see *Gennaria*. cf. *Orchis* x *neogennarii* E.G.Camus.

x *Neoglossum*: auct. On the syn. list, cf. *Ascoglossum* x *Neofinetia*.
 x *Neograecum*: auct. On the syn. list, cf. *Angraecum* x *Neofinetia*.
neoguineense: Lat'd. spelling: from New Guinea. The example I give, is listed to be from Dutch New Guinea (Papua, Indon.). cf. *Bulbophyllum neoguineense* J.J.Sm.1908.
neoguineensis: as *neoguineense*, but this one was from German New Guinea (the New Guinea side of PNG.). cf. *Liparis neoguineensis* Schltr.1911. syn. *L. caespitosa*.
neoguinense: from New Guinea, (and is listed to be from Papua New Guinea). cf. *Agrostophyllum neoguinense* Kittr.1985.
Neogyna: Rchb.f.1852. Listed as *neo-*: new + *-gyne*: woman. Not because it had a different stigma, or ovary (the female organs) the *-gyne* is from *Coelogyne*, as the plant appearance closely resembled this genus. Noted as as monotypic ex Nepal, China and Indo-China, eg. *Neogyna gardneriana* (Lindl.) Rchb.f.1852.
neoharlingii: see *neo-*+ ref. G.W.Harling (info., see *harlingii*). ex Ecuador, cf. *Pleurothallis neoharlingii* Luer 1986.
neohibernica: Lat'd. spelling for place name: belonging to *Neo Hibernia*: New Ireland, PNG. cf. *Calanthe neohibernica* Schltr.1905. syn. *Calanthe hololeuca*.
neohibernicum: as *neohibernica*. cf. *Thrixspermum neohibernicum*. syn. *T. platystachys*. Pers.coll., common ex PM.PNG.
neohibernicus: as *neohibernica*. cf. *Epiblastus neohibernicus* Schltr.1911.
neokelleri: see *neo-*+ see *kelleri*, noted as compared to *Ophrys* x *kelleri*. ex Sardinia, cf. *Ophrys* x *neokelleri* Soó 1931.
Neokoehleria: Schltr.1912: see *Neo-*+ ref. E.Koehler. Listed as a noted grower and collector, esp. of Peruvian plants. ex Peru, eg. *Neokoehleria papillosa*.
neolampangense: see *neo-*+ see *lampangense*. Was probably compared to *Dendrobium indivisum* var.*lampangense* (?). cf. *Dendrobium neolampangense* Aver.1988. syn. *D. indivisum* var.*lampangense*.
Neolauchea: Kraenzl.1897: see *Neo-*+ ref. A.Lauche, noted as the Director of the gardens of Prince John of Liechtenstein. syn. *Isabelia* Barb.Rodr.
Neolehmannia: Kraenzl.1899, see *Neo-*+ ref. F.C.Lehmann (see *lehmannii*). eg. *Neolehmannia epidendroides*. syn. *Epidendrum neolehmannia*.
neolehmannia: as *Neolehmannia*. ex Ecuador, cf. *Epidendrum neolehmannia* Schltr.1921.
Neolindleya: Kraenzl.1899: see *Neo-*+ ref. Prof.J.Lindley (info., see *lindleyi*). syn. *Platanthera* Rich.
neomexicana: belonging to New Mexico state, s.west USA. cf. *Habenaria neomexicana* Tidestr.1941. syn. *Platanthera stricta*.
Neomoorea: Rolfe 1904: see *Neo-*+ ref. Sir F.W.Moore (see *mooreana*). ex Panama to Ecuador, eg. *Neomoorea wallisii*. Noted as monotypic.
neoparviflorum: new + small + flower. cf. *Cypripedium neoparviflorum*.
neoperrieri: see *Neo-*+ ref. Dr.Perrier de la Bâthie (info. see *Bathiea*). ex Madagascar, cf. *Aeranthus neoperrieri* Toill.-Gen., E.Ursch & Bosser.
neophylla: see *neo-*+ leaf. cf. *Maxillaria neophylla*.
neopommeranica: listed as Lat'd. spelling for place name: belonging to New Britain, Bismarck Archipelago, PNG. (NB., *pommeranica* is listed as Lat'd. German,

Pommern + *-ica*: England, or Britain + belonging to). cf. *Appendicula reflexa* var. *neopommeranica* (Schltr.) Schltr.1912.
neopommeranicum: as *neopommeranica*. cf. *Bulbophyllum neopommeranicum* Schltr.1905.
neoporpax: new + *porpax*: handle of a shield. Was probably compared to *Epidendrum porpax*. cf. *Epidendrum neoporpax*.
neoschulzei: see *neo*-+ see *schulzei*. cf. *Ophrys neoschulzei* A.Camus.
x *Neostylis*: auct. On the syn. list, cf. *Neofinetia* x *Rhynchostylis*.
x *Neostyloopsis*: auct. On the syn. list, cf. *Neofinetia* x *Phalaenopsis* x *Rhynchostylis*.
Neotainiopsis: Bennet & Raizada 1981: see *Neo*-+ *Tainia* + appearance. eg. *Neotainiopsis barbata*. syn. *Eriodes barbata*.
Neotia: Scop.1770, see *Neottia*. syn. *Neottia*.
Neotinea: Rchb.f.1850: see *Neo*-+ see *Tinea* (for V.Tineo). ex the Mediterranean region. eg. *Neotinea lactea*.
neotineoides: see *Neotinea* + resembling. cf. *Peristylus neotineoides*.
neotixieri: see *neo*-+ see *tixieri*. ex the Himalayas to Peninsula Malaysia, cf. *Oberonia neotixieri* Guillaumin 1963. syn. *Oberonia rufilabris*.
Neottia: Guett.1754: ref. *neottia*: nest (as that of a bird). For the tangle of roots. ex Europe to the Caucasus and n.west Africa, eg. *Neottia nidus-avis* (which also: bird's nest).
neottia: nest. cf. *Corallorrhiza neottia*. syn. *C. trifida*.
Neottianthe: (Rchb.f.) Schltr.1919: *Neottia* + flower. Noted the flowers were likened to those of a *Neottia*. ex Sichuan, China, eg. *Neottianthe compacta*.
Neottidium: Schltdl.1823: ref. *neottia* + dimin.: (like) a small (bird's) nest, or (like) a small *Neottia* (?). syn. *Neottia* Guett.
Neottiaeae: *Neottia* + suffix denotes it's a tribe.
Neottiinae: *Neottia* + suffix denotes it's a subtribe.
Neottioideae: *Neottia* + suffix denotes it's a subfamily.
neottioides: *Neottia* + resembling, or like a (bird's) nest (?). cf. *Platanthera neottioides*. syn. *P. limosa*.
neottiorhiza: ref. *neottia*: (bird's) nest + roots. cf. *Pelexia neottiorhiza*.
neotype: a herbarium specimen selected to be the (new) type, when others are lost, or badly damaged. + See type, holotype.
Ne-ourbania (? : *Neo-urbania*): Fawc.& Rendle 1909: see *Neo*-+ ref. Prof.Urban (more, see *urbaniana*). syn. *Maxillaria Ruiz & Pav.*
neoviridiflorum: new + green + flower. Was probably compared to *Diothonea viridiflora*. syn. and cf. *Epidendrum neoviridiflorum*.
neowiedii: see *neo*-+ see *Neuwiedia*. ex Brazil, cf. *Maxillaria neowiedii* Rchb.f.1877.
Neowilliamsia: Garay 1977: see *Neo*-+ ref. L.O.Williams, info. see *lowilliamsii*. ex Panama, eg. *Neowilliamsia cuneata*.
nepalense: for place name: from Nepal, borders with nthn. India. cf. *Satyrium nepalense* D.Don 1825.
nepalensis: as *nepalense*. cf. *Bulbophyllum ambrosia* ssp. *nepalensis* J.J.Wood 1986.
Nephelaphyllum: Blume 1825: ref. *nephele*: cloud; mist + leaf. Noted as refs. to the cloudy variegations of the leaves. ex Borneo, eg. *Nephelaphyllum gracile*.

Nephelephyllum: Blume 1828. syn., see *Nephelaphyllum*.

Nephrangis: (Schltr.) Summerh.1948: ref. *nephros*: kidney + *angos*: vessel. Listed as ref. the lip. ex trop. Africa, eg. *Nephrangis filiformis*.

Nephrantha: Blume 1825: ref. *nephros*: kidney + *-antha*: flower. eg. *Nephrantha matutina*.
syn. *Renanthera matutina*.

Nephranthera: Hassk.1842: kidney + see anther. syn. *Renanthera*.

nephrocardia: kidney + *kardia*: heart. cf. *Pleurothallis nephrocardia*. syn. *P. tridentata*.

nephrocardius: kidney + heart. cf. *Zosterophyllumanthos nephrocardius*. syn. *Pleurothallis nephrocardia*.

nephrocordia: kidney + ref. *cordis*: heart. cf. *Epipactis nephrocordia*. syn. *E. helleborine*.

nephroglossa: kidney + tongue. cf. *Oberonia nephroglossa*.

nephroglossum: kidney + tongue. ex New Guinea, cf. *Crepidium nephroglossum*. syn. *Malaxis nephroglossa*.

nephroid: kidney-like; kidney-shaped. Not used very often, mostly you'll see: reniform.

nephroidea: (those being) nephroid. cf. *Calanthe nephroidea*.

nephrolepidis: *Nephrolepis* + like. Listed as, the stem was likened to a kind of fern. The specep. trans. to: kidney + scale + like, but is alluding to resemble the fern, *Nephrolepis*, which is reported to have kidney-shaped scales. cf. *Dendrobium nephrolepidis*.

nephropetala: kidney + petals. cf. *Stelis nephropetala*.

nephropetalum: kidney + petals. cf. *Bulbophyllum nephropetalum*.

nephrophorum: kidney + bearing. cf. *Taeniophyllum nephrophorum*.

nephrophylla: kidney + leaf. cf. *Listera cordata* var. *nephrophylla*. (Note, *cordata*: heart-like, but this one had a leaf likened to the shape of a kidney). syn. *L. cordata*.

nepotula: ref. *nepotis*. From two major sources, one says it's for a grandson and the other, a nephew + dimin. suffix: small. Obviously, was likened to being a smaller relative to another of its ilk. cf. *Stelis nepotula* Luer & Hirtz 2002.

nervata: nerved (veined). cf. *Orchis nervata*. syn. *O. militaris*.

nervation: basically the same as venation. Of, or to do with the arrangement of nerves (or, veins). eg. "... the nervation has a tessellate pattern."

nervilabris: nerves (veins) + lip. cf. *Cynorkis nervilabris*.

Nervilia: Comm.ex Gaudich.1829: ref. *nervus*: sinew; tendon + suffix: having the nature of. Ref. veins of the leaf. ex New Caledonia, eg. *Nervilia aragoana* (the type, see "A").

nervilia: see *Nervilia*. cf. *Pogonia nervilia*. syn. *Nervilia aragoana*.

Nervilieae: *Nervilia* + suffix denotes it's a tribe.

Nerviliinae: *Nervilia* + suffix denotes it's a subtribe.

nervillosa: ref. *nervus* + dimin. + *-osa*: full of, or with many small, or fine nerves (veins). cf. *Coelogyne nervillosa*. syn. *Pholidota nervosa*.

nervosa: with many nerves (veins), or prominently veined. cf. *Pholidota nervosa*.

nervosiflora: as *nervosiflorum*. cf. *Neowilliamsia nervosiflora*.

nervosiflorum: nerves + full of + flower. cf. *Epidendrum nervosiflorum*. syn. *Neowilliamsia nervosiflora*.

nervosum: see *nervosa*. cf. *Styloglossum nervosum*. syn. *Calanthe pulchra*.
nervosus: as *nervosum*. cf. *Tainia nervosus*.
nervulosum: with many small veins. cf. *Bulbophyllum nervulosum*.
nesiotes: lit., an islander; one who lives on an island. cf. *Bulbophyllum nesiotes*.
nesogenes: island + born; kind, etc. cf. *Orchis nesogenes*. syn. *Dactylorhiza maculata*.
nesophila: ref. *nesos*: island + loves. cf. *Liparis nesophila*. syn. *L. condylobulbon*.
nestor: probably to express “beauty” and in keeping to a theme of naming hybrids for myth. characters. Ref. Gk. Myth, Nestor: king of Pilos, a fearless warrior and renowned for his wisdom and justice. cf. *Dendrobium* x *nestor* O’Brien 1893 (syn.).
Neumayera: Rchb.f.1872. Reported as a misunderstanding for *Niemeyera*. syn. *Apostasia* Blume.
neuro-: used in combwds., ref. *neuron*: a nerve (+ can be: sinew; tendon). For anything to do with nerves (or veins, can be taken as both).
neuroglossa: see *neuro*+ tongue. ex New Guinea, cf. *Malaxis oligantha* var. *neuroglossa*.
neuroglossum: as *neuroglossa*. cf. *Dendrobium neuroglossum*.
neuropetala: nerved + petals. cf. *Platanthera neuropetala*.
Neuropetalum: nerved + petals.= *Paphiopedilum* section.
neuroptera: nerved + wing. cf. *Veyretia neuroptera*.
neurosa: full of, or with many nerves (or, veins). cf. *Prosthechea neurosa*.
neurosum: as *neurosa*. cf. *Epidendrum neurosum*. syn. *Prosthechea neurosa*.
Neuwiedia: Blume 1834: of Neuwied. Listed for botanist and naturalist, Maximilian Alexander Philipp zu Wied-Neuwied (1782-1867). Noted, one ref. gave him the title of Prince (?). ex Borneo, eg. *Neuwiedia elongata*.
nevadense: for place name: from Sierra Nevada de Santa Marta (mnts.), nthn. Colombia. cf. *Odontoglossum nevadense* Rchb.f.1870.
nevskii: listed for botanist and author, Sergei Arsenjevic Nevski (1908-1938). cf. *Dactylorhiza* x *nevskii* H. Baumann & Künkele 1981.
newportii: listed for orig.coll., Howard Newport (+ of) 1902. cf. *Bulbophyllum newportii* (F.M. Bailey) Rolfe 1909. Noted as endemic to nth. Qld., Aust.
Nexipous: ref. *nektos*: swim; *nexis*: a swimming + foot; footed. Listed as alluding to a petal: likened to a duck’s foot.= *Stelis* section.
nexipous: see *Nexipous*. cf. *Stelis nexipous*.
Nezahuacoyotlia: R. González 1997. I avoided this for a long time, as I had no idea even how to pronounce it, besides what it may mean! Had a guess it may be for a place name and sure enough, noted three within Mexico. Ref. Nezahuacóyotl (+ of), a city near Mexico City, a town of eastn. Tabasco state and a town of n.east Chiapas state. syn. *Cranichis*.
ngoclinhensis: for place name: from Ngoc Linh, a mtn. peak of eastn. central Vietnam. cf. *Bulbophyllum ngoclinhensis* Aver. 1997.
ngoyense: listed for place name: from Ngoye River, New Caledonia. cf. *Dendrobium ngoyense* Schltr. 1906.
ngoyensis: as *ngoyense*. cf. *Peristylus ngoyensis* (Schltr.) N. Hallé 1977. syn. *P. novoebudarum*.

nguruense: from the Nguru Mtns., Tanzania. cf. *Mystacidium nguruense* P.J.Cribb 1989.

nhatrangense: for place name: from Nha Trang, a coastal city, s.east Vietnam. cf. *Dendrobium nhatrangense* Gagnep.1930.

niahensis: listed for place name: from Niah, a town of west Sarawak, Malaysia, Borneo. cf. *Appendicula niahensis* Carr 1935. syn. *Appendicula pilosa*.

nicaraguae: of Nicaragua. cf. *Masdevallia nicaraguae* Luer 1979.

nicaraguense: from Nicaragua. cf. *Epidendrum nicaraguense* Scheeren ex Hágsater 1993.

nicaraguensis: from Nicaragua. cf. *Baskervilla nicaraguensis* Hamer & Garay 1982.

nichollsianum: listed for William (Bill) Henry Nicholls (1885-1951), brilliant orchidist and self taught phytologist. He collected from all over Aust. and described many new species. A fine bot. artist, he achieved remarkable detail with his watercolours. Sadly, he didn't get the kudos he deserved as his major work "Orchids of Australia" wasn't published until after his death. Invaluable to me and I've just about worn out my copy. cf. *Prasophyllum nichollsianum* Rupp 1942. Noted as endemic to NSW., Aust.

nicholsonii: listed for botanist and author, George Nicholson (1847-1908). ex sthn. Africa, cf. *Habenaria nicholsonii* Rolfe 1898.

nicobarica: as *nicobaricus*. cf. *Eulophia nicobarica* N.P.Balacr.& N.G.Nair 1976.

nicobaricus: belonging to the Nicobar Islands (Indian territory), in the Andaman Sea. cf. *Anoectochilus nicobaricus* N.P.Balacr.& P.Chakra.1979.

nicotiae: my only ref. is to the French diplomat, Jean Nicot, for whom is named the genus *Nicotiana* L., for herbs and some shrubs of the nightshade family (*Solanaceae*, + ref. tobacco: *Nicotiana tabacum*). May be for some likeness (?). Whether this is relevant, or not, noted from the official listing that *Ophrys nicotiae* Zodda 1900, was in a publication called "Malpighia" (see *malpighiiflorus*). syn. *O. holoserica*.

Nidema: Britton & Millsp.1920. Listed as an anagram of *Dinema*, because of its close affinities. ex Mexico to Panama, eg. *Nidema boothii*.

nidifica: cf. *Masdevallia nidifica* Rchb.f.1878, ex Ecuador. Early in this work, before I had some grasp of the language and the usage of my ref. sources, the *-ica* threw me completely off track! Read everything I have on Ecuador looking for a place called Nidif and was about to give up, when I wondered if it had anything to do with *nidus*: nest? Sure enough, +*-fica*, ref. *facere*: to make.+ Noted as the one word, ref. *nidifico*: to build a nest; nest-building and refs. to the plant's caespitose habit. + Ref. Eng.: nidification. (Should have looked in the trusty old dictionary first. Ah well, I know a bit more about Ecuador now, than I did before.)

Nidifcae: those that build a nest.+ See *nidifica*. = *Masdevallia* subgenus *Amanda* section *Nidifcae*.

nidificum: see *nidifica*. cf. *Dendrobium nidificum*. syn. *D. piestocaulon*.

Nidus: Riv.ex Kuntze 1891: ref. *nidus*: nest. syn. *Neottia* Guett.(which also means, nest).

nidus: nest. Ref. the many stems, sheaths and leaves which form clumps, fancifully likened to a bird's nest. cf. *Aeranthus nidus*.

Nidus-avis: Ortega 1773: nest + bird. syn. *Neottia* Guett. (: a nest).

nidus-avis: nest + bird (+ see *Neottia*).cf. *Neottia nidus-avis*.

niederleinii: listed for botanist, Gustavo Niederlein (1858-1924). Descs. accr. to him are abbr. to: Niederl. ex Panama, cf. *Pleurothallis niederleinii* Schltr.1918. syn. *P. quadrifida*.

Niemeyera: F.Muell.1867. Listed for Felix Niemeyer (+ of) a famous physician of Tübingen Univ., west Germany. eg. *Niemeyera stylidioides*. syn. *Apostasia wallichii*.

Nienokuea: A.Chev.1945: listed for place name: of Nienokue (mtn.), lower Ivory Coast, west Africa. syn. *Polystachya* Hook.

nieschalkii: as *nieschalkiorum*. ex Czech. and Germany, cf. x *Pseudorhiza nieschalkii* (Senghas) P.F.Hunt 1971.

nieschalkiorum: listed for German phytologists Albert & Charlotte Nieschalk + suffix: of, belonging to. Descs. accr. to them are abbr. to: A., and/or C.Niesch. ex Turkey, cf. *Dactylorhiza nieschalkiorum* H.Baumann & Künkele 1981.

nieuwenhuisii: listed for orig.coll., botanist, naturalist and explorer, Anton Nieuwenhuis (+ of). Noted, he was first to cross Borneo from west to east. ex Kalimantan, Borneo, cf. *Bulbophyllum nieuwenhuisii* J.J.Sm.1926.

niger: descwd., + used in combwds.: black (generally).+ Ref. *nigra*-, *nigri*-, *-nigrita*, *-nigritum*, *-nigritus*, *nigro*-, etc. All being: black; blackish; slightly black; blackened; very dark (as if black), etc.

nigrica: as *nigricum*. cf. *Disa nigrica* Rolfe 1914.

nigricum: belonging to Nigeria, Africa. cf. *Bulbophyllum nigricum* Summerh.1962.

nigerrimus: descwd., see *niger*: black, or very dark + emphatic suffix: absolutely, etc.

nigra-, *nigri*-, etc.: used in combwds., see *niger*.

nigra: blackish (actually, is a very dark red), + see *niger*. cf. *Liparis nigra*.

nigratum: blackish. cf. *Oncidium nigratum*.

nigrescens: see *niger*: "black" + suffix: tending to; becoming. Ref. the flower: mostly yellow and "black" (: a very dark purple). cf. *Bulbophyllum nigrescens*.

x *Nigribicchia*: E.G.Camus, Bergon & A.Camus. On the syn. list, cf. *Nigritella* (syn. *Gymnadenia*) x *Bicchia* (syn. *Pseudorchis*).

nigricans: blackening. Noted that, initially the flower stem is reddish-brown and the flower, red and white, but as it ages and dries out they turn a very drab "black". cf. *Pyrorchis nigricans*. Noted as endemic to s.west Aust.

nigriflora: black + flower. cf. *Pleurothallis nigriflora*.

nigriflorum: black + flower. cf. *Bulbophyllum nigriflorum*.

nigrilabium: black + lip (actually, it's a very deep violet). cf. *Bulbophyllum nigrilabium*.

nigrilimbata: black + see limbate: bordered, etc. Ref. the labellum. cf. *Glomera nigrilimbata*. Noted as endemic to Papua, Indon.

nigrimarginata: black + see marginate: edged, etc. Ref. the labellum. cf. *Glossorhyncha nigrimarginata*. Noted as endemic to PNG.

nigripes: black + foot. cf. *Habenaria nigripes*.

nigripetalum: black + petals. cf. *Bulbophyllum nigripetalum*.

nigriscapa: black + see scape (: flower stem part). cf. *Lepanthes nigriscapa*.

nigrita: blackish. cf. *Paracaleana nigrita*. Noted as endemic to West.Aust.

Nigritella: Rich.1817: see *niger* + dimin.: blackish (noted as a very deep reddish-purplish-black). syn. *Gymnadenia* R.Br.

nigritella: see *niger*+ dimin.: blackish. cf. *Dracula nigritella*.

nigritianum: Nigritia + belonging to; Nigritian.* cf. *Bulbophyllum nigritianum* Rendle 1913. *cMid 19th century, *Nigritia* was a vague general collective term for countries in the region of Sudan. Was also used for elsewhere, mainly of west and west central Africa, more or less, from the equator up to Egypt.

nigritum: blackened. + See *nigritus*. cf. *Paphiopedilum nigritum*. syn. *P. barbatum*.

nigritus: descwd.. Listed as lit.: clothed in black. Seen in discussions and mostly infers that it is only partly "black".

nigroannulata: black + ringed, see annulate. cf. *Pleurothallis nigroannulata*. syn. *P. laxa*.

nigrofurfuracea: black + scale + like (+ see furfuraceous). cf. *Coelogyne nigrofurfuracea*. syn. *Eriodes barbata*.

nigrofurfurascens: black + scale + beginning; commencing. cf. *Coelogyne nigrofurfurascens*. syn. *Eriodes barbata*.

nigrohirsuta: black + haired. cf. *Pleurothallis nigrohirsuta*. syn. *P. acuminata*.

Nigrohirsutae: black + hair + of.= *Dendrobium* section.

nigromaculatum: black + spotted (see maculate). cf. *Bulbophyllum nigromaculatum*. syn. *B. tenuifolium*.

nigropunctata: black + dotted. cf. *Gongora nigropunctata*.

nigropuncticulata: having small black dots. cf. *Calanthe nigropuncticulata*. syn. *C. alismifolia*.

nigropurpureum: black + purple, or purplish-black (?). cf. *Bulbophyllum nigropurpureum*. x *Nigrorchis*: Godfery. On the syn. list, cf. *Nigritella* (syn. *Gymnadenia*) x *Orchis*.

nigroscapum: black + scape (: flower stem part). cf. *Bulbophyllum nigroscapum*.

nigrosignata: black + see *signata*: marked. cf. *Fernandezia nigrosignata*.

nigrosignatum: as *nigrosignata*. cf. *Centropetalum nigrosignatum*. syn. *Fernandezia nigrosignata*.

nigrovaginata: black + see vaginate: sheathed, etc. cf. *Benthamia nigrovaginata*.

nigroviolacea: black + violet-like, or like very dark violet (?). cf. *Stanhopea nigroviolacea*.

nigrum: see *niger*: black, etc. cf. *Paphiopedilum barbatum* var. *nigrum*.

niijimai: of Nii-jima (islands), s.east of Fuji-Hakone-Izu N.Park, Honshu, Japan. The official listing says it's from Nantou, Taiwan (? : Nan-t'ou city, central westn. Taiwan). Maybe this is for where it was first flowered in cultivation (?). cf. *Zeuxine niijimai* Tatew.& Masam.1932.

nikkoensis: from Nikko, a major town, and/or nearby Nikko N.Park, Tochigi-ken Prefecture, central Honshu Island, Japan. cf. *Liparis nikkoensis* Nakai 1931. syn. *L. krameri*.

nilagiricum: as *nilagiricus*. cf. *Saccolabium nilagiricum* Hook.f.1890. syn. *Gastrochilus nilagiricus* (Hook.f.) Kuntze 1891.

nilagiricus: belonging to Nilagiri (village), Orissa state, n.east India. cf. *Gastrochilus nilagiricus* (Hook.f.) Kuntze 1891.

nilgherense: see *neilgherrense*. cf. *Cirrhopetalum nilgherense* Wight. syn. *Bulbophyllum kaitense*.

nilgherensis: see *neilgherrense*. cf. *Phyllorkis nilgherensis* (Wight) Kuntze 1891. syn. *Bulbophyllum sterile*.

nilgherrense: see *neilgherrense*. cf. *Bulbophyllum nilgherrense* Wight 1851. syn. *B. sterile*.

nilgirensis: see *neilgherrense*. cf. *Disperis zeylanica* var. *nilgirensis* (Wight) U.C.Pradhan.

nilotica: is mainly a ref. to an ethnic people and their Nilotic language, of Kenya, Africa.

Can sometimes, also ref. to the Nile (River) [+ of]. cf. *Ansellia gigantea* var. *nilotica* (Baker) Summerh. syn. *Ansellia africana*.

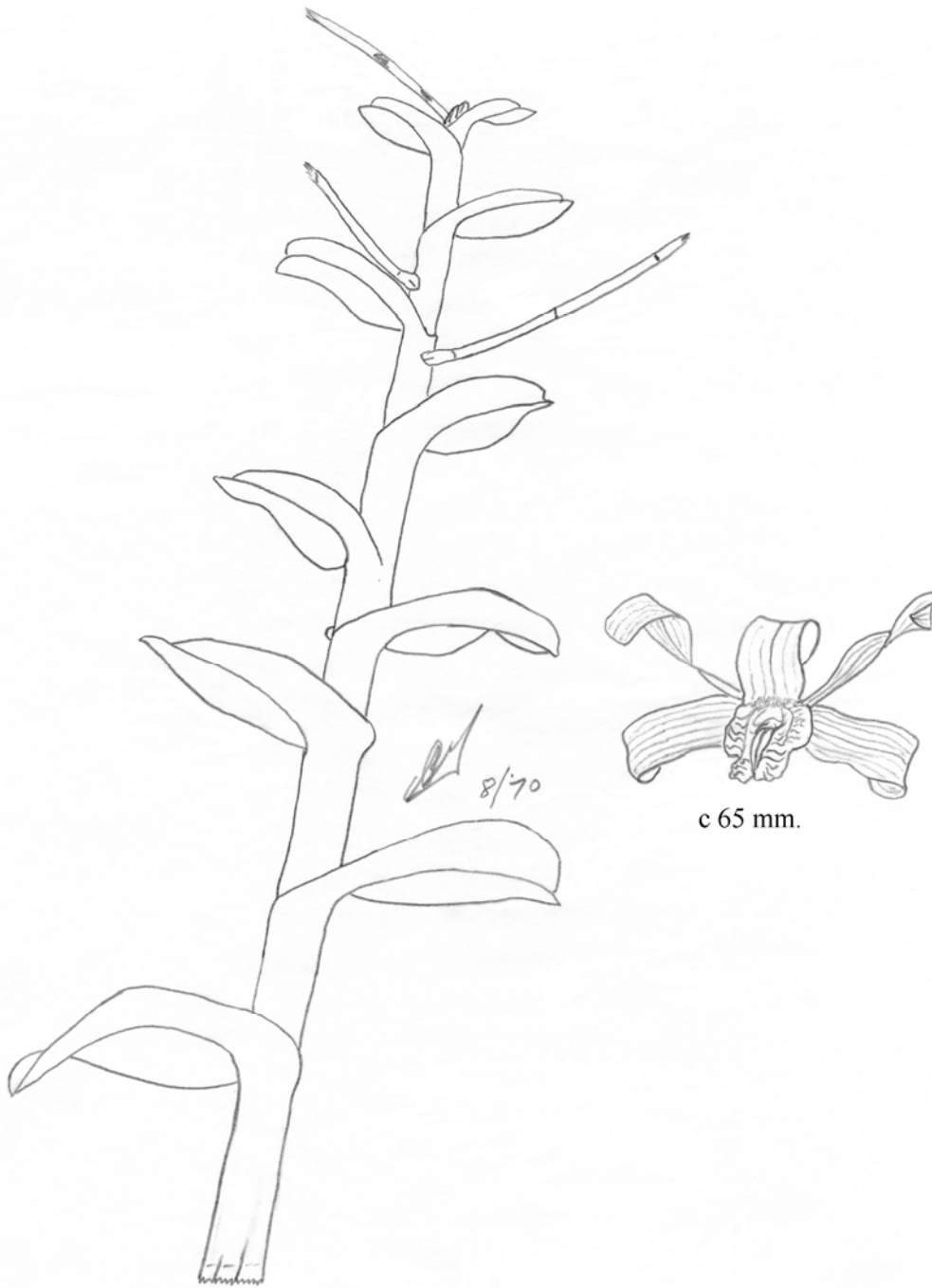
niloticum: as *nilotica*. cf. *Satyrium niloticum* Rendle 1895. syn. *S. crassicaule*.

nilssonii: for botanist and author, Orjan Eric Gustaf Nilsson (b1933). ex Venezuela, cf. *Habenaria nilssonii* Foldvats 1961.

nimum: ref. *nimius*: excessive; too much. cf. *Dendrobium nimum*.

nindii: listed for orig.coll. P.H.Nind, ex Qld., Aust. cf. *Dendrobium nindii* W.Hill 1874. Pers.coll., ex PM.PNG., see sketch and notes.

Dendrobium nindii W.Hill.



Dendrobium nindii W.Hill.

First found it ex Eilogo Estate, PM.PNG. 4'70. Most ref. sources say: found in coastal swampy country, but we only ever found it in the mtns. and nowhere near a swamp. Not common, always as solitary plants and I was told it was *Dendrobium ionoglossum* (which I have learned, much later: violet + tongue). Soon after, I noted the one from Qld., Aust. was called *D. tofftii* and I could never find out which was right. Turns out, both are wrong and its "correct name" is *D. nindii* (see main listing).

This one differed from the usual descriptions, with the stems (some to 6'6": 2m.), strong and slender, a dark chocolate-brown with a purplish sheen and plenty of leaves. The floral segments were a delicate coral-pink (instead of "white"), with many darker pink veins and the lip (almost circular, when flattened), deep violet with darker veins. It grew on an older rubber tree in fairly open conditions and was obviously happy in the environment. Extremely beautiful and spectacular, it got pride of place in my bush-house and wasn't upset by moving to sea-level.

The only problem I ever had with this one was with a particularly dreadful moth, which seemed to single out many of my (most beautiful) species, especially those with the flowers close to opening. It was a constant battle, as the moth lays its eggs where they can't be seen, the larvae hatch in the early evening and the raceme is completely destroyed by next morning. I was heartbroken when it happened to my *D. nindii*, as this species was completely new (to me). All I knew was, it was "different" and by the flower buds, they were going to be something special. I learned (by trial and error), you don't have to swamp your plants every day with insecticide, as the grubs were only interested in the racemes. As soon as I saw a raceme forming, then I'd spray them. Now chew on 'em you rotten little sods!

niobe: another for "beauty". Ref. Gk.myth., Niobe: the beautiful daughter of King Tantalus. To cut a long story short, a vengeful god had her seven sons and seven daughters slain, so she couldn't stop weeping with grief. The "gods" then changed her into a rocky cliff with a waterfall. cf. *Cypripedium* x *niobe* Rolfe.

niphas: snowflake. cf. *Lepanthes niphas*.

niphopedium: snow (as, "white") + small foot (or, ref. *pedion*: an ankle ornament; anklet?). cf. *Prasophyllum niphopedium*. Noted as endemic to Vic., Aust.

nipponica: Lat'd. spelling for place name, *Nippon*: the Japanese name for Japan (+ belonging to). cf. *Nervilia nipponica* Makino 1909. + See next entry.

nipponica: see last entry. This one is noted as endemic to **Taiwan*** and yet the author called it *nipponica* (perhaps, because the orig.coll. was Japanese?). *Listed as ex Lan-yü island, east of the sthn. tip of Taiwan. cf. *Hylophila nipponica* (Fukuy.) T.P.Lin 1977.

nipponicum: belonging to Japan, see *nipponica*. cf. *Cymbidium nipponicum* (Franch. & Savat.) Rolfe 1895. syn. *Cymbidium macrorhizon*.

Nipponorchis: Masam.1934: *Nippon*: Japan + orchid. eg. *Nipponorchis falcata*. syn. *Neofinetia falcata*.

nipterophylla: ref. *nipter*: wash-bowl; basin, etc.+ leaf. cf. *Pleurothallis nipterophylla*.

nitens: shining. cf. *Epidendrum nitens*.

nitida: see *nitidus*. Ref. the shiny leaves. cf. *Palmorchis nitida*.

nitidicauda: see *nitidus* + tail. Has to be for the raceme (perhaps, with light reflecting from the flowers). I don't know of anything else (obvious), on an *Oberonia*, that could be likened to a tail. cf. *Oberonia nitidicauda*.

nitidicolle: shiny + neck; collar. cf. *Diplocaulobium nitidicolle*.

nitidiflorum: shiny + flower. cf. *Dendrobium nitidiflorum*.

nitidifolia: shiny + leaf. cf. *Orchis patens* ssp. *nitidifolia*.

nitidissima: as *nitidissimum*. cf. *Callista nitidissima*. syn. *Diplocaulobium nitidissimum*.

nitidissimum: see *nitidus* + emphatic suffix: very, etc. cf. *Diplocaulobium nitidissimum*.

nitidula: ref. *nitidulus*, which is noted as the dimin. of *nitidus*, see later entry (: slightly shiny?) and/or see *nitidulus* (?). cf. *Maxillaria nitidula*.

nitidulus: descwd., neat; trim; dapper; spruce, etc. + See *nitidula*.

nitidum: see *nitidus*. cf. *Bulbophyllum nitidum*.

nitidus: shiny; bright; elegant; as if polished; neat. cf. *Ascochilus nitidus*.

nivale: as *nivalis*. cf. *Amitostigma nivale*. syn. *A. monanthum*.

nivalis: descwd.: of snow; snowy. Can also ref to a habitat: of places affected by snow. + See *niveus*: snow; snow-white + suffix, see *-ale*: of, etc.: mostly for a brilliant pure white.

nivalis: see *nivalis*. For the white of the flowers.cf. *Caladenia nivalis*. Noted as endemic to s.west Aust.

nivea: see *niveus*, *nivalis*. cf. *Ceratostylis nivea*.

niveoglobula: snow (-white) + small globe. cf. *Pleurothallis niveoglobula*.

niveo-marginatum: see *niveus*: snow + margined. cf. *Cymbidium niveo-marginatum*. syn. *C. ensifolium*.

niveopurpureum; snow (-white) + purple. Flower has “white” segments and purple lip.
cf. *Dendrobium niveopurpureum*.

niveosulphureum: white + see sulphurous: a yellow. Flower is white with a “yellow” lip.
cf. *Bulbophyllum niveosulphureum*. syn. *B. colliferum*.

niveum: see *niveus*. The flower has a lot of “white”. cf. *Paphiopedilum niveum*.

niveus: of snow, + a colour term: white; white as snow; snowy. Listed as a pure brilliant white with the faintest tinge of blue.

niveus: see *niveus*. cf. *Peristylus niveus*. syn. *Platanthera nivea*.

nivosa: ref. *nivosus*: full of snow (: white). cf. *Eria nivosa*. syn. *E. pannea*.

nizandensis: for place name (+ from), only listed as ex Oaxaca, Mexico. cf. *Encyclia nizandensis* Pérez-García & Hágsater 2003.

njamnjamica: listed for place name (+ belonging to). Noted as ex the Central African Republic to Sudan and Zambia. cf. *Habenaria njamnjamica* Kraenzl. 1893.

njongense: listed for place name: from Njonge Creek, Finisterre Ranges, PNG. cf. *Dendrobium njongense* Schltr. 1912.

nobile: ref. *nobilis*: distinguished; excellent, etc. cf. *Dendrobium nobile*. A famous species, as a parent to many spectacular hybrids. + See notes at entry, keiki (“K”).

nobilior: one who is distinguished; famous; high-born, etc. cf. *Cattleya nobilior*.

nobilis: as *nobile*. cf. *Caladenia nobilis*. Noted as endemic to s.west Aust.

nobilius: as *nobile* + dimin. cf. *Dendrobium nobile* var. *nobilius*. syn. *D. nobile*.

nocturna: ref. *nocturnus*, see nocturnal. Listed as ref. the perfume, stronger at night. cf. *Amphiglottis nocturna*. syn. *Epidendrum nocturnum*.

nocturnal: of the night; active during the night. Anything to do with night-time.

nocturnum: as *nocturna*. Noted it refs. to the perfume, being much stronger at night. cf. *Epidendrum nocturnum*.

nocturnus: nocturnal. cf. *Phaedrosanthus nocturnus*.

nodatum: see node + like; having. cf. *Dendrobium nodatum*. syn. *D. aphrodite*.

node: ref. *nodus*: a knot; node; joint. Resembles a slightly uneven join, or fine seam on stems, pseudobulbs, rhizomes, etc., from which arise other organs, eg. leaves, bracts, inflos., etc. Many can be unproductive and some have other functions, such as producing adventitious roots, or aerial growths (see keiki). The axis of a raceme can also have nodes and are usually bracted. + See internode.

nodosa: see nodose. cf. *Brassavola nodosa*.

nodose: ref. *nodosus*: full of knots; knotty. + Node-like; with many, or having obvious nodes. + See node; internode.

nodosum: see nodose. Ref. the thick nodose rhizome. cf. *Bulbophyllum nodosum*.

nodule: ref. *nodulus*: a small knot; knob; swelling. + Can ref. to a small turgid section of a root or rhizome, esp. of some terrestrials. Noted from a discussion, the stolons (see “S”) ref. to as “nodular”.

nodulifera: see nodule + bearing. cf. *Trisetella nodulifera*.

nodusus: see nodose. cf. *Papiliopsis nodusus*. syn. *Oncidium kramerianum*.

noeanum: cf. *Bulbophyllum noeanum* Kerr 1927*, ex Thai. Listed as named for one of his valued local assistants, Noe Suphaphand (+ belonging to). *syn. *B. farinulentum*.

noesae: phonetic (?) and Lat'd. spelling, for place name: of Nusa Kambangan (island), Java. cf. *Diplocaulobium noesae* (J.J.Sm.) J.B.Comber 1990.

noezliana: listed for orig.coll., John (Jean?) Noezl (+ belonging to). ex nthn. Peru, cf. *Cochlioda noezliana* (Mast.) Rolfe 1890.

noezlianum: see *noezliana*. ex Peru, cf. *Odontoglossum noezlianum* Mast.1890. syn. *Cochlioda noezliana*.

nokoensis: for place name (+ from). This species is only noted as endemic to Taiwan. cf. *Liparis nokoensis* Fukuy. syn. *L. nakaharai* Hayata 1911.

nom.cons.: listed as an abbr. for: *nomen conservandum* (*nomen*: name + *conservandum*: saved; kept; preserved), sometimes seen in listings. eg. A taxon was found to be illegitimate, as it was preceded by another correct, or legitimate name, which complied with the rules of the ICBN., but an International Botanical Congress decreed that the legitimate name would be synonymous to the other. A classic example is *Dendrobium* Sw.1799, which should be known as *Callista* Lour.1790. Because *Dendrobium* was so well known, was so widely accepted and to change the name would cause indescribable chaos to records, literature etc., it became a "nom.cons."

nom de plume: Orig. ex French and lit.trans.: name of quill (pen), "pen-name". In literature, an author prefers to be known by an assumed name.

nomenclature: the vocabulary of a science. + A system of naming, eg. Botanical nomenclature.

nomen dubium: Lat. phrase seen in discussions: dubious name. Often abbr. to: **nom.dub.**. It means there could be some controversy, as to the validity of a name.

nomen nudum: name + naked; bare. A Lat. phrase, often abbr. to: **nom.nud.**. Sometimes seen in references, means: a name was published without a description and protologue, so it's illegitimate. Similar to "nom. rej." and/or "ined."

nomen tantum: Lat. phrase: name + only; merely. Was in a listing and I have never found any definition for it. Can only presume that a generic name was given without any formal attempt to describe and publish it (: the same as *nomen nudum*?).

nom. illeg.: seen in listings: illegal, or illegitimate name (by the rules of the ICBN.).

nom.rej.: listed as an abbr. for Lat. phrase: *nomen rejiciendum* (*nomen*: name + ref. *reiectaneus*: to be rejected). The name was rejected as it didn't comply with the rules of the ICBN.

non: ex Latin (and French): not, no. Often seen in discussions and listings, eg. "... J.J.Sm. **non** Schltr.": J.J.Smith (was the author), **not** Schlechter.

nonchinense: as *nonchinensis*. cf. *Epidendrum nonchinense* Rchb.f.1862. syn. *Barkeria obovata*. + See *chinense*, *chinensis* and comment next entry.

nonchinensis: lit., not from China, or maybe he meant it's **not** "*chinense*". cf. *Barkeria nonchinensis* (Lindley) Schltr.1915. syn. *B. obovata*. Noted that neither are actually from China, this was a ploy by devious collectors and growers to conceal the true location to, maintain their exclusiveness. + See mercenaries, *chinense*.

nonproliferating: unproductive.

nonresupinata: non-resupinate, see next entry. cf. *Stelis nonresupinata*.

non-resupinate: the flowers do not twist, so the labellum faces, or points upwards. + See resupinate.

nontecta: not + covered; roofed, etc.(see *tectum*). cf. *Lepanthes nontecta*.

norae: listed for Mrs.Nora (Ellenora?) Dunsterville, orchidist, author and authoritative collector. Wife of the famous orchidologist, G.C.K.Dunsterville (see *Dunstervillea*). ex nthn. Sth.America, cf. *Notylia norae* Garay 1958. syn. *Macroclinium mirabile*.

nordeniorum: listed for Austrian botanist, Dr.Norden (fl.1991) + suffix: of, belonging to. cf. *Epipactis nordeniorum* K.Robatsch.

norlindhii: listed for botanist and author, Nils Tycho Norlindh [+ of] (b1906). ex Trop.Africa, cf. *Eulophia norlindhii* Summerh.1937.

normal: In bot. terminology can most often mean, just: "green", as opp. to having other colours, or being variegated, etc. + See *normale*, which includes *normalis*.

normale: cf. *Dendrobium normale*. An extremely beautiful Indian species and definitely not "normal" (or, "green"), with large golden flowers. Ref. *norma*: a rule + suffix: relative to, or ref. *normalis*: according to rule. Listed as being for the very regular floral segments. syn. *Dendrobium fimbriatum*.

normalis: see *normale*. cf. *Callista normalis*. syn. *Dendrobium fimbriatum*.

normanii: listed for botanist and author, Cecil Norman (1872-1947). ex Mexico to the central Americas, cf. *Laelia x normanii* Kraenzl.

Norna: Wahlenb.1826. An oblique ref. to it being from "the north". Refs. to Norse myth., the Norns: the three Fates who decided the destiny of man. Revered as goddesses and believed to be sisters. Past: *Urd*; Present: *Verdandi*; Future: *Skuld*. syn.: *Calypso* Salisb.

noroma: reported as a local name for the plant in the Mendi area, near Mt.Hagen, central PNG. cf. *Glossorhyncha noroma* P.Royen 1979 (syn.).

norops: shining; gleaming; bright. cf. *Masdevallia norops*.

nortonii: listed for orig.coll., James Norton (1824-1906), noted collector and authority on the flora of NSW. cf. *Adenochilus nortonii* Fitzg.1876. Noted as endemic to NSW., Aust. + See next entry.

nortonii: for botanist and author, John Bitting Smith Norton (1872-1966). ex Venezuela, cf. *Pleurothallis nortonii* Luer. syn. *P. humilis*.

nosferatu: a fanciful epithet, probably just to compliment the genus. It's from a film classic, an unauthorized adaption of Bram Stoker's novel "Dracula" entitled *Nosferatu, eine Symphonie des Grauens* ("Nosferatu, a Symphony of Horror." 1922). cf. *Dracula nosferatu* Luer & R.Escobar 1989. + Of interest, see *lucifer*.

nossax: ref. *nossakos*; *nossax*: chick; cockerel. cf. *Pleurothallis nossax*.

notabile: ref. *notabilis*: notable; remarkable, etc. cf. *Thrixspermum notabile*. syn. *T. acuminatissimum*.

notabilis: as *notabile*. cf. *Habenaria notabilis*.

notabilipetalum: remarkable + petals. Probably for the paleae (see "P"). cf. *Bulbophyllum notabilipetalum*.

notata: ref. *notatus*: marked (as, with spots; blotches; stains, etc.). cf. *Cranichis notata*.

Notheria: P.O'Byrne & J.J.Verm.2000: a contraction of *nothos*: false, etc.+ *Eria*. eg. *Notheria diaphana*. Listed as monotypic in Sulawesi, Philipp.

notho-: is from *nothos*: false; counterfeit; bogus; bastard, etc., used with combination words (my abbr.: combwds.). + See next entry.

notho-: only recently adopted into Botany (and other sciences?) to indicate a cross, or hybrid. eg., See *nothogenus*, etc.

Nothodoritis: Z.H.Tsi 1989: ref. *nothos*: false + *Doritis*. eg. *Nothodoritis zhejiangensis*. Listed as monotypic in east Zhejiang Prov., China.

nothofageti: is listed as ref. to *Nothofagus*. See *notho-*: bogus; false, etc. + ref. *fagus*: beech (tree, of the family: *Fagaceae*). Fairly common trees and could be this species prefers it as a host (?). cf. *Dendrobium nothofageti*.

nothofagicola: ref. *Nothofagus*, commonly: false beech (tree) + resident; dweller. cf. *Dendrobium nothofagicola*. + See next entry.

nothofagicola: cf. *Arthrochilus huntianus* ssp.*nothofagicola* D.L.Jones 1998, ex Tas., Aust.

Did another entry as the name for this species had me intrigued. How can a terrestrial be a "resident" of a "false beech-tree"? Haven't read about this one, but have noted where other terrestrials have been found growing on trees (see entries: *epiphytica* and *dendrophila*), perhaps this is a same circumstance. It's also possible this species may prefer to grow **under**, or in the immediate vicinity of these trees (?). I should ring Mr.Jones (the author) and ask him. Just after I first started on my "Vocabulary", I 'phoned to ask his opinion and if this work had been done before. Very approachable and helpful, he said "...not in the detail that you are speaking of. But, I hope you realise what you're getting into, it could take you many years. However, if you think you can do it...go for it!" (How right you were!, at this moment it's c10yrs. later, I am on this full-time and so far have amassed c20,000 entries. I still have a long way to go and yet, really do not want it to end.) He would have to be an extremely busy man, but without hesitation he gave me the time and the encouragement I needed. I hope we can meet someday, so I can thank him personally.

nothogenus: see *notho+* genus. The rank given to a cross, or hybrid, of two or more genera. To denote this, a multiplication sign (x) is placed **before** the new generic name. eg. x *Dactylodenia varia*, listed as a cross of *Dactylorhiza* x *Gymnadenia*.

nothospecies: see *notho+* species. The rank given to a cross, or hybrid, of two, or more species within the same genus. To denote this, a multiplication sign (x) is placed **between** the genus and the specific epithet (my abbr.: specep). eg. *Dendrobium* x *intermedium* (see this entry for the parents).

Nothostele: Garay 1982: false + see *stele*: column, etc. eg. *Nothostele acianthiformis*. Listed as monotypic in s.east Brazil.

nothosubsp.: an abbr., see *notho+* subspecies.: Where a cross, or hybrid (of a *nothospecies*) has deviated sufficiently to warrant the rank of subspecies. eg. *Dactylorhiza* x *hallii* *nothosubsp.hallii*

nothovar.: an abbr., see notho-+ variety. Where a cross, or hybrid (of a nothospecies) has deviated sufficiently to warrant the rank of variety (which is abbr. to: var.). eg. *Dactylorhiza x aschersoniana* nothovar.*uliginosa*.

notialis: is listed as the one word: of the south; southern. cf. *Cheirostylis notialis*.

Notiophrys: Lindley 1857: *noti-*, ref. (prefix) *noto-*: of the south + *Ophrys*: an *Ophrys* from the south. syn. *Platylepis* A.Rich.

x *Notylettia*: auct. On the syn. list, cf. *Comparettia* x *Notylia*.

Notylia: Lindley 1825, ref. *noton*: back + see *tyle*: a swelling; callus; knob. Noted as ref. the column. ex Guyana, eg. *Notylia micrantha*.

x *Notylidium*: auct. On the syn. list, cf. *Notylia* x *Oncidium*.

Notyliinae: *Notylia* + suffix denotes it's a subtribe.

notylioglossa: ref. *noton*: back + see *tyle*: callus, etc. + tongue. Has a callus at the base (: the "back") of the lip. cf. *Maxillaria notylioglossa*.

Notyliopsis: P.Ortiz 1996: *Notylia* + appearance. eg. *Notyliopsis beatricis*. Listed as monotypic in Colombia.

x *Notylopsis*: auct. On the syn. list, cf. *Ionopsis* x *Notylia*.

nouhuysii: listed for Captain J.W.van Nouhuys, Royal Dutch Navy. An official botanical investigator, was with the 2nd Lorentz (see *lorentziana*) Expedition to Mt.Wilhelmina, Oranje Mtns., Papua, Indon. 1909-'10 (+ see *vannouhuysii*). cf. *Dendrobium vannouhuysii* var. *nouhuysii* J.J.Sm.

novaeebudae: Lat'd. spelling for place name: of the New Hebrides (+ see *neo-ebudantum*). cf. *Eulophia novaeebudae* Kraenzl. syn. *E. pulchra*.

novae-hiberniae: Lat'd.spelling for place name: of New Ireland (+ see *neohibernica*), PNG. cf. *Bulbophyllum novae-hiberniae* Schltr.1905.

novaehiberniae: as *novae-hiberniae*. cf. *Dendrobium novaehiberniae* Kraenzl.1894. syn. *D. bracteosum*. Pers.coll., see *bracteosum*.

novaescotiae: of Nova Scotia. cf. *Spiranthes casei* var.*novaescotiae* Catling 1981.

novaesii: listed for botanist, José de Campos Novaes (+ of). ex Brazil, cf. *Habenaria novaesii* Edwall & Hoehne 1937.

novae-zelandiae: Lat'd. spelling: of, or belonging to New Zealand. cf. *Spiranthes novae-zelandiae* Hook.f.1852. syn. *S. sinensis*. + See *sinensis*.

novaguineensis: Lat'd. spelling for place name: from New Guinea. cf. *Vrydagzenia novaguineensis* J.J.Sm.1908.

novahiberniae: as *novaehiberniae*. cf. *Bulbophyllum novahiberniae* Schltr.

nova-zealandiae: Lat'd. spelling for place name: of New Zealand. cf. *Diuris nova-zealandiae* A.Rich.1832. syn. *Orthoceras strictum*.

novembrilis: of November (the month). cf. *Goodyera novembrilis* (Rchb.f.) Ormerod 1996.

novemfida: *novem* + *fida*: nine + divisions. Ref. the deeply divided lip and petals. cf. *Habenaria novemfida*.

novoebudae: Lat'd. for place name: of the New Hebrides. cf. *Eulophia novoebudae* Kraenzl.1929. syn. *E. pulchra*.

novoebudarum: belonging to the New Hebrides. cf. *Peristylus novoebudarum* F.Muell.1873.

novofriburgense: as *novofriburgensis*. cf. *Stenorrhynchos novofriburgense* Rchb.f.1849. syn. *Pelexia novofriburgensis*.

novofriburgensis: Lat'd. spelling for place name: from Nova Friburgo city, central Rio de Janeiro state, Brazil. cf. *Pelexia novofriburgensis* (Rchb.f.) Garay 1982.

novogaliciana: listed for place name, ex Jalisco state, central westn. Mexico. It translates as, *novo-*: new + *Galic*ia (: a region of n.west Spain) + belonging to. cf. *Stanhopea novogaliciana* S.Rosillo 1984.

novogranatense: listed as Lat'd. spelling for place name: from New Granada (now, Colombia). cf. *Epidendrum novogranatense* Rchb.f.1854. syn. *E. secundum*.

novoguineensis: Lat'd. spelling for place name: from New Guinea. cf. *Pterostylis novoguineensis* Ridl.1916. syn. *P. papuana* (see *Papuaea*).

nov.sp.: often seen in listings after a generic name. Lat. abbr. for: new species.

nox-media: *nox*: night + ref. *medius*: middle. ex Colombia, cf. *Pleurothallis nox-media* Luer & R.Escobar 1998.

nubensis: for place name (+ from), only listed as ex French Guiana, and/or Venezuela, cf. *Pleurothallis nubensis* Foldats 1968.

nubigena: ref. *nubilis*: ripe; mature; ready for marriage +-*gena*: kind, etc. Refs. to the expanded, open flowers, alluding to invite pollination. cf. *Dendrobium nubigena*.

nubigenum: I was going to say, it's the same as *nubigena* (which it can be) but noted this one comes from alpine regions. So, it's possibly: ref. *nubes*: cloud +-*genum*: born; kind (? for its high altitude habitat). cf. *Bulbophyllum nubigenum*.

nubilis: descwd.: *nubile*; ready for marriage; ripe; mature.

nubilus: cloudy, as a vague colour term: a darker bluish-grey. Noted one major ref. says: veiled. Many orchids are ref. to as having a veil, usually: a thin membraneous hood-like part, or organ, partially concealing another part. Can also mean: variegated, for the intermingling (cloudiness) of colours.

nubinatum: one major ref. lists this to mean: of clouds, for its high altitude habitat. cf. *Bulbophyllum nubinatum*.

nubis: cloud; veil; gloom. cf. *Stelis nubis*.

nubium: ref. *nubes*: cloud; veil + suffix can mean: small, or characteristic of (?). For more confusion, the type is listed to be from Las **Nubes**, Guatemala. cf. *Epidendrum nubium* Rchb.f.1866.

nublingii: listed for orig.coll., Erwin Nubling (1876-1953), German born botanist and authoritative collector. cf. *Prasophyllum nublingii* R.S.Rogers 1927. Noted as endemic to NSW., Aust.

nuda: see *nudi-*. Ref. column apex is devoid of hairs. cf. *Thelymitra nuda*. Noted as endemic to eastn. Aust.

nudi-: used in combwds., ref. *nudus*: naked; bare; unadorned; plain; without, etc.

nudicaulis: see *nudi-*+ stem; stalk. cf. *Eria nudicaulis*. syn. *E. ovata* var.*retroflexa*.

nudifolia: see *nudi-*+ leaf. This one is naked, because it doesn't have leaves, but does have leaf-like bracts. cf. *Galeola nudifolia*.

nudilabia: see *nudi-*+ lip. cf. *Cranichis nudilabia*.

nudiscapum: see *nudi*-+ scape: flower stem part. Here, *nudi*- means without, as it doesn't have a scape. By the description, the flowers arise immediately at the lamina. cf. *Genoplesium nudiscapum*. Noted as endemic to eastn. Aust.

nudum: bare; naked. Refs. to the lip, being without hairs. Listed as ex NZ. and Aust. cf. *Genoplesium nudum*.

nudus: see *nudi*-.cf. *Adactylus nudus*. (The genus, *Adactylus* trans. as: without + digit; finger). syn. *Apostasia nuda*.

nugentiae: the suffix is feminine and it's listed for orig.coll., Ms.Nugent (authors differ, listing the lady as either J.L., or L.J.Nugent?). + See *nugentii*, not sure of the relationship. cf. *Liparis nugentiae* F.M.Bailey 1896. Noted as endemic to nth. Qld., Aust.

nugentii: listed for orig.coll., Mr.Nugent (T.L., L.J., or J.L.?, different books: different initials. The consensus seems to be: L.J.). cf. *Dendrobium linguiforme* var. *nugentii* F.M.Bailey 1902. Noted as endemic to nth.Qld., Aust.

nulla: ref. *nullus*: nobody; nothing. cf. *Lepanthes nulla*.

numa: was going to pass on this, but as it was named by Dr.Rolfe it could infer it's a "king". Ref. the legendary 2nd king of Rome: Numa Pompilius. Also, *numa* is a fairly well-known African word for a lion (: "king" of the beasts). cf. *Cypripedium* x *numa* Rolfe. Listed among the synonyms, with no further info., except it's a *Paphiopedilum* hybrid.

numenius: ref. *Numenius*: a genus of birds, inc. the whimbrel and curlew of the sandpiper family. cf. *Ornithocephalus numenius* (*Ornithocephalus*: bird head).

numida: ref. *Numida*, a genus of birds, commonly: Guinea fowl (family: *Phasianidae*, and/or *Numididae*). Obviously, the author saw some superficial likeness, possibly to a beak, as see the "correct name". cf. *Ophrys numida*. syn. *O. sicula* (: small dagger).

nummiana: may be for a person's name (+ belonging to). Also, from the given locations, noted a city, town and a village, called Nummi, in Finland (?). cf. *Dactylorhiza* x *hallii* nothosubsp.*nummiana* (P.Fourn.) Gathoye & D.Tyteca 1994.

nummularia: like a small coin. Ref. *nummus*: small coin + see -are: like, of, etc. cf. *Dendrobium nummularia*.

nummularioides: of a small coin + resembling (see *nummularia* + -oides). Ref. the flat rounded pseudobulbs. cf. *Bulbophyllum nummularioides*.

nummulifolium: coin + small + leaf. cf. *Dendrobium nummulifolium*. syn. *Bulbophyllum minutissimum*.

nuphyllis: can only speculate, ref. *nu*: 13th. letter of the Gk. alphabet, like our capital "M" + leaf. Perhaps a leaf has a deep "V" at the end, but this author, surely would have used some form of "emarginate". Also possible, the "nu-" may be a contraction of *nutans* (see the "correct name") + leaf (?). cf. *Phyllorkis nuphyllis* Thouars 1819. syn. *Bulbophyllum nutans*.

nuriense: for place name (+ from), only listed as ex Venezuela. cf. *Epidendrum nuriense* Carnevali & Hågsater 1992.

nuriensis: as *nuriense*. cf. *Maxillaria nuriensis* Carnevali & I.Ramirez 1993.

nurrica: listed for place name: belonging to Nurri, a town of Nuoro (admin.division), sthn. central Sardinia Island (Italy). cf. *Serapias nurrica* Corrias 1982.

nuruanum: for place name: of the Nuru River, runs into Astrolabe Bay, near Madang, PNG. cf. *Bulbophyllum nuruanum* Schltr.1905. syn. *B. membranceum*.

nutans: see nutant. Ref. the raceme. cf. *Phreatia nutans*. Noted as endemic to Papua, Indon.

nutant: ref. *nutans*: nodding; drooping. Upright and then loosely pendent.

Nutantes: those being nutant, see nutant.= *Eria* section. syn. *Eria* section *Cylindrolobus* (?).

nutanticaulis: nutant + stem; stalk. cf. *Lepanthes nutanticaulis*.

nutantiflora: see nutant + flower. cf. *Stelis nutantiflora*. syn. *Stelis despectans* (: looking down, similar to nutant).

nutantiflorum: nutant + flower. cf. *Camaridium nutantiflorum*.

nutantiflorus: nutant + flower. cf. *Cyclopogon nutantiflorus*. syn. *Microthelys nutantiflora*.

nutantirhachis: nutant + rachis: flower stem part. cf. *Epidendrum nutantirhachis*.

nutibara: refs. to Nutibara (village), Antioquia Department, Colombia. cf. *Porroglossum nutibara* Luer & R.Escobar 1987.

nuttallii: for phytologist and author, Thomas Nuttall (1786-1859). Descs. accr. to him are abbr. to: Nutt. ex sthn. USA. to Sth.America, cf. *Habenaria nuttallii* Small 1903. syn. *H. repens*.

nuwebergensis: for place name (+ from) listed as ex Cape Prov., South Africa. Noted as a natcross, cf. *Disa* x *nuwebergensis* H.P.Linder 1990.

nyanzensis: from Nyanza. This species is listed as ex Uganda, so has to ref. to Lake Victoria (aka. Victoria **Nyanza**), and/or refs. to **Nyanza** Prov.(has the lake as a coastline). cf. *Polystachya nyanzensis* Rendle 1905.

nyasae: listed for an ethnic group of people in Africa: of the Nyasa (mostly of Tanzania and with some in Mozambique). Also is sometimes used for the people of Malawi. + See *nyassanum*. cf. *Eulophia nyasae* Rendle 1894.

nyassana: as *nyassanum*. cf. *Disa nyassana* Schltr.1915. syn. *D. zombica*.

nyassanum: for place name: Lake Malawi (aka. Lake Nyasa, or Lake **Nyassa** + belonging to), s.east Africa . cf. *Centrostigma nyassanum* Schltr.1915. syn. *C. occultans*.

nyassense: as *nyassanum* (with a different suffix: from). cf. *Satyrium nyassense* Kraenzl.1900. syn. *S. buchananii* Schltr.1897.

Nychosma: Raf.1836: a contraction of *nychos*: night + *osme*: smell; perfume. syn. *Epidendrum*. (Probably ref.: *Epidendrum nocturnum*).

nyct-: used in compwds., ref. *nyktos* (+ *nychos*): night. Anything to do with night (-time). Can also infer: very dark; dark grey.

nycteridoglossum: night + like + tongue, which implies: it's very dark. Or, could be, ref. *nycteridos*: a bat + tongue (for the shape?). cf. *Dendrobium nycteridoglossum*.

nycterina: night + see -*ina*: like; of, etc. (has a very dark flower?). cf. *Dracula nycterina*.

nycteris: of, or at night. cf. *Lepanthes nycteris*.

Nyctosma: Raf.1837: night + smell (+ see *Nychosma*). syn. *Epidendrum* L.

nyikana: of, or belonging to the Nyika Plateau (now, a N.Park), Malawi, Africa. cf.

Habenaria nyikana Rchb.f.1881.

nyikensis: see *nyikana* (+ different suffix: from, etc.). cf. *Disa nyikensis* H.P.Linder 1981.

nymaniana: for orig.coll., botanist and author, Carl Fredrik Nyman (1820-1893). Noted as ex PNG., cf. *Habenaria nymaniana* (Kraenzl.) Schltr. syn. *Peristylus nymanianus*.

nymanianus: as *nymaniana*. ex New Guinea, cf. *Peristylus nymanianus* Kraenzl.1905.

nymph: ref. *nymphē*, *nympha*, can mean: a young lady, or bride. Mostly, authors are alluding to a plant and flower(s) as being likened to a small, beautiful nymph; fairy; spirit; minor goddess and throughout this text are many refs to a nymph. Also, see dryad, oread, etc.

Nymphaea: noted from a general discussion, as: "... the same as *Nymphaea*." Of course it wasn't in the glossary. They are a family of water-plants, which inc. the water-lily, etc. See nymph (in this case: water-nymphs).

nymphalis: nymph-like. cf. *Lepanthes nymphalis*.

nymphenburgianum: for place name (+ belonging to). Listed as ex Java and the Lesser Sunda Islands, haven't any ref. and is possibly one of those named for where it flowered in cultivation (?). Ref. Nymphenburg, a suburb of Munich city, Bavaria, Germany. cf. *Paphiopedilum javanicum* var. *nymphenburgianum* Roeth & O.Gruss 1997. syn. *P. javanicum* (Reinw.ex Lindl.) Pfitzer 1888.

nymphopolitana: as *nymphopolitanum*. cf. *Maxillaria nymphopolitana*.

nymphopolitanum: *nympho*:- nymph; fairy, etc. + ref. *politus*: polished; refined (as: suave; urbane, etc. I like it, a "suave fairy") + suffix: of; relative, or belonging to. cf. *Bulbophyllum nymphopolitanum*.

nyungwensis: from Nyungwe Forest Reserve, west Rwanda, central Africa. cf. *Microcoelia nyungwensis* L.Jónss.1981.

Oakes-Amesia: C.Schweinf.& P.H.Allen 1948: for Prof.Oakes Ames (more, see *Amesiella*).
ex Panama, eg. *Oakes-Amesia cryptantha*. syn. *Ornithocephalus cryptanthus*.
oaxacana: belonging to Oaxaca state, Mexico. cf. *Spiranthes oaxacana* B.L.Rob.& Greenm.
syn. *Schiedeella diaphana*.
oaxacantum: as *oaxacana*. cf. *Epidendrum oaxacantum* Rolfe 1904.
ob-: used in combwds.: reversed; the other way around; opposite (as: turned around).+
Can be: toward; upon. eg., See later entries, as obconical, etc.
obaesa: ref. *obesus*: fat; stout; coarse. By the description, ref. the enlarged labellum base.
cf. *Ophrys obaesa*. syn. *O. fusca*.
obanense: as *obanensis*. cf. *Rhipidoglossum obanense* (Rendle) Summerh.1936.
obanensis: for place name: from Oban Hills, (now) of Cross River N.Park, Nigeria, westn.
Africa. cf. *Polystachya obanensis* Rendle 1913.
obconical: ref. *obconicus*. Having the shape of an inverted cone. ie. The narrow end at the
point of insertion. (+ Of interest, see turbinate).
obcordata: see obcordate. cf. *Brachycorythis obcordata*.
obcordate: see *ob-*+ cordate: having, or shaped like a reversed heart. ie. With the smaller
end at the point of insertion.
obcordatum: see obcordate. cf. *Dendrobium obcordatum*.
obcordilabium: see obcordate + lip. cf. *Trichocentrum obcordilabium*.
obcuneate: see *ob-*+ cuneate: having, or shaped like a reverse wedge, ie., the basal end
being the widest.
obcuneatum: as obcuneate. cf. *Dendrobium obcuneatum*. syn. *D. insigne*. Pers.coll., see
insigne.
Oberonia: Lindley 1830: of Oberon. The only Oberon I know of, is the myth. Oberon,
king of the fairies. Sure enough, its another of Prof. Lindley's fanciful names. eg.
Oberonia titania. Pers.coll., very common ex PM.PNG. + of interest, see *titania*.
oberonia: not because it resembled *Oberonia* in any way. Many authors liken orchids to
fairies, nymphs, little people, etc. and because this one is a "king" amongst them
(the flowers are very beautiful) hence: of Oberon, king of the fairies. cf.
Angraecum oberonia Finet.
oberoniiiflora: see *Oberonia* + flower, for some resemblance. cf. *Malaxis oberoniiiflora*.
Oberonioides: Szlach.1995. Refs. to the flowers, likened to those of an *Oberonia*. ex
Thailand, eg. *Oberonioides oberoniiiflora*. syn. *Malaxis oberoniiiflora*.
oberonioides: see *Oberonia* + resembling. cf. *Octarrhena oberonioides*.
obesa: ref. *obesus*: fat; stout; coarse; thick. cf. *Oberonia obesa*.
obesum: as *obesa*. Ref. the leaf. cf. *Bulbophyllum mutabile* var. *obesum*.
obfalcate: see *ob-*+ falcate: inversely sickle shaped, ie. the narrowed end at the point of
insertion.
oblanceolata: see oblanceolate. cf. *Liparis oblanceolata*.
oblanceolate: see *ob-*+ see lanceolate: having, or like a reversed lance-head shape.
oblanceolatum: as oblanceolate. Ref. the labellum. cf. *Bulbophyllum oblanceolatum*.
oblata: ref. *oblatus*: brought forward; offered. Can also mean: spheroid; depressed at the
poles (like the earth). cf. *Listera oblata*.

oblatum: as *oblata*. cf. *Paphiopedilum micranthum* var. *oblatum*. syn. *P. micranthum*.

obliqua: see oblique. Ref. the leaves. cf. *Cadetia obliqua*. syn. *C. collina*.

oblique: ref. *obliquus*: erect and slanting sideways; oblique. Not symmetrical at the base, or not at a right angle.

obliquifolium: oblique + leaf. cf. *Epidendrum obliquifolium*.

obliquiloba: oblique + lobe. cf. *Lepanthes obliquiloba*.

obliquipetala: oblique + petals. cf. *Lepanthopsis obliquipetala*.

obliquirostris: oblique + beak (+ see rostrum). cf. *Camarotis obliquirostris*. syn. *Micropera mannii*.

obliquum: see oblique. Ref. the tepals. cf. *Dendrobium obliquum*. syn. *Cadetia collina*.

obliquus: see oblique. cf. *Gastrochilus obliquus*.

obliterata (+ also noted it as *oblitterata*): ref. *oblitterato*: to blot out; cancel; erase. But more likely, see *obliteratus*. + Note the spelling, seems it can have either one, or two t's. cf. *Eria obliterata*.

obliteratus: looks familiar, but not as in English. Descwd.: very poorly developed; rudimentary.

oblong: as in English: like the geometrical shape. Having moderately elongate, more or less, parallel sides and blunt at each end.

oblonga: ref. *oblongus*: oblong. cf. *Microtis oblonga*. Noted as endemic to s.east Aust.

oblongata: as *oblongatum*. cf. *Encyclia oblongata*. syn. *E. pyriformis*.

oblongatum: oblong + like; having. cf. *Oncidium oblongatum*. syn. *O. pelicanum*.

oblongialpicola: oblong + alpine + dweller. cf. *Epidendrum oblongialpicola*.

oblongicallosa: oblong + see callose, callus. cf. *Lockhartia oblongicallosa*.

oblongifolia: oblong + leaf. cf. *Hetaeria oblongifolia*. Pers.coll., common ex PM.PNG.

oblongifolium: oblong + leaf. cf. *Angraecum oblongifolium*.

oblongifolius: oblong + leaf. cf. *Cryptophoranthus oblongifolius*. syn. *Zootrophion oblongifolium*.

oblongimentum: oblong + see mentum: chin (or, see -mentum?). cf. *Dendrobium oblongimentum*.

oblongisepala: oblong + sepal. cf. *Trichoglottis oblongisepala*. syn. *T. rosea*.

oblongisepalum: oblong + sepal. cf. *Cleisostoma oblongisepalum*. syn. *Trichoglottis rosea*.

oblong-quadrate: was in a general discussion and stopped me cold, as it's not possible!

It meant it can be either, ie. vary in shape, from oblong to (more, or less) square.

oblong-turbinate: was in a general discussion. Separate they're OK., see oblong + see turbinate. It had to mean: the shape can vary from oblong through to turbinate.

oblongum: oblong. cf. *Taeniophyllum oblongum*.

oblongus: oblong. cf. *Acianthus oblongus*. syn. *Cyrtostylis reniformis*.

obovalis: ob-+ oval + see -ale: like, etc., see obovate. cf. *Brachycorythis obovalis*.

obovata: see obovate. Ref. the labellum lamina. cf. *Glomera obovata*.

obovate: see ob-+ ovate: tapering to both rounded ends, about 1 1/2 times as long, as broad and widest above the middle. Having the shape of an egg, with the narrower end at the point of insertion.

obovatifolium: obovate + leaf. cf. *Bulbophyllum obovatifolium*.

obovatifetala: obovate + petals. + See *obovatifetalum*. cf. *Dichaea obovatipetala*.

obovatifetalum: obovate + petals. Or, could be ref.-petalum, which makes the specep.: broadly obovate (?). cf. *Epidendrum obovatipetalum*.

obovatum: see obovate. Ref. the labellum. cf. *Prasophyllum obovatum*. Noted as endemic to NSW., Aust.

obovatus: see obovate. cf. *Telipogon obovatus*.

obpandurata: see ob-+ pandurate: fiddle-shaped (like an "8"). Often, this figure is shown as smaller in the top half and this one is reversed. cf. *Tainia obpandurata*.

obpiribulbon: see ob-+ ref. *pirum*: a pear + bulb. A pseudobulb was likened to an upside-down pear. cf. *Prosthechea obpiribulbon*.

obpyriform: see ob-+ pyriform: (like) a reversed pear (shape). Any organ, or part that could be likened to an upside-down pear, ie. with the smaller end at the point of attachment.

obpyriformis: see obpyriform. cf. *Pleurothallis obpyriformis*.

obreniformis: reverse + kidney + shape. cf. *Didymoplexis obreniformis*.

obrieniana: as *obrienianum*. ex Brazil to Argentina, cf. *Cattleya obrieniana* Rolfe 1889. syn. *Cattleya loddigesii*.

obrienianum: initially I thought the man's name was Ian O'Brien (having no knowledge of the language). Listed for botanist and author, James O'Brien [+ belonging to] (1842-1930) of Harrow-on-the-Hill, Eng. cf. *Epidendrum x obrienianum* Rolfe 1888. Noted as the result of *E. evectum* x *E. radicans*, imported to Aust. ex Veitch's nursery, Eng., c1895. Some major refs. say that in Aust., it has the distinction of being a hybrid that's been so popular in home gardens, it is now feral and is inc. with the species (but it's not on the official list of species, also see naturalise). Commonly called the "crucifix orchid", alluding to the labellum shape. + See next entry.

obrienianum: listed for orig.coll., L.O'Brien (+ belonging to) who worked for Sander's nursery of St.Albans, Eng. ex Luzon. Philipp., cf. *Dendrobium obrienianum* Kraenzl.1892.

obrienianus: as last entry. cf. *Eurycaulis obrienianus*. syn. *Dendrobium obrienianum*.

obryzatoides: see *obryzatum* + resembling. Noted, the specep. infers that it was very much like *Oncidium obryzatum* and thought to be different. cf. *Oncidium obryzatoides*.

obryzatum: tried to translate this from Latin and it didn't make any sense! However it's Lat'd. Gk. and freely trans. as: like refined gold (for the flower colour). cf. *Oncidium obryzatum*. syn. *O. klotzscheanum*.

obscura: see *obscurus*. cf. *Macodes obscura*.

obscurans obscuring; hiding + see *obscurus*. cf. *Masdevallia obscurans*.

obscurata: obscured; hidden. cf. *Stelis obscurata*.

obscuraauriculatum: see *obscurus* + auriculate (; small eared). cf. *Dendrobium obscuraauriculatum*.

obscurviolacea: see *obscurus* + violet-like. cf. *Ceratostylis obscurviolacea*.

obscuriflorum: see *obscurus* + flower. cf. *Bulbophyllum obscuriflorum*.

obscurum: see *obscurus*. cf. *Eurycentrum obscurum*.

obscurus: descwd.: indistinct; obscure; almost totally hidden. Noted that with colours, can mean: dull; drab; dark.

obsoleta: see obsolete. cf. *Orchis obsoleta*. syn. *Dactylorhiza viridis* var. *virescens*.

obsolete: adapted ex *obsoletus*: decayed; worn out. Of an organ, or part reduced to being almost completely non-existent, or entirely absent.

obsoletum: see obsolete. cf. *Oncidium obsoletum*. syn. *Trichocentrum carthagenense*.

obsoletus: see obsolete. cf. *Peristylus obsoletus*. syn. *Coeloglossum viride* var. *virescens*.

obstipa: ref. *obstipus*: oblique; inclined to the side. cf. *Eulophia obstipa*.

obtecta: confusing as, see *ob-*: reversed; opposite, etc.+ see *tectum*, ref. *tectus*: covered; hidden; secret. With *ob-+tecta* (*tectus*), to me, this means the opposite to *tectus*, ie. open; uncovered, etc. Yet, some refs. say that *tectus* and *obtectus* have the same meaning, ie. hidden, etc., although they are listed separately and are not cross-referenced. cf. *Platystele obtecta*.

obtusa: see obtuse. Ref. labellum apex. cf. *Pterostylis obtusa*. Noted as endemic to Aust.

obtusata: ref. *obtusatus* + suffix: dulled; blunted. Ref. the leaves, cf. *Platanthera obtusata*.

obtusatum: as *obtusata*. cf. *Schizodium obtusatum*. syn. *S. obliquum* ssp. *clavigerum*.

obtuse: ref. *obtusus*: blunt; dull. Having a blunt, or slightly rounded apex. Also: wider than a right angle.

obtusiangulum: see obtuse + of a corner; angle. cf. *Bulbophyllum obtusiangulum*.

obtusiflora: blunt + flower. cf. *Orchis mascula* var. *obtusiflora*. syn. *O. mascula*.

obtusifolia: blunt + leaf. cf. *Uncifera obtusifolia*.

obtusifolium: blunt + leaf. cf. *Epidendrum obtusifolium*.

obtusifolius: blunt + leaf. cf. *Gastrochilus obtusifolius*. syn. *Uncifera obtusifolia*.

obtusilobum: blunt + lobe. cf. *Dendrobium obtusilobum*.

obtusipetala: blunt + petals. cf. *Lepanthes obtusipetala*.

obtusipetalum: blunt + petals. cf. *Dendrobium obtusipetalum*. syn. *D. wentianum*.

obtusisepalum: blunt + sepal(s?). cf. *Dendrobium obtusisepalum*. Noted as endemic to Papua, Indon.

obtusum: see obtuse. cf. *Dendrobium obtusum*.

obtusus: see obtuse. cf. *Sarcochilus obtusus*. syn. *Thrixspermum obtusum*.

obverse: broader at the apex than at the base. Or, can mean, the obvious "face" ie., the front of any organ, part, or group. + Can be: turned towards (ie.: facing).

obversifolium: see obverse + leaf. cf. *Angraecum obversifolium*.

obvia: could be confusing, ref. *obvius*: accessible; at hand; exposed; easily seen, etc. Also can mean: opposite; against. cf. *Eria obvia*.

obyrnei: listed for orig.coll.and authority, Peter O'Byrne (+ of), of the United World College of SE.Asia, Singapore. From his work in PNG., he wrote the outstanding "Lowland Orchids of Papua New Guinea" 1994, an absolute "must" for your reading list. cf. *Bulbophyllum obyrnei* Garay.Hamer & Siegerist 1995.

Ocampoa: A.Rich.& Galeotti 1845. Listed for Melchor Ocampo (+ of), a Mexican botanist. syn. *Cranichis* Sw.

ocanae: of Ocaña, see *ocanensis*. cf. *Mormodes ocanae* Linden & Rchb.f.1863.

ocanense: as *ocanensis*. cf. *Oncidium ocanense* (Lindley) Rchb.f.1863. syn. *Ada ocanensis*.

ocanensis: from Ocaña, a minor city, Norte de Santander Department, n.east Colombia. cf. *Ada ocanensis* (Lindley) N.H.Williams 1972.

occhioniana: belonging to Occhioni. Ref. phytologist and author, Paul Occhioni (b1915). Descs. accr. to him are abbr. to: Occh. ex Rio de Janeiro state, Brazil, cf. x *Sophrocattleya occhioniana* (Brade) Van den Berg & M.W.Chase 2001.

occidental: ex *occidere*: to go down; as the sun setting. + Ref. *occidentalis*: of the west; from a westerly direction, or region. Western. + See oriental.

occidentale: see *occidental*. cf. *Prasophyllum occidentale*. Possibly the specep., western, is because it's from the Eyr Peninsula, **west** of Adelaide, Sth.Aust. Noted as endemic.

occidentalis: see *occidental*. This species comes from the west of Ireland and Scotland. cf. *Dactylorhiza majalis* ssp.*occidentalis* (Pugsley) P.D.Sell 1968.

occitanica: listed for place name: belonging to *Occitania*: old Roman name for Languedoc, a historical region of sthn. France. cf. *Dactylorhiza occitanica* Geniez et al.

occlusa: as *occlusum*. cf. *Phyllorkis occlusa*. syn. *Bulbophyllum occlusum*.

occlusum: ref. *occlusus*: shut; closed. cf. *Bulbophyllum occlusum*.

occulta: see *occultus*. cf. *Pristiglottis occulta*.

occultans: hidden, or hiding; concealed. cf. *Prasophyllum occultans*. Noted as endemic to Sth.Aust.

occultata: ref. *occultatus*: (being) hidden; concealed. cf. *Serapias occultata*. syn. *S. parviflora*.

occultum: see *occultus*. cf. *Dendrobium occultum*. syn. *Dendrobium laevifolium*.

occultus: hidden; concealed; secret. cf. *Anoectochilus occultus*. syn. *Pristiglottis occulta*.

ocella (sing.), *ocellae* (pl.): English adaptations, see *ocellus*, *ocelli*.

ocellata: see *ocellate*. cf. *Disa ocellata*.

Ocellatae: see *ocellate*. Ref. labellum spots. *Coelogyne* section.

ocellate: ref. *ocellatus*. See *ocellus* + suffix: like; having. Having, or like an eye; eyed: with a relatively large spot, or blotch, likened to an eye. Often can be for a spot of one colour within a broad band of another colour (a spot within a spot), like the roundels on a butterfly's wings.

ocellatum: see *ocellate*. Ref. the sepals. cf. *Dendrochilum ocellatum*.

ocellus: see next entry. cf. *Pleurothallis ocellus*.

ocellus (sing.), *ocelli* (pl.): descwds., lit.: a small eye; small eyes. Sometimes used ref. to a spot; or blotch, likened to an eye. + See *ocellate*.

oceloteoides: ref. an ocelot: a small Sth. American leopard-like feline + resembling. Because the plant is from Sth. America, it's just an exotic ref. to the spots and blotches of the flower. cf. *Mormodes oceloteoides*.

ochmatochila: as *ochmatochilum*. cf. *Cyrtorchiloides ochmatochila*. syn. *Oncidium ochmatochilum*.

ochmatochilum: ref. *ochmatos*: stay; band; tie + lip. cf. *Oncidium ochmatochilum*.

ochobiensis: for place name (+ from), only listed as ex Taiwan. cf. *Erythrorchis ochobiensis* (Hayata) Garay 1986.

ochr-, ochro-, -ochra, -ochrum, -ochrus: used in combwds. and all: relative to the colour of ochre. Mostly for red, or yellow ochre, which can be confusing as, see the two entries for *ochrantha*. + See *ochraceus* and ref. *ochros*: listed as a paler yellow.

ochracea: see *ochraceus*. cf. *Prosthechea ochracea*.

ochraceous: like the colour of ochre. Mostly taken as: yellow ochre. + See *ochraceus*.

ochraceum: see *ochraceus*. cf. *Bulbophyllum ochraceum*.

ochraceus: ref. *ochra*: ochre + suffix, see *-acea*: like, etc. A colour term, mostly: like yellow ochre; a slightly brownish yellow. But, sometimes not always yellow, see *ochrantha*. Ochre is a natural pigment from the earth and varies in colour from a pale yellow through to a brownish-red. + See ochre-red.

ochraceus: see last entry. cf. *Gastrochilus ochraceus*. syn. *Acampe ochracea*.

ochrantha: ochre + flower. cf. *Liparis ochrantha*. I jumped in and said they're yellow but, in the discussion, the flower colour is noted as ochre-red. See ochre-red, *ochraceus* and next entry.

ochrantha: see *ochr-*+ flower. Did another entry, as this one is noted in the discussion, as "a paler yellow" and yet, the specp. is *incarnata* (see *incarnatus*: flesh-like; flesh-coloured, as a "pink"), to me, this infers that the varietal epithet, *ochrantha*, means that it's a darker pink (or red, for "red ochre"), than *incarnata* (?). However, cf. *Dactylorhiza incarnata* var. *ochrantha*.

ochranthum: see *ochr-*+ flower (they are noted as, yellow). cf. *Dendrobium ochranthum*.

ochreata: see *ochr-*+ like; having. + Could be: ochred; coloured with ochre. See *marginata* and note the small feature of the floral segments being edged with fine, rusty-brown hair. This may have been likened to being (reddish-) ochre coloured. cf. *Caladenia ochreata*. syn. *C. marginata*. + See next entry.

ochreatum: ochre coloured. One for more confusion, as it's noted the flower colour can be either a yellow, or a red. cf. *Dendrobium ochreatum*.

ochre-red: a vague colour term: a brownish-red, likened to that of red ochre. + See *ochraceus*.

ochricolor: see *ochr-*+ colour. cf. *Epidendrum ochricolor*.

ochriodes: see *ochr-*+ resembling. cf. *Epidendrum ochriodes*.

ochrochlamys: listed as yellow ochre + cape; cloak. cf. *Bulbophyllum ochrochlamys*.

ochrochlorum: listed as ochre-yellow + (pale) green. cf. *Epidendrum ochrochlorum*.

ochroglossa: ochre (see *ochr-*) + tongue. cf. *Cynorkis ochroglossa*.

ochrolabium: ochre-yellow + lip. cf. *Dendrochilum ochrolabium*.

ochroleuca: see *ochroleucus*. cf. *Habenaria ochroleuca*. Noted as endemic to nthn. Aust.

ochroleucum: ochre-yellow + *-leucum*: can be either white, or pale as the colours are variable. cf. *Bulbophyllum ochroleucum*.

ochroleucus: a vague colour term, see *ochr-*: yellow; paler yellow + *-leucus*: is usually "white", but it's not for the two colours, by the discussion *-leucus* is added to infer it's a paler shade. ie.: it's a yellowish-white; whitish-yellow, or a paler yellow.

ochroma: ref. *ochromus*, listed as the one word and defined as: paleness. cf. *Diuris ochroma*. Noted as endemic to Vic., Aust.

ochrostachya: ochre- (see *ochr-*) + spike. cf. *Disa ochrostachya*.
ochtho-: used in combwds., ref. *ochthos*: small hill; mound. Mostly for a surface protuberance; lump; elevation, etc.
ochthochilum: see *ochtho-* + lip. cf. *Bulbophyllum ochthochilum*.
ochthodes: small hill; mound + resembling (it's also listed as the one word: hilly). cf. *Scaphosepalum ochthodes*. syn. *S. verrucosum*.
ochyrae: ref. *ochyros*: stout; strong; firm + of. cf. *Rhipidoglossum ochyrae*.
Ochyrella: Szlach.& R.González 1996: ref. *ochyros*: stout; strong; firm + dimin. ex Argentina, eg. *Ochyrella lurida*. syn. *Pteroglossa lurida*.
Ochyrorchis: Szlach.2004: see *Ochyrella* + orchid. syn. *Habenaria* Willd.
oct-, octa-, octo-: used in compwds., ref. *octo*: eight.
Octadesmia: Benth.1881: eight + bundles, or a bundle of eight (?). Ref. the eight pollinia. syn. *Dilomilis* Raf.
Octandrorchis: Brieger 1977: eight + male + orchid. Has eight pollinia. syn. *Octomeria* (: eight parts). syn. *Eria* Lindl.
octandrum: eight + males, for the pollinia (?). cf. *Epidendrum octandrum*.
Octarrhena: Thwaites 1861: eight + ref. *arrhen*: male (also: a word for stamen), for the pollinia. ex New Guinea, eg. *Octarrhena umbellulata*.
octarrhenipetalus: as *octarrhenipetalum*. cf. *Peltopus octarrhenipetalus*. syn. *Bulbophyllum octarrhenipetalum*.
octarrhenipetalum: eight + males + petals. Ref. the paleae, of the petals, alluded to resemble stamina (see stamen). cf. *Bulbophyllum octarrhenipetalum*.
octavioi: may be for a person's name (+ of). It's also listed as ex Ecuador and could ref: to Octavio Cordero (village) of Cañar Prov.(?). cf. *Telipogon octavioi* Dodson & R.Escobar 1993.
octhodes: listed as lit.trans. to: hilly. Noted as ex *ochthos*: a hill; mound; elevation. cf. *Oncidium octhodes*. + Of interest, see *ochtho-*.
octocornuta: eight + horned. cf. *Lepanthes octocornuta*.
octodactyla: eight + digit; finger. cf. *Cheirostylis octodactyla*.
octodentata: eight + toothed, teeth, see dentate. cf. *Malaxis octodentata*.
octodentatum: as *octodentata*. cf. *Crepidium octodentatum*. syn. *Malaxis octodentata*.
Octomeria: R.Br.1813: eight + parts. Ref. the pollinia. ex the central Americas and Caribbean, eg. *Octomeria graminifolia* (L.) R.Br.1813.
octomeriae: (those) with eight parts (or, was likened to *Octomeria* somehow?, see *octomeriiformis*). cf. *Myoxanthus octomeriae*.
octomeriantha: *Octomeria* + flowers, or: eight + parts + flower (?) It is possible the author is saying "the flower has eight parts" (for the eight pollinia). cf. *Octomeria octomeriantha*.
octomeriiformis (+ have noted it listed as *octomeriaeformis*): eight + parts + form, or *Octomeria* + shape; form (?). cf. *Pleurothallis octomeriiformis*. syn. *P. obovata*.
octomerioides: *Octomeria* + resembling, or was compared to *Myoxanthus octomeriae* (?). cf. *Myoxanthus octomerioides*.
octophrys: *oct-*: eight + see *Ophrys*: eyebrow. cf. *Pleurothallis octophrys*.

octopollinica: octo-+ see pollinia + -ica: having eight pollinia. cf. *Prescottia octopollinica*.

octopus: eight + footed. With these authors, it's probably for an octopus, refs. to appendages and parts likened to tentacles (?). cf. *Lepanthes octopus* Luer & R.Escobar 1997.

oculata: see *oculatus*. Has two relatively large spots at the base of the lip. cf. *Stanhopea oculata*. + See next entry.

oculata: did another entry as for this example, it means: very visible, obvious. Has a pendent raceme of many, very beautiful, (mostly) golden-yellow and orange flowers. ex India, cf. *Callista oculata*. syn. *Dendrobium fimbriatum*.

oculata-gigantea: see *oculatus* + *gigantea*: very large. cf. *Calanthe vestita* var. *oculata-gigantea*.

oculatum: see *oculatus*. cf. *Bulbophyllum oculatum*.

oculatus: descwd.: eyed; like an eye, or eyes; having eyes. (Ref. *oculus*: eye,+ see ocellate.). Can also mean: very visible; obvious; conspicuous.

oculatus: see last entry. cf. *Ceratichilus oculatus*. syn. *Stanhopea oculata*.

odd sepal: not used very often, see median sepal; dorsal sepal.

-ode, -odes, -ooides, -oida, -oides, -oideum, -oideus : used in combwds., are all variations of -oides: like; being like; having the shape, form, or characteristic of; resembling.

odiosum: an adaption of *odor* + see -osa: perfume + plenty; full of. Has a strong sweet perfume. cf. *Dendrobium odiosum*. syn. *D. hancockii*.

odoardi: as *odoardii*. ex Sumatra, cf. *Oberonia odoardi* Schltr.1911.

odoardii: listed for Odoardo Beccari (more, see *beccarii*). ex Sarawak, Borneo, cf. *Bulbophyllum odoardii* Rchb.f.& Pfitzer.

odobenella: ref. the genus *Odobenus*: a walrus (the unique arctic marine mammal) + -ella: small. ex Ecuador, cf. *Lepanthes odobenella* Luer & Hirtz 1986.

odobeniceps: walrus (see *odobenella*) + small head. ex Colombia, cf. *Pleurothallis odobeniceps* Luer 1989.

odon-, odont-, odonto-, -odontum, -odontus : used in compwds., ref. *odon*, *odontos*: tooth. Anything to do with a tooth, or teeth; tooth-like; toothed, etc.

Odonectis: Raf.1808: see *odon*-+ ref. *ektos*: outside; outer. eg. *Odonectis affinis*. syn. *Isotria medeoloides*.

x *Odontioda*: auct. On the syn. list, cf. *Cochlioda* x *Odontoglossum*.

x *Odontobrassia*: auct. On the syn. list, cf. *Brassia* x *Odontoglossum*.

odontocera: see *odon*-+ horn. cf. *Masdevallia odontocera*.

odontocheila: see *odon*-+ lip. cf. *Masdevallia odontocheila*. syn. *M. cupularis*.

odontochilos: see *odon*-+ lip. cf. *Liparis odontochilos*. syn. *L. deistelii*.

odontochilum: see *odon*-+ lip. cf. *Scaphosepalum odontochilum*.

Odontochilus: Blume 1859: toothed, or teeth + lip. Noted, the lip is centrally bunched and pursed and alluded to resemble teeth. ex Perak (admin.division), westn. Peninsula Malaysia, eg. *Odontochilus reniformis*.

x *Odontocidium*: auct. On the syn. list, cf. *Odontoglossum* x *Oncidium*.

odontoglossa: see *odon*-+ tongue. cf. *Eulophia odontoglossa*.

odontoglossoides: see *odon-*: tooth; toothed, etc. + tongue + resembling. cf. *Brassia odontoglossoides*. syn. *Brassia verrucosa*.

Odontoglossum: Kunth 1816: teeth + tongue. By the description, the lip has tooth-like projections. ex Colombia, eg. *Odontoglossum gloriosum*.

Odontoglossum: as last entry. = *Odontoglossum* section.

odontoglossum: see *odon-* + tongue. cf. *Bulbophyllum odontoglossum*.

odontoglossus: see *odon-* + tongue. cf. *Peristylus odontoglossus*.

x *Odontonia*: Rolfe. On the syn. list, cf. *Miltonia* x ***Odontoglossum***.

odontonotos: see *odon-* + *notos*: at, or on the back. cf. *Notylia odontonotos*.

odontopetala: see *odon-* + petals. Ref. the sharply toothed petals. cf. *Oberonia odontopetala*.

odontopetalum: see *odon-* + petals. The petals have toothed (: serrate) margins. cf. *Bulbophyllum odontopetalum*.

x *Odontopilia*: auct. On the syn. list, cf. ***Odontoglossum*** x *Trichopilia*.

odontopterygium: see *odon-* + small wing. cf. *Oncidium odontopterygium*.

odontopus: tooth + foot. Ref. the column-foot. cf. *Dendrobium odontopus*.

x *Odontorettia*: auct. On the syn. list, cf. *Comparettia* x ***Odontoglossum***.

odontorhiza: see *odon-* + root(s). Ref. the rough coral-like roots and slightly branching projecting rootlets. One major ref. says: for the swollen stem base, likened to a tooth. But, by the description the ref. is to the small rootlets alluded to resemble teeth. cf. *Corallorrhiza odontorhiza*.

odontorhizon: as *odontorhiza*. cf. *Cymbidium odontorhizon*. syn. *Corallorrhiza odontorhiza*.

Odontorrhynchus: M.N. Correa 1953: tooth + snout; beak. Has small tooth-like projections at the anther. ex Chile, eg. *Odontorrhynchus variabilis*.

odontospathum: see *odon-* + see spathe. cf. *Epidendrum odontospathum*.

odontostele: tooth (teeth?) + pillar; column. cf. *Dryadella odontostele*.

odontostemma: see *odon-* + garland; wreath. cf. *Lepanthes odontostemma*.

odontostoma: toothed + mouth. cf. *Liparis odontostoma*. syn. *L. nervosa*.

Odontostyles: Breda Kuhl & Hasselt 1827: toothed + see style: column. Ref. the stelidia. syn. *Bulbophyllum Thouars*.

Odontostylis: see *odon-* + style: column. Should be for the stelidia. = *Bulbophyllum* section.

odontotepala: see *odon-* + tepals. Has toothed tepals, or they are likened to teeth (?). cf. *Pleurothallis odontotepala*.

x *Odopetalum*: G. Hansen. On the syn. list, cf. ***Odontoglossum*** x *Zygopetalum*.

odor: descwd.: odour; scent; perfume; smell; fragrance, etc. (can be good, or bad).

odora: see *odor*. cf. *Calanthe odora*.

odorata: odor + suffix: perfumed. cf. *Aerides odorata*.

odoratissima: perfumed + emphatic suffix: very, etc. cf. *Chamaeangis odoratissima*.

odoratissimum: as *odoratissima* (and, noted it's very pleasant. One synonym compares the perfume to a hyacinth, see *hyacinthodorum*). cf. *Bulbophyllum odoratissimum*.

odoratum: perfumed (listed as being very pleasant). cf. *Prasophyllum odoratum*. Noted as endemic to sthn. Aust.

odoratus: descwd., seen in descriptions. See *odor* + suffix: perfumed, etc. Not specific, so can be good, or bad.

odoratus: see last entry. cf. *Sarcochilus odoratus* (noted as having a pleasant perfume).
odorifera: perfume + bearing. cf. *Eria odorifera*.
odorum: ref. *odorus*: perfumed. cf. *Satyrium odorum*.
odzalaensis: from Odzala. Listed as ex the Congo, noted two villages and a N. Park of this name. cf. *Zeuxine odzalensis* Geerinck & Lejoly 1997. syn. *Z. heterosepala*.
Oeceoclades: Lindley 1832: ref. *oikeios*: (private) property, or ref. *oikos*: house, + *clades*: destruction; devastation. Whilst researching, I noted some major authors got most upset when flowers were spotted and they were expecting a pure, plain colour. Maybe Prof. Lindley didn't like the spots (on this one) and thought the "house" (flower) was spoiled by them? (Personally, I love spotted flowers). From many countries: of Africa across to the Caribbean and the central Americas, eg. *Oeceoclades maculata* (: spotted).
oeconomica: as *oeconomicus*. cf. *Evelyna oeconomica*. syn. *Elleanthus furfuraceus*.
oeconomicus: ref. *oikos*: house + *nomos*: law + suffix: of, etc. Probably means the same as in English: economical; thrifty; frugal (: ungenerous with its flowers?). cf. *Elleanthus oeconomicus*. syn. *Elleanthus furfuraceus*.
oedoplectron: ref. *oedema* (*oidema*): tumor: swelling + spur. cf. *Eulophia oedoplectron*. syn. *E. bouliawongo*.
oeneum: ref. *oinos* (+ *oenos*): wine. For the dark red flowers. cf. *Bulbophyllum oeneum*.
oenochila: ref. *oenos*: wine (as, "red") + lip. cf. *Caladenia oenochila*. Noted as endemic to Vic., Aust.
oenone: again for "beauty". Ref. Gk.myth., Oenone was a very beautiful nymph who married Paris (see *paris*). cf. *Cypripedium* x *oenone* Rolfe. The generic name may be as an adjunct to *Cypripedium* x *paris* Rolfe (or, vice-versa).
Oeonia: Lindley 1826: ref. *oionos*: bird of prey. Listed as alluding to a flower, as a bird in flight. ex Madagascar, eg. *Oeonia volucris* (see *volucra*: a bird, etc.).
Oeoniella: Schltr.1918: see *Oeonia* + dimin. For a small bird, or a small *Oeonia* (?). ex Madagascar, eg. *Oeoniella polystachys*.
oeonioides: see *Oeonia* + resembling. cf. *Saccolabium oeonioides*. syn. *Solenangis clavata*.
Oerstedella: Rchb.f.1852. Listed for orig.coll., Anders Sandoe Ørsted (1816-1872) + respectful suffix. A Danish botanist, author, naturalist and authoritative collector. ex Costa Rica, eg. *Oerstedella pumila*.
oerstedii: see *Oerstedella*. ex Costa Rica, cf. *Epidendrum oerstedii* Rchb.f.1852.
Oestlundia: W.E.Higgins 2001. See *oestlundii*. syn. *Encyclia* Hook.
oestlundiana: belonging to Oestlund, see *oestlundii*. ex Mexico, cf. *Brassia oestlundiana* L.O.Williams 1951. syn. *Rhynchostele maculata*.
oestlundianum: as *oestlundiana*. ex Guerrero state, Mexico, cf. *Mormodes oestlundianum* Salazar & Hágsater 1990.
oestlundii: listed for orig.coll., botanist, Karl Eric Oestlund (+ of). ex Guerrero, Mexico, cf. *Encyclia oestlundii* (Ames, Hubb.& C.Schweinf.) Hágsater & Stermitz 1983.
Oestlundorchis: Szlach.: "Oestlund's orchid", see *oestlundii*. syn. *Deiregyne* Schltr.
oestrifer: as *oestrifera*. cf. *Stenorrhynchos oestrifer*. syn. *Pelexia oestrifera*.

oestrifera: ref. *oistros*: gad-fly; horse-fly + bearing. Alluding to a flower (shape). cf.

Ophrys oestrifera. syn. *O. holoserica*.

oestriferum: as *oestrifera*. cf. *Pachygenium oestriferum*. syn. *Pelexia oestrifera*.

ofella: listed as the one word. Noted, it can also be spelt *offella* (ref. *offa* + dimin.): crumb; bit; small morsel. cf. *Pleurothallis ofella*.

officinale: see *officinalis*. cf. *Dendrobium officinale*. syn. *D. candidum*.

officinalis: in keeping with cross-referencing (see lavender, ref. *Lavandula officinalis*). Ref.

officina: listed as an adaption of *opificina* + *-alis*: relative to. Noted as orig. for a shop, or workshop and later: a drug-store; pharmacy. So, perhaps the inference is the plant has some medicinal qualities. The ref. herein, see lavender. + See next entry.

officinalis: see last entry. For the “medicinal” quality of this one, a product derived from it is supposed to be an aphrodisiac, see *Serapias*. cf. *Orchis officinalis*. syn. *O. morio*.

ogatai: listed for orig.coll., botanist Masasuke Ogata (1883-1944). Listed as ex Mt.Sozan, Taiwan, cf. *Goodyera ogatai* Yamam.1927. syn. *G. viridiflora*.

ogooouense: refs. to a major river: from the Ogooué River. Originates in Congo and then runs through most of the west African country of Gabon. cf. *Bulbophyllum ogoouense* Guillaumin 1924. syn. *Bulbophyllum fuscum*.

ogurae: haven't any info. so I'll speculate. May be for a place name, as it's listed as ex the Caroline Islands, which were occupied by the Japanese in WWI and again, was administered by them during WWII. Perhaps a feature, or a place there, was named after Ogura-san, a noted mtn. peak, of central Honshu Island, Japan (?). cf. *Cystorchis ogurae* (Tuyama) Ormerod & P.J.Cribb 2000.

ohwii: listed for botanist and author, Jisaburo Ohwi (1905-1977). ex central Taiwan, cf. *Epipactis ohwii* Fukuy.1934.

oicophylax: ref. *oikos*: house + *phylax*: guard (ex *phylassein*: to guard). Probably: “the house is guarded” (with spikes, prickles, or bristles, etc.). What a top choice for the specep.! + See *Trichopilia*, the anther area is “guarded”, with bristles. cf. *Trichopilia oicophylax* Rchb.f.1856.

-oides: used in compwds.: resembling, etc., see *-ode*.

oiwakense: listed for place name: from Oiwaka, Gokwanzan, Taiwan. cf. *Cymbidium oiwakense* Hayata 1916. syn. *Cymbidium faberi*.

okabeana: belonging to Okabe. Noted two towns, of Shizuoka-ken and Saitama-ken (prefectures), both of central Honshu, Japan. cf. *Cheirostylis okabeana* Tuyama 1951.

okellyi: listed for orig.coll., Dr.O'Kelly MD. c1909. ex County Clare, s.west Ireland, cf. *Dactylorhiza fuchsii* ssp.*okellyi* (Druce) Soó.

okinawense: for place name: from Okinawa Island, of the Ryukyu (Nansei-Shoto) group, sth. of Japan. cf. *Dendrobium okinawense* Hatus.& Ida 1970.

okinawensis: as *okinawense*. cf. *Calanthe okinawensis* Hayata 1911. syn. *C. alismifolia*.

oklahomensis: from Oklahoma state, USA. cf. *Calopogon oklahomensis* D.H.Goldman 1995.

okubo-hachijoensis: could be for a person's name, or a place name (Okubo?) + from Hachijo-jima island, south of Honshu island, Japan. cf. *Platanthera* x *okubo-hachijoensis* K.Inoue 1983.

okuboi: of Okubo. See last entry, with this one listed as ex Izu-shoto island(s), Japan (?). cf. *Platanthera okuboi* Makino 1905.

okushirensis: from Okushiri, a town on the island of Okushiri-to, west of the peninsula of Hokkaido Island, Japan. cf. *Calanthe okushirensis* Miyabe & Tatew.1936. syn. *C. puberula*.

-ola, -olum, -olus: diminutive suffixes used in combwds., having many connotations to "small". eg. *luteola*: yellow + small: a lesser, or paler yellow.

olarionensis: for place name (+ from), only listed as ex France. cf. *Epipactis phyllanthes* var. *olarionensis* P.Delforge 1997.

olbia: is listed as only ex s.east France. See *olbiensis*. cf. *Serapias olbia* Verg.1908.

olbiensis: for place name (+ from), listed as only ex France: from *Olbia* (now) ref. Hyères, a coastal city and/or the Isles d'Hyères, Mediterranean Sea, s.east France. cf. *Ophrys* x *olbiensis* E.G.Camus 1908.

oleosus: descwd., ref. *oleum*: oil + *-osa*: full of; plenty, etc. Can be an oblique ref. to nectar, but mostly: having the appearance of being freshly oiled (ie., very shiny, etc.).

olgae: of Olga (village), on Saaremaa island, westn. Estonia. cf. *Dactylorhiza maculata* var. *olgae* Soó 1960. syn. *D. maculata* ssp.*elodes*.

olida: ref. *olidus*: odorous. + In English, *olid*: fetid (ref. *fetidus*: rank; stinking, etc.). cf. *Orchis* x *olida* Bréb. Listed among the synonyms without date, location, or "correct name".

olidum: as *olida*. cf. *Prasophyllum olidum*. Noted as endemic to Tas., Aust.

olig-, oligo-: used in compwds., ref. *oligos*: a little; few; not many. + Can mean: poor; scanty; meagre, etc.

oligadenia: see *olig-*+ gland(s). cf. *Cynorkis angustipetala* var.*oligadenia*.

oligadenium: see *olig-*+ gland(-ed). cf. *Dendrobium oligadenium*.

oligantha: see *olig-*+ flower(s). cf. *Microtis oligantha*. Noted as endemic to NZ.

Oliganthe: see *olig-*+ flowers.= *Agrostophyllum* section.

oliganthum: listed as: not few-flowered, but: a few flowers. The species is not normally monanthous and can have 1-3 flowers. cf. *Bulbophyllum oliganthum*.

oliganthus: see *olig-*+ flower. cf. *Elleanthus oliganthus*.

oligoblephara: see *olig-*+ eyelashes. cf. *Stelis oligoblephara*.

oligoblepharon: see *olig-*+ eyelashes. Ref. the ciliate petals and margin of labellum apex. cf. *Dendrobium oligoblepharon*. syn. *D. nardoides*.

oligochaete: see *olig-*+ see *chaeta*: setae; bristles, etc. cf. *Bulbophyllum oligochaete*.

Oligochaetochilus: Szlach.2001: see *olig-*+ bristles + lip. syn. *Pterostylis* R.Br.

Oligodesme: few + bundle. Ref. the few (separate) flowers.=*Appendicula* section.

oligoglossa: see *olig-*+ tongue. cf. *Phyllorkis oligoglossa*. syn. *Bulbophyllum oligoglossum*.

oligoglossum: see *olig-*+ tongue. cf. *Bulbophyllum oligoglossum*.

oligoneura: see *olig-*+ nerves (veins). cf. *Ponthieva oligoneura*.

oligophylla: see *olig-*+ leaves. cf. *Dilomilis oligophylla*.

oligophyllum: see *oligo*-+ leaves. cf. *Dendrobium oligophyllum*.
Oligophyton: H.P.Linder 1986. See *olig*-+ plant. syn. *Benthamia* A.Rich.
oligoschista: see *olig*-+ see *schist*-: split; cleft, etc. cf. *Habenaria oligoschista*.
oligoschistum: as *oligoschista*. cf. *Kryptostoma oligoschista*. syn. *Habenaria oligoschista*.
oligotricha: see *olig*-+ hair. cf. *Eria oligotricha*. Pers.coll., common near Eilogo, PM.PNG.
olivacea: see *olivaceus*. cf. *Malaxis olivacea*.
olivaceum: see *olivaceus*. cf. *Dendrobium olivaceum*.
olivaceus: listed as *ex oliva*: an olive (fruit, also can be for the tree) + suffix: like, etc. A colour term: olive-green, a mix of green, brown and grey.
olivaceus: olive-green. Ref. the sepals and petals. cf. *Sarcochilus olivaceus*. Noted as endemic to NSW., Aust.
oliveri: see *Oliveriana*. cf. *Pterostylis oliveri* Petrie 1894. Noted as endemic to sthn. NZ.
Oliveriana: Rchb.f.1877. Listed for Prof. Daniel Oliver (+ belonging to) FLS., FRS.(1830-1916). Was "Keeper of the Herbarium" at Kew RBG. and Professor of Botany at the University College, London, Eng. ex Colombia to Guyana, eg. *Oliveriana egregia*.
oliveriana: as *Oliveriana*. ex nthn. Sth.America, cf. *Aganisia oliveriana* Rchb.f.1878. syn. *A. fimbriata*.
oliverianus: as *Oliveriana*. ex Africa, cf. *Lissochilus oliverianus* Rchb.f.1875. syn. *Eulophia streptopetala*.
olivetorum: olive + habitat. Listed as found growing in an olive grove. cf. *Orchis olivetorum*. syn. *Orchis mascula*.
oliveus: another word for the colour: olive-green, see *olivaceus*.
olivicolor: descwd.: olive (green) + colour.+ See *olivaceus*.
olivinum: olive + see *-ina*: like, etc. Could be for the colour (see *olivaceus*), or for a pseudobulb, likened to an olive (?). cf. *Bulbophyllum olivinum*.
ollare: as *ollaris*. cf. *Catasetum ollare*.
ollaris: ref. *olla*: pot; jar (without handles) + see *-are*: having; relative to. Alluding to the labellum. cf. *Lepanthes ollaris*.
olocheilos: not sure, ref. *olor*: swan, or ref. *olos*: mud; dirt, etc. + lip. cf. *Dactylorhiza olocheilos*. syn. *Dactylorhiza osmanica*.
oloricolle: swan + neck. cf. *Oncidium oloricolle*. syn. *O. heteranthum*.
olorinum: ref. *olorinus*: of a swan (or, swans). cf. *Bulbophyllum olorinum*.
olorinus: as *olorinum*. cf. *Haplochilus olorinus*. syn. *Bulbophyllum olorinum*.
olostensis: from Olost, a town of Barcelona (admin. division), n.east Spain. cf. *Ophrys x olostensis* O.& E.Danesch.
olympica: for place name: belonging to Olympus. In Gk.myth., this was the fabled home of the "Gods", ref. Mt.Olympus, Thessaly, Greece. cf. *Epipactis olympica* Robatsch 1990.
omalosantha: ref. (h)*omalos*: even; level; equal; uniform + flower. cf. *Stelis omalosantha*.
ombrophila: ref. *ombros*: rainstorm + loves. cf. *Calanthe ombrophila*. syn. *C. micrantha*.
Noted as endemic to PNG.
ombrophilum: as *ombrophila*. cf. *Bulbophyllum ombrophilum*. syn. *B. reptans*.

omegaifera: omega + bearing. Ref. the prominent pattern on the labellum, likened to omega: the symbol that represents the last letter of the Gk. alphabet. In lower case, or running writing, looks something like our letter "w". cf. *Ophrys omegaifera*.

omeiense: for place name: from the town of Emei (aka **O-mei**), or nearby Emei Shan (**O-mei** Shan, mtn. peak), Sichuan Prov., China. cf. *Cymbidium omeiense* Y.S.Wu & S.C.Chen 1966. syn. *C. faberi* var. *szechuanicum*.

omeiensis: as *omeiense*. cf. *Platanthera omeiensis* (Rolfe) Schltr. 1919.

omeishanica: belonging to O-mei Shan (mtn.), see *omeiense*. cf. *Orchis omeishanica* T.Tang, F.T.Wang & K.Y.Lang.

omissa: ref. *omissus*: heedless; careless; negligent. cf. *Pleurothallis omissa*.

Ommatodium: Lindley 1838: ref. *omma*: eye, *ommatum*: small eye + suffix: like, or having small eyes. Ref. spots on the lip. syn. *Pterygodium* Sw.

omnifera: ref. *omnis*: all + carrying; bearing. cf. *Lepanthes omnifera*.

Omoea: Blume 1825. Listed as ref. (*h*)*omos*, *homoios*, see *homeo*:- alike; same; very similar, etc. Sorry, don't know what it was "similar" to. ex Java, eg. *Omoea micrantha*.

omoglossa: similar + tongue. cf. *Pleurothallis omoglossa*.

omorenoi: for O.Moreno (+ of), see *morenoi*. ex Bolivia, cf. *Masdevallia omeronoi* Luer & R.Vásquez 1997.

omphaloides: ref. *omphalos*: the navel. + Can be for a rounded, blister-like projection (in the middle of an organ, or part) + *-oides*: resembling. cf. *Microtis wallichii* var. *omphaloides*.

-on, *-oon*: used in compwds., mostly as an emphasis: absolute; definite; positive, eg. see *trioon*. Also can infer: strong; most; much; very, etc. eg., If some plant and flower was very unattractive and it had a disgusting "perfume", it could be given the specep., *temnoon*: ref. *temno*: despise + *-on*: most; much; absolutely, or strongly despised.

onaensis: from Oña (village), Loja Prov., Ecuador. cf. *Trichoceros onaensis* Christenson 2001.

onagriceps: ref. *onagros*: wild ass (like a donkey) + see *-ceps*: (small) head. cf. *Pleurothallis onagriceps* Luer & Hirtz 1989.

x *Oncandra*: auct. On the syn. list, cf. *Galeandra* x *Oncidium*.

onci-, *onco-*: used in combwds.. One major ref. says both are ex Gk., *onkos* and gives two conflicting definitions.: A tumour; pad; mass; swelling, or: hook; barb (as the barb of an arrow). Another ref., simply says: swollen; turgid (?).

x *Oncidarettia*: auct. On the syn. list, cf. *Comparettia* x *Oncidium*.

x *Oncidasia*: auct. On the syn. list, cf. *Aspasia* x *Oncidium*.

x *Oncidenia*: auct. On the syn. list, cf. *Macradenia* x *Oncidium*.

x *Oncidesa*: auct. On the syn. list, cf. *Gomesa* x *Oncidium*.

Oncidieae: *Oncidium* + suffix denotes it's a tribe.

x *Oncidiella*: auct. On the syn. list, cf. *Oncidium* x *Rodrigueziella*.

oncidiiflora: *Oncidium* + flower. Listed as likened to an *Oncidium*. cf. *Oeonia oncidiiflora*. syn. *O. rosea*.

Oncidiinae: see *Oncidium* + suffix denotes it's a subtribe.

oncidiochila: see *onci*-+ like + lip. With *onci*-, knowing this one, I favour, barb; hook, because the lip has two "barbs". cf. *Latourea oncidiochila*. syn. *Dendrobium bifalce* (: two sickles). Pers.coll., very common ex PM.PNG.

oncidiochilum: see *onci*-+ like + lip. + See *oncidiochila*. cf. *Bulbophyllum oncidiochilum*. syn. *Dendrobium bifalce*.

x *Oncidioda*: auct. On the syn. list, cf. *Cochlioda* x *Oncidium*.

oncidioides: see *onci*-+ like + resembling. Or, like an *Oncidium* (?). cf. *Encyclia oncidioides*.

Oncidium: Sw.1800, nom.cons.: see *onci*-+ dimin.(or, like?). Reported to be for the calli on the lip: like arrow barbs. ex Venezuela, eg. *Oncidium advena*.

x *Oncidophora*: auct. On the syn. list, cf. *Oncidium* x *Ornithophora*.

x *Oncidpilia*: auct. On the syn. list, cf. *Oncidium* x *Trichopilia*.

Oncodia: Lindley 1853: see *onci*-+ like + of. Has small bracts at the ovary likened to barbs. syn. *Brachtia* Rchb.f.

oncoglossa: see *onci*-+ tongue. cf. *Pleurothallis oncoglossa*.

Oncophyllum: D.L.Jones & M.A.Clem.2001: see *onci*-+ leaf. syn. *Bulbophyllum* Thouars.

onivense: for place name: from Onive Basin, Andasibe, nthn. Madagascar. cf. *Angraecum onivense* H.Perrier 1937. + See *andasibeense*.

onivensis: as *onivense*. cf. *Cynorkis tenuicalcar* ssp.*onivensis* H.Perrier 1931.

Onkeripus: Raf.1838: ref. *onkeros*: swollen + foot. Listed as ref. base of sepals and petals, each has a minute sac. syn. *Xylobium* Lindl.

ontogeny: technical term. Noted as: to do with the history and development of an individual organ, or part. Concerning the way it has changed, or evolved. + Ref. ontogenesis.

onustum: ref. *onustus*: loaded; burdensome; filled; laden. cf. *Oncidium onustum*.

Onychium : Blume 1825: ref. *onyx*, *onychos*: finger-nail (+ a claw; talon) + suffix: dimin., or characteristic of. eg. *Onychium affine*. syn. *Dendrobium affine*. Pers.coll., common ex Darwin, NT., Aust.

onyx: descwd.+ used in combwds., as ref. *onyx*, *onychos*: fingernail; hoof; claw; talon. Also, *onyx* is a kind of semi-precious gemstone.

oobulbum: ref. *oon*, *oion*: (bird's) egg + bulb. An allusion to a pseudobulb. cf. *Bulbophyllum oobulbum*. Trivium, + ref. Oology: the scientific study of bird's eggs.

oodicheila: egg + like + lip. cf. *Ophrys aranifera* forma *oodicheila*. syn. *O. sphegodes* ssp.*sphegodes*.

opacifolia: ref. *opacus*: opaque, + can be: darkened; dull + leaf. cf. *Cadetia opacifolia*.

opacifolium: as *opacifolia*. cf. *Dendrobium opacifolium*. syn. *Cadetia opacifolia*.

opeatoloba: ref. *opeatos**: an awl (: pointed shoemaker's tool) + lobe. cf. *Eria opeatoloba*.

*Trivium: most often, the words used are, ref. *subula*, see subulate + see *opetidion*.

opeatorhyncha: awl + beak; snout, etc. cf. *Pleurothallis opeatorhyncha*. syn. *P. ruberrima*. + Of interest, see *opeatoloba*, *opetidion*.

opercularis: see operculum, operculate + see -are: like, etc. cf. *Stelis opercularis*.

operculata: see operculate. cf. *Pleurothallis operculata*. syn. *Trichosalpinx rotundata*.

operculate: see operculum + suffix: like, or having a small lid, or cover. eg. An operculate anther (: anther has an operculum); an operculate lobe(: likened to a lid).

operculum: a small lid; cover. Was happy to find the explanation for this, thinking it to be the correct term for the anther-cap. But with the many books I've read, most all of them say: anther-cap. One major ref. throughout the text, used both words (and was definitely talking about the anther-cap), another ref. solely used operculum.

operosum: ref. *operosus*: difficult; busy; industrious; active. cf. *Brachionidium operosum*.

opetidion: listed as a small awl (pointed piercing tool). cf. *Lepanthes opetidion*.

ophelma: a broom. cf. *Lepanthes ophelma*.

ophi-, *ophio-*: used in compwds., ref. *ophis*: snake. Of, or to do with a snake; snake-like; serpentine; twisting; creeping; crawling, etc. + Can be an oblique ref. to scales; reptilian; being long, slender and tapering, etc.

ophiantha: see *ophi-*: snake, etc.+ flower (+ see *ophiocephala*). cf. *Pleurothallis ophiantha*.

Ophidion: Luer 1982: small snake. Noted as alluding to a flower. ex Colombia, eg.

Ophidion dasyglossum.

ophidion: small snake. cf. *Scaphosepalum ophidion*.

ophinoplectron: snake + like + spur (+ see *ophioplectron*). cf. *Aeranthus ophinoplectron*. syn.

Jumellea ophioplectron.

ophiocephala: snake + head. Alluding to a flower. cf. *Pleurothallis ophiocephala*. syn. *P.*

ophiantha (: snake, etc.+ flower).

ophioceps: see *ophi-*+ *-ceps*: snake + small head. cf. *Dracula ophioceps*.

ophiodens: snake + tooth, teeth. cf. *Maxillaria ophiodens*.

ophioglossa: snake + tongue. Ref. the forked labellum apex. cf. *Pterostylis ophioglossa*.

Noted as endemic to eastn. Aust.

Ophioglossae: snake + tongue + of.= *Masdevallia* subgenus *Amanda* section *Ophioglossae*.

Ophioglossella: Schuit.& Ormerod 1998: snake + tongue + small, or was likened to a small *Ophioglossum* (also, a genus of ferns). eg. *Ophioglossella chrysostoma*. Noted as monotypic in New Guinea.

ophioglossoides: snake + tongue + resembling. (Or like the fern, *Ophioglossum*? See next entry). cf. *Stelis ophioglossoides*.

ophioglossoides: did another entry as I noted the plant of this species (when not in flower) was likened to *Ophioglossum* (: snake + tongue) a genus of ferns. cf. *Habenaria clavellata* var. *ophioglossoides*. syn. *Platanthera clavellata*.

ophioglossum: snake + tongue. cf. *Dendrobium ophioglossum*. syn. *D. smillieae*. Pers.coll., common ex PM.PNG. For an instant love affair, see notes at *smillieae*.

ophioides: snake + resembling. cf. *Goodyera repens* var. *ophioides*. syn. *G. repens*.

ophioplectron: snake + spur. For the slender, sinuous spur. cf. *Jumellea ophioplectron*.

ophiopogonoides: snake + beard + resembling. cf. *Dendrochilum ophiopogonoides*.

ophiostele: snake + pillar; column. cf. *Lepanthes ophiostele*.

ophirensis: listed for place name: from Mt.Ophir, sthn.West Malaysia. cf. *Hetaeria ophirensis* Ridl.1924.

ophiuchus: ref. *ophis*: snake, etc. + *-uchus*: (to) carry; bear. cf. *Bulbophyllum ophiuchus*.
Ophris: Mill.1754: as *Ophrys*. syn. *Listera* R.Br.
ophrydea: eyebrows + like, or resembles *Ophrys* (?). cf. *Disa ophrydea*.
Ophrydeae: *Ophrys* + suffix denotes it's a tribe.
Ophrydinae: *Ophrys* + suffix denotes it's a subtribe.
ophrydioides: ref. the genus *Ophrys* + resembling. Or ref. *ophrys*: eyebrow, or *ophridion*: small eyebrow + resembling (?). cf. *Platanthera ophrydioides*.
ophrydis: *Ophrys*, or eyebrow + like. cf. *Malaxis ophrydis*.
ophryotipuloides: an *Ophrys*, or eyebrow (?) + water spider, or crane-fly (see *tipula*) + resembling. cf. *Platanthera* x *ophryotipuloides* K.Inoue 1983.
Ophrys: L.1753: eyebrow. Noted, orig. it was given this name by Pliny the elder (see "P"), as the plant was used for dying the hair and eyebrows. ex Europe, eg., *Ophrys insectifera*.
opilionites: ref. *opilio*; *opilionis*: a shepherd. Can also be for a guard + suffix: a guardian, or one who guards. cf. *Diplocaulobium opilionites*.
oporina: ref. *oporinos*: of autumn; autumnal. Flowers in autumn, or maybe it's still flowering, in autumn, when others have finished (?). cf. *Diuris oporina*. Endemic to Qld., Aust.
oppositiflorus: opposite + flowers. cf. *Conchochilus oppositiflorus*. syn. *Appendicula cristata*.
oppositifolia: ref. *oppositus*: setting against. Opposite + leaves. cf. *Eria oppositifolia* syn. *Dendrobium oppositifolium*.
oppositifolium: opposite + leaves. Normally, only has two leaves, opposite each other at the stem apex. cf. *Dendrobium oppositifolium*.
oppositifolius: opposite + leaves. cf. *Tetradon oppositifolius*. syn. *Dendrobium oppositifolium*.
-ops: used in combwds. and can be very confusing. Most refs. say it can have many meanings, for us it's especially: face, or eye. The face: the front of an organ, part, or group, eg. the face of a flower. The eye: the centre of an organ, part, or group (from the front). Also, *ops* can often be used for *facies* (see "F"), face: the general appearance (as a similar interpretation to, *-opsis*). eg. *chlorops*, could translate as: *chlor-*: "green" + *ops*: face, eye, or appearance. Another for the confusion, see *cochliops*.
-opsis: used in combwds.: appearance; having the appearance of; likened to; resembling. I mostly note it as: appearance.
x *Opsisanda*: auct. On the syn. list, cf. *Vanda* x *Vandopsis*.
x *Opsisanthe*: R.E.Schult.& Pease. On the syn. list, cf. *Euanthe* x *Vandopsis*.
x *Opsiscattleya*: auct. On the syn. list, cf. *Cattleya* x *Cattleyopsis*.
x *Opsistylis*: auct. On the syn. list, cf. *Rhynchostylis* x *Vandopsis*.
ophthalmodes: ref. *ophthalmos*: the eye + resembling. Has a depression at the base of the lip, or could be for the flower's centrally darker colouring (as the "eye"). cf. *Microstylis ophthalmodes*.
Ophthalmodes : see *ophthalmodes*. = *Microstylis* section.
orangana: for place name (+ belonging to): Orange Free State, or, could ref to the Orange River, South Africa. cf. *Habenaria orangana* Rchb.f. syn. *Habenaria dives*.

orbatum: I said: orb-like, wrong!. Listed as ex *orbare*: bereave; *orbatus*: bereaved. In bot. terms, infers a deprivation; loss; divestment, as with many plants that lose their leaves, or other parts. cf. *Oncidium orbatum*.

orbella: orb + small. cf. *Lepanthes orbella*.

orbicular, orbiculate: ex *orbis*: circle; *orbiculus*: small circle, + Eng. suffix: having, or like, etc. Any organ, or part having a flat circular shape. Like a circle; spherical.

orbiculare: orbicular. Refs. to the rounded labellum. cf. *Taeniophyllum orbiculare*.

orbicularis: orbicular. Ref. the labellum. cf. *Microtis orbicularis*. Noted as endemic to Aust.

orbiculata: orbiculate, see orbicular. cf. *Liparis orbiculata*.

orbiculatum: as *orbiculata*. cf. *Nematoceras orbiculatum*. syn. *Corybas rivularis*.

orbiculatus: as *orbiculata*. cf. *Corybas orbiculatus*. syn. *C. rivularis*.

orbilobulatum: *orbi-*, for a circular shape + small lobed. cf. *Dendrobium orbilobulatum*.

orbum: ref. *orbus*: lit., bereft of parents (: an orphan, also ref. *orphanus*. + See *orbatum*). As this example is a cross (hybrid), noted the author had doubts, as to its parentage. cf. *Cypripedium x orbum* Rolfe.

orchestris: looks familiar, but means: dance (dancer?). cf. *Lepanthes orchestris*.

x *Orchiaceras*: E.G.Camus 1892. Noted the name is taken from the parents as it was thought to be a natcross of *Orchis* x *Aceras*. syn. *Orchis* Tourn.ex L.

Orchiastrum: Ség.1754: *orchi-*: see orchid, or *Orchis* (?) + *-astrum*: of lesser quality; smaller; inferior. eg. *Orchiastrum porrifolium*. syn. *Spiranthes porrifolia*.

x *Orchicoeloglossum*: Asch.& Graebn.1907. The name is from the parents, as it was orig. thought to be a natcross of *Orchis* x *Coeloglossum*. syn. *Dactylorhiza*.

orchid: Plants with fantastically shaped flowers of many varied colours, sizes and shapes, with and without perfumes. Listed as from ancient Gk, *orkhis*: the testes, borrowed into Latin as *orchis* and into English, as orchid. The Gk. philosopher, Theophrastus of Eresos (c370-285BC.), is originally reported to have given orchids the colourful derivation of their name. Possibly he refs. to a labellum shape, being likened to the scrotum (as do many "slipper orchids"), or more likely, he associated the paired tuberoles of many European terrestrial species to the testes.

Orchidaceae: see orchid + suffix denotes it's a family. A large, globally widespread family of monocotyledonous plants. It is reported that at a current guesstimation, the total count of species, world-wide, is now nearing 30,000, running 2nd only to the grass family: *Gramineae*.

Orchidactyla: P.F.Hunt & Summerh.1965. The name is taken from the parents: it's a natcross of *Dactylorhiza* x *Orchis*. syn. x *Orchidactylorhiza*.

x *Orchidactylorhiza*: P.Delforge 2000. The name is taken from the parents as it's a cross of *Dactylorhiza* x *Orchis*. Monotypic ex Europe, cf. x *Orchidactylorhiza atacina*.

Orchidales: an order of the vegetable kingdom, which includes, *Apostasiaceae*, *Cypripediaceae* and *Orchidaceae*. + See orchid, *Orchidaceae*, rank.

x *Orchidanacamptis*: Labrie. On the syn. list, cf. *Anacamptis* x *Orchis*.

orchidea: see orchid + suffix: of; like, etc. cf. *Trichoglottis orchidea*.

Orchideae: see orchid + suffix denotes it's a tribe.

orchideum: as *orchidea*. cf. *Epidendrum orchideum*. syn. *Trichoglottis orchidea*.

orchideus: see *orchidea*. cf. *Ceratochilus orchideus*. syn. *Trichoglottis orchidea*.

orchidiflorum: see orchid + flower cf. *Epidendrum orchidiflorum*.

Orchidinae: *Orchis*, or orchid + suffix denotes it's a subtribe.

Orchidion: Mitch.1748: orchid, *Orchis*, or *orchis* (?), + dimin.= small orchid; a small *Orchis*; small testes. syn. *Arethusa* L.

orchidis: most likely, *Orchis* + like (as, see *habenarioidea*). cf. *Gymnadenia orchidis*.

orchidist: One who is a learned enthusiast, serious collector and/or student of orchids.

Not me, I just say I'm an orchidophile (see this entry + orchidologist).

Orchidium: Sw.1814: see orchid, *Orchis* + suffix: dimin., or characteristic of (?). Listed as ref. the tuberoids. syn. *Calypso* Salisb.

Orchidofunkia: A.Rich.& Galeotti 1845: "Funck's orchid". Listed for Nicolas Funck* (1816-1896) of Luxembourg. Phytologist, naturalist, bot. artist, collector and Director of the Zoological Gardens in Brussels and Cologne *(or, Funk? + see *Funkiella*). syn. *Cryptarrhena* R.Br.

Orchidoideae: *Orchis* + suffix denotes, it's a subfamily.

orchidology: descwd.: a specialised branch of Botany, dealing exclusively with orchids.
+ See orchidologist.

orchidologist: the term is often loosely applied for one who should probably be called an orchidist. One major ref. says it's only for a botanist, specializing in the study of orchids.

orchidophile: in keeping with researching all of my work, I checked all of my ref. books, inc. three English dictionaries and there's no such word listed! I know I've seen it written and used it myself, as: an "orchid lover" (or, like me: incurably afflicted with the fascination of orchids). I have noted a ref. to this word, listed for a publishing company "Orchidophile" of Argenteuil and Asnieres (suburbs of Paris, Fr.). This is not a free advertisement for the company, I was just interested to read that they have been operating for well over 100yrs and their early records would have to be fascinating.

Orchidotypus: Kraenzl.1906: see orchid + ref. *typus*: type; kind, etc. Could be: (a) type of orchid; (some) kind of orchid; (a) typical orchid (?). syn. *Pachyphyllum* Kunth.

x *Orchigymnadenia*: E.G.Camus (1892). The name is taken from the parents, ref.

Gymnadenia x *Orchis*. Noted as monotypic ex Europe.

x *Orchimantoglossum*: Asch.& Graebn.1907. The name is taken from the parents as it's a natcross of *Himantoglossum* x *Orchis*. Noted as monotypic in Europe (France?), cf. x *Orchimantoglossum lacazei* (E.G.Camus) Asch.& Graebn.1907.

orchioalcar: testicle + spur. cf. *Habenaria orchioalcar*.

Orchiodes: Trew ex Kuntze 1891: *Orchis* + resembling. Listed as likened to an *Orchis*. eg. *Orchiodes celebicum*. syn. *Goodyera grandis*.

orchiodes: see orchid, or *Orchis* + resembling (?). cf. *Ponthieva orchiodes*.

orchioides: testes + resembling. Ref. to the tuberoids. cf. *Cynorkis orchioides*.

x *Orchiophrys*: auct. On the syn. list, cf. *Ophrys* x *Orchis*.

Orchipeda: Breda ex Schltr.1914, see *Orchipedum*. syn. *Orchipedum*.

Orchipedium: Benth., see *Orchipedum*. syn. *Orchipedum*.

Orchipedum: Breda, Kuhl & Hasselt 1827: testicle + foot. ex Java, eg. *Orchipedum plantaginifolium*.

x *Orchiplatanthera*: E.G.Camus 1892. The name is taken from the parents as it's listed as a cross of *Orchis* x *Platanthera*. Noted as monotypic (ex Germany?).

-*orchis*, -*orkis*: used in combwds., see orchid. + Can sometimes ref. to the stolon(s) of terrestrials, if they're swollen, or lumpy.

Orchis: Tourn.ex L.1753: see orchid. Ex the Canary Islands and Europe to Iran, eg. *Orchis mascula* (L.) L.1755.

x *Orchiserapias*: E.G.Camus 1894. Listed as monotypic ex Europe and noted the name is taken from the parents, a reported natcross of *Orchis* x *Serapias*.

Orchites: Schur 1866: see orchid + suffix: belonging, or relative to. syn. *Traunsteinera*.

Orchoides: orchid + resembling, or *Orchis* + resembling (?). eg. *Orchoides bifidum*. syn.

Orcidice: Rchb.f.1854. Reported to be for a myth. minor goddess. As (mostly) all "gods" are noted as being very beautiful, it may be just to express "beauty". eg. *Orcidice amplexicaule*. syn. *Thrixspermum amplexicaule*.

order: in the taxonomical hierarchy, is subordinate to sub-class. See rank.

ordinata: see ordinate. cf. *Cadetia ordinata*.

ordinate: ref. *ordinatum*: ordered, or in succession; arranged. + Can mean: regular; even; in correct, or good order.

ordinatum: see ordinate. cf. *Dendrobium ordinatum*. syn. *Cadetia ordinata*.

oread: ref. Gk.myth., *oreias*: an oread; a mountain nymph (spirit; fairy). Some were good spirits, giving the feelings of happiness, pleasure and well-being. Others could be mischievous and malicious to the point of being evil and were blamed for any ill-fortune. + See *hamadryas*, dryad, nymph.

oreades: see oread. cf. *Platanthera oreades* var. *brachycentron*. syn. *P. mandarinorum*.

oreadum: see oread. cf. *Pedilochilus oreadum*. Noted as endemic to PNG.

oreas: see oread. cf. *Bulbophyllum oreas*. syn. *B. nematocaulon*.

orecta: see *orecto-*. cf. *Pleurothallis orecta*.

orecto-: used in combwds., ref. *orektos*: held out; (as if) reaching, or stretched out.

orectoglossa: see *orecto-* + tongue. cf. *Platystele orectoglossa*.

orectopetalum: see *orecto-* + petals. cf. *Bulbophyllum orectopetalum*.

orectopus: see *orecto-* + foot; footed. cf. *Pleurothallis orectopus*.

oregana: a contraction of Oregon + *-ana*: belonging to Oregon state, USA. cf. *Cephalanthera oregana* Rchb.f.1877. syn. *C. austiniae*.

oreganum: as *oregana*. cf. *Limodorum oreganum* (Rchb.f.) Kuntze 1891. syn. *Cephalanthera austiniae*.

oreibates: mountain + haunts; frequents (as: a montane habitat). cf. *Lepanthes oreibates*.

oreo-: used in compwds., ref. *oros*, *oreos*: mountain. Of, or for anything to do with a mountain (or, mountains).

oreocharis: mountain + grace; pleasure. cf. *Bulbophyllum oreocharis*.

oreodorum: mountain + gift. cf. *Bulbophyllum oreodorum*.

oreodoxa: see *oreo-* + *-doxa*, lit.: mountain glory. cf. *Dendrobium oreodoxa*.

oreogena: mountain + ref. *genos*: born; kind (for a montane habitat). cf. *Eria oreogena*. syn. *E. montana* (: of mountains).

oreogenes: (those) mountain-born, + see *oreogena*. cf. *Bulbophyllum retusiusculum* var. *oreogenes*.

oreogenum: as *oreogena*. cf. *Dendrobium oreogenum*.

oreonastes: mountain + resident; inhabitant. cf. *Bulbophyllum oreonastes*.

oreophila: mountain(s) + loves. cf. *Pterostylis oreophila*. syn. *P. dubia*. Noted as endemic to s.east Aust.

oreophilum: as *oreophila*. cf. *Dendrochilum oreophilum*.

oreophilus: as *oreophila*. cf. *Arthrochilus oreophilus*. Noted as endemic to Qld., Aust.

oreophylax: mountain + guard. cf. *Phreatia oreophylax*.

oreophyllax: was listed as such, but has to be an error for *oreophylax* as see the “correct name”. ex Fiji, cf. *Pinalia oreophyllax*. syn. *Phreatia oreophylax*.

oreophyllum: mountain + leaf (?). Could be a typerror and should be *oreophylum*: mountain + race; tribe, etc., which makes sense. But, also see *oreophyllus*. cf. *Cymbidium oreophyllum* (*oreophylum*?). Took this info. from a book, but the only one (sounding like it) on the official list is *Cymbidium oreophilum* syn. *C. kanran*.

oreophyllus: see *oreophyllum*, may be the same reasoning, as it’s very easy to write *phyllum*, when it’s used so often compared to *phylum*. It is possible, but I can’t find any precedent, that the specep. may be an obscure ref. to a colour: the dark, bluish grey-green of forested mountains (?). cf. *Arthrochilus oreophyllus* (*oreophyllus*?). Took this info. from a book, but there isn’t any official listing. Perhaps the entry was intended to be for *Arthrochilus oreophilus* (?).

Oreorchis: Lindley 1859: mountain + orchid. Noted as, probably because the first one examined by Prof. Lindley came from the Himalayas. eg. *Oreorchis foliosa*.

orestes: lit., a mountaineer (infers an alpine habitat?). Also could be for “beauty”, and/or to compliment *Cypripedium electra*. Ref. Gk.myth., **Orestes**: the very handsome brother of Electra (see *electra*). cf. *Cypripedium* x *orestes* H.J.Veitch 1889.

Orestias: Ridl.1887: may ref. to *orexis*: desire +suffix: desirable. Could also be for “beauty”, see *orestes*. ex Zaire, Africa, eg., *Orestias foliosa*.

organ: any part of a plant with a function determined by it’s cellular arrangements.

organense: from the Organ Mtns., north of Rio de Janeiro, Brazil. cf. *Campylocentrum organense* (Rchb.f.) Rolfe 1903.

organensis: as *organense*. cf. *Encyclia organensis* (Rolfe) Pabst 1972.

orgyale: is not to do with an orgy! Listed as ref. *orgyia*: an old unit of measurement. The word is attributed to Linnaeus’ adaption of it. Ref. **orgyalis**: fathom-long (or, high); the average distance from the tips of the middle fingers, when the arms are fully outstretched. Taken as approx.180cms. (6ft.). cf. *Cyrtochilum orgyale*.

oricola: mountain + dweller; resident. cf. *Pleurothallis oricola*.

oriental: ref. *oriens*: rising (as the sun), hence: of the east; eastern. To do with; of; belonging to, or from the east. Can sometimes infer an opposite to occidental.

orientale: see *oriental*. This one is from (nth.) eastn. Thailand. cf. *Bulbophyllum orientale* Seidenf.1979.

orientalis: of the east, see *oriental*. cf. *Caladenia fragrantissima* ssp.*orientalis* G.W.Carr 1991. Noted as endemic to Vic., s.east Aust.

orientis: eastern. cf. *Diuris orientis*. Noted as endemic to Aust., from **eastern** Sth.Aust. and NSW. to Tas.

orifice: ref. *orificium*: an opening; the mouth of a cavity. Often refs. to the mouth of the spur.

origami: refs. to origami: the ancient Japanese art of paper-folding. Creating intricate and decorative objects, orig. from a small piece of paper approx.15cms.(6") square. Ref. *ori*: fold + *kami*: paper. A clever allusion to the folded labellum. cf. *Bulbophyllum origami* J.J.Verm.1993.

originator: of a grex registration. The owner, or his assignee of the seed bearing plant (or, commonly: the mother plant), at the time of seed maturation (see "M"). The term is mostly applied relating to hybrids.

orion: ref. *oros*, *oreos* + dimin.: small mountain. But, more likely, refs. to the constellation of Orion*, as a fanciful allusion to the small cluster of flowers (surrounded by the relatively large leaf?). *Ref. Gk.myth.: Orion was a great hunter slain by his lover, Artemis, cut into pieces and placed in the heavens as the constellation of stars. cf. *Lepanthes orion*.

orinocoensis: from the Río Orinoco (river), forms the border between Colombia and Venezuela. cf. *Mormodes orinocoensis* Salazar & G.A.Romero 1994.

orizabensis: for place name (+ from). Noted, a city and three villages named Orizaba, of Veracruz and Chiapas states (being the given locations), Mexico. cf. *Habenaria orizabensis* A.Rich.& Galeotti 1845. syn. *Platanthera limosa*.

-orkis: ref. *orkhis* (see orchid). + Used the same as *-orchis*.

Orleanesia: Barb.Rodr.1877. Listed for Prince Gaston d'Orleans, Comte d'Eu. A generous patron of Brazilian horticulture. Of interest, see the entry for his wife, at *Isabelia*. ex Venezuela, eg. *Orleanesia maculata*.

oriundus: descwd.: derived from; originating from. + Can mean: native; aboriginal.

Ormerodia: Szlach.2003: of Ormerod, a prolific modern phytologist. Was going to omit this entry, as I haven't any further info., but he certainly merits the recognition. Throughout this text are many instances of his work. syn. *Cleisostoma* Blume.

Ormostema: Raf.1838. Is probably ref. (*h*)*ormos*: necklace; chain + *stema*: stamen (: anther area, apex of the column). Or, knowing how Mr.Raf. abbreviates his names, it could be ref. *stemma*: a wreath; garland, etc. syn. *Dendrobium* Sw.

ornamentissimum: ref. *ornamentum*: dress; adornment; decoration + emphatic suffix: very, etc.. + Can simply be: well-dressed. cf. *Bulbophyllum ornamentissimum*. syn. *Bulbophyllum putidum* (: putrid). Of interest, perhaps the author examined a dead specimen as it's certainly attractive, but noted it has a putrid perfume and surely this would have been featured if it had been fresh. This is highlighted by the "correct name".

ornata: ref. *ornatus*: decorated; adorned; ornate. cf. *Caladenia x ornata* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

ornatissima: ornate + very, etc.. cf. *Phyllorkis ornatissima*. syn. *Bulbophyllum ornatissimum*.

ornatissimum: ornate + very, etc. cf. *Bulbophyllum ornatissimum*.

ornatum: as *ornata*. cf. *Bulbophyllum ornatum*.

ornatus: as *ornata*. cf. *Petalochilus ornatus*. syn. *Caladenia carnea* var. *ornata*. Noted as endemic to Vic., Aust.

ornipteridion: bird + *pteridion*: small wing. cf. *Lepanthopsis ornipteridion*.

ornith-: used in compwds., ref. *ornithos*: bird. For anything to do with a bird; bird-like, etc.

ornithantha: bird + flower. cf. *Disa ornithantha*.

Ornitharium: Lindley & Paxton 1851: bird + place of. Could also be: like a small bird.

Noted, the flower was likened to be concealing a small white bird, with a purple head. ex Nepal to Malesia, eg. *Ornitharium striatulum*. syn. *Pteroceras teres*.

Ornithidiformes: like a small bird + shape.= *Eria* section. syn. Now, ref. the genus *Epiblastus*.

ornithidii: like a small bird + of. cf. *Epidendrum ornithidii*.

ornithidioides: like a small bird + resembling. cf. *Mediocalcar ornithidioides*.

Ornithidium: R.Br.1813: like a small bird. Noted the flowers were likened to small bird's heads. eg. *Ornithidium densum*. syn. *Maxillaria densa*.

ornithis: of a bird. cf. *Gymnadenia ornithis*. syn. *G. conopsea*.

ornithocephala: bird + head. cf. *Microcoelia ornithocephala*.

Ornithocephalinae: *Ornithocephalus* + suffix denotes it's a subtribe.

ornithocephaloides: bird + head + resembling. cf. *Oncidium ornithocephaloides*. syn. *Oncidium trulliferum*.

ornithocephalum: bird + head. cf. *Oncidium ornithocephalum*.

Ornithocephalus: Hook.1824: bird + head. Alluding to the anther. ex Ecuador, eg. *Ornithocephalus dolabratus*.

Ornithochilus: (Lindley) Wall.ex Benth.1883: bird + lip. Labellum is reported to be likened to a bird in flight. ex China to west Malesia, eg. *Ornithochilus difformis*.

x *Ornithocidium*: Leinig 1967: the name is taken from the parents. Listed as a cross of *Oncidium* (-*cidium*) x *Ornithophora* (***Ornitho-***). Noted as monotypic ex sthn. Brazil.

ornithoflorum: bird + flower. cf. *Dendrobium ornithoflorum*.

ornithoglossum: bird + tongue.cf. *Bulbophyllum ornithoglossum*. syn. *B. zebrinum*.

ornithoides : bird + resembling. cf. *Eria ornithoides*.

ornithology: *ornithos*: bird + *logos*: a discourse. The scientific study of birds. + Ref. *ornithologist*: one skilled in the knowledge of ornithology.

ornithophily: technical term for when flowers are pollinated by birds.

Ornithophora: Barb.Rodr.1881: bird + bearing. Reported as to ref. the column from the side, likened to a bird. Noted as monotypic ex Brazil, cf. *Ornithophora radicans*.

ornithopoda: bird + foot. cf. *Habenaria ornithopoda*. syn. *H. laevigata*.

ornithopodon: bird + foot. cf. *Oncidium ornithopodon*.

ornithopodum: bird + foot. cf. *Oncidium ornithopodum*.

ornithorhynchum: bird + ref. *rhynchos*: beak, etc. cf. *Bulbophyllum ornithorhynchum*.

ornithorhynchus: bird + beak. cf. *Cirrhopetalum ornithorhynchus*. syn. *Bulbophyllum ornithorhynchum*.

ornithorrhyncha: bird + beak. cf. *Aeranthus ornithorrhyncha*. syn. *Campylocentrum ornithorrhynchum*.

ornithorrhynchos: bird + beak. cf. *Liparis ornithorrhynchos*.

ornithorrhynchum: bird + beak. cf. *Oncidium ornithorrhynchum*.

ornithorrhynchus: bird + beak. cf. *Catasetum ornithorrhynchus*. syn. *C. fimbriatum*.

ornonensis: from Ornon. Noted two towns of this name in France: of Isère, Rhône-Alpes and/or of Puy-de-Dôme, Auvergne. cf. *Dactylorhiza x ornonensis* (G.Keller & Jeanj.) Soó 1962.

oroana: ref. El Oro Province (+ belonging to), Ecuador. cf. *Sobralia oroana* Dodson 1998.

orobanchoidea: see *orobanchoides*. cf. *Neottia orobanchoidea*. syn. *N. nidus-avis*.

orobanchoides: *Orobanche* + resembling. Noted as ref. *Orobanche*: a genus of small parasitic herbs, commonly: broomrape, of the family, *Orobanchaceae*. They are devoid of chlorophyll, attach to the roots of other plants, taking the nutrients and eventually kill the host. (After all this, I still don't know what it looks like, will have to get a book with a picture). ex nthn. India, cf. *Gastrodia orobanchoides* (Falc.) Hook.f. syn. *G. exilis*.

oroensis: I said: from a mountain, but it's listed as: from El **Oro** Province, central westn. Andes, Ecuador. cf. *Erythroxylon oroensis* Dodson 1994.

orographical: of orography: the branch of physical geography that details the features, composition, formations, etc., of mountains.

orohense: for place name (+ from), officially listed as ex New Guinea. But, possibly may ref. to Mount **Orohena**, highest peak of the Society Islands (on Tahiti, of the Windward Islands), French Polynesia. cf. *Bulbophyllum orohense* J.J.Sm.1915.

orophila: mountain(s) + loves. For its montane habitat. cf. *Aeranthus orophila*.

orophilum: as *orophila*. cf. *Cyrtopodium orophilum*.

orphanidesii: for botanist and author, Theodoros Georgios Orphanides [+ of] (1817-1886). ex Greece, cf. x *Orchiserapias orphanidesii* G.Keller.

orphanum: ref. *orphanus*: orphan. + See *orbatum*, maybe a similar circumstance. cf. *Cypripedium x orphanum* Veitch ex Rchb.f.

orpheus: again is for "beauty". Ref. Gk.myth. (Very briefly) Orpheus was a handsome demi-god, famed for his magical and enchantingly beautiful music (with a lyre). cf. *Cypripedium x orpheus* Rolfe. Listed among the synonyms with no further info., except it's a *Paphiopedilum* hybrid.

orpnophilla: is officially listed as such, but haven't any ref. to *-philla*. Maybe an error for **orpnophylla**: ref. *orpnos*: dark; of dusk + leaf. ex New Guinea, cf. *Cystorchis orpnophilla* Schltr. (*orpnophylla*?).

ortalis: ref. *ortalis*, *ortalichos*: a chicken; young bird. Noted, the labellum freely moves up and down, likened to the action of a chicken pecking the ground. cf. *Bulbophyllum ortalis*.

ortegae: by the given location, could be: of Hacienda Ortega (village), Pichincha Prov., Ecuador. It's also possible, it may ref. to botanist, naturalist and author, Casimiro Gómez de Ortega (1740-1818). cf. *Pleurothallis ortegae* Luer & Hirtz 1996.

ortgiesianum: as *ortgiesianum*. ex the Philipp., cf. *Aerides ortgiesianum* Rchb.f. syn. *A. roebelenii*.

ortgiesiana: as *ortgiesianum*. ex Cuba, cf. *Cattleyopsis ortgiesiana* (Rchb.f.) Cogn.

ortgiesianum: belonging to Ortgies. Listed for botanist and author, Karl Eduard Ortgies (1829-1916) of Zurich, Switzerland. ex Colombia, cf. *Odontoglossum ortgiesianum* Sander. syn. *O. x andersonianum*.

ortgiesii: as *ortgiesianum*. ex Colombia, cf. *Erythroides ortgiesii* (Van Geert) Garay 1956.

orth-: used in compwds., ref. *orthos*: upright; straight; erect. + Can be: correct; normal.

orthacanthus: see *orth-+acanthus*: prickle; spike, etc. Noted this whilst reading and forgot to include its refs. Went right through the official listings (all 2,304 pages) and there's no entry for this specep., for any genus. However, that's what it means.

orthantha: see *orth-+ flower*. cf. *Lankesterella orthantha*.

Orthocatsetum: see *orth-+ Catasetum*. = *Catasetum* section.

orthocaule: see *orth-+ stem*; stalk. cf. *Epidendrum orthocaule*.

orthocaulis: as *orthocaule*. cf. *Habenaria orthocaulis*. syn. *H. cornuta*.

orthocentron: see *orth-+ spur*. cf. *Calanthe orthocentron*. syn. *C. triplicata*.

orthocentrum: see *orth-+ spur*. cf. *Aerides orthocentrum*.

Orthoceras: R.Br.1810: see *orth-+ horn(s)*. Ref. the erect lateral sepals. ex S.east Aust. to New Caledonia, eg. *Orthoceras strictum*.

orthoceras: see *orth-+ horn*. cf. *Holothrix orthoceras*.

Orthochilus: Hochst.ex A.Rich.1850: see *orth-+ lip*. syn. *Eulophia* R.Br.ex Lindl.

orthoclinium: see *orth-+ small bed*. cf. *Epidendrum orthoclinium*.

orthodontum: see *orth-+ tooth*. cf. *Epidendrum orthodontum*.

orthoglossum: see *orth-+ tongue*. cf. *Bulbophyllum orthoglossum*.

orthographic: of, or to do with orthography: the art, or study of spelling. +
Orthographer: one who is an exponent, or student of orthography. Noted, "orthographical error" in a discussion and couldn't remember it's meaning, so had to look it up: spelling error.

Orthopenthea: Rolfe 1912: see *orth-+ Penthea*. Has affinities to *Penthea* (?). syn. *Disa*.

orthophyllum: see *orth-+ leaf*. cf. *Epidendrum orthophyllum*.

orthoplectra: see *orth-+ see plectrum*: spur. cf. *Eulophia orthoplectra*.

orthoplectron: as *orthoplectra*. cf. *Trichocentrum orthoplectron*.

orthoplectrus: as *orthoplectra*. cf. *Lissochilus orthoplectrus*. syn. *Eulophia orthoplectra*.

orthopoda: see *orth-+ foot*. cf. *Aeranthus orthopoda*.

orthorhynchum: see *orth-+ ref. rhynchos*: snout; beak. Ref. the rostellum. cf. *Taeniophyllum orthorhynchum*. syn. *T. schlechteri* Mansf.

orthosepala: see *orth-+ sepal*. cf. *Pelexia orthosepala*.

orthosepalum: see *orth-+ sepal*. cf. *Bulbophyllum orthosepalum*.

orthostachys: see *orth-+ see stachy-*: spike (inflo.), etc. cf. *Pleurothallis orthostachys*.

orthostates: lit., very straight and erect. Ref. the raceme. cf. *Oncidium orthostates*.

orthostatoides: as *orthostates*+ resembling. Was possibly likened to *Oncidium orthostates* (?). cf. *Oncidium orthostatoides*.

orthotis: see *orth*-+ *otos*: ear (upright ears?). cf. *Oncidium orthotis*. syn. *O. abortivum*.

ortiziana: listed for P.Ortiz (+ belonging to), author, phytologist and authoritative collector. ex Colombia, cf. *Platystele ortiziana* Luer & R.Escobar 1990.

ortizii: as *ortiziana*. ex Costa Rica, cf. *Prosthechea ortizii* (Dressler) W.E.Higgins 1998.

Ortmannia: Opiz 1834. Listed for German chemist, botanist and noted grower, esp. of Bohemian (Czech.) flora, Anton Ortmann (1801-1861), of Karlsbad. Descs. accr. to him are abbr. to: Ortm. syn. *Geodorum* Jacks.

-orum: suffix used in combwds.: of; like; belonging to; having the nature, or quality; the state, or condition (of). eg. *magnicamporum* freely trans. to: of, or belonging to the Great Plains (region, USA.) Sometimes in a grammatical change, *-orum* becomes *-arum*. NB., don't confuse this with *-etorum*: habitat; place of growth.

Orxera: Raf.1838. Throughout this text, I often complain how heavily Mr.Raf. abbreviated his names, but he was obviously taking some of the tenets of Linnaeus (see "L") seriously. ie. It is of little importance what the name means, but it should be kept reasonably short, easy to spell, easy to pronounce (making sense phonetically) and easy to remember. With most of his names, I have managed to present a logical and sensible explanation and I have a couple of ideas for this one. It's fairly obvious he's coined this from two words: firstly, because the plant is an orchid, this gives "*Or*-" and the "*-xera*", may be ref. *ceras*: horn (note the epithet of the example, *cornuta*: horned). Then again, "*-xera*" could be ref. *xeros*: dry, the same way (much later) Dr.Schlechter coined *Xerorchis* (see "X"). Like so many names by Mr.Rafinesque-Schmaltz, this one is also a synonym. eg. *Orxera cornuta* is syn. to *Aerides odoratum*.

-osa, *-osum*, *-osus*: used in combwds.: -like; full of; with many; plenty; an abundance; prominent; completely, or well developed. + Can be an emphasis: extremely; very, etc.

oscarii: of Oscar. For the given name of Oscar Moreno, see *morenoi*. ex Colombia, cf. *Masdevallia oscarii* Luer & R.Escobar 1979.

oscillifera: ref. *oscillum*: swing + bearing. cf. *Lepanthes oscillifera*.

oscitans: descwd.: gaping; yawning. Also can be: languid; listless; sleepy (as: drooping; nodding; nutant). cf. *Pleurothallis oscitans*.

osculatum: ref. *osculum* + suffix: like, or having a little mouth. cf. *Catasetum osculatum*.

os-draconis: mouth + dragon. cf. *Masdevallia os-draconis*.

osiris: ref. Egyptian myth., Osiris: ruler of the underworld and the dead. Was also associated as a source of renewed life. cf. *Lepanthes osiris*. Luer & R.Escobar 1994.

osm-, *osmo*-, *-osma*, *-osmum*, *-osmus*: used in compwds., ref. *osme*: smell; perfume; scent; odour. Can be good, or bad. Also see *osmo*-.

osmanica: listed as Lat'd. spelling for place name: the Ottoman region + belonging to. An oblique ref. to where it was found: the Anatolia area of Turkey. cf. *Dactylorhiza osmanica* (Klinge) P.F.Hunt & Summerh.

osmantha: perfume + flower. cf. *Encyclia osmantha*.

osmanthum: perfume + flower. cf. *Epidendrum osmanthum*. syn. *Encyclia osmantha*.

osmo:- used in combwds. and can be confusing. With some words, it couldn't ref. to smell (see *osm*-) and has to be ex *osmos*: a thrusting; pushing; pushed forward (as: poking out, or as if being ejected, or squeezed out).

Osmoglossum: Schltr. 1916: could be, see *osmo*:- thrusting out, and/or see *osm*:- for its very pleasant perfume (?) + *-glossum* (: tongue): for the beautiful labellum. ex Mexico, etc., eg. *Osmoglossum pulchellum*.

osmophore: lit., a scent-bearer. A gland which emits perfume, as distinct to a nectary. + See club, pheromones.

osmophytopsis: see *osmo*- + plant + appearance. cf. *Dendrobium osmophytopsis*.

Osmophytum: see *osm*:- for the perfume + ref. *phyton*: plant. = *Encyclia* section.

osmosis: where moisture and dissolved minerals, salts, acids, etc., are absorbed by the roots and by an upward capillary action, are distributed to the chloroplasts for the process of photosynthesis. See these entries + see carbohydrates, phloem, stoma, xylem. For the etym. of osmosis, ref. *osmos*: a thrusting; pushing + of.

osmosperma: see *osmo*- + seed. Should be ref. the pollinia. cf. *Pleurothallis osmosperma*. syn. *Pleurothallis obovata*.

ospinae: may be for H. Mariano Ospina (+ of), phytologist and author. Listed as ex Colombia, could also be for a place name, noted some villages and a town, called Ospina (?). cf. *Lepanthes ospinae* Garay 1969. syn. *L. nummularia*.

Ossiculum: P.J. Cribb & Laan 1986: listed as ref. *ossiculum*, the dimin. of *ossis*: bone. Noted as monotypic ex Cameroon, Africa, cf. *Ossiculum aurantiacum*.

ostia: descwd., ref. *ostium*: a door; entrance. Was in a discussion and ref. to cauline leaf-sheaths, at the point of expansion into the blade.

ostrina: see *ostrinus*. cf. *Corunastylis ostrina*. syn. *Genoplesium ostrinum*. Noted as endemic to NSW., Aust.

ostrinoglossum: ref. *ostrinus*: a royal purple + tongue. cf. *Dendrobium ostrinoglossum*. syn. *Dendrobium lasianthera*. In PM. PNG., its common name was "Sepik blue", although more dark reds, pinks and purple, than "blue". Majestic and magnificent, I had one given to me, which did come from the Sepik area (east coast, PNG.).

ostrinum: see *ostrinus*. The flowers were desc. as purple-violet. cf. *Dendrobium ostrinum*.

ostrinus: a colour term: "royal" purple. From when the nobility wore (very expensive) purple clothing, to proclaim their status. + See muricate.

os-viperae: viper's mouth. cf. *Masdevallia os-viperae*.

osyri:- used in combwds., ref. *osyris*. Listed as orig. a Gk. word for a kind, or type of plant (unknown). + Ref. *Osyris*: a genus of the sandalwood family: *Santalaceae* (NB., this is not the tree famous for its perfumed wood, this: the genus *Santalum*).

osyricera: see *osyri*- + horn. cf. *Bulbophyllum osyricera*.

Osyricera: Blume 1825: as *osyricera*. eg. *Osyricera purpurascens*. syn. *Bulbophyllum macphersonii* Rupp.

osyriceroides: listed as compared to *Bulbophyllum osyricera* (+ *-oides*: resembling). cf. *Bulbophyllum osyriceroides*.

-ota, -otum, -otus: used in compwds. and denotes: of; like; having; being; the state, or condition (of); made of; relative to, etc. I usually say: having, or like. eg. see *crossota*.

Otandra: Salisb.1812: ref. *otos*: ear + man; male (: ears at the male part). Has two projections at the anther. eg. *Otandra cernua*. syn. *Geodorum densiflorum*.

otarion: lit., small ear. cf. *Trichosalpinx otarion*.

-otes: used in combwds., a suffix: usually added to a noun and denotes the feature, or quality.

Otochiloides: ear + lip + resembling, or *Otochilus* + resembling (?). = *Pholidota* section.

otochilum: ear + lip. Noted, the labellum was likened to an ear. cf. *Bulbophyllum otchilum*.

Otochilus: Lindley 1830: ear(s) + lip. The labellum basal lateral lobes were likened to ears. ex Nepal to China, eg. *Otochilus albus*.

x *Otocolax*: auct. On the syn. list, cf. ***Colax* x *Otostylis***.

Otoglossum: (Schltr.) Garay & Dunst.1976: ear + tongue. ex Ecuador, eg. *Otoglossum axinopterum*.

Otoglossum: ear + tongue. = *Oberonia* section.

otoglossum: ear + tongue. cf. *Bulbophyllum otoglossum*.

x *Otonisia*: auct. On the syn. list, cf. ***Aganisia* x *Otostylis***.

ototmeton: ear + ref. *tmetos*: cut. cf. *Oncidium ototmeton*.

x *Otopabstia*: Garay. On the syn. list, cf. ***Otostylis* x *Pabstia***.

Otopedilum: ear + ref. *pedilon*: foot covering; slipper, etc. = *Paphiopedilum* subgenus.

otopetala: ear + petals, or see -*petalum*: wide, etc. cf. *Lepanthes otopetala*.

Otopetalum: F.Lehm. & Kraenzl.1899: ear + petals, or could be, see -*petalo*:- wide, etc. (ie. it has wide ears ?). syn. *Pleurothallis* R.Br.

otopetalum: as *Otopetalum*. cf. *Pleurothallis otopetalum*.

otophyllon: ear + leaf. cf. *Liparis otophyllon*. syn. *L. lindeniana*.

x *Otosepalum*: auct. On the syn. list, cf. ***Otostylis* x *Zygosepalum***.

Otosepalum: ear + sepals. = *Goodyera* section.

otostalix: ear(s) + upright stake. cf. *Lepanthes otostalix*. syn. *L. biloba*.

Otostylis: Schltr.1918: ear(s) + see style. Has ear-like projections on the column. ex Brazil, eg. *Otostylis paludosa*.

ottoniana: listed as Lat'd. spelling (+ belonging to) for German phytologist and author, Christoph Friedrich Otto (1783-1856), who was Director of the Hamburg Bot. Garden. Ex sthn. Africa, cf. *Polystachya ottoniana* Rchb.f.1855.

ottonis: see *ottoniana*. ex the central trop. Americas and the Caribbean, cf. *Nidema ottonis* (Rchb.f.) Britton & Millsp.1920.

otuhanica: for place name (+ belonging to), only listed as ex nthn. Borneo cf. *Calanthe otuhanica* C.L.Chan & T.J.Barkman 1997.

oulmesiaca: belonging to Oulmes, a minor city of westn. central Morocco. cf. *Serapias* x *oulmesiaca* H.Baumann & Künkele 1989.

ouricanense: from Ouricana, a town of Bahia state, Brazil. cf. *Oncidium ouricanense* V.P.Castro & Campacci 1992.

ouritensis: for place name (+ from), listed as ex Andalucía (aka. Andalusia), sthn. Spain.

cf. *Ophrys ouritensis* Giutonn.1963. syn. *Ophrys scolopax*.

ouro-branquensis: for place name (+ from), listed as ex Brazil. Noted a few cities and a town called Ouro Branco (?). cf. *Habenaria ouro-branquensis* Hoehne 1937. syn. *H. guilleminii*.

outbatchensis: from Outbatche, a coastal village of n.east New Caledonia. cf. *Phreatia outbatchensis* Schltr.1906. syn. *P. stenostachya*.

outeniquense: for place name (+ from), listed as ex Sth.Cape, South Africa. Noted a ref. to a village, Outeniekwa of Mossel Bay, Western Cape Prov. (? Sounds like it). cf. *Satyrium outeniquense* Schltr.1897.

outeniquensis: as *outeniquense*. cf. *Disa outeniquensis* Schltr.1924. syn. *Disa hians*.

ova-avis: egg + bird. cf. *Masdevallia ova-avis*. syn. *M. tridens*.

ovafolia: egg + leaf. For the leaf shape. cf. *Gyrostachys ovafolia*. syn. *Cyclopogon elatus*.

oval: ref. *ovum*: egg + suffix: of, etc. Broadly elliptic; likened to an egg (-shape), in a flat plane.

ovale: see oval. Ref. the lip. cf. *Prasophyllum ovale*. Noted as endemic to West.Aust.

ovalifolia: oval + leaf. cf. *Hetaeria ovalifolia*.

Ovalifoliae: (those with) oval leaves.= *Disa* section.

ovalifolium: oval + leaf. cf. *Cyclopogon ovalifolium*.

ovalifolius: oval + leaf. cf. *Cynorkis ovalifolius*.

ovaliformis: oval + shape. cf. *Brassavola ovaliformis*. syn. *B. tuberculata*.

ovalis: see oval. Ref. the lip. cf. *Oberonia ovalis*.

ovalisepala: oval + sepal. cf. *Malaxis ovalisepala*.

ovalisepalum: oval + sepal. cf. *Crepidium ovalisepalum*. syn. *Malaxis ovalisepala*.

ovalitepalum: oval + tepals. cf. *Bulbophyllum ovalitepalum*.

ovaloid: oval + resembling; oval-shaped; oval-like. Mostly, the word used is ovate.

ovariophora: ovary + bearing. cf. *Habenaria ovariophora*. syn. *Peristylus ovariophorus*.

ovariophorus: ovary + bearing. cf. *Peristylus ovariophorus*.

ovary: ref. *ovarium*: eggs + place of. The section at the upper part of the pedicel, at the base of the column-foot and contains the ovules. Fertilised it swells and becomes the capsule. A major organ of the female reproduction system and is bot. known as an "inferior ovary" because of its low positioning. Often, is important in botanical taxonomy* for its shape, size, colour, surface texture, or condition, etc.

*+ See phytography.

ovata: see ovate. For a leaf shape. cf. *Cryptostylis ovata*. Noted as endemic to West.Aust.

ovate: ref. *ovatus*. Egg-like; egg-shaped in a flat plane, tapering to both rounded ends.

Widest below the middle, like an egg with the broader end at the point of attachment. + See obovate (: the other way around).

ovatifolia: ovate + leaf. cf. *Pelexia ovatifolia*.

ovatifolium: ovate + leaf. cf. *Dendrobium ovatifolium*.

ovatilabellum: ovate + lip. cf. *Bulbophyllum ovatilabellum*.

ovatilabia: ovate + lip. cf. *Platystele ovatilabia*.

ovatilabium: ovate + lip. cf. *Oncidium ovatilabium*. syn. *Cyrtorchilum tricostatum*.

ovatilabius: ovate + lip. cf. *Kreodanthus ovatilabius*.
ovatilabris: ovate + lip. cf. *Ceratostylis ovatilabris*.
ovatiloba: ovate + lobe. cf. *Promenaea ovatiloba*.
ovatilobum: ovate + lobe. cf. *Zygopetalum ovatilobum*. syn. *Promenaea ovatiloba*.
ovatipetala: ovate + petals. cf. *Dichaea ovatipetala*. syn. *D. muricata*.
ovatipetalus: ovate + petals. cf. *Dipteranthus ovatipetalus*. syn. *Zygostates ovatipetala*.
ovatolanceatum: ovate + see lanceate. cf. *Bulbophyllum ovatolanceatum*.
ovatum: see ovate. cf. *Dendrobium ovatum*.
ovatus: see ovate. cf. *Phlebochilus ovatus*. syn. *Caladenia ovata*. Endemic to Sth. Aust.
oviedomotae: for place name (+ of), only listed as ex Michoacán state, Mexico. Noted a minor city called Alberto **Oviedo Mota**. cf. *Miltonioides oviedomotae* (Hagsater) Senghas 1997.
ovifolia: egg + leaf, for the shape. cf. *Tainia ovifolia*. syn. *Mischobulbum ovifolium*.
ovifolium: as *ovifolia*. cf. *Mischobulbum ovifolium*.
ovilis: a contraction of *ovum*: egg + suffix: like, etc. cf. *Eria ovilis*.
ovipostoriferum: eggs + behind; later; after + bearing. cf. *Dendrobium ovipostoriferum*.
ovoid: egg + like; resembling. Same as ovate, but as a solid.
ovoidea: see ovoid + of. cf. *Habenaria ovoidea*. syn. *Peristylus maingayi*.
ovular: of, or relative to ovules. See the entry.
ovulare: as ovular. cf. *Scaphosepalum ovulare*.
ovules: put it in the plural as there are always many more than one. Ref. *ovulum*: small egg. Contained within the ovary, they become the seeds after fertilization.
ovulum: small egg. Alluding to a pseudobulb. cf. *Epidendrum ovulum*. syn. *Encyclia microbulbon* (: small bulb).
oweniae: see *owenianum*, but the suffix is feminine (may be for a fem. relation?). cf. *Phaius oweniae* Sander. syn. *Phaius tankervilleae*.
oweniana: as *owenianum*. cf. *Laelia* x *oweniana* O'Brien. Noted as a synonym, without date, location, or "correct name".
owenianum: listed for noted grower, G.D.Owen (+ belonging to) of Rotherham, Eng. ex Colombia, cf. *Odontoglossum* x *owenianum* Rolfe. syn. *O* x *limbatum*.
oxapampae: of Oxapampa, see *oxapampense*. cf. *Pleurothallis oxapampae* Luer 1982.
oxapampaensis: as *oxapampense*. cf. *Masdevallia oxapampaensis* D.E.Benn. & Christenson 2001.
oxapampense: from Oxapampa, a town of Pasco Department (admin. division), Peru. cf. *Epidendrum oxapampense* Hagsater 1999.
oxapampensis: as *oxapampense*. cf. *Lepanthes oxapampensis* D.E.Benn. & Christenson 2001.
oxy-: used in compwds., ref. *oxys*: sharp. For sharp points, prickles, or anything that is "sharp". + Can ref. to smell: sour; acrid. A good example, see next entry.
oxyacanthosmum: sharp + prickles + smell: acrid smelling (as: prickling inside the nostrils). cf. *Oncidium oxyacanthosmum*. syn. *O. longipes*.
Oxyanthera: Brongn. 1829: sharp + see anther. syn. *Thelasis* Blume.
Oxyanthera: sharp + see anther. = *Oxyanthera* section.

oxyantheroides: sharp + anther + resembling, or *Oxyanthera* + resembling (?). cf. *Phreatia oxyantheroides* Schltr.1905.

oxyanthos: sharp + flower. cf. *Brachystele oxyanthos*.

oxyanthum: sharp + flower. cf. *Bulbophyllum oxyanthum*.

oxyanthus: sharp + flower. cf. *Hapalochilus oxyanthus*. syn. *Bulbophyllum oxyanthum*.

oxybaphon: tried to split this, but it's listed as one word: small plate; saucer. Alluding to the leaf. cf. *Lepanthes oxybaphon*.

oxycalyx: sharp + calyx (?). Could be rather complicated, see *oxy-*+ see *calyx*. cf. *Epidendrum oxycalyx*.

oxycentron: sharp + spur. cf. *Rhipidoglossum oxycentron*.

oxyceras: sharp + horn. cf. *Sigmatostalix oxyceras*.

oxycheila: sharp + lip. Was listed as such, but may be an error for *oxychela*, as there isn't any official listing for *Octomeria oxycheila*.

oxychela: sharp + claw (see *chelae*). cf. *Octomeria oxychela*.

oxychila: sharp + lip. cf. *Polystachya oxychila*. syn. *P. dolichophylla*.

oxychilos: sharp + lip. cf. *Trichosalpinx oxychilos*. syn. *T. orbicularis*.

oxychilum: sharp + lip. cf. *Dendrobium oxychilum*.

Oxygenianthe: I jumped in too and said it's for oxygen (as, air), but it's *oxy-*+ *gen-*+ *anthe*: sharp + kind + flower. Listed as refs. to the acute mentum.= *Dendrobium* section.

oxyglossa: sharp + tongue. cf. *Disperis oxyglossa*.

Oxyglossellum: M.A.Clem.& D.L.Jones 2002: sharp + tongue + dimin. syn. *Dendrobium* Sw. + See notes at *cyanocentrum*. Pers.coll.

oxyglossum: sharp + tongue. cf. *Dendrobium oxyglossum*. Pers.coll., fairly common ex PM.PNG.

Oxyglossum: sharp + tongue.= *Dendrobium* section.

oxyglossus: sharp + tongue. cf. *Acianthus oxyglossus*.

oxyglottis: sharp + tongue. cf. *Serapias oxyglottis*. syn. *Serapias lingua*.

oxylobum: sharp + lobe(s?). cf. *Dendrobium oxylobum*.

oxyodon: sharp + tooth, toothed (?). cf. *Bulbophyllum oxyodon*. syn. *B. falcatum*.

oxynanodes: sharp + see *nan-*: dwarf, etc.+ resembling. cf. *Epidendrum oxynanodes*.

oxypetala: sharp + petals. cf. *Lepanthes oxypetala*.

oxypetalum: sharp + petals. cf. *Epidendrum oxypetalum*. syn. *Encyclia oxypetala*.

oxyphylla: sharp + leaf. cf. *Encyclia oxyphylla*.

oxyphyllum: sharp + leaf. cf. *Dendrobium oxyphyllum*.

oxyphyllus: sharp + leaf. cf. *Podochilus oxyphyllus*.

oxyptera: sharp + wing. cf. *Phyllorks oxyptera*. syn. *Bulbophyllum maximum*.

oxypterum: sharp + wing. cf. *Bulbophyllum oxypterum*. syn. *B. maximum*.

oxyrhynchus: sharp; pointed + beak. cf. *Arachnites oxyrhynchus*. syn. *Ophrys holoserica*.

oxyrrhynchus: sharp + beak. cf. *Ophrys holoserica* ssp.*oxyrrhynchus*.

oxys: descwd., has many meanings: acute; sharp; (sharp) pointed; acrid; sour; quick; keen.

Oxysepala: Wight 1851: sharp + sepal. syn. *Bulbophyllum Thouars*.

oxysepala: sharp + sepal(s?). cf. *Appendicula oxysepala*.

oxysepaloides: *Oxysepalum* + resembling. cf. *Bulbophyllum oxysepaloides*.

Oxysepalum: Wight 1851: sharp + sepal. syn. *Bulbophyllum* Thouars.

oxysepalum: sharp + sepal(s?). cf. *Chilopogon oxysepalum*.

oxysepalus: sharp + sepal(s?). cf. *Podochilus oxysepalus*.

oxystegium: sharp + ref. *stegein*: to cover; *stegium*; covering; roof. cf. *Oncidium oxystegium*.
syn. *O. auriferum*.

oxystophylla: as *Oxystophyllum*. cf. *Callista oxystophylla*. syn. *Dendrobium concinnum*.

oxystophylloides: see next entry (+-oides: resembling). cf. *Podochilus oxystophylloides*.

Oxystophyllum: Blume 1825: *oxysto*:- (sharp) cutting; most sharp; sharpest (?) + leaf. cf.

Oxystophyllum excavatum. syn. *Dendrobium excavatum*.

Oxystophyllum: as last entry.= *Dendrobium* section.

oxystophyllum: see *Oxystophyllum*. *Oberonia oxystophyllum*.

oyacachiense: from Oyacachi village, Napo Prov., Ecuador. cf. *Epidendrum oyacachiense*
Hágsater 1992.

ozettensis: from Ozette, a small town on the ntn. shore of Lake Ozette (or, for the area),
Washington state, USA. cf. *Corallorrhiza maculata* var. *ozettensis* Tischer 2001. syn.
C. maculata var. *maculata*.

paanajaervica: for place name (+ belonging to). Among the given locations, could ref. to Paanayarvi (now, a N.Park) of Karelia, n.west Russia, and or Paamajarvi (lake), n.west Finland (?). cf. *Orchis angustifolia* forma *paanajaervica* Klinge 1899. syn. *Dactylorhiza traunsteineri* ssp. *curvifolia*.

pabloi: may be for a person's name (+ of). From the given location, also ref. Pablo Creek (village), Izabal Prov., Guatemala. cf. *Lepanthes pabloi* Luer & Béhar 2000.

Pabstia: Garay 1973: listed for Guido Frederico João Pabst [+ of] (1914-1980). Famous Brazilian authority, phytologist and author of many works, inc. *Orchidaceae Brasilienses* which means: "The Orchid family Those of Brazil" (with co-author, Dr.F.Dungs, see *dungsii*). ex Brazil, eg. *Pabstia jugosa*.

pabstiana: belonging to Pabst, see *Pabstia*. ex Jalisco state, Mexico, cf. *Mormodes pabstiana* J.Cardeñas, A.Ramirez & S.Rosillo 1983.

Pabstiella: Brieger & Senghas 1976: see *Pabstia* + respectful suffix. syn. *Pleurothallis*.

pabstii: of Pabst, see *Pabstia*. ex Brazil, cf. *Bulbophyllum pabstii* Garay 1973.

pacayana: belonging to Pacaya. Ref Volcán **Pacaya** (volcano), Escuintla Prov., Guatemala. Or, **Pacaya** (village) of San José Prov., Costa Rica. cf. *Pleurothallis pacayana* Schltr.

pachecoi: listed for Don Mariano Pacheco (+ of) of Guatemala City, Guatemala, cf. *Cattleya pachecoi* Ames & Correll 1943. Of interest, this species is noted as the national flower of Costa Rica. syn. *Cattleya skinneri*.

pachensis: for place name (+ from), only listed as ex Colombia. May ref. to Pacho (village) of Cundinamarca Department. cf. *Telipogon pachensis* Rchb.f.1877.

Pachiphyllum: Llave & Lex.1825. syn. see *Pachyphyllum*.

Pachites: Lindley 1835: ref. *pachytes*: thickness. Ref. the thick rostellum. ex S.West Cape Prov., Sth.Africa, eg. *Pachites appressa*.

pachnodes: listed as the one word and lit.: cold; chilly; frosty. cf. *Cranichis pachnodes*. syn. *Cranichis ciliata*.

pachoi: of Pacho, may be for a person's name, but also see *pachensis*. ex Colombia. cf. *Epidendrum pachoi* Hágsater & L.Sánchez 2001.

pachy-: used in compwds., ref. *pachys*: thick; stout; fleshy.

pachyacris: checked this a few times, see *pachy-*+ *akris*: a thick, or stout grasshopper. cf. *Schoenorchis pachyacris*.

pachyacron: thick + ref. *akros*, see *acro-*: at the top; topmost. cf. *Maxillaria pachyacron*.

pachyambon: thick + *ambon*: crest; pulpit. Ref. the column. cf. *Oberonia pachyambon*.

pachyantha: thick + flower. cf. *Masdevallia pachyantha*.

Pachyanthe: thick + flower.= *Bulbophyllum* section.

pachyanthum: thick + flower. cf. *Dendrobium pachyanthum*. syn. *D. katherinae* A.D.Hawkes 1957.

pachybulbon: thick + bulb. cf. *Coelogyne pachybulbon*. syn. *C. trinervis*.

pachybulbum: thick + bulb. cf. *Bulbophyllum pachybulbum*. syn. *B. graveolens*.

pachycarpum: thick + fruit (capsule). cf. *Epidendrum pachycarpum*. syn. *Encyclia chacaoensis*.

pachycaulon: thick + stem. cf. *Platanthera pachycaulon*.

Pachycentron: Schltr.1914: thick + ref. *kentron*: spur. syn. *Pachyplectron* (note, this also means: thick + spur).

pachycephala: thick + head. cf. *Eria pachycephala*.

pachycephalum: thick + head. cf. *Epidendrum pachycephalum*. syn. *E. variegatum*.

pachyceras: thick + horn. cf. *Dendrobium pachyceras*. syn. *D. smillieae*. Pers.coll., see notes at *smillieae*.

pachychila: thick + lip. cf. *Caladenia pachychila*. Noted as endemic to West.Aust.

pachychilum: thick + lip. cf. *Calonema pachychilum*. syn. *Caladenia pachychila*.

Pachychilus: Blume 1828: thick + lip. eg. *Pachychilus pantanus*. syn. *Pachystoma pubescens*.

pachychilus: thick + lip. cf. *Phlebochilus pachychilus*. syn. *Caladenia pachychila*.

pachydactylon: thick + digit; finger. Ref. the column. cf. *Cynoches pachydactylon*.

pachydactylum: this is probably an error, see *pachydactylon*. cf. *Cynoches pachydactylum* (: *Cynoches pachydactylon*?).

pachygastrum: thick + belly; stomach + characteristic of, or dimin. (?). cf. *Epidendrum pachygastrum*. syn. *E. ventricosum* (: swollen, like a belly).

Pachygenium: (Schltr.) Szlach, R.González & Rutk.2001: thick + born; kind; type, etc. syn. *Pelexia* Poit.ex Rich.

pachyglossa: thick + tongue. cf. *Oberonia pachyglossa*. Pers.coll., common ex PM.PNG.

pachyglossum: thick + tongue. cf. *Dendrobium pachyglossum*.

pachyglossus: thick + tongue. cf. *Gastrochilus pachyglossus*. syn. *Schoenorchis pachyglossa*.

pachygyne: thick + woman. Refs. to the stigma, or ovary (?). cf. *Masdevallia pachygyne*.

pachyhybos: see *pachy*-+ hump. cf. *Telipogon pachyhybos*. syn. *T. obovatus*.

Pachyne: Salisb.1812: fleshy (+ see *pachy*-), or could be a contraction, *Pach(ys)*-+ (*g*)yne: thick + woman (for the ovary, or stigma?). syn. *Phaius* Lour.

pachyneura: thick + see *neuro*:-: nerve(s), or vein(s). cf. *Habenaria pachyneura*. syn. *Peristylus pachyneurus*.

pachyneuroides: as *pachyneura* + resembling. Was probably compared to *Peristylus pachyneurus* (?). cf. *Peristylus pachyneuroides*.

pachyneuron: see *pachyneura*. cf. *Bulbophyllum pachyneuron*.

pachyneurus: as *pachyneura*. cf. *Peristylus pachyneurus*. Noted as endemic to New Guinea.

Pachyone: Salisb.1812: thick; stout. Noted as ref. the plant appearance. The leaves, + with the inflo. makes it look "thick" (stout; overweight). syn. *Phaius*.

pachyphylla: thick + leaf. cf. *Thelymitra pachyphylla*. syn. *T. pulchella*.

Pachyphyllinae: *Pachyphyllum* + suffix denotes it's a subtribe.

Pachyphyllum: Kunth 1816: thick + leaf. ex Ecuador to Peru, eg. *Pachyphyllum distichum*.

pachyphyllum: thick + leaf. cf. *Bulbophyllum pachyphyllum*.

pachyphyllus: thick + leaf. cf. *Sarcophyton pachyphyllus*.

pachyphyta: thick + plant. cf. *Pleurothallis pachyphyta*.

pachyphyton: thick + plant. cf. *Epidendrum pachyphyton*.

Pachyplectron: Schltr.1906: thick + see *plecto*:-: spur. eg. *Pachyplectron arifolium*. Noted as endemic to New Caledonia.

pachypodum: thick + foot. cf. *Epidendrum pachypodum*. syn. *E. blepharistes*.

pachypus: thick + foot; footed. cf. *Liparis pachypus*. syn. *L. bootanensis*.

pachyrachis: as *pachyrhachis*. cf. *Pleurothallis pachyrachis*. syn. *Bulbophyllum pachyrhachis*.
pachyrhachis: thick + see *rachis*: flower stem part. Has a strange inflo. with almost sessile flowers on a thick, fleshy, drooping rat's-tail-like axis. cf. *Bulbophyllum pachyrhachis*.
pachyrhiza: thick + root(s). cf. *Diaphananthe pachyrhiza*. syn. *Rhipidoglossum pulchellum*.
Pachyrhizanth: (Schltr.) Nakai 1931: thick + roots + flowers, eg. *Pachyrhizanth nipponica*. syn. *Cymbidium macrorhizon*.
Pachyrhizanth: as last entry. = *Cymbidium* section.
pachyrhizum: thick + root(s). cf. *Podochilus pachyrhizum*.
pachyrrhachis: thick + *rachis*, info. see *pachyrhachis*. cf. *Bulbophyllum pachyrrhachis*. syn. *Bulbophyllum pachyrhachis*.
pachyrrhyncha: thick + beak; snout, etc. cf. *Pleurothallis pachyrrhyncha*. syn. *Bulbophyllum bracteolatum*.
pachyrrhizum: thick + root(s). cf. *Campylocentrum pachyrrhizum*.
pachyrrhizus: thick root(s). cf. *Aeranthus pachyrrhizus*. syn. *Campylocentrum pachyrrhizum*.
pachyrrhyza: thick + root(s). cf. *Aeranthus pachyrrhyza*. syn. *Campylocentrum pachyrhizum*.
pachysepal: thick + sepal. cf. *Masdevallia pachysepal*.
pachysepalum: thick + sepal. cf. *Epidendrum pachysepalum*. syn. *Prosthechea vespa*.
pachystachya: thick + see *stachy*:- spike, etc. cf. *Eria pachystachya*.
pachystachyum: as *pachystachya*. cf. *Stenorrhynchos pachystachyum*. syn. *S. discoides*.
pachystalix: thick + see *stalix*: stake(: column). cf. *Calanthe pachystalix*.
Pachystele: Schltr. 1923: thick + see *stela*: pillar; column. syn. *Scaphyglottis*.
pachystele: thick + column. By the description, it's very short and thick ("... columna perbrevis, crassa..."). cf. *Dendrobium pachystele*.
Pachystelis: Rauschert 1983: see *Pachystele*. Or: thick + see *Stelis* (?). syn. *Scaphyglottis* Poepp. & Endl.
pachystemma: thick + crown; garland; wreath. cf. *Microcoelia pachystemma*. syn. *M. koehleri* (Schltr.) Summerh. 1939.
Pachystoma: Blume 1825: thick + stoma: mouth. ex Myanmar, eg. *Pachystoma nutans*.
pachystomoides: thick + mouth + resembling, or resembles *Pachystoma* (?). cf. *Didymoplexis pachystomoides*.
pachytelos: thick + *telos*: end. Ref. apex of labellum. cf. *Bulbophyllum pachytelos*.
pachythrix: thick + *thrix*: hair. Ref. the ovary and exterior of the flower is very hairy. cf. *Dendrobium pachythrix*.
pachyura: thick + tail. Or, could be *pachy*- + see *-ura*: thickened (?). cf. *Jumellea pachyura*.
pachyurum: thick + tail. Probably ref. the spur. cf. *Angraecum pachyurum*.
pacifica: freely trans.: to make, or be peaceful. This doesn't translate literally, as because the plant is from Fiji, the spec. is simply noting it's from the Pacific (Islands) region. cf. *Spathoglottis pacifica* Rchb.f. 1868.
pacificum: as *pacifica*. cf. *Cleisostoma pacificum* P.J. Cribb & B.A. Lewis 1989.
-pacta, *-pactum*, *-pactus*: used in comwds., ref. *pactere*: to fix. Fixed, + ref. *pactus*: settled; bound, etc.

pacuarensis: for place name: from Pacuar (village), San José Prov., Costa Rica. cf. *Chaubardiella pacuarensis* Jenny 1989.

padangense: from Padang. Listed as ex Sumatra, there are a few places of this name, inc. a major city (west coast) and an island (off east coast). cf. *Dendrobium padangense* Schltr. syn. *Flickingeria forcipata*.

padangensis: same as *padangense*. Listed as ex west Sumatra, this species was noted as being from Gunung (Mt.) Singgalang. cf. *Appendicula padangensis* Schltr.

padilliana: listed for place name: belonging to Padilla (village), Tucumán Prov., Argentina. cf. *Malaxis padilliana* L.O.Williams 1939.

paganus: descwd., rural; of the country; rustic. (Easy to see the etym. for our word "pagan")

paguroides: ref. *pagurus*, *pagourus*: a crab + resembling. cf. *Malaxis paguroides*.

pahangense: from Pahang state, West Malaysia. cf. *Taeniophyllum pahangense* Carr 1932.

pahangensis: as *pahangense*. cf. *Distichorchis pahangensis* (Carr) M.A.Clem.2003. syn. *Dendrobium pahangense* Carr 1930.

paishambae: listed for place name: of Pais Pamba (village), Cauca Department, Colombia. cf. *Masdevallia paishambae* F.Lehm.& Kraenzl.1921. syn. *M. xanthina* ssp. *klabochorum* (Rchb.f.) Luer 1988.

paivaeana: listed for botanist, J.A.Rodrigues de Paiva (+ belonging to). Noted as ex Peru to Argentina, cf. *Habenaria paivaeana* Rchb.f.1878.

paivaeanus: as *paivaeana*. ex Africa and the Arabian Peninsula, cf. *Lissochilus paivaeanus* Rchb.f.1865. syn. *Eulophia streptopetala*.

pajitense: for place name (+ from), listed as ex Coclé Prov., Panama. cf. *Oerstedella pajitense* (C.Schweinf.) Hágsater 1981.

pakshipadalensis: for place name (+ from), only listed as ex s.west India. cf. *Oberonia pakshipadalensis* M.Kumar & Sequiera 1998.

palaceous: ref. *palaceus*: of an organ (or, part) attached by its margin, onto another organ.

palaceum: see *palaceous*. cf. *Bulbophyllum palaceum*. syn. *Sunipia cirrhata*.

palachila: ref. *pala*: spade; shovel + lip. Ref. labellum mid-lobe. cf. *Diuris x palachila* R.S.Rogers 1907. Listed as a natcross of *Diuris behrii* x *D. pardina*. Noted as endemic to Aust.(Sth.Aust. and Vic.)

palaciosii: may be for a person's name (+ of). Listed as ex Ecuador, also noted a village called Cordero **Palacios** of Azuay Prov.(?) cf. *Otoglossum palaciosii* (Dodson) M.W.Chase & N.H.Williams 2001.

palaelabellata: of a shovel, or spade + lip + like; having. cf. *Coelogyne palaelabellata*. syn. *Calanthe aceras*.

palaelabellatum as *palaelabellata*. cf. *Gynoglottis palaelabellatum*. syn. *Calanthe aceras*.

palaeo-, *paleo-*: used in combwds., ref. *palaaios*: old; ancient. For the appearance of looking "old" (: faded; wrinkled, etc.).

palaestina: ref. *palaestinus*, Latin spelling: of Palestine. cf. *Ophrys x macrostachys* nothosubsp. *palaestina* H.Baumann & Künkele.

palaga: lit., a gold ingot. Ref. the golden yellow petals. cf. *Lepanthes palaga*.

palangshanense: for place name (: from Palang Mtn.?), listed as ex Sichuan Prov., China.
cf. *Cypripedium palangshanense* T.Tang & F.T.Wang 1936.

palatoflora: ref. *palatum*: taste; roof of the mouth, or ref. *palatus*: straggled; wandered (?) + flower(s?). cf. *Lepanthes palatoflora*.

palawanense: from Palawan (island, listed as ex Mt.Pulgar), Philipp. cf. *Dendrochilum palawanense* Ames 1908. syn. *D. kingii** (Hook.f.) J.J.Sm.1904. *(Info. see *Kingiella*).

palawanensis: as *palawanense*. cf. *Phalaenopsis luedemanniana* var. *palawanensis* Quis. syn. *Phalaenopsis hieroglyphica*.

palawense: from Palau, main island of the Caroline Islands group. cf. *Dendrobium palawense* Schltr.1914.

palawensis: as *palawense*. cf. *Sayeria palawensis* (Schltr.) Rauschert 1983. syn. *Dendrobium palawense*.

paleacea: ref. *pale*: chaff + see *-acea*: like, etc. Infers: (of) scale; scaly. + See paleaceous. cf. *Phreatia paleacea*.

paleaceous: ref. *paleaceus*: scaly; chaffy. Like chaffy scales; having a rough chaff-like surface.

paleaceum: see paleaceous. cf. *Epidendrum paleaceum*. syn. *Nidema boothii*.

paleaceus: see paleaceous. cf. *Physurus paleaceus*. syn. *Erythodes paleacea*.

paleae: often a feature of many *Bulbophyllum* species, but not restricted to them, eg. *Pleurothallis schiedei*, *Cadetia maideniana* (et al.) also have paleae. They are small appendages attached by fine filiform stalks to the floral segments, are usually very mobile and obviously function as a visual enticement to an insect pollinator. Many look weird (to us) and are of varied shapes and sizes. They can be smooth, hairy, rough and of different colours, etc. With some *Bulbophyllum* species the petals are reduced to a minute stump and the remainder (of the petal) transformed into the paleae. Saw some well detailed drawings and was amused, as one lot looked like little stalked sausages.

palearifer: listed as ref. *palear*: dewlap; loose folds of skin at the throat of some animals + bearing. Refs. to the appendages at the base of the column. cf. *Corybas palearifer*.

palearifera: as *palearifer*. cf. *Corysanthes palearifera*. syn. *Corybas palearifera*.

paleata: chaff-like; scaly, see paleaceous. cf. *Phreatia paleata*.

paleatum: as *paleata*. cf. *Ornithidium paleatum*. syn. *Maxillaria paleata*.

paleiferum: chaff (as, scales) + bearing. cf. *Bulbophyllum paleiferum*.

palembanica: belonging to Palembang city, Sumatera Selatan Prov., Sumatra. cf. *Vanilla palembanica* Teijsm.& Binn.1967.

paleus: a vague colour term: straw-coloured. (+ Ref. *pale*: chaff + of).

palilabre: scaly + lip, or see *labrum*: edge, etc. cf. *Bulbophyllum palilabre*.

Paliris: Dumort.1827. Listed as an anagram of *Liparis*, for its likeness. syn. *Liparis* Rich.

pallas: again is for "beauty". Ref. Gk.myth., **Pallas** Athena, aka., Parthenos: (: "the Maiden"); Athena (equivalent in Roman myth.: Minerva). A virgin goddess, daughter of Zeus (king of the "gods"). Most important in the hierarchy, as the goddess of Wisdom* and War and the protector and patron of cities, industry, art, etc. *To appear visible and give advice to heroes and mortals, she often took

the form of an owl, which is how this bird became a symbol of "Wisdom". cf. *Cypripedium x pallas* N.E.Br.1891. Listed among the synonyms, without date, location, or "correct name".

pallatangae: for place name: of Pallatanga (village), Chimborazo Prov., Ecuador. cf. *Epidendrum pallatangae* Schltr.1917.

pallens: fading; waning. cf. *Diuris pallens*. syn. *D. pedunculata*. Noted as endemic to Aust.

pallescons: tending to, or becoming pale. cf. *Bulbophyllum pallescens*. syn. *B. bifarium*.

pallid-: used in combwds., ref. *pallidus*: pale; wan, etc.

pallida: pale. cf. *Pholidota pallida*. In PM.PNG., we incorrectly applied this to *Pholidota imbricata*. Have since learned *Pholidota pallida* comes from India.

pallidiflava: pale + yellow. cf. *Maxillaria pallidiflava*. syn. *M. microphyton*.

pallidiflavens: pale + yellowing. cf. *Dendrochilum pallidiflavens*.

pallidiflavum: pale + yellow. cf. *Bulbophyllum pallidiflavum*. syn. *B. cylindrobulbum*.

pallidiflavus: pale + yellow. cf. *Elleanthus pallidiflavus*. syn. *E. aurantiacus*.

pallidiflora: pale + flower. cf. *Nervilia pallidiflora*.

pallidiflorum: pale + flower. cf. *Dendrobium nobile* var. *pallidiflorum*. syn. *Dendrobium primulinum*.

pallidiflorus: pale + flower. cf. *Colax pallidiflorus*. syn. *Xylobium pallidiflorum*.

pallidipetala: pale + petals. cf. *Calanthe sylvatica* var. *pallidipetala*. syn. *C. sylvatica*.

pallidiviridis: pale + green. cf. *Habenaria pallidiviridis*.

pallidulus: ref. *pallidus*: pale + dimin. suffix: slightly, or a little pale.

pallidum: pale. cf. *Prasophyllum pallidum*. Noted as endemic to Sth.Aust. and Vic., Aust.

pallidus: pale. cf. *Calopogon pallidus*.

palliatus: ref. *pallium*: cape; cloak; robe + wide; broad. cf. *Pleurothallis palliatus*.

palmaris: ref. *palma*: palm of the hand + suffix: of. + Listed as an old measurement, taken as approx.75mms. (3"), for an av. distance across the palm of the hand. Also the word can mean: a small palm (tree; palm plantlet).

palmaritoensis: for place name (+ from), only listed as ex Bolivia, Colombia and Ecuador. Noted many places called Palmarito. cf. *Lepanthes palmaritoensis* Garay 1956. syn. *L. pilosella*.

palmarum: ref. *palma*: palm + of (+ see *palmaris*). cf. *Vanilla palmarum*.

palmata: as palmate. cf. *Orchis palmata*. syn. *Dactylorhiza incarnata*.

palmate: likened to the palm of the hand. Also alludes to resembling a hand (although, this is usually expressed as *cheir-*, or *chir-*). Or, being like a palm (frond, or tree).

palmatum: see palmate. cf. *Angraecum palmatum*. syn. *A. palmiforme*.

palmeiraensis: for place name (+ from), listed as ex Rio de Janeiro state, Brazil. May ref. to Palmeiras village (?). cf. *Stelis palmeiraensis* Barb.Rodr.1881.

palmeirensis: as *palmeiraensis*. cf. *Pleurothallis palmeirensis* Pabst 1956. syn. *Trichosalpinx bicolor*.

palmeirinhense: for place name: from Palmeirinha, a town of Maranhão state, n.east Brazil. cf. *Catasetum palmeirinhense* A.T.Oliveira & J.B.F.Silva 2001.

palmense: for place name (+ from), listed as ex Costa Rica. Noted five villages, named Palma. cf. *Epidendrum palmense* Ames. syn. *E. magnibracteatum*.

palmensis: for place name (+ from), only listed as ex Colombia. cf. *Masdevallia palmensis* Kraenzl.1925. syn. *M. heteroptera*.

palmensis: for place name (+ from), only listed as ex Bolivar Prov., Ecuador. cf. *Maxillaria palmensis* Dodson 1994.

palmerstoniae: listed for orig.coll., Ms.C.Palmerston (+ of). cf. *Dendrobium palmerstoniae* Schltr.1907. syn. *Dendrobium adae*.

palmicola: palm + dweller; resident. Not that the plant lives exclusively on palm trees. Refs. to the raceme (as the resident) which arises from between the leaves of the plant, which was likened to a palm frond. cf. *Oberonia palmicola*. syn. *Oberonia titania*. Pers.coll., very common ex PM.PNG.

palmicolum: palm + dweller; resident. cf. *Agraecum palmicolum* Bosser 1990.

palmicolus: palm + dweller. cf. *Lissochilus palmicolus*. syn. *Eulophia palmicola*.

palmidium: palm + like + of, or small. cf. *Epidendrum palmidium*.

palmifolia: palm + leaf. cf. *Eria palmifolia*.

palmifolium: palm + leaf. + See *palmaris*. cf. *Selenipedium palmifolium*.

palmiforme: palm + shape. + See *palmate*; *palmaris*. cf. *Angraecum palmiforme*.

palmiformis: as *palmiforme*. cf. *Listrostachys palmiformis*. syn. *Angraecum palmiforme*.

palmifrons: palm (+ see *palmaris*) + leaf (+ see *frondis*). cf. *Cyrtopodium palmifrons*.

Palmoglossum: Klotzsch ex Rchb.f.1856: ref. *palma*: palm (+ see *palmaris*; *palmate*), + tongue. syn. *Pleurothallis* R.Br.

palmophilum: palm + loves. cf. *Oncidium palmophilum* (?). Noted this from a book, but there isn't any official listing.

Palmorchidinae: *Palmorchis* + suffix denotes it's a subtribe.

palmorchidis: *Palmorchis* + like. cf. *Pelexia palmorchidis*.

Palmorchis: Barb.Rodr.1877: palm + orchid. Noted the plant appearance was likened to a palm plantlet. ex Trinidad to Brazil, eg. *Palmorchis pubescentis*.

palorae: for place name: of Palora (village), Morona Santiago Prov., Ecuador. cf. *Chondrorhyncha palorae* (Dodson & Hirtz) Senghas & G.Gerlach 1992.

palpebrae: ref. *palpebra*: eyelid (+ of). cf. *Dendrobium palpebrae*.

palpebralis: eyelid + of; relative to. cf. *Lepanthes palpebralis*.

palpigeneum: *palpi* is plural of *palpus*, ref. *palpare*: to feel. *Palp*, *palpus*: a jointed sense organ on the lower jaw of insects (: a feeler) + *geneum*, ref. *geneus*: a type; kind, etc. cf. *Epidendrum palpigeneum*. Took this from a book, but there isn't any official listing.

palpigera: *palpi* + bearing (: bearing feelers, see *palpigeneum*). cf. *Pleurothallis palpigera*. syn. *Myoxanthus reymondii*.

palpigerum: as *palpigera*. cf. *Epidendrum palpigerum*. syn. *E. flexuosum*.

paludal: ref. *palus*, *paludis*: marsh; swamp. Of marshes, swamps, etc. eg. *paludal* habitat.

paludicola: marsh; swamp + dweller; resident. cf. *Dendrobium paludicola*. syn. *D. lobbii*.

paludicolum: marsh + dweller. cf. *Cyrtopodium paludicolum*.

paludicolus: marsh + dweller. cf. *Lissochilus paludicolus*. syn. *Eulophia angolensis*.

paludigena: marsh + born; kind. cf. *Liparis paludigena*. syn. *L. rheedei*.

paludosa: see *paludose*. cf. *Caladenia paludosa*. Noted as endemic to West.Aust.

paludose: of, belonging to, or anything to do with marshes, swamps. Grows in marshy areas. + See paludal.

paludosum: see paludose. cf. *Prasophyllum paludosum*. syn. *P. drummondii* Rchb.f.1871. Noted as endemic to West.Aust.

paludosus: see paludose. cf. *Calochilus paludosus*. Noted, it's not restricted to swampy areas and has many varied habitats. Probably, it was first found near a swamp.

Palumbina: Rchb.f.1863: ref. *palumbina*: belonging, or relative to a pigeon, or dove. Most often, refs. to a colour, see *palumbinus*. eg. *Palumbina candida*. Noted as monotypic, Mexico to Guatemala.

palumbinus: a vague colour term: dove-grey. + Can be for (paler) shades of grey.

palustre: a descwd. (of habitat): relative to swamps, or marshes; found growing in wet areas.

palustre: as *palustre*. cf. *Saccolabium palustre*. syn. *Malleola palustris*.

palustris: as *palustre*. cf. *Diuris palustris*. Noted as endemic to s.east Aust.

pampangense: for place name: from the Pampang River area, and/or Pampang Prov., Luzon, Philipp. cf. *Bulbophyllum pampangense* Ames 1923.

pampatamboense: from Pampatambo village, Potosí Department, Bolivia. cf. *Epidendrum pampatamboense* Dodson & R.Vásquez 1989.

pamplonense: for place name: from Pamplona (village), Cesar Department, Colombia. cf. *Epidendrum pamplonense* Rchb.f. syn. *Prosthechea pamplonensis* (Rchb.f.) W.E.Higgins 1998.

pamplonensis: as *pamplonense*. cf. *Telipogon pamplonensis* Rchb.f.1858.

pan-: used in compwds., ref. *pantos*: all; of all; the whole; every; every one, etc.

pan: could be ref. *pantos*, see *pan-*. + Ref. Pan, ex Gk.myth. (+ *Panikos*: of Pan): an important benevolent god of nature, flocks and herds, esp. to rural dwellers (+ ref. Latin, Faunus). Usually depicted as half-man and half-goat, dancing and playing magical music on his pan-pipes (trivium, these are aka.: "syrinx", see *syring-*). Also, it may be to do with its high altitude habitat ("gods" are often associated with high places), as it was found on Gunong Tahan, Malaya's highest mountain. cf. *Bulbophyllum pan* Ridl.

panamense: from Panama. cf. *Campylocentrum panamense* Ames 1922.

panamensis: from Panama. cf. *Dichaea panamensis* Lindley 1833.

Panarica: Withner & P.A.Harding 2004: for place name (+ belonging to). By the given locations, may ref. to Panari (village), Potosi, Bolivia. syn. *Prosthechea*.

panattensis: for place name (+ from), listed as ex Sardinia Island, Italy. cf. *Ophrys panattensis* Scrugli, Cogoni & Pessei 1992.

panchganiensis: from Panchgani city, Maharashtra state, Westn.Ghats (mnts.), India. cf. *Habenaria panchganiensis* Santapau & Kapadia 1957.

panchrysum: see *pan-*: all + ref. *chrysos*: gold. Flower is (mostly) a beautiful yellow. cf. *Oncidium panchrysum*. syn. *O. anomalum*.

pandaneti: cf. *Dendrobium pandaneti* Ridl.1896. I thought for a person's name, but it's listed that the plant is most often found growing on a pandanus palm (see *pandanus*).

pandanetorum: pandanus (see *pandanum*) + habitat. Seems to prefer this tree as a host. cf. *Bulbophyllum pandanetorum*.

pandanicola: pandanus (see *pandanum*) + resident; dweller. Often found epiphytic on a pandanus. cf. *Dendrobium subclausum* var. *pandanicola*.

pandanifolia: pandanus (see *pandanum*) + leaf. cf. *Eria cymbidifolia* var. *pandanifolia*.

pandanum: ref. pandanus: can be a liana-like plant, or a tree-like shrub (also likened to a palm). Commonly called: the screw pine (family: *Pandanaceae*). I've called them a lot worse, as the leaves can cut you to ribbons! cf. *Dipodium pandanum*, for some superficial likeness to a pandanus. syn. *Dipodium scandens*.

pandina: ref. *pandus*: curved; crooked; bent + see -*ina*: like, etc. cf. *Restrepia pandina*. syn. *Restrepia maculata*.

panduana: belonging to Pandu (village) on the Brahmaputra River, Assam, India. cf. *Bonatea panduana* Lindley 1832. syn. *Habenaria digitata*.

pandurata: see pandurate. cf. *Eria pandurata*.

pandurate: ref. *pandura*: a fiddle + suffix: fiddle-like; fiddle-shaped (without the neck). Of an organ, or part, waisted in the centre like a figure "8".

panduratum: see pandurate. Ref. the labellum. cf. *Dendrobium panduratum*.

panduratus: see pandurate. cf. *Podochilus panduratus*.

pandurichilum: pandurate + lip. cf. *Dendrochilum pandurichilum*.

pandurella: *pandura* + -*ella*: small fiddle (-shape). cf. *Bulbophyllum pandurella*.

pandurifer: as *pandurifera*. cf. *Eurycaulis pandurifer*. syn. *Dendrobium panduriferum*.

pandurifera: fiddle (see pandurate) + bearing. cf. *Pleurothallis pandurifera*.

panduriferum: as *pandurifera*. cf. *Dendrobium panduriferum*.

panduriform: fiddle + shape. See pandurate.

panduriforme: panduriform, see pandurate. Ref. the lip. cf. *Oncidium panduriforme*.

panduriformis: panduriform. cf. *Chloraea panduriformis*. syn. *C. longipetala*.

pandurilabia: fiddle (see pandurate) + lip. cf. *Masdevallia pandurilabia*.

panduripetala: see pandurate + petals. cf. *Pleurothallis panduripetala*.

panegyricum: have no ref. to *pane*- and I think the "e" is there as a spacer, or perhaps because it sounds better, or is dictated by grammar (?). So, it's *pan*-+ *gyricum*: all circling (+ see *gyro*-). Was proven right when I found the "correct name" and it refs. to the flowers (see *umbel* + see -*fer*). cf. *Epidendrum panegyricum*. syn. *E. umbelliferum*.

panganiana: belonging to the Pangani River, Tanzania, Africa. cf. *Eulophia panganiana* Kraenzl.1900. syn. *E. odontoglossa*.

pangasinanense: from Pangasinan Province, n.west Luzon, Philipp. cf. *Dendrobium pangasinanense* Ames 1923.

pangeate: ref. *pangeatus*: crowded. Condensed; closely packed.

pangerangi: listed for place name ex westn. Java, Indon. Have two possibilities: ref. Mount Pangerango (*Gunung Pangrango*), a volcano (by the spelling, seems the most likely). + Ref. Pangarangan, a sth. coast village (?), Jawa Barat (: Java West). cf. *Bulbophyllum pangerangi* Rchb.f.1857. syn. *B. gibbosum*.

panguiensis: for place name (+ from), only listed as ex s.east Ecuador. cf. *Masdevallia panguiensis* Luer & Andreeta 1983.

panica: see *pan*-+*-ica*: belonging to, or ref. *Panikos*: of Pan (?). + See entry, *pan*. This species, from The Andes, also has a montane habitat. It's also possible it may ref. to a millet (grain): *Panicum*, see *panicifolium*, *paniferum*. cf. *Andinia panica*.

panicifolium: ref. *Panicum*: a genus of millet (: a grain, of the grass family: *Gramineae*), + leaf. + Ref. *panus*, see *paniferum*. cf. *Angraecum panicifolium*.

panicle: a branched, racemose inflorescence. See "I", separate section on inflorescences.

panicoides: see *panica*, *panicifolium*, *panicle* (?) + resembling. cf. *Epidendrum panicoides*.

paniculata: see *paniculate*. cf. *Caladenia paniculata*. syn. *C. marginata*.

paniculate: like, or having a small panicle (inflorescence. See "I"). + Can be: tufted, ref. *paniculus* + suffix: like; having.

paniculatum: as *paniculate*. cf. *Bulbophyllum paniculatum*. A Bulbo. with a branched inflo. (? , never heard of it), read on and it's a synonym of *Ridleyella paniculata*. Noted as monotypic and endemic to New Guinea.

Paniculatum: as *paniculate*. = *Cleisostoma* section.

paniculatus: as *paniculate*. cf. *Diplodiscus paniculatus*.

paniculosum: see *paniculate* +*-osa*: with many, or like having small panicles. cf. *Epidendrum paniculosum*.

paniculus: descwd., a tuft. Can also be for a small ear of millet (*panus* + dimin.).

paniferum: had all sorts of strange ideas for this, but by the description and line drawings, it's ref. *panus*: ear of millet (+ see *panicifolium*) + bearing. Alluding to the raceme, likened to a spike of millet (have often seen wild millet, and yes it is). cf. *Dendrobium paniferum*.

panigrahiana: as *panigrahianum*. ex India, cf. *Habenaria panigrahiana* S.Misra 1981.

panigrahianum: belonging to Gopinath Panigrahi (b1924), phytologist and author. ex India, cf. *Bulbophyllum panigrahianum* S.Misra 1986. syn. *B. sarcophyllum*.

panisca: as *paniscus*. cf. *Lepanthes panisca*.

paniscus: listed as ref. *Paniskos*, the dimin. of Pan (a god of Gk.myth., see *pan*). cf. *Bulbophyllum paniscus*.

Panisea: (Lindley) Lindley 1854, nom.cons.: all + equal. Refs. to the floral segments. ex Nepal, China and Indo-China, eg. *Panisea uniflora*.

pannea: ref. *pannus*: piece of cloth; (like) wool, or felt cloth, + see *pannose*. cf. *Eria pannea*.

pannose: ref. *pannosus*: having the appearance, or texture of felt, or woolen cloth.

pano-lefkaron: see *lefkarensis*. cf. *Ophrys* x *pano-lefkaron* Bourdon 1986.

panope: should imply "beauty". Listed as ref. Gk.myth., Panope was a very beautiful sea-nymph (fairy, etc.). ex Colombia, cf. *Lepanthes panope* Luer & R.Escobar 1985.

panormitana: refs. to *Panormitanus*: belonging to *Panormus*, an ancient coastal city, now: Palermo, n.west Sicily. cf. *Ophrys panormitana* var. *praecox* (Corrias) P.Delforge 2000. syn. *O. praecox*.

panormosana: belonging to Pánormos, a coastal city of n.west Crete. cf. *Serapias* x *ambigua* nothosubsp. *panormosana* B.& H. Baumann 1999.

pansamalae: listed for place name: (of Pansamala ?) Alta Verapaz Prov., Guatemala. cf. *Oerstedella pansamalae* (Schltr.) Hágsater 1981.

Panstrepis: Raf.1838 (an easy one of his, for a change). See *pan-*: all + ref. *streptos*: twisted. Ref. the floral segments. syn. *Coryanthes* Hook.

pantalicae: of Pantalica, see *pantaliciensis*. cf. *Ophrys* x *pantalicae* Bartolo & Pulv.

pantaliciensis: from Pantalica (: *Necropoli di Pantalica*), a small town of Syracuse, s.east Sicily. cf. *Ophrys* x *pantaliciensis* Kohlmüller, Reich. & M.Schöbinger 1991.

pantanum: see *pan-*, *pantos*: all + ref. *anus*: circle; ring. cf. *Pachystoma pantanum*. syn. *P. pubescens*.

pantanus: as *pantanum*. cf. *Pachychilus pantanus*. syn. *Pachystoma pubescens*.

pantasmī: have no info. on this word as such and can only ref. to *phantasma*: an image; apparition; phantom, etc. (*phantasm-*: *pantasm-* + of ?). + See *phantasmoides*. cf. *Pleurothallis pantasmī* Rchb.f.1855.

pantasmoides: see *pantasmī* + resembling. Maybe it was likened to *Pleurothallis pantasmī*, or resembled an apparition; phantom, etc.(?) cf. *Pleurothallis pantasmoides* C.Schweinf.1951.

panteonense: for place name (+ from), only listed as ex Bolivia (from Panteón?). cf. *Epidendrum panteonense* Dodson & R.Vásquez 1989.

pantex: paunch (of a stomach). + Can be: bulging out; swollen. cf. *Trisetella pantex*.

panthera: a similar interpretation to *leopard-*, + see *pard*. Orig., most all of the big cats were known, collectively, as *pantheros*. An exotic ref. to the spots, bars and blotches of the sepals and petals (the tepals). cf. *Prosthechea panthera*.

pantherina: same as *panthera* + like, etc. cf. *Phalaenopsis pantherina*.

pantherinum: as *pantherina*. Ref. the flowers: pale yellow with dark red spots. cf. *Dendrobium pantherinum*.

pantjareense: for place name (+ from), only listed as ex westn. Java. cf. *Taeniophyllum pantjareense* J.J.Sm.

Pantlingia: Prain 1896. Listed for Eng. phytologist and author, Robert Pantling (1856-1910). Was Deputy Superintendent of the government Cinchona* plantation in Sikkim state, n.east India. A fine bot. artist, serious collector and authority on Indian orchids. Often worked with colleague, Sir George King (see *Kingidium*) and descs. accr. to them are noted as: King & Pantl. ex Sikkim, eg. *Pantlingia paradoxa*. *Cinchona, source of the drug, quinine, see separate entry at "C".

pantlingiana: Pantling + belonging to, see *Pantlingia*. ex the Himalayas, cf. *Habenaria pantlingiana* Kraenzl.1900.

pantlingii: see *Pantlingia*. ex the eastn. Himalayas, cf. *Neottia pantlingii* (W.W.Sm.) T.Tang & F.T.Wang 1951.

pantoblepharon: ref. *pantos*: all + eyebrows. cf. *Bulbophyllum pantoblepharon*.

pantomima: all + ref. *mimus*: actor. But, probably refs. to the actor(s?) of a **pantomime**, who wore flamboyant coloured costumes. For the colours, with a similar explanation to *harlequina* (see "H"). cf. *Masdevallia pantomima* Luer & Hirtz 2001.

pantothrix: all + hair (everything is "hairy"). cf. *Habenaria pantothrix*. syn. *H. antennifera*.

papallactae: of Papallacta, see *papallactense*. cf. *Lepanthes papallactae* Luer & Hirtz 1987.

papallactense: from Papallacta village, Napo Prov., Ecuador. cf. *Epidendrum papallactense* Hágsater & Dodson 2001.

papangense: as *papangensis*. cf. *Bulbophyllum papangense* H.Perrier 1937.

papangensis: for place name (+ from), only listed as ex s.east Madagascar. cf. *Jumellea papangensis* H.Perrier 1938.

papaquerensis: for place name (+ from), only listed as ex Venezuela. cf. *Stelis papaquerensis* Rchb.f.1849. syn. *S. viridipurpurea*.

Paphinia: Lindley 1843: an old Cypriot name for Paphia (Gk.): Aphrodite, the very beautiful goddess of Love & Fertility (Roman: Venus). As so many of Prof.Lindley's names, it's probably just for "beauty". ex Colombia, eg. *Paphinia rugosa*.

Paphiopedilinae: *Paphiopedilum* + suffix denotes it's a subtribe.

Paphiopedilum: Pfitzer 1886. Refs. to the labellum and I think Dr.Pfitzer may have followed the lead of Linnaeus (with his *Cypripedium*: Venus's slipper), as *Paphio*:- Paphia: Aphrodite: Venus (+ see *Paphinia*) +*-pedilum*, ref. *pedilon*: a foot covering; shoe; slipper, etc., hence my idea of the similar interpretation. So, "Paphia's slipper", is far more sensible to many other explanations that I've read! Trivium: also noted the "Paphinian Sisterhood": a sect of prostitutes dedicated to Paphia, the most famous temple being in Paphos, an ancient city of Cyprus. ex China to Indo-China, eg. *Paphiopedilum concolor*.

Paphiopedilum: as last entry.= *Paphiopedilum* subgenus.

paphosiana: belonging to Paphos, a coastal city of westn. Cyprus island. An ancient city, it was noted for the temple of Aphrodite (see *aphrodite*). cf. *Ophrys x paphosiana* H.Baumann & Künkele 1986.

x *Papilachnis*: Garay & H.R.Sweet. On the syn. list, cf. *Arachnis x Papilionanthe*.

x *Papilandachnis*: Garay & H.R.Sweet. On the syn. list, the result of cf. *Arachnis x Papilionanthe x Vanda*.

x *Papilanthera*: Garay & H.R.Sweet. On the syn. list, cf. *Papilionanthe x Renanthera*.

papilio: butterfly (also, can be: a tent). Alluding to a flower, it even has two knobby antenna-like projections from the column apex, like a butterfly. cf. *Oncidium papilio*.

x *Papiliocentrum*: Garay ex P.Taylor. On the syn. list, cf. *Ascocentrum x Papilionanthe*.

x *Papiliodes*: Garay & H.R.Sweet: trans. to: butterfly + resembling. But, is on the syn. list, as taken from *Aerides x Papilionanthe*.

papiliolabratum: butterfly + lip + like; having. cf. *Dendrobium papiliolabratum*. syn. *D. subbilobatum*. Noted as endemic to Papua, Indon.

papilionacea: butterfly + like. cf. *Anacamptis papilionacea*.

papilionaceum: butterfly + like. cf. *Epidendrum papilionaceum*. syn. *Psychilis bifida*.

papilionaceus: butterfly-like. cf. *Lissochilus papilionaceus*. syn. *Eulophia streptopetala*.

x *Papilionanda*: R.E.Schult.& Pease. On the syn. list, cf. *Papilionanthe x Vanda*.

Papilionanthe: Schltr.1915: butterfly + flower. ex India and Sri Lanka, eg. *Papilionanthe subulata*.

x *Papilionetia*: Garay & H.R.Sweet. On the syn. list, cf. *Neofinetia x Papilionanthe*.

papilionifera: as *papilioniferum*. cf. *Ceraia papilionifera*. syn. *Dendrobium crumenatum*.

papilioniferum: butterflies + bearing. Refs to the open flowers. cf. *Dendrobium papilioniferum*. syn. *D. crumenatum*. See sketch and notes at "C".

papilioniforme: butterfly + shape; form. cf. *Oncidium papilioniforme*. syn. *O. kramerianum*.

Papiliopsis: E.Morren ex Cogn.& Marchal 1874: butterfly + appearance. eg. *Papiliopsis nodosus*. syn. *Oncidium kramerianum*. + See next entry.

x *Papiliopsis*: Garay & H.R.Sweet. On the syn. list, cf. ***Papilionanthe*** x ***Vandopsis***.

papiliopsis: butterfly + appearance. cf. *Stelis papiliopsis*.

x *Papilisia*: Garay & H.R.Sweet. On the syn. list, cf. ***Luisia*** x ***Papilionanthe***.

papilla (sing.), *papillae* (pl.): a small nipple-like projection, like a small wart (+ can also ref. to being: bud-like). Can be blunt, or pointed and sometimes of a different colour, to the rest of the surface The word is seldom used in the singular, as there's always many more than one.

papillate: see *papilla* + suffix: like, or having *papillae*; warty.

papillatum: see *papillate*. cf. *Bulbophyllum papillatum*.

papillifera: see *papilla*(e) + bearing. cf. *Bletia papillifera*.

papilliferus: see *papilla* + bearing. cf. *Platypus papilliferus*. syn. *Eulophia alta*.

papilligera: see *papilla* + bearing. cf. *Neottia papilligera*.

Papillilabium: Dockrill 1967: see *papilla*, *papillate* + *lip*. eg. *Papillilabium beckleri*. Noted as monotypic and endemic to eastn. Aust.

papillilabium: *papillae* + *lip*. cf. *Diplocaulobium tenompokense* var. *papillilabium*.

papillipetala: warty petals. cf. *Lepanthes papillipetala*.

papillipetalum: warty petals. Each petal has many *papillae*. cf. *Bulbophyllum papillipetalum*.

papillisepala: warty sepals. cf. *Pleurothallis papillisepala*. syn. *P. convoluta*.

papillitepalum: warty + tepals. cf. *Dendrochilum papillitepalum*.

papillosa: see *papillose*. The bracts and sepals have many *papillae*. cf. *Oberonia papillosa*.

papillose: ref. *papillosus*. See *papilla*, *papillate* + suffix: with many, or full of (small) warts; very warty; having many small wart-like projections (: *papillae*).

papillosofilum: see *papillose* + *-filum*: thread(s)= warts on threads. A novel way of describing the paleae, and/or the stelidia. cf. *Bulbophyllum papillosofilum*.

papillosum: see *papillose*. cf. *Hippeophyllum papillosum*.

papillosus: see *papillose*. + cf. *Gastrochilus papillosus*. syn. *Acampe carinata*.

pappei: listed for botanist and author, Carl Wilhelm Ludwig Papp (1803-1862). ex Sth.Africa, cf. *Liparis pappei* Lindley ex Harv.1863. syn. *L. capensis*.

Papperitzia: Rchb.f.1852: is reported to have named it for a friend, William Papperitz (+ of). eg. *Papperitzia leiboldii*. Noted as monotypic and endemic to Mexico.

Papuaea: Schltr.1919: (those) of Papua, Papuans. eg., *Papuaea reticulata*. Noted as monotypic and endemic to New Guinea. I get very annoyed when most authors simply pass this off as being specifically "from Papua". Often this is not necessarily the case, nor is it anything to do with being black, or dark! Many authors ref. to plants as "people", ie. inhabitants of an area. Once, the individual people, collectively, of Papua, Indon., PNG. and adjacent islands were ALL known as the racial type: "Papuans". Thus a plant named in this fashion could come

from anywhere within this region (all the way down to Fiji*). Papua is reported as ex a Malay word, *papuah*: "frizzled" (or similar, if they have such a word), for the people's hair. *This region is now known as Melanesia, which was taken from *melas*: black + *nesos*: island(s) + of.

papuana: Papuan, see *Papuaea*. cf. *Phalaenopsis amabilis* var. *papuana* Schltr.1911. syn.

Phalaenopsis rosenstromii. Pers.coll.(?), see sketch and notes at *Phalaenopsis*.

papuanum: Papuan, see *Papuaea*. cf. *Cymbidium lancifolium* var.*papuanum* (Schltr.) S.S.Ying 1990.

papuanus: Papuan, see *Papuaea*. cf. *Sarcochilus papuanus* Kraenzl.1889. syn.

Rhinerrhizopsis moorei. Pers.coll. ex PM.PNG. See sketch and notes at "M".

papular: see *papule*. Like, or having *papulae*.

papule (sing.), *papulae* (pl.): a larger nipple, or wart-like projection (than a *papilla*).

papuliferum: see *papule* + bearing. cf. *Bulbophyllum papuliferum*.

papulifolia: see *papule* + leaf. cf. *Pleurothallis papulifolia*.

papuligera: see *papule* + bearing. cf. *Pleurothallis papuligera*.

papuliglossum: see *papule* + tongue. The labellum has many *papulae*. cf. *Bulbophyllum papuliglossum*.

papulilabium: same as *papuliglossum*. cf. *Bulbophyllum papulilabium*. syn. *B. colliferum*.

Papulipetalum: (Schltr.) M.A.Clem.& D.L.Jones: see next entry. syn. *Bulbophyllum*.

papulipetalum: see *papule* + petals. Ref. the *papulae* at the petal apices. cf. *Bulbophyllum papulipetalum*.

Papulipetalum: see *papulipetalum*. = *Bulbophyllum* section.

Papulosae: see *papule* + *-osa*: full of, or (those) with many *papulae*. = *Stelis* section syn. *Stelis* section *Stelis*.

papulosum: with many *papulae*. cf. *Bulbophyllum papulosum*.

papyr-, *papyri-*, *papyro-*: used in combwds., ref. *papyrus*: a kind of rush; reed (reported as *Cyperus papyrus*). Orig. made into a crude paper by the ancient Egyptians. Also has other inferences, see *papyraceus*.

papyracea: see *papyraceus*. cf. *Habenaria papyracea*.

papyraceum: see *papyraceus*. Could be for the flower colour. cf. *Dendrobium papyraceum*.

papyraceus: descwd.. Have read a few different explanations for this word. Confusing, as can be for a vague colour term: paper white (: an extremely pale brown); for the plant appearance: rush, or reed-like; the texture: feels like paper; a surface appearance: looks like paper. + Can infer that something is flat and thin; paper like; papyry. Read in a description, a part described as: ... *membraneus-papyraceus*. See *membrane*, *papyr-*.

papyretorum: see *papyr-*+*-etorum*: of habitat. cf. *Satyrium papyretorum*. syn. *S. neglectum* var. *brevicalcar*.

papyriferum: see *papyr-*+ bearing. cf. *Epidendrum papyriferum*. syn. *Encyclia panthera*.

papyrophylla: see *papyraceus* + leaf. cf. *Lepanthes papyrophylla*.

paquishae: of Paquisha (village), Zamora Chinchipe Prov., Ecuador. cf. *Masdevallia paquishae* Luer & Hirtz 1989.

par-: used in combwds., ref. *par*: equal. + Can be a contraction of *parilis*: like; same; even.

para-: used in compwds.: near; close; against; beside; almost (: very similar, but not quite). + Used to form a new genus, with the meaning: “almost the same as ...” (a similar usage to *Pseudo-*). eg. *Paracaleana*.

parabates: see *para-*+*-bates*: frequents; haunts. cf. *Bulbophyllum parabates*.

Paracalanthe: Kudô 1930: see *para-*+ *Calanthe* (: near to, or almost a *Calanthe*). Noted the name was rejected (: *nom. rej.*) by the ICBN. syn. *Calanthe* R.Br.

Paracaleana: Blaxell 1972: see *para-*+ *Caleana* (: near to, or almost a *Caleana*). eg. *Paracaleana nigrita*. syn. *Caleana nigrita*.

x *Paracentrum*: J.M.H.Shaw. On the syn. list, cf. *Ascocentrum* x *Paraphalaenopsis*.

x *Parachilus*: auct. On the syn. list, cf. *Parasarcochilus* x *Sarcochilus*.

Paradeciduosae: see *para-*+ see deciduous.= *Lycaste* subsection.

Paradisanthus: Rchb.f.1852: paradise (see *paradisiaca*) + flower. ex n.east Brazil, eg. *Paradisanthus bahiensis* Rchb.f.1852.

paradisiaca: ref. *paradeisos* + suffix, belonging to: (of) a pleasure-ground (garden); pleasant park-like place; garden of the gods: “belonging to paradise”. cf. *Sobralia paradisiaca*.

paradiseoides: paradise + like, + see *paradisiaca*. cf. *Habenaria paradiseoides*.

paradisicolum: (of) Paradise + dweller; resident (+ see *paradisiaca*). ex Costa Rica, cf. *Epidendrum paradisicolum* Hágsater & García-Cruz 1999.

paradoxa: against opinion; odd; strange, etc. cf. *Caladenia paradoxa*. Endemic to West.Aust.

paradoxum: as *paradoxa*. cf. *Mediocalcar paradoxum*.

paradoxus : as *paradoxa*. cf. *Phaius paradoxus*. syn. *Megastylis paradoxa*.

paraensis: from Pará state, Brazil. cf. *Stelis paraensis* Barb.Rodr.1881.

parageniculata: see *para-*+ see geniculate. cf. *Habenaria parageniculata*.

Paragnathis: Spreng.1826: the cheek-guard of a helmet. Alluding to the petals. syn. *Diplomeris* D.Don.

paraguaensis: from Paraguay. cf. *Scelochilus paraguaensis* Garay & Dunsterv.1972.

paraguayense: from Paraguay. cf. *Pachygenium paraguayense* (Garay) Szlach., R.González & Rutk. syn. *Pelexia vaginata*.

paraguayensis: from Paraguay. cf. *Galeandra paraguayensis* Cogn.1903.

parahybanense: not the same as the next entry, this is listed as ex Minas Gerais state, Brazil. Probably refs. to a river, Rio Parahyba (: *Rio Paraíba do Sul*) + from. cf. *Epidendrum parahybanense* Barb.Rodr.1881.

parahybunense: for place name: from Paraibuna (aka. **Parahybuna**), a town of São Paulo, state, Brazil. cf. *Campylocentrum parahybunense* (Barb.Rodr.) Rolfe 1903.

parahybunensis: as *parahybunense*. cf. *Maxillaria parahybunensis* Cogn.1904.

parallelum: ref. *parallelus*: (almost) exactly corresponding; (with) two, or more rows, equidistant to others at all points, etc. cf. *Epidendrum parallelum*.

paranaense: from Paraná state, Brazil. cf. *Bulbophyllum paranaense* Schltr.1919.

paranaensis: as *paranaense*. cf. *Cleistes paranaensis* (Barb.Rodr.) Schltr.1926.

paranaguensis: from Paranaguá city, Baía de Paranaguá (admin. division), Paraná state, Brazil. cf. *Habenaria paranaguensis* Hoehne 1950.

paranahybae: for place name (+ of), officially listed as ex Paraná state, Brazil. Noted quite a few places, some cities + ref. the Rio Paranahyba (river), in neighbouring states, but nothing for Paraná (?). cf. *Skeptrostachys paranahybae* (Kraenzl.) Garay 1982.

paranapiacabense: from Paranapiacaba. Ref. the town, or the mtn.range (Serra), both of São Paulo state, Brazil. cf. *Oncidium paranapiacabense* Hoehne 1938.

x *Parandachnis*: Garay & H.R.Sweet. On the syn. list, the result of *Arachnis* x *Paraphalaenopsis* x *Vanda*.

x *Parandanthe*: Garay & H.R.Sweet. On the syn. list, the result of *Euanthe* x *Paraphalaenopsis* x *Vanda*.

paranensis: see *paranaense*. cf. *Masdevallia paranensis* Schltr.

x *Paranthe*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x *Paraphalaenopsis*.

x *Paranthera*: Garay & H.R.Sweet. On the syn. list, the result of *Arachnis* x *Paraphalaenopsis* x *Renanthera*.

paranthicum: see *par*-+ ref. *anthikos*: of flowers. cf. *Epidendrum paranthicum*. syn. *Epidanthus paranthicus*.

paranthicus: as *paranthicum*. cf. *Epidanthus paranthicus*.

x *Paraottis*: J.M.H.Shaw. On the syn. list, cf. *Paraphalaenopsis* x *Trichoglottis*.

Parapactis: W.Zimm.1922: see *para*- (: almost) +-*pactis*: a contraction of *Epipactis*. eg. *Parapactis epipactoides* (: *Epipactis* + resembling). syn. *Epipactis muelleri*.

Paraphalaenopsis: A.D.Hawkes 1963: see *para*-+ *Phalaenopsis*. ex Borneo, eg. *Paraphalaenopsis labukensis*.

Parapteroceras: Aver.1990: see *para*-+ *Pteroceras*. ex Thailand, eg. *Parapteroceras carnosum*.

x *Pararachnis*: A.D.Hawkes. On the syn. list, cf. *Arachnis* x *Paraphalaenopsis*.

x *Pararenanthera*: A.D.Hawkes. On the syn. list, cf. *Paraphalaenopsis* x *Renanthera*.

x *Pararides*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Paraphalaenopsis*.

Parasarcochilus: Dockrill 1967, see *para*-+ *Sarcochilus*. eg. *Parasarcochilus spathulatus*. syn. *Sarcochilus spathulatus*. Noted as endemic to eastn. Aust.

parasite: noted as orig. ex Gk., *parasites*, for one that lives at the expense of another. Refs. to people who habitually ate at another's table, repaying them with (usually, insincere) flattery, or entertainment of some kind. Epiphytic orchids are **not** parasites and take nothing from their hosts. Saprophytes, could be misconstrued as parasitic, but in reality, give as much as they take. + See mycorrhiza, etc.

parasitica: parasitic, see *parasite*. Noted it's so called, because at the time it was thought it really was a parasite. cf. *Schiedeella parasitica* (A.Rich.& Galeotti) Schltr.1920.

x *Parastylis*: J.M.H.Shaw. On the syn. list, cf. *Paraphalaenopsis* x *Rhynchostylis*.

paratype: in herbariums, the holotype is the designated "type" (of the specimens) and the paratype is one which was orig. noted and chosen as being (almost) identical. + See type, holotype, neotype, etc.

x *Paravanda*: A.D.Hawkes. On the syn. list, cf. *Paraphalaenopsis* x *Vanda*.

x *Paravandanthera*: Garay & H.R.Sweet. On the syn. list, the result of *Paraphalaenopsis* x *Renanthera* x *Vanda*.

x *Paravandopsis*: J.M.H.Shaw. On the syn. list, cf. *Paraphalaenopsis* x *Vandopsis*.

x *Paravandrum*: J.M.H.Shaw. On the syn. list, the result of *Ascocentrum* x

Paraphalaenopsis x *Vanda*.

parca: see *parcus*. cf. *Callista parca*. syn. *Dendrobium parcum*.

parciflora: as *parciflorum*. cf. *Orchis parciflora*. syn. *Amitostigma parciflorum*.

parcifloroides: see *parcus* + flower(s) + resembling. Was probably compared to *Orchis parciflora* (?). cf. *Orchis parcifloroides*. syn. *Ponerorchis chusua*.

parciflorum: see *parcus* + flower(s). cf. *Dendrobium parciflorum*.

parcifolia: see *parcus* + leaves. cf. *Stelis carnosula* var. *parcifolia*. syn. *S. carnosula*.

parcoides: see *parcum* + resembling. Noted it was compared to *Dendrobium parcum*. cf. *Dendrobium parcoides*.

parcum: see *parcus*. cf. *Dendrobium parcum*.

parcus: descwd.: frugal; thrifty; moderate; few in number; not over-abundant.

pard-: used in combwds.. Orig. ref. *pardos*: a spotted animal. Not necessarily one of the great cats, as these were mostly, collectively, called "panther" (*panthera*). Noted as adapted into bot. words, like *pardale*, *pardina*, etc. and is just an exotic way of saying: it's spotted. + Ref. *leopard-*, *maculate*, *panthera*, *pardus*, etc.

pardale: see *pard* + of; belonging to (: spotted). cf. *Thrixspermum pardale*.

pardalina: as *pardale* + see *-ina*: like, etc.(: spotted). cf. *Thelymitra pardalina*. syn. *T. villosa*. Noted as endemic to West.Aust.

pardalinata: as *pardalina* + suffix: like, or having spots; spotted. cf. *Mormodes pardalinata*.

pardalinum: as *pardalina*. cf. *Dendrobium pardalinum*. syn. *Flickingeria pardalina*.

pardalis: as *pardale*. cf. *Sarcochilus pardalis*. syn. *Thrixspermum pardale*.

pardalotum: listed as ref. *pardalotos*, lit.: spotted like a leopard (+ see *pard*). In the description the flower, is noted as: *aurantiacis*, *rubro punctatus* (: orange, red dotted). cf. *Bulbophyllum pardalotum*.

Pardalopetalum: see *pard* + of + petals.= *Paphiopedilum* section.

pardina: see *pard* + *-ina*: like (: spotted). cf. *Mormodes pardina*. syn. *M. maculata* (: spotted, see *maculate*).

pardinum: as *pardina*. cf. *Cyrtorchilum pardinum*.

pardipes: spotted + foot. cf. *Pleurothallis pardipes*.

pardoglossum: spotted + tongue. cf. *Oncidium pardoglossum*.

pardothyrsus: see *pard*: spotted + see *thyrs-*: staff; stem. cf. *Oncidium pardothyrsus*.

pardus: descwd.: spotted animal. + See *pard-*.

parenchyma: technical term for the inner tissue of sponge-like material, composed of thin walled, little differentiated, unspecialised cells which makes up the bulk of the plant. + Ref. *parenchymatous*: of, or like parenchyma. + See *mesophyll*.

parent, male: the plant from which the pollinia is taken, that effects fertilization in another. This can also produce crosses, or hybrids.

parent, female: the plant which is the receptor of the pollinia and the bearer of the capsule(s), in cross-pollination. Also noted as the first name given in a formula (see "F") of a cross, or hybrid. eg. *Epidendrum evectum* x *E. radicans* = *E. x obrienianum*. Thus, *E. evectum* is the female parent.

parguazense: for place name: from Parguaza, a town of Bolívar state, Venezuela. cf. *Catasetum parguazense* G.A.Romero & Carnevali 1989.

Parhabenaria: Gagnep.1932: *par-*, see *para-*+ *Habenaria*. Noted, the reason for the name is because it so closely resembled *Habenaria*. eg. *Parhabenaria cambodiana*.

pariaensis: for place name (+ from), listed as ex Sucre state, nthn. Venezuela. cf. *Lepanthes pariaensis* Foldats 1968.

paridaeniana: may be for a person's name (+ belonging to), but noted another ref. to some birds, which is quite possible and the specep. could be: ***Paridae*** + like + of. Ref. a "chickadee, titmouse, great tit", etc., family: *Paridae*, of the order *Passeriformes* (: sparrow + shape; form) [?]. Listed as ex westn. Europe, cf. *Dactylorhiza* x *paridaeniana* Kreutz 1990.

parietal placentation: describes when the ovules are attached on the inner wall* of unilocular capsules. *Ref. *parietalis*: of walls, hence, parietal. + See axile placentation.

parietiforme: ref. *paries*: wall + like + shape. cf. *Dendrobium parietiforme*. syn. *Flickingeria parietiformis*.

parietiformis: as *parietiforme*. cf. *Flickingeria parietiformis*.

parilamellata: see *para-*+ lamellate; having lamellae, see lamella. cf. *Eulophia parilamellata*.

pariquerensis: from Pariquerá. Ref. Pariquerá-Açu city, São Paulo state, Brazil. cf. *Habenaria pariquerensis* Hoehne 1937.

paris: again is for "beauty". Ref. Gk.myth., Paris: an extremely handsome son of King Priam of Troy. + See the entry (*oenone*) for his wife, Oenone. cf. *Cypripedium* x *paris* Rolfe. Listed among the synonyms, without further info., except it's a *Paphiopedilum* hybrid.

Parishia: Hook.f. Listed for orig.coll., the Rev.Charles Samuel Pollock Parish (1822-1897), born Calcutta, India. Was sent to Moulmein, Burma 1852, as chaplain and was an authority and enthusiastic collector in the region for approx. 25yrs. He discovered many new and notable species.

parishiana: see *Parishia* (+ different suffix: belonging to). ex Myanmar, cf. *Nervilia parishiana* (King & Pantl.) Schltr.1911. syn. *N. maculata*.

Parishiella: see *Parishia* + dimin., or respectful suffix (?).= *Cymbidium* section.

parishii: see *Parishia*. ex Myanmar, cf. *Phalaenopsis parishii* Rchb.f.1865.

x *Parisia*: J.M.H.Shaw. On the syn. list, cf. *Luisia* x ***Paraphalaenopsis***.

parkeri: listed for orig.coll., Charles S.Parker of Georgetown, Guyana, cf. *Maxillaria parkeri* Hook.1827. + See next entry.

parkeri: listed as a misunderstanding for *barkeri*, info. see *Barkeria*. cf. *Chaenanthus parkeri* Kuntze 1891. syn. *Diadenium barkeri*.

parkinsoniana: as *parkinsonianum*. cf. *Schomburgkia* x *parkinsoniana* H.G.Jones.

parkinsonianum: cf. *Epidendrum parkinsonianum* Hook.1840. Listed for the Hon.B. Parkinson (+ belonging to), British Consul-General in Mexico, who sent it to Eng. for identification.

parkinsonii: listed for orig.coll., Richard.Parkinson (+ of), Danish born botanist and surveyor. ex New Britain, PNG., cf. *Cyrtopodium parkinsonii* F.Muell.& Kraenzl.1894. syn. *Eulophia bicallosa*. + See next entry.

parkinsonii: of Parkinson, see *parkinsonianum*. cf. *Bletia parkinsonii* Hook.1839.

parksii: listed for orig.coll., H.B.Parks 1945. ex Texas, USA., cf. *Spiranthes parksii* Correll 1947. syn. *Spiranthes lacera* var. *gracilis*.

Parlatorea: Barb.Rodr.1877. Listed for phytologist Prof.Filippo (Philipo?) Parlatore (1816-1877). Director of the Institute of Natural Sciences, Florence, Italy. Descs. accr. to him are abbr. to: Parl. syn. *Sanderella* Kuntze.

parlatoreana: see *Parlatorea* (+ belonging to). cf. *Masdevallia x parlatoreana* Rchb.f.1879. ex Colombia, reported as a natcross of *Masdevallia veitchiana* x *M. barlaeana*.

parlatoris: nearly made a fool of myself, by ref. this to *Parlatorea*, but then noted the dates! My only refs. are: see *par*-+ ref. *latoris*: bearer (: equally bearing?). cf. *Orchis parlatoris* Tineo 1817. syn. *Neotinea tridentata*.

parmata: ref. *parma*, *parme*: small shield + like; having. cf. *Lepanthes parmata*.

parnassica: belonging to Mt.Parnassus, central Greece. The mountain is noted, relatively often in Gk.myth., as a favourite haunt of quite a few of "the gods" and the famous oracle of Delphi was at its base (see *delphinensis*). cf. *Ophrys sphegodes* ssp.*parnassica* (Vierh.) Soó ex J.J.Wood 1980.

parnatatum: may be for a person's name, and/or a place name (+ belonging to). Only listed as ex Papua, Indon. cf. *Dendrobium parnatatum* Cavestro 2002.

parosica: belonging to Páros (island), Aegean Sea, s.east Greece (one of the Cyclades group). cf. *Ophrys parosica* P.Delforge 1995. syn. *O. fusca* ssp.*fusca*.

parsonsii: of Parsons. For botanist and orig.coll., William Edward Parsons. Descs. accr. to him are abbr. to: Pars. ex Manila, Philipp., cf. *Spathoglottis x parsonsii* Ames & Quis.1948. A reported natcross of *S. plicata* x *S. vanoverberghii*.

parthenium: ref. *parthenos*: virgin + suffix: place of, or characteristic of (?). cf. *Dendrobium parthenium*.

parthenocomos: virgin + see *comose*: with tufts (of hair). Ref. hair at base of lip. cf. *Lockhartia parthenocomos* syn. *L. longifolia*.

parthenogenesis: technical term: virgin + origin; birth: self-pollination. + See *cleistogamy*, *selfing*, *autogamy*.

parthenoglossa: virgin (as: unblemished?) + tongue. cf. *Lockhartia parthenoglossa* (syn.).

parti-barbate: was in an Eng. discussion (probably coined for the occasion): partly bearded.

partite: ref. *partitus*: divided. Having a division, almost for the full length. Not necessarily as cleft, or cut, eg. a partite labellum can mean it's divided in two (more or less, equally) by a central crest, keel, line of hairs, or calli, or folded on the median line, etc.

partitiloba: see *partite* + lobe. cf. *Malaxis partitiloba*.

partitilobum: as *partitiloba*. cf. *Crepidium partitilobum*. syn. *Malaxis partitiloba*.

-parum: used in combwds.: too little; not enough; not very; not much, eg. *viviparum*: not very bright.

parva: see *parvi*-. small, etc. cf. *Caladenia parva*. Noted as endemic to Vic., Aust.

parvi-. used in combwds., ref. *parvus*, which has many connotations to being “small”:
little; small; weak; puny; short; slight; feeble; young, etc.

parvibracteata: see *parvi*+ bracted. cf. *Stelis parvibracteata*. syn. *S. argentata*.

parvibracteatum: see *parvi*+ bracted. cf. *Satyrium paludosum* var. *parvibracteatum*. syn. *S. oliganthum*.

parvibulbosa: see *parvi*+ bulbed. cf. *Maxillaria parvibulbosa*.

parvicalcarata: see *parvi*+ calcarate: spurred. cf. *Habenaria parvicalcarata*.

parvicallum: see *parvi*+ see calli, callus. cf. *Genoplesium parvicallum*. Noted as endemic to Qld., Aust.

parvidens: see *parvi*+ tooth (teeth?). cf. *Habenaria parvidens*.

parviexasperata: see *parvi*+ see *exasperata*. Could mean: (being) a little rough on the outside, or may have been compared to *Oerstedella exasperata* (+ *parvi*-. as looking similar, but smaller). cf. *Oerstedella parviexasperata*.

parviflora: see *parvi*+ flower. cf. *Pterostylis parviflora*. Noted as endemic to eastn. Aust.

parviflorum: see *parvi*+ flower. cf. *Prasophyllum parviflorum* (R.S.Rogers) Nicholls 1941. Noted as endemic to Vic., Aust.

parviflorus: as *parviflorum*. cf. *Sarcochilus parviflorus*. Noted as endemic to eastn. Aust.

parvifolia: see *parvi*+ leaf. cf. *Disperis parvifolia*.

parvifolium: see *parvi*+ leaf. cf. *Prasophyllum parvifolium*. Noted as endemic to West.Aust.

parvifolius: see *parvi*+ leaf. cf. *Cyphochilus parvifolius*. syn. *Appendicula parvifolia*.

parvilabia: see *parvi*+ lip. cf. *Maxillaria parvilabia*.

parvilabium: as *parvilabia*. cf. *Bulbophyllum parvilabium*. syn. *B. microlabium*.

parvilabius: see *parvi*+ lip. cf. *Myoxanthus parvilabius*.

parvilabre: see *parvi*+ lip. cf. *Epidendrum parvilabre*.

parvilabris: see *parvi*+ lip. cf. *Calanthe parvilabris*.

parviloba: see *parvi*+ lobe. cf. *Encyclia parviloba*.

parvilobum: see *parvi*+ lobe. cf. *Dendrobium parvilobum*.

parvimaculata: small + spotted. Has two small, whitish, rounded swellings at the base of the lip, likened to spots. cf. *Ophrys parvimaculata*.

parvimajalis: small + see *majalis*. Noted as, may have been compared to *Dactylorhiza majalis*. cf. *Dactylorhiza parvimajalis*.

parvipapillatum: finely papillate. cf. *Dendrochilum parvipapillatum*.

parvipetala: see *parvi*+ petals. cf. *Diuris parvipetala*. Noted as endemic to Qld., Aust.

parvula: see *parvi*+ dimin. cf. *Cadetia parvula*.

parvulum: as *parvula*. cf. *Dendrobium delicatulum* ssp. *parvulum*.

parvulus: as *parvula*. cf. *Colax parvulus*. syn. *Bifrenaria parvula*.

parvum: ref. *parvus*, see *parvi*-. cf. *Pomatocalpa parvum*.

paschae: of Pascha Ssalyn (Pasha-Salyn), a town of Respublika Krym, eastn. Crimea, Ukraine. cf. *Orchis x paschae* Hautz.

pascoensis: for place name: from the Department of Pasco (admin. division), or (near) the town of Cerro de Pasco, on the Central Highway (n.east of Lima), Peru. cf. *Brassia pascoensis* D.E.Benn.& Christenson.

pasmithii: haven't any info. on this one, but it's obvious the author wanted all to know it's for P.A.Smith (+ of). ex Zambia to Botswana, cf. *Habenaria pasmithii* G.Will.1983.

paspalifolium: *Paspalum* (see *paspaliformis*) + leaf. cf. *Dendrobium paspalifolium*.

paspaliformis: ref. *Paspalum*: a genus of grass (family: Gramineae) + shaped. cf. *Pleurothallis paspaliformis*.

passerina: of a sparrow. cf. *Habenaria passerina*. syn. *Peristylus densus*.

passerinum: ref. *passer*: a sparrow +-*ina*: of, etc. + ref. *passerinus*: of sparrows. At first I was looking for some part of a sparrow, like feathers, head, colouring, etc., but in the discussion it refs. to the lip, likened to a sparrow's egg (... well, sort of). cf. *Cypripedium passerinum*.

passionis: refs. to Passiontide, the last two weeks of Lent (Christian religious period). Maybe it was first found during this period, or is for approx. when it flowers (?). cf. *Ophrys passionis*. syn. *O. sphegodes*.

pastasae: for place name: of Pastaza, a major river and also a province of the east Andean slopes, Ecuador. cf. *Baskervilla pastasae* Garay 1978.

pastensis: see *pastoensis*. cf. *Masdevallia pastensis* Kraenzl.1921. syn. *M. uncifera*.

pastinata: ref. *pastinatus*: (of) ground prepared for planting; trenched; furrowed; grooved. Also ref. *pastinum*: an old two-tined agricultural tool (+ suffix: like; having, etc.?); cf. *Masdevallia pastinata*.

pastoanus: belonging to Pasto, see *pastoensis*. cf. *Telipogon pastoanus* Schltr.

pastoensis: from Pasto city, Nariño Department, sthn. Colombia. cf. *Lepanthes pastoensis* Schltr.1920.

pastoris: lit.: shepherd. Maybe it just infers: pastoral; rural; (of) the country (?). cf. *Prosthecea pastoris*.

pastranae: for place name: of Pastrana, listed as ex Guerrero, and Oaxaca states, sthn. Mexico. cf. *Epidendrum pastranae* Hágsater 1978.

patagonica: for place name: belonging to the Patagonia Plateau, sthn. Argentina. cf. *Chloraea patagonica* Phil.1865. syn. *C. virescens*.

patateensis: from Patate (village), Tungurahua Prov., Ecuador. cf. *Pleurothallis patateensis* Luer 1998.

patchicutzae of Pachicutza (village), Zamora Chinchipe Prov., Ecuador. The official list gives the location as ex the Cordillera (mtn. range) del Condór, s.east Ecuador (?). cf. *Masdevallia patchicutzae* Luer & Hirtz 1995.

patella: see *patelliform*. Ref. the lip. cf. *Bulbophyllum patella*.

patelliform: ref. *patella*: small plate; pan; dish + form; shape.

patens: opening; spreading; exposed. Ref. the fully expanded flower. cf. *Prasophyllum patens* R.Br.1810. Noted as endemic to NSW., Aust.

patent: ref. *patentis* + see *patenti*:- open; spreading; expanded; exposed, etc.

patenti:- used in combwds., ref. *patentis*, see *patent*.

patentibractea: see *patent* + *bract* + of. cf. *Spathoglottis patentibractea*. syn. *S. latifolia*.

patentibracteatum: see *patent* + *bracted*. cf. *Dendrochilum edentulum* var. *patentibracteatum*.

patentifiliforme: see *patent* + *thread* + *form*; *shape*. cf. *Dendrobium patentifiliforme*.

patentifolia: see *patenti*-+ leaf. cf. *Oberonia patentifolia*.

patentifolium: as *patentifolia*. cf. *Prasophyllum patentifolium*. syn. *P. colensoi*.

patentiloba: see patent + lobe(s). cf. *Habenaria patentiloba*.

patentilobum: as *patentiloba*. cf. *Dendrobium patentilobum*.

patentilobus: as *patentiloba*. cf. *Ornithocephalus patentilobus*.

patentissima: see patent + emphasis: very, etc. cf. *Appendicula patentissima*.

patentissimum: as *patentissima*. cf. *Dendrobium patentissimum*.

patersonii: listed for Colonel William Paterson (1755-1810) FRS., born in Scotland. An astute naturalist, he spent some time in Sth.Africa and first arrived in Sydney 1791, as a Captain in the NSW.Corps. Was posted to Van Diemen's Land (Tasmania) and founded York Town (1804) which was later abandoned in favour of nearby George Town. Was Lieutenant Governor of Port Dalrymple (Launceston, Tas.) and then Lieutenant Governor of the colony of NSW., 1800-1810. Also, the Paterson River, NSW. is named for him. He died at sea on the voyage back to Eng. cf. *Caladenia patersonii* R.Br.1810. Noted as endemic to s.east Aust.

pathogenic: disease causing. Ref. pathogens: collective term for diseases, eg. viruses, fungal related diseases, etc. + See chlorosis, necrosis.

patinaria: dish-like. Ref. *patina* + see -are (+ see *patinatum*). cf. *Stelis patinaria*.

patinatum: ref. *patina*: dish; a wide, shallow vessel + suffix: dished; dish-like. Refs. to the lip. cf. *Saccolabium patinatum*. syn. *Gastrochilus patinatus*.

patinatus: as *patinatum*. cf. *Gastrochilus patinatus*.

patinii: listed for orig.coll., C.Patin (+ of), a mercenary for B.S.Williams Co., famous English nurserymen. ex Colombia, cf. *Bollea patinii* (Rchb.f.) Rchb.f.

patmia: listed for place name: of Patmos island(s), off westn. Turkey in the Aegean Sea. cf. *Serapias patmia* M.Hirth & H.Spaeth 1994. syn. *S. orientalis*.

patriciae: of Patricia, maybe for a lady's given name. Also, could be for a place name as from the given location, noted Santa Patricia (village), Sonora state, Mexico (?). cf. *Svenkoeltzia patriciae* R.González. Listed as a synonym, without "correct name".

Pattonia: Wight 1851. Listed for a Mrs.Walker, née Patton, a brilliant bot. artist and authoritative collector, in Ceylon for approx. 25yrs. syn. *Grammatophyllum* Blume.

patula: ref. *patulus*: open; spread; broad. ex Colombia, cf. *Wareella patula*.

patulens: opening; spreading, etc. cf. *Caladenia uliginosa* ssp. *patulens*. Noted as endemic to West.Aust.

Patuliflorae: see *patula* + flowers.= *Stelis* section. syn. *Stelis* section *Stelis*.

patulipetalum: as *patula* + petals. cf. *Epidendrum patulipetalum*. syn. *E. parviflorum*.

patulous: see *patula*: spread, etc. Was in a discussion and ref. to a panicle inflo.

patulum: as *patula*. cf. *Dendrobium patulum*.

pauci:- used in compwds., ref. *paucus*: few; not many; little; a scarcity (of). + Can mean: seldom; not often.

pauciflora: see *pauci*-+ flower. cf. *Thelymitra pauciflora*. Noted as endemic to eastn. Aust.

pauciflorum: as *pauciflora*. cf. *Prasopphyllum pauciflorum*. syn. *P. colensoi* Hook.f.1853.

Noted as endemic to New Zealand.

pauciflorus: as *pauciflora*. cf. *Phaius pauciflorus*.

paucifolia: see *pauci*-+ leaf. cf. *Tainia paucifolia*.

paucifolium: as *paucifolia*. cf. *Dendrobium paucifolium*. syn. *Tainia trinervis*.

paucilaciniata: see *pauci*-+ see laciniate: fringed; slashed, etc. ex Ternate Island, Maluku, Indon., cf. *Flickingeria paucilaciniata*.

paucilaciniatum: as *paucilaciniata*. cf. *Dendrobium paucilaciniatum*. syn. *Flickingeria paucilaciniata*.

paucipartita: see *pauci*-+ see partite. cf. *Habenaria paucipartita*.

pauciramosum: see *pauci*-+ see ramose: branched, etc. cf. *Angraecum pauciramosum*.

paucisquamata: see *pauci*-+ scaly. cf. *Eulophia paucisquamata*. syn. *E. katangensis*.

pauciseta: see *pauci*-+ bristles. cf. *Hetaeria pauciseta*. syn. *Hetaeria oblongifolia*.

paucisetum: see *pauci*-+ bristles. cf. *Bulbophyllum paucisetum*.

pauciverrucosa: see *pauci*-+ verrucose: warty, etc. cf. *Calanthe pauciverrucosa*.

paulense: as *paulensis* (same comment). cf. *Epidendrum paulense* Cogn.1898.

paulensis: only listed as ex São Paulo, Brazil. Could be for the city, or the state (+ from). cf. *Chytroglossa paulensis* Edwall 1903.

pauliana: for phytologist, T.K.Paul (+ belonging to). Noted as ex France and Yugoslavia, cf. *Ophrys* x *pauliana* C.& A.Alibertis.

paulii: as *pauliana*. cf. *Ophrys* x *paulii* A.Fuchs 1928.

paulinae: listed for Mrs.Pauline Richmond. ex nth. Qld., Aust., cf. *Spathoglottis paulinae* F.Muell.1867. Pers.coll.(?), very common ex Sirinumu and Sogeri Plateau areas, PM.PNG. See sketch & notes at *Spathoglottis*.

paulistana: belonging to Paulista, listed as ex São Paulo state, Brazil. There are many cities and major towns with this name (in some form, or another). cf. *Maxillaria paulistana* Hoehne 1952.

paulistanum: belonging to Paulista, see *paulistana*. cf. *Paphiopedilum paulistanum* (Barb.Rodr.) Pfitzer. syn. *Phragmipedium vittatum*.

paullum: ref. *paullus*, or *paulus* (seems to be spelt either way): a little; small amount; a trifle. cf. *Bulbophyllum paullum*. syn. *B. modestum*.

pauloense: listed for place name: from São Paulo state, Brazil. cf. *Campylocentrum pauloense* Hoehne & Schltr.1926.

pauloensis: from São Paulo state, Brazil. cf. *Leptotes pauloensis* Hoehne 1933.

paululum: see *paullum*, with an added dimin. cf. *Bulbophyllum paululum*.

pauper: poor; scanty; meagre. cf. *Cattleya pauper*. syn. *C. forbesii*. Some authors must be hard to please, I think they are absolutely beautiful.

pausiacus: listed as a vague colour term: an olive-green. Not used very often, mostly you'll see: *olivaceus*, *oliveus*, etc.

pavairiensis: for place name (+ from), only listed as ex the Solomon Islands. cf. *Calanthe pavairiensis* Ormerod 1995.

pavimenta: ex west Africa, cf. *Phyllorchis pavimenta* and *Bulbophyllum pavimentata* (now see *pavimentatum*). I had them in my "too hard basket", for a long time, thinking

they were an error for *parvimenta*. Then found the ref. to *pavimentum*: a floor made of stones, or a pavement. *Phyllorkis pavimenta* and *Bulbophyllum pavimentata* are both noted as synonymous to *Genyorchis pumila*.

pavimentata: see *pavimentatum*. ex Brazil, cf. *Pleurothallis pavimentata*.

pavimentatum: having, or like pavement (a paved surface), or a floor of stones (+ see *pavimenta*). Obviously ref. to a surface condition. cf. *Bulbophyllum pavimentatum*. syn. *Genyorchis pumila*.

pavonianum: belonging to Pavón, see *pavonii*. ex Ecuador and Peru, cf. *Epidendrum pavonianum* Rchb.f.1856. syn. *E. cornutum*.

pavonii: listed for botanist, naturalist and author, José Antonio Pavón (1754-1844). More info. see *ruizianum*. Descs. accr. to him are abbr. to: Pav. ex Peru, cf. *Pelexia pavonii* (Rchb.f.) Garay1982.

pavoninum: ref. *pavonis*: peacock + suffix: characteristic of. Noted it refs. to the sepals, the markings were likened to those on a peacock's feathers. cf. *Odontoglossum pavoninum*.

paxiana: for botanist and author, Ferdinand Albin Pax (1858-1942). ex the Himalayas to Siberia, cf. *Orchis paxiana* Schltr.1922. syn. *Ponerorchis chusua*.

Paxtonia: Lindley 1838. Noted he named it for his friend and often co-author, Sir Joseph Paxton (1803-1865), phytologist, author and bot. publisher. Also he was Director of the gardens of the Duke of Devonshire (+ see *devoniana*). eg. *Paxtonia rosea*. syn. *Spathoglottis plicata*.

paxtonii: of Paxton, see *Paxtonia*. ex the Himalayas, China and Indo-China, cf. *Dendrobium paxtonii* Lindley 1839. syn. *D. chrysanthum*.

payoti: see *payotii*. Listed as a natcross of *Anacamptis pyramidalis* x *Platanthera biflora*. ex France, cf. x *Anacamptiplatanthera payoti* P.Fourn.1928.

payotii: listed for botanist, Venance Payot (1826-1902). cf. *Aceras payotii*. Took this from a book, but there's no official listing. Noted, many *Aceras* are synonyms.

pazii: listed as ex Colombia, have only the one ref.: of **Paz** de Río (village), Boyacá Department (admin. division), central Colombia (?). cf. *Epidendrum pazii* Hágsater 2001.

peat moss: see sphagnum.

pechei: listed for orig.coll., George Peche (+ of). ex Moulmein, Myanmar c1889. cf. *Gastrochilus pechei* (Rchb.f) Kuntze 1891.

x *Pectabenaria*: A.D.Hawkes. On the syn. list, cf. *Habenaria* x *Pecteilis*.

pectangis: a contraction of *pectinis*: a comb + ref. *angeion*: small vessel; receptacle. cf. *Angorchis pectangis*. syn. *Angraecum pectinatum* (: comb-like).

Pecteilis: Raf.1837: *Pecte*:- comb (see pectinate) + *-ilis*: the feature, etc. Alluding to the labellum lateral lobes. ex the Himalayas to Bangladesh, eg. *Pecteilis triflora*.

pectenveneris: *pecten*: comb + of beauty (ref. *venerius*: of, or to do with Venus. + See *venusta*). cf. *Bulbophyllum pectenveners*.

Pectinaria: (Benth.) Cordem. 1899: ref. *pectinis*: a comb + of; like, etc. syn. *Angraecum*.

Pectinaria: as last entry.= *Angraecum* section.

pectinata: see pectinate. cf. *Caladenia pectinata*. Noted as endemic to West.Aust.

pectinate: ref. *pectinatus*: like, or having a comb. Ref. *pectere*: to comb; *pectinis*: a comb. Of any organ, part, or group that could be likened to a comb (esp. the teeth).

pectinatum: see pectinate. cf. *Dendrobium pectinatum*. syn. *Flickingeria nativitatis*.

pectinatus: see pectinate. Ref. the labellum hypochil. cf. *Anoectochilus pectinatus*.

pectinifera: comb + bearing. cf. *Liparis pectinifera*. syn. *L. wrayi*.

pectiniferum: comb + bearing. Ref. the fleshy floral bracts, alluded to being comb-like. cf. *Taeniophyllum pectiniferum*.

pectiniferus: comb + bearing. cf. *Cystopus pectiniferus*. syn. *Pristiglottis pectinifera*.

pectorale: ref. *pectoralis*: of the breast, or chest. cf. *Oncidium pectorale*.

pectus: breast; chest. cf. *Ophrys pectus*. syn. *O. fusca*.

peculiare: see *peculiaris*. cf. *Dendrobium peculiare*.

peculiaris: special; singular; unique; belonging solely to. cf. *Pleurothallis peculiaris*.

pecunialis: ref. *pecunia*: money; possessions + of; relative to. Or, can be: of wealth; riches. cf. *Lepanthes pecunialis*.

pedaglossa: ref. *pedon*: an oar blade + tongue. cf. *Pterostylis pedaglossa*.

pedale: foot + of. + See *pedalis*. cf. *Epidendrum pedale*.

Pedales: foot + see -ale: of, etc. Refs. to the column-foot.= *Stelis* section. syn. *Stelis* section *Stelis*.

pedalis: descwd.: of a (human) foot. + Is often seen in older books as a unit of measurement, one foot long: 12" (: 30cms.). eg. In a (Latin) description was: ...caulis, 2-3 *pedalis*...: stem, 2-3ft. (long).

pedemontana: I was looking for a mountain (-montana). Have two possibilities: belonging to the Piedmont Region, and/or ref. **Pedemonte** city, Verbano-Cusio-Ossola, Piedmont, n.west Italy. cf. *Orchis* x *pedemontana* Gsell.

pedersonii: for phytologist, H.A.Pederson (+ of). cf. *Genoplesium pedersonii* D.L.Jones 1991. Noted as endemic to Qld., Aust.

pedicel: the stalk attaching an individual flower to the rachis, of the raceme. + See separate section on "Inflorescences" (end of "I").

pedicellare: see pedicel + of. cf. *Epidendrum pedicellare*.

pedicellaris: see pedicel + of. Ref. the unusually long pedicels, cf. *Liparis pedicellaris*.

pedicellata: see pedicel, pedicellate. cf. *Oberonia pedicellata*.

pedicellate: see pedicel. Having pedicels. Many genera have flowers that are sessile (or almost), so when pedicellate is used in a discussion, or description, it obviously has noticeable pedicels, where perhaps, it shouldn't, or they are somehow "different". This can be worth noting, as see *pedicellata* (*Oberonia* flowers are usually sessile, or almost so). + See next entry.

pedicellate ovary: often seen in a discussion, or description, simply means the ovary has a pedicel, ie. it's not sessile.

pedicellatum: see pedicellate. Ref. the relatively long pedicels, cf. *Bulbophyllum pedicellatum*. syn. *Bulbophyllum laxiflorum*.

pedicellatus: see pedicellate. cf. *Stenorrhynchus pedicellatus*. syn. *Sacoila lanceolata*.

Pedilea: Lindley 1826: possibly a contraction of *pedilon* (+ of): a foot covering, as a shoe, etc. syn. *Malaxis* Sol.ex Sw.

pedilochilum: foot covering; slipper, etc. + lip. cf. *Dendrobium pedilochilum*.

Pedilochilus: Schltr.1905: ref. *pedilon*: a foot covering; shoe; slipper, etc. + lip. ex New Guinea, eg. *Pedilochilus longipes*.

Pedilonum: Blume 1825: ref. *pedilon*: a foot covering; slipper, etc. eg. *Pedilonum ophioglossum*. syn. *Dendrobium smillieae*. Pers.coll., fairly common ex PM.PNG. See notes at *smillieae*.

Pedilonum: as last entry.= *Dendrobium* section.

-*pedium*: used in combwds. Having, or like a small foot. + Can be a dimin. contraction of *pedilon*: a foot covering, like a soft shoe; sock; slipper, etc.

Pedochilus: Wight 1852: foot + lip. syn. *Podochilus* Blume.

pedoglossa: foot + tongue. Labellum likened to a foot. cf. *Pterostylis pedoglossa*. Noted as endemic to s.east Aust.

pedology: was in a discussion of terrestrial's habitats. Ref. *pedon*: soil + *logos*: a discourse. The scientific study of soils, which inc. the compositions, origins, classification and capabilities. + Ref. a pedologist: one skilled in pedology.

pedra-azulensis: listed for place name (+ from) ex Espirito Santo, Brazil. Noted one major town, Pedra Azul, in Minas Gerais state (?). cf. *Encyclia pedra-azulensis* N.L.Menezes 1992.

peduncle: of an inflorescence. The first part of the axis, up to the first flower (from there, becomes the rachis). See separate section, "Inflorescences" (end of "I").

peduncularis: peduncle + of; having, etc. cf. *Cottonia peduncularis*.

pedunculata: see pedunculate. cf. *Pterostylis pedunculata*. Noted as endemic to s.east Aust.

pedunculate: having, or like a peduncle. An inflo. has an obvious peduncle. See Inflorescences.

pedunculatum: as pedunculate. cf. *Aerides pedunculatum*. syn. *Papilionanthe pedunculata*.

pedunculatus: as pedunculate. cf. *Thelychiton pedunculatus*. syn. *Dendrobium speciosum* var.*pedunculatum*.

peekelii: listed for orig.coll., botanist and author P.G.Peekel (+ of). cf. *Dendrobium peekelii* Schltr.1923. syn. *D. schwartzkopfianum*. Pers.coll., quite common near Rigo, s.east of PM.PNG.

peetersiana: listed for phytologist and author, S.Peeters (+ belonging to). ex Brazil, cf. *Miltonia* x *peetersiana* Rchb.f.1886. syn. *M. x bluntii*.

peetersii: as *peetersiana*. ex Brazil, cf. *Cattleya peetersii* André 1885. syn. *C. labiata*.

peguanum: belonging to Pegu, sthn. Myanmar. Noted a few places of this name: Pegu (aka., Bago), capital city of the Pegu Division, + nearby, ref. Pegu Yoma (mnts.). Further south is the Pegu River, location of Rangoon (: Yangon), the capital city of Myanmar. cf. *Dendrobium peguanum* Lindley 1859.

pelagalloanus: for place name: belonging to Pelagallo (village), a little north of Quito city, Pichincha, Ecuador. cf. *Cyclopogon pelagalloanus* Dodson 1994.

x *Pelacentrum*: auct. On the syn. list, cf. *Ascocentrum* x *Pelatantheria*.

x *Pelachilus*: auct. On the syn. list, cf. *Gastrochilus* x *Pelatantheria*.

x *Pelastylis*: auct. On the syn. list, cf. *Pelatantheria* x *Rhynchostylis*.

Pelatantheria: Ridl.1896: ref. *pelates*: neighbour; one who is near + flowers; flowery.

Maybe the author likened the flowers to some other species, as, I noted quite a few *Sarcanthus* and *Cleisostoma*, are synonymous to this genus (?). ex Thailand to Sumatra, eg. *Pelatantheria cristata*.

x *Pelatoritis*: auct. On the syn. list, cf. *Doritis* x *Pelatantheria*.

Pelecaniceps: ref. *pelekanos*: pelican (: bird) + see *-ceps*: small head. Alluding to a flower shape.= *Masdevallia* subgenus.

pelecaniceps : see *Pelecaniceps*. cf. *Malaxis pelecaniceps*.

pelecypod: ref. *pelekys* hatchet; axe + foot. Noted this whilst researching, so for cross-reference: *pelecypod*(s) is a general term for some ancient, extinct shellfish, many like a clam, mussel, etc., now only found as fossils. For the entry concerned, see *Tridachne*.

pelex: helmet. cf. *Pleurothallis pelex*.

Pelexia: Poit.ex Rich.1817: ref. *pelex*: a helmet + of. Ref. the median sepal and petals are united, forming a hood (: the helmet). ex Paraguay, eg. *Pelexia albicans*.

pelicanides: pelican (: bird) + resembling. cf. *Cynorkis pelicanides*.

pelicanopsis: pelican (: bird) + appearance. Many *Bulbophyllum* species have flowers that could be likened to a pelican's head, eg. see sketch at "B" (*Bulbophyllum arfakianum*). cf. *Bulbophyllum pelicanopsis*.

pelicanum: pelican (: bird). cf. *Oncidium pelicanum*.

pelicophora: ref. *pelika*, *pelike*: a vessel for liquid; cup; (small) bowl, etc.+ bearing. cf. *Pleurothallis pelicophora*.

pelio-: used in combwds., as a vague colour term. Ref. *pelios*: livid; blackish-blue.

peliocaulos: see *pelio*+ ref. *caulis*: stem; stalk. cf. *Cystorchis peliocaulos*.

peliochyla: see *pelio*+ lip. cf. *Stelis peliochyla*.

pelioграмма: see *pelio*+ ref. *γραμμα*: mark; letter (as, with writing). Ref. the spots and blotches. cf. *Oncidium pelioграмма*. syn. *O baueri*.

pelioxantha: blackish-blue + brownish-yellow. ex n.west Sth.America, cf. *Pleurothallis pelioxantha*. syn. *P. aphthosa*.

pelix: ref. *pelika*, *pelix*: basin; bowl. + Can ref. to the human pelvis. cf. *Restrepia pelix*.

Pellaianthus: ref. *pella*: bowl + flower.= *Eria* section. syn. *Eria* section *Strongyleria* (?).

pellifeloidis (also noted it as *pellifeloides*): ref. *pellifel*: a skin bladder + resembling. cf. *Pleurothallis pellifeloidis*.

pellipes: ref. *pellis*: skin; hide; pelt + foot. cf. *Eria pellites*.

pellita: skin; hide; pelt + like. cf. *Caladenia pellita*. syn. *Cyanicula gemmata*.

pellucid: see *pellucidus*: (almost) transparent; clear.

pellucida: see *pellucid*. cf. *Diaphananthe pellucida*.

pellucidum: see *pellucid*. cf. *Angraecum pellucidum*. syn. *Diaphananthe pellucida*.

pellucidus: descwd., see *pellucid* + can be: translucent.

pellucidus: as last entry. cf. *Dipteranthus pellucidus*. syn. *Zygostates pellucida*.

Pelma: Finet 1909: ref. *pelma*: sole of a foot, or shoe, usually for the shape. Ref. the column-foot. syn. *Bulbophyllum Thouars*.

pelma: as *Pelma*. ex PNG., cf. *Bulbophyllum pelma*. syn. *B. stipulaceum*.

peloponnesiaca belonging to Peloponessus (admin. division) of Pelopónnisos (peninsula), Greece. cf. *Ophrys x peloponnesiaca* O.& E.Danesch 1972.

pelor: monster, see pelorial. cf. *Dendrobium hosei* var.*pelor*. Took this from a book, but there isn't any official listing. It was also noted as syn. to *Dendrobium hosei*.

peloria: see pelorial. cf. *Orchis peloria*. syn. *Gymnadenia conopsea*.

pelorial, peloric: ref. *pelor*: monster + of: abnormal, etc. Regularity of structure occurring abnormally in flowers normally irregular (variable), or unsymmetrical. The flowers are regular, symmetrical, etc. when they should vary.

pelorica: peloric, see pelorial. cf. *Eulophia pelorica*. Noted as endemic to Qld., Aust.

pelorioides: monster + resembling; appearing abnormal. + See pelorial. cf. *Agrostophyllum pelorioides*.

pelota: could have many expls., but because it's a *Hetaeria* (and they're terrestrials), ref. *pelos* + suffix: of clay (or, can be mud). For it's habitat (?). cf. *Hetaeria pelota*.

peltarion: lit., a small shield. cf. *Brachionidium peltarion*.

peltastes: lit., one who is armed with a shield. cf. *Coelogyne peltastes*.

peltata: as peltate. cf. *Nervilia peltata*. Noted as endemic to Qld., Aust.

peltate: ref. *pelte*: a small shield + Eng. suffix. An organ, or part attached to a support by its inner lower surface, instead of its margin. + Can allude to being shield-shaped, or like.

peltieri: listed for phytologist and author, M.Peltier (fl.c1965). Descs. accr. to him are abbr. to: M.Pelt. ex westn. Europe to n.west Africa, cf. *Dactylorhiza elata* forma *peltieri* (Soó) Raynaud 1985. syn. *D. elata*.

peltiforme: see peltate + shape; form. cf. *Oncidium peltiforme*.

Peltopus: see next entry.= *Bulbophyllum* section.

Peltopus: (Schltr.) Szlach.& Marg.2001: shield + foot. See peltate + ref. the projection at the column-foot. syn. *Bulbophyllum* Thouars.

peltopus: see *Peltopus*. cf. *Bulbophyllum peltopus*.

pelyx: a basin; bowl, etc. (+ see *pelix*). cf. *Lepanthes pelyx*.

pemae: for place name: of Pema (village), Waria River, Morobe District, PNG. cf. *Bulbophyllum pemae* Schltr.1913.

penangensis: for place name: from Pinang (aka. **Penang**), a small state (inc. the island) of n.west Malaysia. cf. *Polystachya penangensis* Ridley. syn. *Polystachya concreta*.

penangiana: as *penangensis* (+ different suffix: belonging to). cf. *Ania penangiana* (Hook.f.) Summerh.1939.

penangianum: as *penangiana*. cf. *Saccolabium penangianum*. syn. *Malleola penangiana* (Hook.f.) J.J.Sm.& Schltr.1913.

penangianus: as *penangiana*. cf. *Gastrochilus penangianus* (Hook.f.) Kuntze. syn. *Malleola penangiana*.

pendens: see pendent. cf. *Caladenia pendens*. Noted as endemic to West.Aust.

pendent: ref. *pendens*: hanging down; directed downwards. Different to nutant, which is standing upright and then drooping, or bending downwards.

pendula: see *penduli*-. cf. *Appendicula pendula*.

pendulata: see *penduli*-+ like (being). For its pendulous habit. cf. *Glomera pendulata*. syn. *G. palustris*. Noted as endemic to New Guinea.

pendulatum: as *pendulata*. cf. *Agrostophyllum pendulatum*. syn. *Glomera palustris*.

penduli-: used in combwds., ref. *pendulus*: hanging. Drooping; hanging down; pendulous. Confusing, as sometimes can be the same as nutant, esp. eg., with an extended raceme, it grows up, out and then a long way down, pendulous with weight. The same with complete plants, becoming pendulous as they mature.

pendulicaule: see *penduli*-+ stem; stalk. cf. *Thrixspermum pendulicaule*. syn. *T. pensile*.

pendulifera: see *penduli*-+ bearing. cf. *Stelis pendulifera*.

penduliflora: see *penduli*-+ flower(s). cf. *Stelis penduliflora*.

penduliscapum: see *penduli*-+ see scape: a kind of flower stem. cf. *Bulbophyllum penduliscapum*.

pendulispica: see *penduli*-+ spike (: raceme). cf. *Stelis pendulispica*.

pendulous: ref. *pendulus*. See *penduli*-.

pendulum: see *penduli*-. cf. *Dendrobium pendulum*.

pendulus: see *penduli*-. cf. *Podochilus pendulus*.

penedensis: could be: from Peneda, or Penedo (?). Noted quite a few towns in Spain and Portugal with these names. Also ref. Peneda (mtn.peak) and P.N.da **Peneda**-Gerês (N.Park) of nthn. Portugal. cf. *Ophrys penedensis* Kalkhoff 1914. syn. *O. apifera*.

penelops: lit., a kind of duck (: bird). cf. *Pleurothallis penelops*.

pengadangense: for place name (+ from), listed as ex Sumatra, Indon. cf. *Bulbophyllum stormii* var. *pengadangense* J.J.Sm.1917. syn. *Bulbophyllum stormii*.

penicillata: see *penicillate*. cf. *Appendicula penicillata*.

penicillate: ref. *penicillum*: a small artist's brush + of; like; having. Having a tuft of hairs, or bristles on the end of an organ, or part. Alluding to resemble a very small paint brush. One major ref. says it means: streaked, as if by a paint-brush, or pencil.

penicillatum: see *penicillate*. cf. *Angraecum penicillatum*. syn. *Jumellea penicillata*.

penicilliform: see *penicillate* + form; shape.

penicillium: see *penicillate* + suffix: characteristic of. Ref. the lip. cf. *Bulbophyllum penicillium*.

peniculata: having, or like a small tail (or, penis). cf. *Thelymitra peniculata*. Noted as endemic to s.east Aust.

peniculus: small tail (+ can be a small penis). cf. *Lepanthes peniculus*. syn. *L. biloba*.

peninsulare: peninsula + suffix: of, etc. Refs. to the Malay Peninsula. cf. *Bulbophyllum peninsulare* Seidenf.1979. Noted as endemic to Thailand.

peninsularis: see *peninsulare*. ex Thailand (Malay Peninsular) etc., cf. *Sarcanthus peninsularis*. syn. *Cleisostoma tenuifolium*.

penna, *pinna*: + used in combwds.: feather; wing.+ Can also be, an arrow. As *penna* is classical Latin, it's often seen with older names. Modern refs. say, now, if you want to say *penna*, you really should use *pinna*.

pennelliae: as *pennelliana*. Listed as ex Costa Rica to Ecuador, cf. *Pleurothallis pennelliae* Luer 1976. syn. *Myoxanthus scandens*.

pennelliana: Pennell + belonging to. For botanist and author, Francis Whittier Pennell (1886-1952). ex Colombia, cf. *Pleurothallis pennelliana* Luer 1998.

Pennilabium: J.J.Sm.1914, see *penna* + lip. Ref. the fimbriate margins of the labellum lateral lobes. ex Java, eg. *Pennilabium aurantiacum*.

pensile: ref. *pensilis*: suspended; hanging. For the plant's habit. cf. *Bulbophyllum pensile*. syn. *Bulbophyllum macrourum*.

pensilis: as *pensile*. Plant hangs from twigs and small branches. cf. *Glomera pensilis*.

pent-; *penta-*; *pento-*: used in compwds., ref. *pente*: five.

pentacarinatum: five + see carinate: keeled. cf. *Epidendrum pentacarinatum*.

Pentaceras: five + horn(s).= *Habenaria* section.

pentachne: five + pieces; parts. cf. *Notylia pentachne*.

pentachromum: five + colours. cf. *Zygopetalum* x *pentachromum* Rchb.f.

pentactis: five + ref. *aktis*: ray. cf. *Dendrobium pentactis*. syn. *D. insigne*. Pers.coll., not uncommon ex PM.PNG., see *insigne*.

pentadactyla: five + digit; finger. cf. *Habenaria pentadactyla*.

pentadactylon: five + fingers. Ref. the digit-like appendages to the lip. cf. *Cynoches pentadactylon*.

pentadactylum: five + digit; finger. cf. *Epidendrum pentadactylum*. syn. *Oerstedella pentadactyla*.

pentaglossa: five + tongue. cf. *Habenaria pentaglossa*. syn. *H. macrura*.

pentagona: five + angles. cf. *Phreatia pentagona*.

pentagonal: as the geometric figure; having five angles; five sides; like a pentagon. Not necessarily equilateral.

pentagonalis: see *pentagonal*. cf. *Liparis pentagonalis*. syn. *L. suborbicularis*.

pentagonum: five + ref. *gonia*: corner; angle. Ref. the five winged ovary. cf. *Dendrobium brevicaule* ssp. *pentagonum*. Noted as endemic to New Guinea.

pentalamellata: five + see lamellate, lamella. cf. *Eulophia pentalamellata*. syn. *E. latilabris*.

pentalobata: five + lobe + like; having. cf. *Tridactyle pentalobata*.

pentandra: five + male(s). Listed as likened to having five anthers, one being true and the others imperfectly formed. cf. *Dilochia pentandra*. syn. *Dilochia wallichii*.

pentanema: five + thread(s). Ref. sepals and petals ending in fine, thread-like tails. cf. *Diplocaulobium pentanema*.

pentaneurum: five + see *neuro-*: nerved; veined. Ref. the median sepal. cf. *Bulbophyllum pentaneurum*.

pentapterum: five + wing(s). Ref. five prominent wings of the ovary (in cross-section: more, or less pentagonal). cf. *Dendrobium pentapterum*. Noted as endemic to New Guinea.

pentaspilum: five + ref. *pilum*: a short heavy spear. Lip has five digit-like calli. cf. *Oncidium pentaspilum*. syn. *Oncidium harrisonianum*.

pentasticha: five rows, or five in a line (?). cf. *Bulbophyllaria pentasticha*. syn. *Bulbophyllum pentastichum*.

pentastichum: as *pentasticha*. cf. *Bulbophyllum pentastichum*.

pentecostale: ref. *pentekostos*: fiftieth + of. + Ref. Pentecost, a Jewish and/or a Christian festival + -ale: of, etc. Perhaps this was when it was found (?). cf. *Oncidium pentecostale*. syn. *O. baueri*.

pentecostalis: see *pentecostale*, and/or by the given locations, may be an oblique ref. to the biblical Mount Sinai, which authorities now place as *Jabal Mosá* (Arabic: "Mountain of Moses), Sinai Peninsula, n.east Egypt (?). cf. *Orchis pentecostalis*. syn. *Orchis mascula* ssp. *speciosa*.

pentecostele: was spelt as such, but may be an error, as there isn't any listing, see *pentecostale*. cf. *Oncidium pentecostele*: *O. pentecostale* (?). syn. *O. baueri*.

Pentheia: Lindley 1836: ex *penthos*: grief; sorrow (+ of). syn. *Disa* P.J.Bergius.

Pentisea: (Lindley) Szlach.2001: five + equal. For the tepals. syn. *Cyanicula*.

pentodonta: five + teeth (toothed ?). cf. *Stelis pentodonta*. syn. *S. alba*.

pentotis: five + ref. *otos*: ear (?). Noted, one major ref. translated this as: in fives. Could be, here, -otis is the same as -otes (?), which denotes a feature. cf. *Encyclia pentotis*. syn. *E. baculus*.

pentoxys: five + see *oxys*: sharp, etc. cf. *Lepanthes pentoxys*.

Pentulops: Raf.1838: *pent-*: five +-ul-: small +-ops: eye. Or (as Mr.Raf. abbreviated his names), could be: five + *tui-*, ref. *tulos*, *tylos*: wart; small lump, etc.(papillae, or calli?) + -ops: face or, eye, or -opsis: appearance (?). Most sources say, ref. the labellum (so, the lip has five small warts or, five small eyes?). syn. *Maxillaria Ruiz & Pav.*

pentura: five + tails. cf. *Maxillaria pentura*.

penzigiana: as *penzigianum*. cf. *Orchis x penzigiana* A.Camus. Listed among the synonyms, without date, location, or "correct name".

penzigianum: belonging to Penzig. Listed for botanist and author, Otto Penzig (1856-1929). ex Madagascar, cf. *Angraecum penzigianum* Schltr.1925.

peperomia: listed for some superficial likeness to the genus *Peperomia* Ruiz & Pavón, family: *Piperaceae* (not orchids). Mostly small herbaceous trailing plants, popular as houseplants and valued for their leaves. Some being attractively spotted, or variegated in pale yellow and green, or "white" and green and mostly having inconspicuous minute flowers. ex trop. Americas, cf. *Epidendrum peperomia* Rchb.f.1854.

peperomiifolium: see *peperomia* + leaf. cf. *Bulbophyllum peperomiifolium*.

peperomioides: see *peperomia* + resembling. May have been compared to *Epidendrum peperomia* (?). ex Ecuador, cf. *Epidendrum peperomioides* Schltr.1921.

per-: used in compwds.: through; by. + As an emphasis: very; completely, etc.

pera: descwd., + used in combwds: purse; pouch; wallet, etc.

peracuminatum: *per-*: very + see *acuminate*: pointed. cf. *Angraecum ramosum* var. *peracuminatum*.

peraffinis: see *per-* + *affinis*, freely trans.: very closely related. May have been compared to *Eria affinis* (?). cf. *Eria peraffinis*.

peraiolae: freely trans.: (those being) very changeable, or variable (see *per*-+ ref. *aiolos* + suffix). cf. *Ophrys peraiolae*. syn. *O. fusca* ssp. *fusca*.

perakense: from Perak state, West Malaysia, Malay Peninsula. cf. *Dendrobium perakense* Hook.f.1890. syn. *Eria javanica*.

perakensis: as *perakense*. cf. *Malaxis perakensis* (Ridl.) Holttum 1947.

peralba: very + white. cf. *Ophrys aranifera* forma *peralba*. syn. *O. sphegodes*.

peraltense: for place name (+ from), listed as ex Panama, but also see *peraltensis*. Could also be: *per*-+ *alt*-+*-ense*, which simply means: from very high, alluding to a high altitude habitat (?). cf. *Epidendrum peraltense*.

peraltensis: for place name (+ from), listed as ex Costa Rica. Noted two villages named Peralta, in the provinces of Cartago and San José (?). cf. *Encyclia peraltensis* (Ames) Dressler 1997. + See *peraltense*. + See next entry.

peraltensis: as *peraltense*. Only listed as ex Mexico to Venezuela, cf. *Pleurothallis peraltensis* Ames.

peraltum: very tall (high? + see *altissima*). cf. *Epidendrum peraltum*.

Peramium: Salisb.ex Coult.1894: small pouch; purse. Has a small pouch at the base of the labellum. eg. *Peramium longibracteatum*. syn. *Goodyera grandis*.

peramoena: very + see *amoenus*: delightful; pleasing; lovely. cf. *Platanthera peramoena*.

peramoenum: as *peramoena*. cf. *Bulbophyllum peramoenum*.

perangusta: *per*-+ see *angust*-: very narrow. cf. *Pleurothallis perangusta*.

perangustum: very narrow. cf. *Prasophyllum perangustum*. Noted as endemic to Tas., Aust.

perbella: *per*-+ ref. *bellus*: very + lovely, etc. cf. *Habenaria perbella*.

perbracteata: very, or much + bracted. cf. *Orchis aristata* var. *perbracteata*. syn. *Dactylorhiza aristata*.

percivaliana: listed for noted grower, R.P.Percival (+ belonging to) of Birkdale, Eng. ex Colombia and Venezuela, cf. *Cattleya percivaliana*.(Rchb.f.) O'Brien 1883.

percnanthum: ref. *perknos*: dark colour(-ed) + flower. cf. *Dendrobium percnanthum*.

percoroiculatum: very + ref. *koronos*: curved; crooked + dimin.+ like; having. cf. *Bulbophyllum percoroiculatum* H.Perrier 1951.

perdita : ref. *perditus*: lost; ruined; destroyed; corrupt. cf. *Lepanthes perdita*.

perductum: ref. *perductus*: traversed; conducted. cf. *Bulbophyllum perductum*. Pers.coll., not uncommon ex PM.PNG.

per-dusenii: for botanist, Per Dusén, see *duseniana* and *perii*. ex Paraná state, Brazil, cf. *Pleurothallis per-dusenii* Hoehne 1936.

peregrina: see *peregrinus*. cf. *Pleurothallis peregrina*. syn. *P. sclerophylla*.

peregrinus: descwd.: a stranger; foreigner; alien. Also, used as: odd; strange; wierd; unusual; exotic; sinister, etc.

pereirae: of Pereira. Haven't any precedent, but may be for where it flowered in cultivation (?). Ref. Pereira, a major city of Risaralda Department, Colombia. Listed as ex Thailand, cf. *Paphiopedilum x pereirae* (Ridl.) P.Taylor 1976.

perennation: continued experience; lasting year by year. + Ref. term of *perennation*: for the period of time that a plant continues to grow.

perennial: loosely applied to those plants lasting more than a couple of years.
perennis: perpetual; (lasting) through the years, etc. cf. *Pleurothallis perennis*.
perexiguum: very + ref. *exiguus*: short; poor; small; meagre; week; feeble; trifle, etc. cf. *Bulbophyllum perexiguum*.
perexilis: I was saying *perex*+*-ilis* and wasted time, until I woke up! It's, *per*+ *exilis*: very + weak and slender. ex Paraguay, cf. *Vanilla perexilis*.
perez-chiscanoi: listed for Spanish botanist and author, J.L.Perez-Chiscano. cf. *Serapias perez-chiscanoi* Acedo 1990. Noted as rare and endemic to Spain.
perfecunda: *per*-: an emphasis; very, etc. + see *fecund*: fruitful, etc. cf. *Benthamia perfecunda*.
perfoliata: very, or much + leafed. + See next entry. cf. *Habenaria perfoliata*. syn. *H. epipactidea*.
perfoliate: of leaves surrounding the stem. Similar to amplexicaulous.
perforans: ref. *per*: through + *forare*: to bore (+see *-ans*). As if it's been bored; drilled, etc. + See *perforata*. cf. *Bulbophyllum perforans*.
perforata: perforated + see *perforans*, *pertuse*. cf. *Pleurothallis perforata*.
Pergamena: Finet 1900: ref. *pergamentum*: a very fine skin, used as a crude (writing) "paper"; parchment. Alluding to the thin, membranous leaves. eg. *Pergamena uniflora*. syn. *Dactylostalix ringens*.
pergameneous: of parchment + Eng. suffix: like, etc. Like, or having the quality of parchment; thin and membranous. + See *Pergamena*.
pergameneum: see *pergameneous*. cf. *Epidendrum pergameneum*. syn. *E. polyanthum*.
pergibbosa: see *per*+ *gibbous*: having many hump-like swellings. cf. *Polystachya pergibbosa*.
pergracile: very + slender; thin. cf. *Dendrobium pergracile*.
pergracilis: very + slender; thin. cf. *Pleurothallis pergracilis*. syn. *P. grobyi*.
pergrata: *per*-: very + ref. *gratus*: pleasing; agreeable. cf. *Trichosalpinx pergrata*.
perhoica: belonging to Perho, a small town of Finland. cf. *Orchis angustifolia* forma *perhoica* Klinge 1899. syn. *Dactylorhiza traunsteineri* ssp. *traunsteineri*.
perhumile: very + see *humilis*: lowly, etc. cf. *Angraecum perhumile*.
peri-: used in compwds.: about; around; near. Can be: encircling; surrounding, and/or used as a very strong emphasis.
perianth: a general term for the floral segments (ref. to the tepals). Comprised of the calyx of the sepals and the corolla of the petals.
perianth tube: when the sepals and petals are fused and they form a tube-like structure. From the ovary forward, to where the flower begins to expand. Hence, many species have flowers alluded to being bell-like; bell-shaped. + See *sepaline tube*.
perii: of Per. For the given name of Per H.Dusen (more, see *duseniana*). ex Paraná, Brazil, cf. *Bulbophyllum perii* Schltr. 1922.
perijaense: as *perijaensis*. cf. *Epidendrum perijaense* Carnevali & G.A.Romero 2000.
perijaensis: from Sierra de Perijá (mnts.), of the Colombia/Venezuela border. cf. *Pleurothallis perijaensis* Dunst. 1978.

periodica: I said *period* +*-ica* and searched for ages, but it's not to do with any kind of period! Possibly, is coined from: *per*-+ *iod*-+*-ica*: emphatic (as, very, much, etc.) + violet-like. Or may be, see *peri*-+ ref.(h)*odos*: way; road, etc.+*-ica* (?). cf. *Specklinia periodica*. syn. *Pleurothallis simmleriana* Rendle.

Peristera: Endl.1837: ref. *peristera*: a pigeon. syn. *Peristeria*.

Peristeranthus: T.E.Hunt 1954: ref. *peristera*: pigeon + flower. Refs. to the column + anther-cap. eg. *Peristeranthus hillii*. Noted as monotypic and endemic to eastn. Aust.

x *Peristerchilus*: auct. On the syn. list, cf. ***Peristeranthus* x *Sarcochilus***.

Peristeria: Hook.1831: a pigeon (+ of) + ref. *peristerion*: a dove; small pigeon. eg. *Peristeria elata*. Noted as the national flower of Panama and now very rare in the wild.

peristeria: see *Peristeria*. cf. *Masdevallia peristeria*.

Peristylis: Benth.ex Benth.& Hook.f.1883, see *Peristylus*. syn. *Peristylus*.

Peristylloideae: *Peristylus* + suffix.= *Peristylus* sub-family. Also, can be, those resembling *Peristylus*. = *Habenaria* section.

peristyloides: *Peristylus* + resembling. cf. *Coeloglossum peristyloides* Rchb.f.1856. syn. *Peristylus densus*.

Peristylus: Blume 1825: see *peri*-+ see style. Ref. the hooded median sepal and the petals envelope the column. ex Malesia to New Guinea, eg. *Peristylus grandis*.

Peristylus: as last entry.= *Habenaria* section.

periyarensis: from Periya (village), Kerala state, s.west India. cf. *Habenaria periyarensis* Sasidh., K.P.Rajesh & Augustine.

perlaxa: see *per*-+ *lax*: very + loose. cf. *Phreatia laxa* var. *perlaxa*.

perlobatum: see *per*-+ *lobate*. cf. *Stellilabium perlobatum*.

perlonga: very + long. cf. *Kefersteinia perlonga*.

perlongum: very + long. Listed as ref. the loosely pendent stems, up to c10ft (3m.) long! cf. *Dendrobium perlongum*.

permixta: ref. *per*-: an emphasis; very, etc.+ ref. *mixtus*: mix(-ed). The specep. is a good one as it's a cross, noted to have three sets of parents. cf. *Orchis* x *permixta* Soó.

permutata: ref. *permutatum*: change completely. Can also be *per*-: an emphasis; much; very, etc.+ ref. *mutatus*: altered; changed. cf. *Ophrys* x *permutata* O.& E.Danesch.

pernambucense: from Pernambuco state, n.east Brazil. cf. *Campylocentrum pernambucense* Hoehne 1938.

pernambucensis: as *pernambucense*. cf. *Cattleya leopoldii* ssp. *pernambucensis* Brieger. syn. *C. guttata*.

pernix: lit., nimble; agile. cf. *Masdevallia pernix*.

peroniocephala: ref. *peronis*: heavy shoe, or boot. Or, ref. *perone*: small pointed tool, used for peircing; a pin. Can also be for a small bone of the arm, or leg; a clasp; a buckle + ref. *kephale*: head (?). cf. *Pleurothallis peroniocephala*.

peroupavae: for place name (+ of), listed as ex São Paulo state, Brazil. cf. *Pleurothallis peroupavae* Hoehne & Brade 1936.

perpallidus: descwd.: *per*-+ *pallidus*: very pale.

perparva: very + small. Deserves a much better specep., as it's a delightful miniature. cf.

Maxillaria perparva. syn. *Hylaeorchis petiolaris*.

perparvulum: very + small + dimin. cf. *Bulbophyllum perparvulum*.

perpaulum: see *per-*: an emphasis + ref. *paulus*: little; small, etc.: very little. cf. *Dendrobium perpaulum*.

perpendiculare: ref. *perpendicularum*, lit.: a plumbline + of; relative to. Can also mean: very straight and upright, similar to Eng., perpendicular. cf. *Bulbophyllum perpendiculare*.

perplexa: ref. *perplexus*: puzzling; involved; intricate. cf. *Disa perplexa*.

perplexum: as *perplexa*. cf. *Dendrochilum perplexum*.

perplexus: as *perplexa*. cf. *Podochilus perplexus*.

perpulchra: very + handsome, etc. cf. *Habenaria perpulchra*.

perpusilla: very + insignificant; small; petty, etc. cf. *Microtatorchis perpusilla*.

perpusilliflora: as *perpusilla* + flower(s). cf. *Stelis perpusilliflora*.

perpusillum: as *perpusilla*. cf. *Pedilochilus perpusillum*. Noted as endemic to Papua, Indon.

perpusillus: as *perpusilla*. cf. *Gastrochilus perpusillus*. syn. *Schoenorchis micrantha*.

perreflexum: very + reflexed. cf. *Bulbophyllum perreflexum*.

Perrierangraecum: Perrier's *Angraecum*. See *Bathiea*, *Angraecum*. = *Angraecum* section.

perrieri: for orig.coll., Dr.Perrier de la Bâthie (+ of), info. see *Bathiea*. ex Madagascar, cf. *Neobathiea perrieri* (Schltr.) Schltr.1925.

Perrieriella: Schltr.1925: for Dr.Perrier de la Bâthie + respectful suffix. Info., see *Bathiea*. ex Madagascar. syn. *Oeonia* Lindl.

perrinii: listed for a Mr.Perrin (+ of), valued employee (c1845) of noted grower, Richard Harrison of Liverpool, Eng.(+ of interest, see *harrisoniae*). ex Brazil, cf. *Cattleya perrinii* Endl.1845. syn. *C. labiata*.

perrottetiana: for orig.coll., botanist George Samuel Perrottet [+ belonging to] (1793-1870), who collected in India, Nepal, etc. cf. *Habenaria perrottetiana* A.Rich.1841.

perrottetianum: as *perrottetiana*. cf. *Satyrium perrottetianum* A.Rich. 1841. syn. *Satyrium nepalense* D.Don 1825.

perrottetii: as *perrottetiana*. cf. *Calanthe perrottetii* A.Rich.1841. syn. *Calanthe triplicata*.

perryae: belonging to Perry, see *perryi*. ex Ecuador, cf. *Maxillaria perryae* Dodson 1982.

perryi: listed for phytologist and author, P.L.Perry. ex Ecuador, cf. *Macroclinium perryii* (Dodson) Dodson 1984.

persephona: listed as ex Rhodes island, Greece and could be for a place name (+ of). Also may be for "beauty" as ref. Gk.myth., Persephone (Roman equiv.: Proserpine): the very beautiful daughter of Zeus and Demeter. Persephone was the goddess of the dead and the earth's fertility. cf. *Ophrys persephona* Paulus 2001.

perseus: is probably for "beauty", as (almost) all of the "gods" were supposed to be extremely handsome, or beautiful. Ref. Perseus a Gk.myth. hero, who slew Medusa (see "M"). cf. *Selenipedium x perseus* auct.1893. Listed among the synonyms, with no further info.

persica: Lat'd. spelling for place name: belonging to Persia (: Iran). cf. *Epipactis persica* (Soó) Hausskn.ex Nannf.1946.

persicina: see *persicinus*. cf. *Masdevallia persicina*.

persicinus: listed as a vague colour term: colour of a peach (fruit).

persimile: very + similar. cf. *Epidendrum persimile*.

persimilis: very + similar. cf. *Liparis persimilis*. syn. *L. condylobulbon*.

persinnile: this has to be an error for *persimile*, *per-*: is an emphasis and there are no refs. to any word, beginning with *sinn-*. Listed as, cf. *Epidendrum persinnile* (*persimile*?).

persistant: an opp. to deciduous: foliate in all seasons. See *per-*+ ref. *sistere*: to stand.

Also means: not falling, or dropping off. With many species the flowers will remain, ie. even though they are very obviously dead, they will not drop off (+ see abscission layer).

perspicabile: very obvious. cf. *Dendrochilum perspicabile*.

perspicabilis: very obvious. cf. *Eria perspicabilis*.

perspicua: ref. *perspicuus*: evident; clear; obvious. ex Turkey, cf. *Ophrys* x *perspicua* Renz & Taubenheim 1983.

pertenue: as *pertenuis*. cf. *Bulbophyllum pertenuis*. syn. *B. intertextum*.

pertenuis: very + slender; delicate, etc. cf. *Pleurothallis pertenuis*. syn. *P. glandulosa*.

pertusa: see *pertuse*. cf. *Dresslerella pertusa*.

pertuse: ref. *pertusus*. Having small holes in a regular pattern; perforated; with holes. Or can be for small dots, or spots likened to perforations.

pertusum: see *pertuse*. cf. *Angraecum pertusum*. syn. *Listrostachys pertusa*.

perula: ref. *pera* + dimin.: small bag; purse; pouch. Should ref. to the mentum as it is described as: saccate, cf. *Dendrobium perula*.

Perularia: Lindley 1835: see *perula* + like, etc. Has small pouch-like cavities at the stigma. syn. *Platanthera* Rich.

perularioides: *perulari-*+*-oides*: small purse; pouch + like + resembling. cf. *Benthamia perularioides*.

perulatum: small purse, etc.+ like; having. cf. *Dendrobium perulatum*.

peruligera: small purse + bearing. cf. *Appendicula peruligera*. syn. *A. undulata*.

peruviana: belonging to Peru (Peruvian). cf. *Brassia peruviana* Poepp.& Endl.1836.

peruvianum: as *peruviana*. cf. *Cynoches peruvianum* Rolfe 1891.

peruvianus: as *peruviana*. cf. *Cyclopogon peruvianus* (C.Presl) Schltr.

peruviensis: from Peru. cf. *Dichaea peruviansis* D.E.Benn.& Christenson 2001.

pervia: ref. *pervius*: open; having an access. cf. *Platanthera pervia*. syn. *P. bifolia*.

pervillei: listed for French botanist, M.Perville (+ of). ex Kenya, Africa, cf. *Platycoryne pervillei* Rchb.f.1855.

-pes: used in combwds., ref. *pes*, *pedis*: foot. Most often refs. to the basal section of an organ or part. eg..*gracilipes*: slender + foot (refs to a fine pedicel). + In descriptions, the word *pes* (on its own), can also be for the measurement: 12" (: 30cm., see *pedalis*).

pescadoensis: for place name: from Pescado. Noted three villages with this name, in different departments of Colombia. cf. *Masdevallia pescadoensis* Luer & R.Escobar 1979.

Pescatobollea Rolfe: listed as, thought to be a cross of *Pescatoria* x *Bollea*. eg. *Pescatobollea gairiana* (Rchb.f.) Fowlie 1968. syn. *Pescatoria gairiana*.

Pescatorea: Rchb.f.1869: see *pescatorei*. syn. *Pescatoria* Rchb.f.

pescatorei: listed for noted grower, V.Pescatore (+ of), of Paris, France. ex Colombia, cf. *Odontoglossum pescatorei* Linden ex Lindley 1852. syn. *O. nobile*.

Pescatoria: Rchb.f.1852: see *pescatorei*. ex Colombia, eg. *Pescatoria bella*.

pescatoriana: as *pescatorianum*. ex Réunion island, cf. *Listrostachys pescatoriana* (Lindley) S.Moore 1877.

pescatorianum: belonging to Pescatore, see *pescatorei*. ex Réunion island, cf. *Angraecum pescatorianum* Lindley 1849. syn. *Listrostachys pescatoriana*.

pescatorii: of Pescatore, see *pescatorei*. ex Mexico, cf. *Brassavola pescatorii* Rchb.f.1878. syn. *Epidendrum parkinsonianum*.

x *Pescawarrea* auct. On the syn. list, cf. *Pescatoria* x *Warrea*.

x *Pescenia*: S.Ohba & J.M.H.Shaw. On the syn. list, cf. *Pescatoria* x *Stenia*.

x *Pescoranthès*: auct. On the syn. list, cf. *Cochleanthes* x *Pescatoria*.

pescottiana: belonging to Pescott. For phytologist and author, Edward Edgar Pescott (1872-1954), FRHS. Was Pomologist (see pomology), for the Vic. Dept. of Agriculture. cf. *Chiloglottis* x *pescottiana* R.S.Rogers 1918. A reported natcross of *C. gunnii* x *C. trapeziformis*. Noted as endemic to s.east Aust.

Pesomeria: Lindley 1838. Listed to be ex *piptein*: to fall off + parts. Noted to have a curious habit: sheds the petals after opening (?). syn. *Phaius* Lour.

Pesomeria: as last entry.= *Phaius* section.

petakensis: listed for place name: from Long Petak, Kalimantan, Borneo. cf. *Zeuxine petakensis* J.J.Sm.1931.

petal: listed as orig. borrowed ex Gk., *petalon*: a thin metal plate. The inner segments of the flower (+ see corolla). Orchids have three, two laterally to the column and the posterior petal, mostly called the labellum, lip, or tongue (which is always discussed separately).

-*petalo*-, -*petalum*, etc.: used in combwds. and is not necessarily to do with a petal. Ref. *petalos*: broad; wide; flat; spread.

Petalocentrum: Schltr.1918. See *petal* + see -*petalo*-+ *centrum*: spur. syn. *Sigmatostalix* Rchb.f.

Petalochilus: R.S.Rogers 1924: see *petal* + *lip*. Noted it has a petaloid lip (: very similar to the petals). syn. *Caladenia* R.Br.

petalodes: *petal* + resembling; petaloid. cf. *Habenaria petalodes*.

petaloid: like; having the shape, or appearance of a petal. eg. Petaloid lip, see *Petalochilus*.

petaloidea: as petaloid (+ of; like, etc.) cf. *Nervilia petaloidea*.

petalolenta: could be, petals + see -*lenta*. Or, see -*petalo*-: broad; wide + see -*lenta*: plenty, etc.(?). cf. *Lepanthes petalolenta*.

petalopteryx: see *petal* + *wing*, or see -*petalo*-: broad + *wing*. Refs. to a petal being wing-like, or it has some organ, or part likened to a broad wing (?). cf. *Lepanthes petalopteryx*.

petense: as *petenensis*. cf. *Stenorrhynchos petense* (L.O.Williams) Burns-Bal. & Greenw. 1986.
syn. *Mesadenella petenensis*.

petenensis: from the Department of El Petén, Guatemala. cf. *Mesadenella petenensis* (L.O.Williams) Garay 1982.

petersii: listed for orig.coll., botanist J.Peters. who collected in Africa, early 1800s. ex Mozambique, cf. *Eulophia petersii* (Rchb.f.) Rchb.f. 1865.

petilum: ref. *petilus*: slender; lean; thin. cf. *Prasophyllum petilum*. Noted as endemic to NSW., Aust.

petiolare: see petiole + -are: relative to, etc. cf. *Bulbophyllum petiolare*.

petiolaris: as *petiolare*. cf. *Maxillaria petiolaris*. syn. *Maxillaria desvauxiana*.

petiolata: see petiolate. cf. *Phreatia petiolata*.

petiolate: see petiole + suffix: like, or having a petiole.

petiolatum: as petiolate. With this example, it can ref. to the leaves, or leaf-sheaths, as both are petiolate. cf. *Dendrobium petiolatum*.

petiolatus: as petiolate. cf. *Acianthus petiolatus*. syn. *Liparis petiolata*.

petiole: listed as orig. borrowed ex *petiolus*: a small foot; small stem, or stalk. Mostly for the leaf stalk before it widens into the blade.

petitiana: belonging to Petit. Listed for botanist naturalist and author, Felix Petit. ex Africa, cf. *Habenaria petitiana* (A.Rich.) T.Durand & Schinz. 1894.

petitianus: as *petitiana*. cf. *Peristylus petitianus* A.Rich. 1840. syn. *Habenaria petitiana*.

petola: a contraction of petal + dimin.: small petal. cf. *Macodes petola*.

petraea: see *petraeus*. cf. *Habenaria petraea*.

petraeus: descwd.: grows on, or among rocks. + See lithophyte.

petri: I thought this would be to do with rock (*petra*), as see the correct name, but it's listed as Lat'd. for the given name: Peter, for Peter MacOwan (info., see *macowanii*). ex Tanzania to Sth. Africa, cf. *Habenaria petri* Schltr. 1924. syn. *H. lithophila* (stone + loves). + See next entry.

petri: noted as Lat'd. for the given name of the orig.coll., Peter Veitch of the famous Eng. nurserymen, James Veitch & Sons. ex Vanuatu, cf. *Spathoglottis petri* Rchb.f. 1877.

petricola: rock + dweller; resident. cf. *Eriochilus petricola*. Endemic to NSW., Aust.

petrogeiton: *petro-*, ref. *petra*: rock + *geiton*: neighbour. ex Bolivia, cf. *Habenaria petrogeiton* Schltr. 1922.

petromedusa: rock + see Medusa. I'll be happy to be corrected, I think it's because it resembled *Habenaria medusa* and also likes a rocky habitat (*petro-*). cf. *Habenaria petromedusa* Webb 1849.

Petronia: Barb.Rodr. 1877. Listed as Lat'd. for H.M.Dom Pedro II, emperor of Brazil. Among many Sth. american countries, it's also listed as ex Brazil. eg. *Petronia regia* (: of a king). Barb.Rodr. 1877. syn. *Batemannia colleyi*.

petronia: as *Petronia*. cf. *Batemannia petronia*. syn. *Batemannia colleyi*.

petrophila: rock + loves. This suggests the plant is a lithophyte, see "L". cf. *Eria petrophila*. syn. *Dendrobium petrophilum*.

petrophilum: as *petrophila*. cf. *Pedilochilus petrophilum*. Noted as endemic to PNG.

petrophilus: see *petrophila*. cf. *Tetradon petrophilus*. syn. *Dendrobium petrophilum*.

petropolitana: listed as: belonging to Petrópolis city, Rio de Janeiro state, Brazil. cf. *Pleurothallis metropolitana* Hoehne.

Petrorchis: D.L.Jones & M.A.Clem.2002: rock + see -*orchis*. syn. *Pterostylis* R.Br.

petrosa: haven't any ref. to this, ref. *petra*: rock + see -*osa*. Could be as in English, petrous: of, or for anything to do with rock. Growing on rock, or perhaps "hard" (as rock?). cf. *Pterostylis petrosa*. Noted as endemic to NSW., Aust.

petulans: impudent; cheeky. cf. *Octomeria petulans*.

pexa: ref. *pexus*: carded; combed. cf. *Lepanthes pexa*.

peyentsinensis: for place name (+ from), listed as ex Yunnan Prov., China (possibly phonetic spelling?). cf. *Habenaria peyentsinensis* Kraenzl.1921.

peyeriana: as *peyerianum*. cf. *Appendicula peyeriana* Kraenzl.1891.

peyerianum: belonging to Peyer. The type is listed as: "Sumatra, Peyer" (for orig.coll.). cf. *Bulbophyllum peyerianum* (Kraenzl.) Seidenf.1974.

peyrotii: of Peyrot. cf. *Aeranthus peyrotii* Bosser 1971. Listed as named for a colleague at the Paris Museum, French botanist, Ms.J.-P.Peyrot. Noted as endemic to Madagascar.

pfavii: of Pfau, see *pfaviana*. ex Costa Rica, cf. *Telipogon pfavii* Schltr.1921.

pfaviana: belonging to Pfau. Listed as Lat'd. surname of orig.coll., Richard Pfau, a Swiss botanist. ex Guatemala, cf. *Vanilla pfaviana* Rchb.f.1883. syn. *V. inodora*.

pfavii: of Pfau, see *pfaviana*. ex Costa Rica, cf. *Trichocentrum pfavii* Rchb.f.1881.

pfisteri: listed for orig.coll., German collector and authority, Gerhard Pfister (+ of). ex Brazil, cf. *Laelia pfisteri* Pabst & Senghas 1975.

pfitzeri: listed for phytologist, naturalist and author, Ernst Hugo Heinrich Pfitzer (1846-1906). Of interest, see *Vandopsis*. ex Bolivia, cf. *Maxillaria pfitzeri* Senghas 1993.

Pfitzeria: Senghas 1998: of Pfitzer, see *pfitzeri*. Noted as monotypic and endemic to Peru.

pfitzerianum: belonging to Pfitzer, see *pfitzeri*. cf. *Ornithidium pfitzerianum* F.Lehm.& Kraenzl.1899. syn. *Maxillaria aggregata*.

Phadrosanthus: Neck.1790: ref. *phaidros*: bright; shiny + flower. Has very glossy flowers. eg. *Phadrosanthus cochleatus*. syn. *Encyclia cochleata*.

phae-, *-phaea*, *phaeo-*, *-phaeum*, *-phaeus*: used in compwds., ref. *phaios*: dusky; dark. Mostly to imply "dark". Can also be for shades of grey, see *phaeus*. Sometimes, can ref. to *phainein*: to show; appear.

phaeantha: dark + flower. cf. *Vanilla phaeantha*.

phaeanthum: dark + flower (: a dark yellowy-brown). cf. *Bulbophyllum phaeanthum*.

Phaedrosanthus: Kuntze 1904: shining flowers (+ see *Phadrosanthus*). eg. *Phaedrosanthus ciliaris*. syn. *Epidendrum ciliare*.

phaenoleuca: ref. *phainein*: to show; appear, or see *phae-* (: "dark") + ref. *leukos*, see *leuc-* (: appears white, or refs. to a paler grey?). cf. *Ponthieva phaenoleuca*.

phaeocephala: dark + head. cf. *Tridactyle phaeocephala*.

phaeochlamys: dark + cape; cloak. Ref. the dark brown sheaths at the base of the pseudobulbs. cf. *Ceratostylis phaeochlamys*.

phaeoclavia: dark + club(s) + of. See club. cf. *Caladenia phaeoclavia*. Noted as endemic to NSW., Aust.

phaeoclavium: as *phaeoclavia*. cf. *Calonema phaeoclavium*. syn. *Caladenia phaeoclavia*.

phaeoglossa: see *phae*-+ tongue. cf. *Maxillaria phaeoglossa*.

phaeoglossum: see *phae*-+ tongue. cf. *Bulbophyllum phaeoglossum*.

phaeomelana: see *phae*-+ black. cf. *Stelis phaeomelana*. syn. *S. ottonis* Schltr.1929.

phaeoneuron: dark + nerves (veins). Ref. the sepals. cf. *Bulbophyllum phaeoneuron*.

phaeopogon: dark + beard. Ref. the lip, has dark purple, and/or dark brown hair. cf.

Bulbophyllum schinzianum var. *phaeopogon*.

phaeopsis: dark + appearance. cf. *Masdevallia phaeopsis*.

phaeorhabdos: dark + see *rhabdo*-: striped, etc. cf. *Bulbophyllum phaeorhabdos*.

phaeotricha: dark + see *trich*-: hair. cf. *Trichotisia phaeotricha*.

phaeus: descwd., dark; dark coloured. + Can be a vague colour term: a darker grey.

Phaiinae: *Phaius* + suffix denotes it's a subtribe.

x *Phaiocalanthe*: Rolfe. On the syn. list, cf. *Calanthe* x *Phaius* (: *Phaio*-).

x *Phaiocymbidium*: auct. On the syn. list, cf. *Cymbidium* x *Phaius* (: *Phaio*-).

phaiostele: dusky-grey + see *stele*: pillar; column. cf. *Geesinkorchis phaiostele*.

Phaius: Lour.1790: ref. *phaios*: dusky grey; swarthy. Ref. exterior of the floral segments, usually a chalky-grey. Another theory for the name is, when picked or damaged the flowers go grey. I press-dried a couple of *Phaius tankervilleae** flowers and they did turn a very inky-grey. A shame, not a vestige of their true splendour.

*Listed as first ex Cochinchina (cVietnam) and desc. as *Phaius grandifolius*

Lour.1790 (now, syn. to *Phaius tankervilleae*).

Phajinae (+ *Phaiinae*): see *Phajus*, *Phaius* + suffix denotes it's a subtribe.

phajodes: as *phajoides*. cf. *Alismorkis phajodes*. syn. *Calanthe angustifolia*.

phajoides: *Phajus* (: *Phaius*) + resembling. Ref. the plant appearance. cf. *Calanthe phajoides*.
syn. *Calanthe angustifolia*.

Phajus: Hassk.1844: see *Phaius*. syn. *Phaius* Lour.

phalacrocorax: I took this for two words, ex *phalakros*: smooth; baldheaded + *corax*: a crow (bird). Later, found it is also listed as the one word, for another bird: a **cormorant**. cf. *Liparis phalacrocorax* N.Hallé 1977. Noted as endemic to New Caledonia.

phalaena: also ref. *phalaina*, both for a kind of moth. cf. *Telipogon phalaena*.

Phalaenanthus: moth + flower.= *Dendrobium* section.

x *Phalaenetia*: auct. On the syn. list, cf. *Neofinetia* x *Phalaenopsis*.

x *Phalaenidium*: Garay & H.R.Sweet. On the syn. list, cf. *Kingidium* x *Phalaenopsis*.

x *Phalaenopapilio*: Garay & H.R.Sweet. On the syn. list, cf. *Papilionanthe* x *Phalaenopsis*.

phalaenophily: technical term for when flowers are pollinated by a moth.

phalaenophora: moth + bearing. Alluding to a flower (shape). cf. *Jumellea phalaenophora*.

phalaenophorum: as *phalaenophora*. cf. *Mystacidium phalaenophorum*. syn. *Jumellea phalaenophora*.

Phalaenopsiinae: *Phalaenopsis* + suffix denotes it's a subtribe.

Phalaenopsis: Blume 1825: ref. *phalaina*: a moth + appearance. Flower was likened to a large moth. Also appropriate is its common name: the "moth orchid". eg.

Phalaenopsis amabilis. Famous world-wide as a very important commercial plant. I almost went into raptures when I first found a "Phally". See sketch and notes.

Phalaenopsis amabilis ssp. *rosenstromii* (F.M.Bailey) Christenson.



See notes next page.

Phalaenopsis Blume.

Phalaenopsis amabilis ssp. *rosenstromii* (F.M.Bailey) Christenson.

First found this glorious species at the Brown River area 3/'72, PM.PNG.. Sketch is about 1/2 natural size. Wrote an article for our club newsletter (condensed here) entitled: "Phalaenopsis versus Conservation".

I had heard a rumour that the Forestry Dept. had cleared hundreds of acres of virgin jungle country for a new teak plantation, somewhere "out near Brown River". I got the royal bureaucratic run-around, trying to find out the precise location and attempting to do the right thing, to gain permission to go there.

What an opportunity, all of those jungle giants within easy reach (an old saying, "it's a tall tree you can't climb, when it's on the ground!"), but we were far, far too late! Total devastation, everything above knee-height had been axed and the graveyard of blistered, blackened bodies of ALL the wonderful jungle flora were testament to the vandalism of man and the power of nature.

The area was a huge shallow valley, so imagine a giant compost heap, with a couple of torrential downpours almost every day and then the sun literally cooking everything, creating steamy, unbelievable heat. We collected lots of goodies from the underside of fallen trees, but after only a couple of hours, we were almost collapsing from heat exhaustion. I have never before, or since, worked in such soul-sapping conditions. My mate, Peter and I were both reasonably fit (then), but we were panting like two drover's dogs.

We staggered to the edge of the existing jungle for some shade (which made no difference!) and try to cool off, by washing with the last of our ice (and even put some under our hats). We were almost *non compos mentis* with the heat, but old habits die hard. So whilst trying to recover, my eyes were still working and they kept returning to "something". "...Nah..., it can't be ...", but I know that leaf shouldn't be there, on a tree which had fallen back into the jungle and down into a steep gulley. There was only one way to find out, GO and LOOK! and you couldn't know the effort it took to go down about 30 metres to that "something". "WE'VE GOT A PHALLY !!". There was a huge parent plant, smashed beyond recovery and four smaller ones, still with some life in them (two of which survived, with lots of TLC.).

With a new vitality we returned to the car, for a soak in a nearby (crystal-clear) creek, for the outer man and a couple of celebratory, very cold ales for the inner man.

We should have, but never did go back, as it was too depressing and even now, am sickened by the loss of all that magnificent flora. To this present day, I am still disgusted with that Government Department, just one small 'phone call to either the Horticultural Society, or us (TOSPNG.) and we could have combined forces for a rescue mission, whilst all were still reasonably fresh (before the compost heap started cooking). Today, has anything much changed?

phalaenopsis: moth + appearance, for a fanciful likeness to a flower. cf. *Dendrobium phalaenopsis*. syn. *D. bigibbum*. Noted as the floral emblem of Qld. state, Aust.

Phalaenopsis: see the genus.= *Phalaenopsis* section.

x *Phalaerianda*: auct. On the syn. list, cf. *Aerides* x ***Phalaenopsis*** x *Vanda*.

x *Phalandopsis*: auct. On the syn. list, cf. ***Phalaenopsis*** x ***Vandopsis***.

phalangifera: ref. *phalangion*: venomous spider + bearing. cf. *Pleurothallis phalangifera*.

phalangiferum: as *phalangifera*. cf. *Brachionidium phalangiferum*.

phalangillum: venomous spider + dimin. Alluding to a flower (shape). cf. *Diplocaulobium phalangillum*.

phalangium: spider-like, + ref. *phalangion*: a venomous spider. cf. *Diplocaulobium phalangium*. Trivium: in arachnology (: study of spiders), *Phalangium* is the genus for the common “daddy-long-legs” spider: most toxic spider in Aust., yet is harmless to humans and animals, as their fangs can’t penetrate the skin.

*phallocallosa**: ref. *phallos*: penis + ref. *callosus*: with (or, of) hard skin; calloused. Or, -*callosa* could be ex *kallos*: (of) beauty (?). cf. *Pelexia phallocallosa* R.J.V.Alves 1991. *NB., this is ex Gk.+ Latin, so ref. *phallos*+ *callosus*. (hmmm!)

phallocallosum: as *phallocallosa*. cf. *Pachygenium phallocallosum*. syn. *Pelexia phallocallosa*.

phalloides: ref. *phallos*: penis + resembling. cf. *Lepanthes phalloides*.

x *Phalaphalaenopsis*: J.M.H.Shaw. On the syn. list, cf. ***Paraphalaenopsis*** x *Phalaenopsis*.

phanaenophora: is listed as such, but has to be an error, see *phalaenophora*. cf. *Aeranthes phanaenophora*. syn. *Jumellea phalaenophora*.

phanerogam: ref. *phaneros*: visible + *gamos*: marriage; union. An older term and now mostly known as a spermatophyte (see “S”). + Ref. *phanerogamic*.

phantasma: see next entry. cf. *Habenaria phantasma*.

phantasma: descwd.,+ used in combwds., as *phantasm*:- image; illusion; deceiving likeness; apparition; spectre; phantom, etc.+ Ref. an uncommon English word of, virtually, the same meanings: *phantasm*.

phantasmaticum: see *phantasma* + see *-matica*: of, or from the imagination; imagined. cf. *Oncidium phantasmaticum*. syn. *O. pubes*.

phantasmoides: the book I was working on had it with this spelling, but the official listing is: *pantasmoides* (no “h”). One, or the other must be an error. However, see *phantasma* + resembling. cf. *Pleurothallis phantasmoides*.

Pharochilum: D.L.Jones & M.A.Clem.2002: ref. *pharos*: mantle; cape; shroud; cloak (+ can be: a plough, or a lighthouse) + *lip*. syn. *Pterostylis* R.Br.

phaseliana: listed as: belonging to Phaselis (: Tekirova), a minor coastal city of Antalya Prov., s.east Turkey. cf. *Ophrys phaseliana* D.& U.Rückbr.1996. syn. *O. fusca* ssp.*fusca*.

-*phasis*: sometimes seen in combwds.: form; appearance. Not used very often, mostly you’ll see *-opsis*, *-oides*, *-formis*, etc.

phasma: phantom; ghost, etc. cf. *Catasetum phasma*.

phasmatodes: phantom-like; ghost-like + resembling. cf. *Masdevallia phasmatodes*.

phasmida: ghost-like. cf. *Platystele phasmida*.

phayamense: for place name: from Ko Payam (island, which is also a N.Park), central west coast, Thailand. cf. *Bulbophyllum phayamense* Seidenf.1979.

Pheladenia: D.L.Jones & M.A.Clem.2001: may be a combination of *phelos*: cheating; deceitful + *Caladenia* (or, see *aden* + of ?). cf. *Pheladenia deformis*. Noted as endemic to sthn. Aust.

phenological: of phenology: the scientific study of the periodic occurrences of natural phenomena in Nature. Especially relative to climatic conditions and events.

pheromones: scent producing excrescences. Was in a discussion as: “.. the scent-glands* also release pheromones...”. The gland is not restricted to the one function and exudes a scented substance as an added enticement to an insect pollinator. + See mimicry, club, pseudo-copulation, etc. *(see osmophore).

-*phila*, -*philum*, -*philus* : used in compwds., ex *phileo*: to love; *philia*: fondness; affection, etc., eg. *dendrophila*: loves trees; tree-loving.

philargyus: *phil*-, see -*phila*: loves + silver. cf. *Stelis philargyus*.

philbrickiana: as *philbrickianum*. cf. *Laelia* x *philbrickiana* Rchb.f.

philbrickianum: belonging to Philbrick. For noted Eng. grower, G.Philbrick, first to flower it. ex China, the Himalayas, etc., cf. *Cymbidium eburneum* var. *philbrickianum* Rchb.f.1886. syn. *C. eburneum*.

phile: lovely. cf. *Cattleya* x *phile* auct. Noted as a synonym, with no further info.

philippii: listed for botanist and author, Rudolf Amandus (Rodolfo Amando ?) Philippi (1808-1904). cf. *Chloraea philippii* Rchb.f.1849.

Philippinaea: Schltr.& Ames 1920: (those) of the Philippines. cf. *Philippinaea wenzelii* (Ames) Schltr.& Ames. syn. *Orchipedum wenzelii* (Ames) J.J.Sm.1934.

philippinense: from the Philippines. cf. *Paphiopedilum philippinense* (Rchb.f.) Stein 1892.

philippinensis: as *philippinense*. cf. *Kingiella philippinensis* (Ames) Rolfe 1917. syn. *Phalaenopsis deliciosa*.

phil-jesupii: for phytologist (and orig.coll.), H.P.(Phil.) Jesup. ex Ecuador, cf. *Stelis phil-jesupii* Luer 2002. + See *ann-jesupiae* (for Phil's wife?) and *jesupiorum*.

phillipsii: listed for botanist and author, Edwin Percy Phillips [+ of] (1884-1967). ex Mindanao, Philipp., cf. *Dendrobium phillipsii* Ames & Quis.1935.

philocretnum: freely trans.: loves cliffs. Ref. *philia*: love; fondness, etc.(see -*phila*) + ref. *kremnos*: cliff; crag; overhanging wall, etc. cf. *Epidendrum philocretnum*.

philopsychra: loves cold, see *psycrophile*. For its high altitude habitat. ex New Guinea, cf. *Habenaria philopsychra*.

phiriae: may be for a person's name (+ of), but also ref. Phiri (village), n.west of Mzuzu city, Malawi (?). cf. *Polystachya phiriae* Fibeck 1999. syn. *P. zambesiaca*.

-*phlebia*, -*phlebiu*m, -*phlebiu*s : used in compwds., ex *phleps*: a vein. Of, or for anything to do with a vein or veins. Veined; vein-like, etc. eg., *ionophlebia*.

Phlebochilus: (Benth.) Szlach.: vein(-ed?) + lip. syn. *Caladenia* R.Br.

phleoides: ref. *Phleum*: a genus of grasses + resembling (commonly: Timothy grass). Not for the plant and probably refs. to the raceme (?). cf. *Oberonia phleoides*.

Phleophyllum: grass + leaf (+ see *phleoides*).= *Oberonia* section.

phloem: vascular tissue through which the plant's nutrients are distributed. + See osmosis, etc.

Phloeophila: Hoehne & Schltr.1926: ref. *phloios*: bark + loves. syn. *Pleurothallis* R.Br.

Phloeophilae: those that love bark (a novel way of saying they're epiphytes).=

Pleurothallis section.

phlogina: ref. *phlogos*: flame + like, or for the colours. cf. *Masdevallia phlogina*.

phlox: flame. Alluding to the flower colours: yellows and reds. cf. *Dendrobium subclausum* var.*phlox*. Noted as endemic to New Guinea.

phoebe: may be for a lady's given name, but probably to express "beauty". Ref.

Gk.myth., Phoebe was a Titan (see *titan*) and wife of Coeus. cf. x *Laeliocattleya*

phoebe O'Brien 1892. Listed as a synonym, with no further info.

phoenicanthera: see *phoeniceus* + anther. Ref. the anther-cap. cf. *Maxillaria phoenicanthera*.

phoenicea: see *phoeniceus*. cf. *Encyclia phoenicea*.

phoeniceum: see *phoeniceus*. cf. *Epidendrum phoeniceum*. syn. *Encyclia phoenicea*.

phoeniceus: a colour term: a dull, full red with a tinge of purple.

phoenicoptera: as *phoeniceus* + wing. cf. *Pleurothallis phoenicoptera*.

phoenix: see *phoeniceus*. + Orig. ex Arabian myth.: a giant bird that consumed itself every 500yrs. by fire and then a new one came from the ashes. Early christians adopted it as a symbol of immortality and resurrection. + Is a genus of date-palm (family: *Arecaceae*). cf. *Masdevallia phoenix* Luer 1978.

pholas: ref. *pholis*: scale. cf. *Coelogyne pholas*. syn. *Pholidota chinensis*.

pholcoidea: ref. *pholkos*: bandy; bow-legged + like. cf. *Caladenia pholcoidea*. Noted as endemic to West.Aust.

pholelana: belonging to Pholela (village), Kwazulu-Natal, South Africa. Listed as a cross, cf. *Eulophia* x *pholelana* H.& O.Kurze 1990.

pholeodytes: ref. *pholeos*: a hole; cave + *dytes*: diver, or ref. *duein*: to enter, and/or see *troglydytes*, maybe has a similar explanation (?). cf. *Dracula pholeodytes*.

pholeter: lit., one who hides in a hole. cf. *Lepanthes pholeter*. Of interest, see *troglydytes*.

Pholidota: Lindley 1825: ref. *pholidotos*, lit.: clad with scales; scaly. Ref. the bracts. It's also possible, the name may also be a clever allusion to Pangolins: mammals, commonly called scaly anteaters of the order **Pholidota**. eg. *Pholidota imbricata*. Pers.coll., very common ex PM.PNG. and definitely another "botanical".

pholidotoides: see *Pholidota* + resembling. cf. *Coelogyne pholidotoides*. Many's the time I mistook *Pholidota* to be a *Coelogyne*, esp. with young plants not in flower.

-phora, -phorum, -phorus: used in compwds., ref. *phoreos*: bearer; carrier, and/or ref.

phoresis: a carrying. Mostly, I just note it as: bearing.

phorcophyllus: ref. *phorkos*: a very pale grey, or whitish + leaf. cf. *Elleanthus phorcophyllus*.

Phoringopsis: M.A.Clem.& D.L.Jones 2002. Ref. *phoringes*: a truffle* + appearance, alluding to a tuberoid. syn. *Arthrochilus*. * A truffle is listed as a kind of underground, tuberous fungus, more or less resembling a (lumpy) potato and a much desired food in European countries. Noted they belong to the truffle family, *Tuberaceae* and the common English one is *Tuber aestivum*.

Phormangis: Schltr.1918: *Phorm-*, ref. *phormis*: a basket + ref. *angeion*: receptacle; vessel.

Ref. the lip. syn. *Ancistrorhynchus* Finet.

phormion: a small kind of plant. Or, could be for some likeness to *Phormion*: a genus of the lily family, *Liliaceae* (?). cf. *Bulbophyllum phormion*.

phorophyte: ref. *phoresis*: a carrying, or *phoreos*: bearer; carrier + ref. *phyton*: plant. A general technical term for the trees, shrubs, etc. that are hosts to epiphytes.

-*phos*: used in combwds., listed as a contraction of *photos*: light.

photo-: used in combwds., ref. *photos*: light. Of, or for anything to do with light; daylight, etc.

photosynthesis: many complete books have been written on this subject, so suffice to say: the ability of a plant, by the effect of sunlight on its chloroplasts, within the chlorophyll areas (: the green parts) to convert carbon dioxide from the air, hydrogen from water and dissolved mineral salts, acids, etc. into carbohydrates (: sugars) and other basic essential compounds, required as nourishment for the plant. + See osmosis, phloem, stoma, xylem, parasite, saprophyte, etc.

phototropic: technical term for organs and parts having the ability to grow towards the light. Also called positive phototropism, or positively phototropic. Most all the parts of a plant are phototropic, but the roots are (mostly) aphototropic (: negatively phototropic). ie. They turn away from the light, a good example see anecdote at *mirbelianum*. There are exceptions, as some plants can have both phototropic and aphototropic roots, eg. one, is *Acriopsis liliifolia* (see *javanica*), where I note the rootlets "sticking out".

phoxophylla: ref. *phoxos*: peaked; pointed + leaf. cf. *Pleurothallis phoxophylla*.

x *Phragmipaphium*: auct. On the syn. list, cf. ***Paphiopedilum* x *Phragmipedium***.

Phragmipedium: Rolfe 1896, nom.cons.: ref. *phragmos*, *phragma*: a fence; wall; partition (?).

Could also be likened to a reed (see *phragmitoides*) + *pedium*: small foot. ex Bolivia, eg. *Phragmipedium caricinum*.

phragmites: ref. *phragma*, *phragmos*: fence; wall; partition + like. It's also possible (see *phragmitoides*), it refs. to the slender stems (?). cf. *Epidendrum phragmites*.

phragmitoides: ref. *Phragmites*: a genus of reed-like grasses (of the family: *Graminaea*), alluding to the slender stems + resembling, cf. *Dendrobium phragmitoides*.

Phragmopedilum: Rolfe 1901. See *Phragmipedium*. syn. *Phragmipedium*.

Phragmorchis: L.O.Williams 1938: see *phragmitoides* + orchid. Ref. the stems (likened to those of the reed, *Phragmites*?). Or, ref. *phragmos*, *phragma*: a fence; wall; partition + orchid (?). eg. *Phragmorchis teretifolia* (see *terete* + leaf). Noted as endemic and monotypic, ex Luzon island, Philippines.

phratia: akin; of a kinsman, or clansman; kindred; of a brotherhood. ex Ecuador, cf. *Pleurothallis phratia*.

Phreatia: Lindley 1830: ref. *phrear*, *phreatos*: tank; reservoir; well + of. Listed as ref. the mentum. eg. *Phreatia robusta*. Pers.coll., quite common ex PM.PNG.

Phreatia: as last entry.= *Phreatia* section.

phreatioides: see *Phreatia* + resembling. cf. *Thelasis phreatioides*.

phreatiopse: *Phreatia* + appearance. cf. *Bulbophyllum phreatiopse*.

Phretia: Rchb.f.1857: see *Phreatia*. syn. *Phreatia*.

phrixothrix: ref. *phrixos*: bristling; standing on end + hair. cf. *Lepanthes phrixothrix*.

phryganae: it's noted that in the Balkans of Bulgaria, this refs. to a *phrygana* [+ of] (aka., a **biome**, see "B"): a region, of a particular climate, often having relatively unique flora and fauna. cf. *Ophrys phryganae* Devillers-Tersch.& Devillers 1991. syn. *O. sicala* Tineo.

phrygia: refs. to the ancient area of Phrygia, where the city of Troy was situated, n.west coast of Turkey. cf. *Ophrys phrygia* Fleischm.& Bornmuller 1923. syn. *O. scolopax* ssp.*scolopax*.

phrynoglossa: ref. *phryne*: toad + tongue. cf. *Pleurothallis phrynoglossa*.

phthalma: can't be exact, it's something to do with dyeing; as a dye-stuff, or maybe: dyed (?).+ Ref. (Eng.), phthalein: a kind of dye. cf. *Restrepia phthalma*.

phylacocheira: ref. *phylakos*: guard; sentry + ref. *cheir*: hand. cf. *Habenaria phylacocheira*.

-*phylax*, *phylac*:- used in combwds., ref. *phylax*, *phylakos*: guard; sentry, ex *phylassein*: to guard. Can often imply it has spiky-looking appendages, or projections and appearing to be "armed" with weapons, like a guard. A good example, see *oicophylax*.

phyll-, *phyllo*:- used in compwds., ref. *phyllon*: leaf, or ref. *phyllis*: foliage. Of, or for anything to do with a leaf, or leaves. Can also be an oblique ref. to "green".

-*phylla*, -*phyllum*, -*phyllus* : used in combwds., same as *phyll*-.

phyllanthes: see *phyll*-+ flower. By the discussion, it's reported as alluding to the lip, being leaf-like. (Incidentally, could also mean: green + flower). cf. *Epipactis phyllanthes*.

phyllocardia: leaf + heart. Ref. shape of leaf. cf. *Pleurothallis phyllocardia*.

phyllocardioides: leaf + heart + resembling. Maybe it was likened to *Pleurothallis phyllocardia* (?). cf. *Pleurothallis phyllocardioides*.

phyllocardium: leaf + heart. cf. *Liparis phyllocardium*.

Phyllocaulae: those with leafy stems.= *Lepanthes* section.

Phyllocaulos: see *phyll*-+ stem; stalk.= *Plocoglottis* section.

phyllocharis: see *phyll*-+ grace; pleasure. cf. *Epidendrum phyllocharis*.

phyllochilum: see *phyll*-+ lip. cf. *Odontoglossum phyllochilum*. syn. *Oncidium hastatum*.

phylloclade: a dilated, or unusually flattened stem, or branch; resembling, or having the function of a leaf.

phylloglossum: leaf + tongue. Has a leafy tongue, a leaf-like tongue, or a green tongue (?). cf. *Oncidium phylloglossum*. syn. *Cyrtorchilus xanthodon*.

phyllomega: leaf + large. cf. *Maxillaria phyllomega*. syn. *Lycaste macrophylla* (: large leaf).

Phyllomphax: Schltr.1919: see *phyll*-+ ref. *omphax*: an unripe grape. eg. *Phyllomphax helferi*. syn. *Brachycorythis helferi* (Rchb.f.) Summerh.

phyllomphax: as last entry. cf. *Phreatia phyllomphax*.

Phyllorkis (+ have seen it listed as *Phyllorchis*): Thouars 1822: see *phyll*-+ see -*orkis*, -*orchis*. syn. *Bulbophyllum* Thouars.

phyllorhizus: see *phyll*-+ roots. cf. *Sarcochilus phyllorhizus*. syn. *Chiloschista phyllorrhiza*. + See next entry.

phyllorrhiza: leaf + roots. cf. *Chiloschista phyllorrhiza*. In fact, the roots are the leaves. An epiphyte I once likened to a weird star-fish, as the roots all radiate from an ultra-minute axis, from which the raceme arises (very similar in habit to *Taeniophyllum*). Pers.coll., ex Darwin, NT., Aust. See notes at *Chiloschista*.

phyllorrhizum: see *phyll*-+ roots. cf. *Thrixspermum phyllorrhizum*. syn. *Chiloschista phyllorrhiza*.

phyllostachys: leaf + spike (: a leafy spike. Refs. to the raceme, with many bracts?). cf. *Pleurothallis phyllostachys*.

phylogeny: see phylum: race; tribe + ref. *geneia*: origin. The scientific study to determine the history, and/or the evolution of a species back to the original. + Ref.

phylogenist: a specialist in phylogeny.

phylum (sing.), phyla (pl.): ref. *phyle*: race; tribe. Was in a rather technical section of a book, where the author was dealing with the origins and evolution of orchids, from way back in the prehistoric mists of time (+ see phytogeny). Heavy reading for a lay-man, but absolutely fascinating. I have often wanted to confuse phylum with *-phyllum* and wondered why it didn't make any sense! Am assured a phylum, in Botany (it also applies in Biology) are those plants (thought to be) descendants of an ancient, common ancestor, or form. A primary divergence of the vegetable kingdom, having one, or more classes and usually equal to a sub-kingdom (+ see rank).

Phymatidium: Lindley 1833: ref. *phymation*: small tumor; growth; wart, etc.+ like, or dimin.. ex Brazil, eg. *Phymatidium delicatulum*.

phymatochila: as *phymatochilum*. cf. *Miltonia phymatochila*.

phymatochilum: ref. *phymation*: small tumor; wart, etc.+ lip. Ref. calli on the lip. cf. *Oncidium phymatochilum*. syn. *Miltonia phymatochila*.

phymatodea: small tumor; wart + resembling. cf. *Pleurothallis phymatodea*.

phymatoglossum: ref. *phymation*: small tumor; wart, etc.+ tongue. Ref. the papillose labellum mid-lobe. cf. *Epidendrum phymatoglossum*. syn. *Encyclia varicosa*.

phymatum: ref. *phymation*: small tumor; growth; wart, etc. cf. *Bulbophyllum phymatum*.

phys-, *physo*-.: used in combwds., ref. *physa*: bellows; bubble; bladder; blister, etc. Most often infers: swollen; inflated. eg. *Physosiphon*: swollen + tube.

Physanthera: Bertero ex Steud.1841: see *phys*-+*-anthera*: flowery, or for the anther (? see anther). syn. *Rodriguezia Ruiz & Pav.*

-physema: used in combwds.: bladder-like,+ see *phys*-,+ ref. *physaein*: to inflate. Turgid; swollen; inflated, etc.

Physinga: Lindley 1838: ref. *physinx*: a blister; bubble. Has a small blister-like sac at the base of the lip. syn. *Epidendrum* L.

physiology: used a lot in general discussions. The word is noted to come from *physis*: nature; condition, etc.+ *logos*: discourse; dissertation. The science of the life processes and functions of flora and fauna.

Physoceras: Schltr.1924: see *phys*-+ horn. Has a swollen spur. ex Madagascar, eg. *Physoceras bellum*.

physoceras: see *phys*-+ horn. cf. *Amitostigma physoceras*.

physocoryphum: see *phys*-+ ref. *koryphe*: head; top. cf. *Bulbophyllum physocoryphum*.

physodes: see *phys*-+ resembling. cf. *Taeniophyllum physodes*.

Physogyne: Garay 1982: see *phys*-+ woman. Probably ref. the ovary. syn. *Pseudogoodyera* Schltr.

physophora: see *phys*-+ bearing. cf. *Microcoelia physophora*.

physophorum: as *physophora*. cf. *Angraecum physophorum*. syn. *Microcoelia physophora*.

physoplectra: see *phys*-+ see *plecto*-, *plectrum*. cf. *Habenaria physoplectra*. syn. *Peristylus novoebudarum*.

physoplectrus: as *physoplectra*. cf. *Peristylus physoplectrus*. syn. *P. novoebudarum*.

physopus: see *phys*-+ foot; footed. ex Peru, cf. *Epidendrum physopus*.

Physosiphon: Lindley 1835: see *phys*-+ tube. Ref. the swollen, tube-like appearance of the connate sepals. syn. *Pleurothallis* R.Br.

Physothallis: Garay 1953. A cleverly combined name, ref. ***Physosiphon*** and ***Pleurothallis***. Reported to have similarities to both genera. syn. *Pleurothallis*.

physurid: common term for some “jewel orchids”, as many belong to the subtribe *Physurinae*. Most are prized for their foliage, not the flowers. See entry, “jewel orchid”.

physurifolia: see *phys*-+ tail + leaf, or *phys*-+ see *-ura*: result of an action + leaf (which, can mean: a swollen leaf), or see *Physurus* + leaf (has a leaf likened to a *Physurus*?). cf. *Pogonia physurifolia*. syn. *Psilochilus physurifolius*. + Of interest, see *physurid*.

physurifolius: as *physurifolia*. cf. *Psilochilus physurifolius*.

physuriformis: see *phys*-+ tail + shape; form. Also could mean (*phys*-+ see *-ura* + *formis*): (a) swollen form. Or, has some organ, part, or a group likened to a *Physurus* (?). cf. *Habenaria physuriformis*.

Physurinae: *Physurus* + suffix denotes it's a subtribe.

physuroides: swollen + tail + resembling (ref. the raceme?). Or, swollen + resembling. Also see *phys*-, *physurid*, and/or *Physurus* + resembling (?). cf. *Malaxis physuroides*.

Physurus: Rich.1818, see *phys*-+ tail. Ref. the swollen spur. eg. *Physurus viridiflorus*. syn. *Goodyera viridiflora*.

phyt-, *-phyt*-, *-phyta*, *-phytum*, etc.: used in compwds., ref. *phyton*: plant. For anything to do with a plant.

phytogeography: a branch of botany. The scientific study relative to the distribution of plants. Noted as coined from *phyton*: plant + geography.

phytography: is a branch of botany, dealing with the description, classification and naming of plants; descriptive botany. Different to taxonomy (see “T”), which is a general term and concerns both flora and fauna. I have seen the word, “phytographist” used quite a few times, but it's not in any of my English dictionaries. I suppose, in theory, a “phytographist” should correctly be given the title: “botanical taxonomist”, and/or see *phytologist*.

phytologist: a botanist who specialises in *phytography* (ie., a botanical taxonomist). + See *taxonomist*.

piangbianensis: for place name (+ from), listed as ex Yunnan Prov., China. cf. *Cheirostylis piangbianensis* K.Y.Lang 1996.

picea: see *piceus*. cf. *Bolusiella iridifolia* ssp. *picea*.

piceus: descwd.: of pitch; (fig.) black as pitch; very dark. Can be for the colour term: "black".

pichinchae: for place name (+ of), only listed as ex Ecuador. Have noted, the province of Pichincha, Volcán Pichincha (volcano) and some towns, or villages in other provinces of Ecuador. cf. *Crossoglossa pichinchae* (Schltr.) Dodson 1993.

pichinchensis: from Pichincha, see *pichinchae*. cf. *Sigmatostalix pichinchensis* Dodson 1998.

pickelii: for phytologist Bento José Pickel (1906-1963). ex Brazil, cf. *Habenaria pickelii* Hoehne 1937. syn. *H. trifida*.

pickiana: belonging to Pick. May be for a person's name, but is also listed as ex Mexico and noted a village called Pick, of Campeche state (?). cf. *Teuscheria pickiana* (Schltr.) Garay 1959.

pickianum: as *pickiana*. cf. *Xylobium pickianum* (Schltr.) L.O.Williams 1955. syn. *Teuscheria pickiana*.

picta: painted; coloured (+ see *pictus*). cf. *Caladenia picta*. Endemic to NSW., Aust.

pictum: as *picta*. cf. *Geodorum pictum* syn. *Geodorum purpureum*. Pers.coll., see notes at *Geodorum*.

picturata: see *picturatus*. cf. *Malaxis picturata*.

picturatissima: see *picturatus* + emphatic suffix: very, etc. cf. *Sigmatostalix picturatissima*.

picturatum: see *picturatus*. cf. *Bulbophyllum picturatum*.

picturatus: descwd.: pictured; painted; coloured; adorned, or embellished with colour.

pictus: descwd., sometimes seen in descriptions. Listed as: painted, as if with bad brush work, ie. the colours are streaky and not uniform.

pictus: see *pictus*. cf. *Phaius pictus*. Noted as ex New Guinea through to Qld., Aust.

pidacanthum: ref. *pidax*, *pidakos*: fountain; spring + flowers. Ref. the raceme, the flowers likened to the spray of a fountain, gushing out. cf. *Bulbophyllum pidacanthum*.

pidax: lit., a fountain; spring (+ of interest, see *pidacanthum*). cf. *Pleurothallis pidax*. syn. *P. gelida*.

piepersii: listed for botanist and author, Gustav Robert Pieper (+ of). Noted as ex west Sumatra, cf. *Ceratostylis piepersii* J.J.Sm.1912.

Pierardia: Raf.1838: listed for orig.coll., M.Pierard (+ of, see *pierardii*). syn. *Eria* Lindl.

pierardii: listed for orig.coll., M.Pierard (+ of). cf. *Dendrobium pierardii* Roxb.ex Hook.1822. syn. *D. aphyllum*. See sketch and notes at "A".

pierrei: listed for orig.coll., phytologist Jean Baptiste Louis Pierre (1833-1905). Director of the Saigon Bot.Garden. ex Cambodia, cf. *Microstylis pierrei* Finet 1907. syn. *Malaxis acuminata*.

piesto-: used in combwds., ref. *piestos*: narrowed; squeezed. + Ref. *piezein*: to press; squeeze; constrict; compress.

piestobulbon: see *piesto*+ bulb. cf. *Bulbophyllum piestobulbon*.

Piestobulbon: see *piesto*+ bulb.= *Bulbophyllum* section.

piestocaulon: see *piesto*+ stem; stalk. cf. *Dendrobium piestocaulon*.

piestocaulos: as *piestocaulon*. cf. *Epidendrum piestocaulos*. syn. *E. chlorops*.
piestoglossum: see *piesto*-+ tongue. cf. *Bulbophyllum piestoglossum*.
piestopus: see *piesto*-+ foot; footed. cf. *Liparis piestopus*. syn. *L. viridiflora*.
pilcuense: for place name (+ from), only listed as ex Colombia to Ecuador. cf. *Epidendrum pilcuense* Hágsater 1993.
Pilearia: see *pili*-, ref. the pubescent column-foot + suffix, see *-are*: of, etc.= *Cleisostoma* section.
pileata: see *pili*-, *pileatus*, *pilose*. cf. *Masdevallia pileata*.
pileatum: see *pileatus*, *pileus*. The description refs. this to the column apex, likened to a hairy, felt-like beret, or cap. cf. *Catasetum pileatum*.
pileatus: descwd., see *pileus* + suffix: like, having, or wearing a felt cap; capped (with hair, or bristles).
pileatus: as last entry. cf. *Lissochilus pileatus*. syn. *Eulophia pileata*.
pileolatum: see *pili*-, *pileatus* with an added dimin.: small. cf. *Cirrhopetalum pileolatum*. syn. *Bulbophyllum elegantulum*.
pileus: descwd. (also in English, *pileus*). Listed as orig. for a slightly conical, poorly processed felt cap, given to a freed (Roman) slave as a token of liberty. So, it obviously infers some organ, or part is "hairy". + See *pileatus*.
pileus: as last entry. cf. *Dracula pileus*.
pilgeri: for botanist and author, Robert Knud Friedrich Pilger (1876-1953). ex Brazil, cf. *Habenaria pilgeri* Schltr.1901.
pili-, *pilo*-: used in combwds., mostly for: hair (plural); like, or of hair; hairy, etc. Ref. *pilus*: hair; *pilosus*: hairy; + see *pilos*: a hairy kind of felt-like material.
pilifer: hair + bearing. cf. *Sarcanthus pilifer*. syn. *Cleisostoma striatum*.
pilifera: see *pili*-+ bearing. Ref. hairy base of the labellum. cf. *Eria pilifera*.
piliferum: see *pili*-+ bearing. cf. *Epidendrum piliferum*. syn. *E. paniculatum*.
piliferus: see *pili*-+ bearing. cf. *Corybas piliferus*.
piligerum: see *pili*-+ bearing. cf. *Bulbophyllum piligerum*.
pililobum: see *pili*-+ lobe. cf. *Diplocaulobium pililobum*.
pillansii: listed for botanist and author, Neville Stuart Pillans (1884-1964). Descs. accr. to him are abbr. to: Pill. ex Cape Prov., Sth.Africa, cf. *Disa pillansii* L.Bolus 1916.
Pilophyllum: Schltr.1914: see *pili*-, *pilos* + leaf. eg. *Pilophyllum villosum* (see *villose*). Noted as monotypic, of Malesia to the Solomon Islands.
pilos: sometimes used in combwds., as *pilo*-. Listed as orig. ex Gk., *pilos*: felt (: the material). Nowhere near as sophisticated as modern felt, but basically made the same way, with the fur, hair, or wool of animals. In combwds.: hairy; (almost) shaggy (: *villose*); felt-like; looks, or feels like felt.
pilosa: see *pilose*. cf. *Appendicula pilosa*.
pilose: ref. *pilosus*: hairy; covered with hair. + See *pili*-, *pilos*.
pilosella: see *pilose*, *pilos* + dimin. (: slightly hairy?). cf. *Lepanthes pilosella*.
pilosepala: see *pilose*, *pilos* + sepals. cf. *Gomphicis pilosepala*. syn. *G. viscosa*.
pilosiaures: hairy + ears (eared?). cf. *Lepanthes pilosiaures*.
pilosissima: see *pilose*, *pilos* + emphasitis: very, etc. cf. *Trichotomia pilosissima*.

pilosissimum: as *pilosissima*. cf. *Coelogyne pilosissimum*. syn. *Coelogyne ovalis*.
pilosity: descwd.: the hairy surface covering of an organ, or part. + See indument.
pilosocolumna: hairy + column. cf. *Galeandra pilosocolumna*.
pilostoma: hairy + mouth. cf. *Pleurothallis pilostoma*.
pilostylis: hairy + see style (column). cf. *Stelis pilostylis*. syn. *S. discolor*.
pilosulum: see pilose, *pilos* + dimin.(: slightly, or partly hairy?). cf. *Cleisomeria pilosulum*.
pilosum: see pilose, *pilos*. cf. *Bulbophyllum pilosum*.
pilotaenia: see *pili-*, pilose, *pilos* + *taenia*: ribbon; fillet; band. cf. *Dipodium pandanum* var. *pilotaenia*. syn. *Dipodium scandens*.
pilotensis: for place name (+ from), listed as ex Vic. Aust. cf. *Caladenia pilotensis* D.L.Jones 1999. Noted as endemic.
piluliferum: ref. *pilula*: small ball; pill + bearing. Alluding to the small “head” of flowers. cf. *Bulbophyllum piluliferum*.
Pilumna: Lindley 1844: ref. *pilum*: a javelin-like spear (?). Or, may ref. to a pestle; pounder (*pilumnus*). Noted as alluding to the column. eg. *Pilumna laxa*. syn. *Trichopilia laxa*.
pindica: for place name: belonging to the Pindus Mtns., nthn. central Greece. cf. *Dactylorhiza pindica* B.& E.Willing 1987.
Pinelia: Lindley 1853. Listed for Chevalier Pinel (+ of), a French botanist who specialised in the investigation of extremely small species. ex Venezuela, eg. *Pinelia alticola*.
Pinelianthe: Rauschert 1983: “Pinel’s flower”, see *Pinelia*. syn. *Pinelia* Lindl.
pinelii: see *Pinelia*. ex Brazil, cf. *Miltonia pinelii* Rchb.f.1854. syn. *M. flava*.
pinellianum: belonging to Pinel, see *Pinelia*. ex Brazil to Peru, cf. *Oncidium pinellianum* Lindley 1848. syn. *O. batemannianum*.
pinellii: see *Pinelia*. ex Brazil, cf. *Cattleya pinellii* Lindley 1851. syn. *Sophranitis pumila*.
pinetorum: *pin*-+*-etorum*: pine + habitat: growing in pine forest. cf. *Orchis mascula* ssp.*pinetorum*.
pingbianensis: for place name: from Pingbian, a town of Yunnan Prov., sthn. China, near the Vietnam border . cf. *Anoectochilus pingbianensis* K.Y.Lang 1996.
pingtungense: for place name (+ from), listed as ex eastn. Hanchun Peninsula, Taiwan. cf. *Bulbophyllum pingtungense* S.S.Ying & S.C.Chen 1985. syn. *B. wightii*.
pingue: fat; grease. + See *pinguis*. cf. *Angraecum pingue*.
pinguicola: see *pingue*, *pinguis* + resident; dweller. But, it is noted as an error for *pinguicula*. cf. *Orchis pinguicola*. syn. *Amitostigma pinguicula*.
pinguicula: see *pingue* + dimin. cf. *Amitostigma pinguicula*.
pinguicularioides: see *pingue* + dimin.+ like + resembling. cf. *Cynorkis pinguicularioides*.
pinguis: fat, as in excellent condition; fertile; rich + see *pingue*. cf. *Ceratostylis pinguis*.
pinicola: ref. *pinus*: pine (tree) + resident; dweller. cf. *Octomeria pinicola*.
pinicolum: as *pinicola*. cf. *Bulbophyllum pinicolum*.
pinifolia: pine + leaf. Alluded to resemble some kinds of pine needles. cf. *Glossorrhyncha pinifolia*. Noted as endemic to PNG.
pinifolium: as *pinifolia*. cf. *Dendrobium pinifolium*.
pinna: feather; wing, see *penna*.

pinnate: ref. *pinna* (+ see *penna*), + suffix: of, like, or having a feather; feathers; wing; winged.
 pinnatinerved: a nerve (or, vein) having the shape of a feather. Have only seen this the once, in a discussion, and may have been only a conveniently coined word.
pinnatipartita: feather-like + see partite: division, etc. cf. *Habenaria pinnatipartita*.
pinnatula: having, or like a small wing; feather. cf. *Lepanthes pinnatula*.
pinnifera: as *pinniferum*. cf. *Oerstedella pinnifera*.
pinniferum: see *penna*, pinnate + bearing. cf. *Epidendrum pinniferum*. syn. *Oerstedella pinnifera*.
pinniloba: see *penna* + lobe. cf. *Chelonistele pinniloba*. syn. *C. sulphurea*.
pinocchio: for the main character in the the children's story, "The Adventures of Pinocchio" x Carlo Collodi 1883. Perhaps some organ, or part was likened to a long nose (?). cf. *Masdevallia pinocchio* Luer & Andreeta 1978.
pinoides: a contraction of *pinus*: pine (tree) + resembling. cf. *Pityphyllum pinoides*.
pinosukensis: for place name (+ from), listed as ex Mt. Kinabalu, Borneo. cf. *Robiquetia pinosukensis* J.J. Wood & A.L. Lamb 1993.
Piperia: Rydb. 1901. Listed for American phytologist, Prof. Charles Vancouver Piper (1867-1926). ex Canada to California, USA., eg. *Piperia elegans*.
piperina: as *piperinum*. cf. *Stelis piperina* Lindley 1859.
piperinum: I said "easy, it's to do with *Piperia*" (see the entry), but then noted the dates. Ref. *Piper**+ like, etc., for some superficial likeness. cf. *Epidendrum piperinum* Lindley 1845. **Piper*: a genus of herbs, vines, shrubs and trees of the pepper family, *Piperaceae*. eg. *Piper nigrum*, the source of both black and white pepper.
piperitosa: one major ref. suggests it's for the perfume (ref. piperonal*), likened to that of a heliotrope (see *heliotropica*). Listed as ex Peru, cf. *Restrepia piperitosa*. *Piperonal: a chemical compound used in the manufacture of perfumes.
pipio: chirp; twitter; peep (as bird-like noises), but (more likely) it also means: pigeon; sandpiper (birds). cf. *Prosthechea pipio*.
piquichen: this species is listed from sthn. Chile and sthn. Argentina and the specep. may be an attempt at phonetic spelling for Pihuchén (village), Libertador, Chile (?). cf. *Chloraea piquichen* (Lam.) Lindley 1840. syn. *C. virescens*.
piracanjubensis: from Piracanjuba city, Goiás state, Brazil. cf. *Encyclia piracanjubensis* L.C. Menezes 1991.
piranha: alluding to the infamous toothy fish (?), the spelling is the same. cf. *Dendrobium piranha* C.L. Chan & P.J. Cribb 1994.
piraquarensis: from Piraquara city, Paraná state, Brazil. cf. *Habenaria piraquarensis* Hoehne 1952.
piresiana: belonging to Pires. Listed for botanist, João Murça Pires (1916-1994). ex Brazil, cf. *Maxillaria piresiana* Hoehne 1952.
piriformis: ref. *pirum*: pear + shape; form. + See pyriform. cf. *Liparis piriformis*.
pirrense: for place name (+ from), only listed as ex Panama. cf. *Epidendrum pirrense* Hágsater 2001.

piruensis: from Piru, a west coast town of Ceram (aka., Seram) Island, Maluku, Indon. cf. *Eria piruensis* J.J.Sm.1928.

pisandra: pea + male. Possibly has a pea-shaped anther-cap. cf. x *Laeliocattleya pisandra* H.J.Veitch 1893 (syn.).

piscinica: for place name (+ belonging to), only listed as ex Italy. Noted a town, Piscinas of sthn. Sardinia island, Italy. cf. *Ophrys* x *piscinica* P.& C.Delforge 1986.

pisibulbum: ref. *pisum*, *pison*: a pea + bulb. cf. *Bulbophyllum pisibulbum*.

pisifera: pea + bearing. Possibly refs. to a capsule. cf. *Phreatia pisifera*.

pisiform: ref. *pisum*, *pison*: pea + form; shape. Was in a discussion and ref. to a pseudobulb.

pisinna: ref. *pisinnus*: a diminutive; another word for small, etc. cf. *Pleurothallis pisinna*.

pisobulbon: ref. *pison*, *pisum*: pea + bulb. cf. *Polystachya pisobulbon*. syn. *P. ottoniana*.

pistil, *pistillum*: female reproductive organ, mostly of other flora. The word is sometimes seen in discussion of an orchid's column.

pit: seen in older books. Common name for a specialised area of a green-house, where the environment is replicated (usually, with subdued light, very humid and warm) for those terrestrials and others normally restricted to a forest floor.

pitalensis: for place name (+ from), only listed as ex El Salvador. cf. *Isochilus pitalensis* Hamer & Garay 1981.

Pittierella: Schltr.1906. Listed for Henry Francois Pittier [de Fabrega] (1857-1950) + respectful suffix. A Swiss phytologist, explorer, author and collector. Director of the Institute of Physical Geography of Costa Rica, where he amassed a huge collection of Costa Rican flora. Spent 30yrs. in Venezuela as an outstanding authority on this country's flora and famous for his knowledge on plants of the tropical Americas. syn. *Cryptocentrum* Benth.

pittieri: see *Pittierella*. ex Costa Rica, cf. *Maxillaria pittieri* (Ames) L.O.Williams 1942.

pityophyllum: bran; scale + leaf. cf. *Cleisostoma pityophyllum*.

pityophyllus: as *pityophyllum*. cf. *Sarcanthus pityophyllus*. syn. *Cleisostoma pityophyllum*.

pityphyllum: see *pityophyllum*. cf. *Dendrobium pityphyllum*. syn. *D. violaceum*.

Pityphyllum: Schltr.1920: ref. *pityron*: bran; scale (: mealy; scurfy) + leaf. ex Colombia, eg. *Pityphyllum antioquiense*.

pium: ref. *pius*: good; caring; dutiful; upright; pious, etc. cf. *Epidendrum pium*. syn. *E. rigidum*.

piundaundense: listed for place name: from Piundaunde Valley, near Mt.Wilhelm, PNG. Orig. refs. to two (close together) lakes of the area: Lake Piunde and Lake Aunde. cf. *Pedilochilus piundaundense* P.Royen 1979. Noted as endemic to New Guinea.

piundensis: from Lake Piunde, see *piundaundense*. cf. *Bulbophyllum piundensis* P.Royen 1979. syn. *B. ochroleucum*.

piuntzae: for place name (+ of), only listed as ex Ecuador. cf. *Brachionidium piuntzae* Luer 1995.

piyacnuensis: for place name (+ from), only listed as ex Peru. cf. *Telipogon piyacnuensis* D.E.Benn.& Christenson 2001.

piyananensis: for place name (+ from), only listed as ex China, or Taiwan (?). cf. *Tainia piyananensis* Fukuy.1935. syn. *T. dunnii* Rolfe 1908.

pizzulensis: listed for place name: from Pizzoli, a town of L'Aquila, Abruzzi, central Italy. cf. *Ophrys* x *pizzulensis* Soca.

placantha: ref. *plax*: (something) wide. + Can be: plate; tablet + flower, or see anther (?). cf. *Pabstia placantha*.

placanthum: as *placantha*. cf. *Zygopetalum placanthum*. syn. *Pabstia placantha*.

placanthus: as *placantha*. cf. *Colax placanthus*. syn. *Pabstia placantha*.

placenta: listed as orig., lit.: a flat cake. The word was adapted for the part(s) of the ovary where the ovules are located. + See axile placentation, parietal placentation.

placentation: the way the ovules are arranged on the placenta, within the ovary. + See placenta.

placentina: could be, see placenta +*-ina*: of; like, etc. But, as the plant is also listed as found in nthn. Italy, it may ref. to Placenza (province), and/or (more likely) the city of **Placentia**. Originally an important Roman town, they called it **Placentinus**. cf. *Epipactis placentina* Bongiorno & P.Grünanger 1993.

placo-: used in combwds., ref. *plax*: (something) wide and flat. A surface area, can be likened to a tablet; plate; tray.

placochilum: see *placo*+ *lip*. cf. *Bulbophyllum placochilum*.

Placostigma: Blume 1828: see *placo*+ see *stigma*. syn. *Podochilus* Blume.

placotica: belonging to Plakotí. Noted two places in Greece, a city of Epirus and a village of Western Greece. cf. *Ophrys* x *placotica* B.& E.Willing.

plagianthum: ref. *plagios*: oblique + flower. cf. *Oncidium plagianthum*. syn. *Cyrtorchilum xanthodon*.

plagiatum: oblique + like; having (being). cf. *Bulbophyllum plagiatum*.

plagiopetala: oblique + petal(s). cf. *Phreatia plagiopetala*.

plagiopetalum: oblique + petal(s). cf. *Bulbophyllum plagiopetalum*.

plagiophyllum: oblique + leaf. cf. *Epidendrum plagiophyllum*.

plakotiana: belonging to Plakotí, see *placotica*. cf. *Ophrys* x *plakotiana* C.,G.,U.& W.Thiele.

plana: see *plani*-. cf. *Earina plana*. syn. *E. valida*.

planadensis: for place name (+ from), only listed as ex Colombia. Noted quite a few places called Planada, or Planadas. cf. *Masdevallia planadensis* Luer & R.Escobar 1988.

plani-: used in combwds., mostly refs. to *planus*: flat; even; level; smooth. Also ref.

planum: plain (as, flat country).

planibulbe: see *plani*+ *bulb*. Ref. the pseudobulbs lying flat with the rhizome. cf. *Bulbophyllum planibulbe*.

planibulbis: see *plani*+ *bulb*. cf. *Ceraia planibulbis*. syn. *Dendrobium planibulbe*.

planicaule: see *plani*+ *stem*; *stalk*. cf. *Agrostophyllum planicaule*.

planicaulis: as *planicaule*. cf. *Eria planicaulis*. syn. *Agrostophyllum planicaule*.

planiceps: flat + small head. cf. *Catasetum planiceps*.

planicola: see *plani*+ *dweller*; *resident*. cf. *Thelymitra planicola*.

planifolia: flat + leaf. cf. *Vanilla planifolia*. + See *Vanilla*.

Planifoliae: (those) with flat leaves.= *Aerides* section.

planifolium: flat + leaf. cf. *Bulbophyllum planifolium*.

planifolius: flat + leaf. cf. *Dipteranthus planifolius*. syn. *Zygostates apiculata*.

planilabre: flat + lip. cf. *Dendrobium planilabre*. Took this info. from a book, but there isn't any official listing.

planilabris: flat + lip. cf. *Vanda tricolor* var. *planilabris*.

planipetala: flat + petals. Or, see *petalo-*, which then makes it: flat + broad; wide (: broad and flat ?). cf. *Stelis planipetala*.

planipetalum: flat + petals. Notable, as they are usually twisted. cf. *Cypripedium parviflorum* var. *planipetalum*. syn. *Cypripedium parviflorum* var. *pubescens*.

planiscapa: flat + scape (: flower stem part). cf. *Coelogyne planiscapa*.

planiscapum: as *planiscapa*. cf. *Dendrochilum planiscapum*.

planiusculus: descwd. often seen in descriptions: flat + suffix: almost, or somewhat flat.

plano-convex: was in a discussion, ref. *planus*: flat; level + ref. *convexus*: arched; convex.

Saw this and thought "not possible!", no brains of course, I was thinking of one surface only! The ref. was to a leaf, being flat on top and convex underneath.

plantaginea: (+ have seen it as *plantagina*), ref. *plantaginis* (+ of): plantain, see *Plantago*. cf.

Calanthe plantaginea. syn. *C. griffithii* Lindley 1852.

Plantagineae: see *Plantago* + suffix.= *Habenaria* section.

plantagineum: like plantain, see *Plantago*. cf. *Crepidium plantagineum*. syn. *Malaxis resupinata*.

plantagineus: as *plantagineum*. cf. *Peristylus plantagineus*.

plantaginifolia: see *Plantago* + leaf. cf. *Prescottia plantaginifolia*.

plantaginifolium: see *Plantago* + leaf. cf. *Orchipedum plantaginifolium*.

Plantago: listed as orig. ex *planta*: sole of the foot + suffix: like, alluding to a leaf. A genus of small herbs, commonly called plantain (of the family: *Plantaginaceae*). Most are tenacious weeds with a few having medicinal properties. Refs. to these plants, like *plantagini-*, is obviously for some superficial likeness. There is another plant called a "plantain" which is basically a banana and is not involved in the references.

Plantaginorchis: Szlach.2004: see *Plantago* (+ like) + orchid. syn. *Habenaria* Willd.

plantain: noted as coined from *planta* + *-ina*, see *Plantago*.

Plantanthera: only ever noted this the once and forgot to note the references. Could be legitimate and perhaps coined from *planta*: sole of the foot + anther (?). Much subsequent reading has (almost) convinced me, it's an error for *Platanthera* Rich.

planulata: slightly flat, or slightly flattened (?). See *plani-* + dimin. + like; having (being).

Could also be a similar word as *planiusculus*, or it could be to do with a small plain (as, flat country ?). cf. *Pterostylis planulata*. Noted as endemic to Vic., Aust.

planum: correctly is for a plain (as, flat country), but here it's more likely ex *planus* (changed to suit the genus), see *plani-*: flat, etc. cf. *Dendrobium planum*.

plastic bags: This may seem to be an odd and unnecessary entry, as everyone knows what a plastic bag is! There is no doubt they are an evil blight to the natural

environment when carelessly discarded, but to any kind of gardener they can be a real treasure. Besides the obvious, ie. a plastic bag is the cheapest container you can get. By using my imagination and experimenting, I found a couple of uses you may not think of. Firstly, they can be a nil cost, instant, temporary terrarium (aka., a vivarium, I called it a "hospital") and I have saved many plants that were doing poorly, by putting them into a clear plastic bag. First put in a few handfuls of very moist mulch, or peat moss, etc., now put in your plant, twist tie the top of the bag, snip off a small portion of the bottom corners and then make a small hole at the top to allow access for an occasional mist spraying. Place it (or, hang it up) where it can get the best light, but **never** directly in the sun (unless you prefer them cooked!). I took only **one** healthy, mature back-bulb of a particularly beautiful *Spathoglottis* sp. I had found (see sketch and notes at "S"), tried this idea and in next to no time, was rewarded with two new growths. I also tried (and it worked fine) with *Calanthe*, *Cymbidium* and *Coelogyne* and I'm sure there would be success with many others. I have already recorded my achievement with the stem of a *Dendrobium nobile* (see entry: keiki). Another idea I got from a regular gardening book, was a kind of sleeve-type layering (see "L"). I used a *Dendrobium anosmum* stem (**without** cutting it off the plant) and applied the same principles as above. First I made up a small wire frame (from a bit of old wire-netting) to keep the bag expanded, slit the bottom of the bag (now, it's a tube), put in the frame and then mulch, inside along the length. After sliding this over the stem, fastened the stem with a couple of twist ties to the bottom of the frame so it stayed nestling in the mulch and couldn't move. Then closed both ends of the tube with twist ties to the stem and now we wait. Not very long, Wow, look at those keikis! Naturally, this operation took place in my bush-house out of the sun and the wind. If your plant has upright stems, no problem, just tilt the plant until the stem you want is horizontal, you won't hurt it for the relatively short time it will be in this position. These are great ways to increase your collection and all you risk is a single stem, or pseudobulb, with no threat to the rest of the plant. Sorry to be so long-winded, I find it hard to draw pictures with words, but now you know the reason for this entry, a plastic bag can be a monster, or a marvel.

platanilloensis: from Platanillo. Listed as ex Costa Rica, noted a few villages of this name in different provinces. cf. *Microchilus platanilloensis* Ormerod 2004.

Platanthera: Rich.1817, nom.cons.: see *platy*:- broad, etc.+ flower, or see anther (?). ex Japan to Java and New Guinea, eg. *Platanthera angustata*.

platanthera: as *Platanthera*. cf. *Habenaria platanthera*.

Platanthereae: *Platanthera* + suffix denotes it's a tribe.

platantheroides: see *platy*+- anther + resembling, or *Platanthera* + resembling. Or, may have been compared to *Habenaria platanthera* (?). cf. *Habenaria platantheroides*. syn. *H. alata*.

platantheropsis: see *platy*+- see anther + appearance, or *Platanthera* + appearance (?). cf. *Habenaria platantheropsis* Kraenzl. (syn.).

platantherum: see *platy*-+ flower, or see anther (?). cf. *Conopsideum platantherum*. syn.

Platanthera bifolia.

platensis: from *Rio de la Plata* (lit., "River of Silver", in Eng. aka. the River Plate), where the estuary of the Paraná, Uruguay and Paraguay Rivers meet with the Atlantic Ocean. cf. *Platythelys platensis* (Hauman) Garay 1977.

platichila: see *platy*-+ lip. cf. *Diuris platichila*. Noted as endemic to Qld. & NSW., Aust.

platirachis: see *platy*-+ rachis: flower stem part. cf. *Bulbophyllum platirachis*. syn.

Bulbophyllum maximum.

platy-: used in compwds., ref. *platys*: broad; wide; flat; enlarged, etc.

Platyacron: see *platy*-+ ref. *akros*: top-most. Ref. the labellum, apically broadened, spathulate.= *Oberonia* section.

platyantha: see *platy*-+ flower, or see anther(?). cf. *Asarca platyantha*.

platyanthera: see *platy*-+ see anther. cf. *Habenaria platyanthera*.

platybasis: *platy*-+ base. Ref. flattened base of the pseudobulb. cf. *Dendrobium platybasis*.

platybulba: *platy*-+ bulb. cf. *Liparis platybulba*. syn. *L. elliptica*.

platybulbon: *platy*-+ bulb. cf. *Genyorchis platybulbon*.

platycalcaratum: *platy*-+ spurred. cf. *Saccolabium platycalcaratum*. syn.= *Gastrochilus platycalcaratus*.

platycalcaratus: *platy*-+ spurred. cf. *Gastrochilus platycalcaratus*.

platycardia: *platy*-+ heart. cf. *Stelis platycardia*.

platycardium: *platy*-+ heart. cf. *Epidendrum platycardium*.

platycaule: *platy*-+ stem; stalk. Ref. the rachis. cf. *Thrixspermum platycaule*.

Platycaulon: *platy*-+ stem; stalk.= *Dendrobium* section.

platycaulon: *platy*-+ stem; stalk. cf. *Dendrobium platycaulon*. syn. *D. platygastrium*.

Pers.coll., see sketch and notes.

platyceras: *platy*-+ horn. cf. *Stanhopea platyceras*.

Platycerium: Finet: *platy*-+ horn + characteristic of. eg. *Platycerium madagascariense*. syn.

Angraecum madagascariense.

platyceros: *platy*-+ horn. cf. *Trichoceros platyceros*.

platycheila: *platy*-+ lip. cf. *Microstylis platycheila*.

platycheilum: *platy*-+ lip. cf. *Odontoglossum platycheilum*. syn. *Rhynchostele majalis*.

platychila: *platy*-+ lip. cf. *Oberonia platychila*.

platychilum: *platy*-+ lip. cf. *Crepidium platychilum*. syn. *Malaxis platychila*.

platychilus: *platy*-+ lip. cf. *Phaius platychilus*. syn. *P. flavus*.

Platychilus; *platy*-+ lip.= *Liparis* section.

Platyclinis: Benth.1881: see *platy*-+ bed; couch. eg. *Platyclinis corrugata*. syn.

Dendrochilum corrugatum.

Platyclinis: *platy*-+ bed; couch.= *Dendrochilum* section.

platyclinium: *platy*-+ bed + like. cf. *Epidendrum platyclinium*.

platyclinoides: *platy*-+ bed; couch + resembling. cf. *Diplocaulobium platyclinoides*.

platycolor: see *platy*-+ see color. cf. *Cypripedium* x *platycolor* auct. (syn.).

platycornu: see *platy*-+ horn. cf. *Angraecum platycornu*.

Platycoryne: Rchb.f.1855: see *platy*-+ club(s). Ref. to the petals. ex Kenya, etc., eg.

Platycoryne pervillei.

platycorys: *platy*-+ helmet. cf. *Platanthera platycorys*. syn. *P. ophrydioides*.

platycrater: *platy*-+ basin; bowl. cf. *Dracula platycrater*.

platydactyla: *platy*-+ finger; digit. cf. *Habenaria platydactyla*.

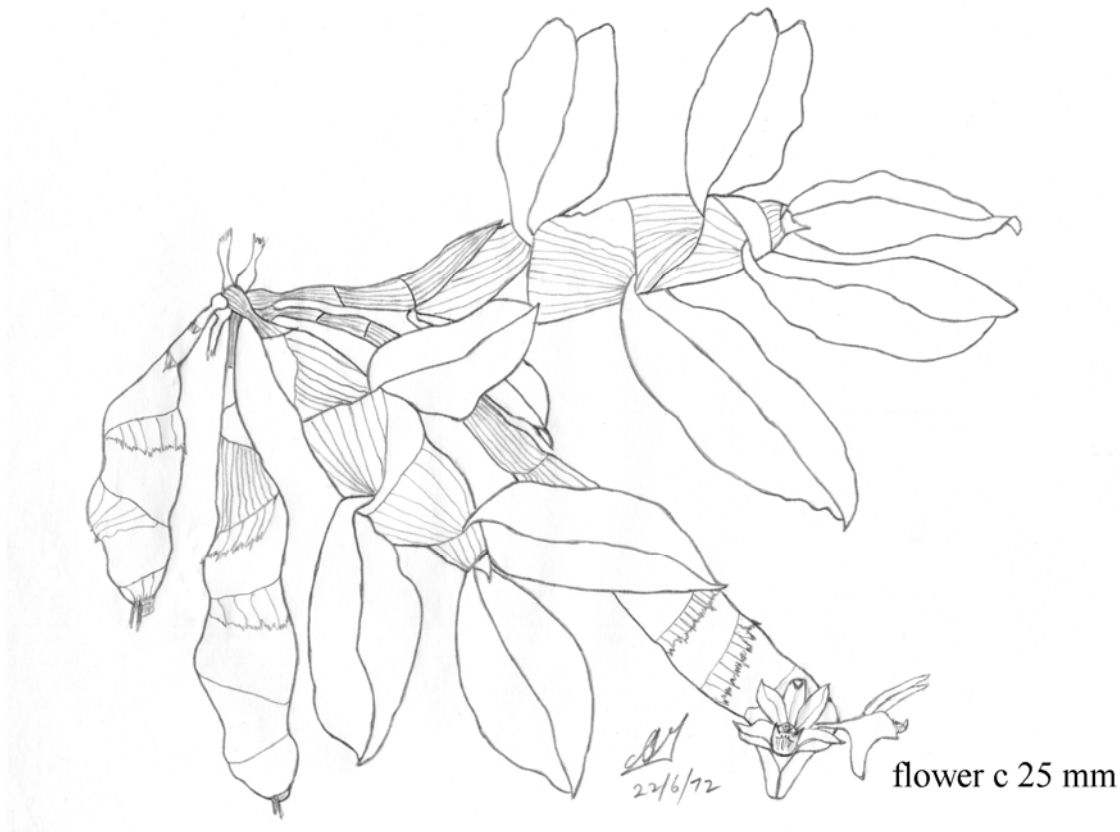
platygastria: as *platygastrium*. cf. *Callista platygastria*. syn. *Dendrobium platygastrium*.

Pers.coll., see sketch and notes.

platygastrium: broad + belly; stomach + of. Alluding to the stem shape. cf. *Dendrobium*

platygastrium. Pers.coll., fairly common ex PM.PNG. See sketch and notes.

Dendrobium platygastrum Rchb.f.



Initially, I was told this is *Dendrobium platygastrum*, but (much) later, found it to be *D. platygastrum*. This odd little species has a very curious habit which, for me, was unique. Fairly common, ex PM.PNG. and in open bush, they seemed to enjoy plenty of sunlight.

I found there were two types (only colour variations) and the differences fairly easy to pick. The most common had green stems and darker green leaves, pale creamy flowers, with golden yellow at the base of the floral segments and lip. The other, the stems and leaves were a much darker green with a reddish-purple metallic tinge and coral-pink flowers (+ with the yellow, made a beautiful contrast).

The stems average approx. c25cms.(10") long x c25mm.(1") wide x c5mm.(1/4") thick and initially have narrow, rounded slender bases growing upwards, then abruptly flatten and broaden*, becoming pendulous with age. *(Hence the specp., *platygastrum*: broad + belly + of). The stems are sheathed with onion-like skin which is mostly shed, along with the leaves as they mature, giving an untidy appearance. Also the stems have an av. 4-6 leaves, alternating on the sides, at the nodes.

The major curious feature is that the plant presents all of its surface area, including the leaves which are twisted 90°, facing away from the host and giving the

appearance of being almost completely FLAT! I've not ever seen any other species that so obviously has a "back" and a "front"!

Its flowers are from the older leafless stems, from the upper nodes on short pedicels, open fully, lasting approx. 4-5 days and sparkle beautifully in the sunlight. Some refs. say they are self-pollinating before opening, but I never encountered this and as they were so common, I'm sure I would have noticed.

platygastrius: as *platygastrium*. cf. *Eurycaulis platygastrius*. syn. *Dendrobium platygastrium*.
platyglossa: see *platy*-+ tongue. cf. *Notylia platyglossa*.
Platyglossum: *platy*-+ tongue.= *Liparis* section.
platyglossum: *platy*-+ tongue. cf. *Catasetum platyglossum*.
Platyglottis: L.O.Williams 1942: see *platy*-+ tongue. eg. *Platyglottis coriacea*. Noted as monotypic and endemic to Panama.
platyglottis: see *platy*-+ tongue. cf. *Pleurothallis platyglossa*. syn. *Stelis parvula*.
Platylepis: A.Rich.1828, nom.cons.: see *platy*-+ scale. Ref. the flower bracts. ex Madagascar, eg. *Platylepis bigibbosa*.
platylepoides: see *platy*-+ scale, or *Platylepis* (?) + resembling. cf. *Cynorkis platylepoides*. syn. *Cynorkis anacamptoides*.
platyloba: see *platy*-+ lobe. Ref. the lip. cf. *Maxillaria platyloba*.
platylobum: see *platy*-+ lobe. cf. *Dendrobium platylobum*. syn. *Cadetia platyloba*.
platymera see *platy*-+ part(s). cf. *Habenaria platymera*. syn. *H. perpulchra*.
platynaris: see *platy*-+ *naris*: nostril. cf. *Odontoglossum platynaris*.
platyodon: see *platy*-+ tooth; toothed, or teeth (?). cf. *Odontoglossum platyodon*. syn. *Cyrtorchilum revolutum*.
platyonyx: see *platy*-+ see *onyx*: finger-nail, etc. cf. *Oncidium platyonyx*.
platyoon: see *platy*-+ see *-on* (*-oon*). cf. *Epidendrum platyoon*. syn. *E. scutella*.
platyotis: *platy*-+ ear (eared). cf. *Epidendrum platyotis*.
platyotum: *platy*-+ of; relative to. cf. *Odontoglossum platyotum*. syn. *O. revolutum*.
platypetala: *platy*-+ petals. cf. *Glomera platypetala*.
platypetalum: broad; wide + petals. cf. *Pterygodium platypetalum*. Noted another listing alludes to the petals as "wings" (see *alare*).
platypetalus: *platy*-+ petals. cf. *Lissochilus platypetalus*. syn. *Eulophia tuberculata*.
platyphylla: see *platy*-+ leaf. cf. *Bulbophyllum shepherdii* var. *platyphylla*. syn. *B. schillerianum*.
platyphyllos: see *platy*-+ leaf. cf. *Orchis platyphyllos*. syn. *Habenaria platyphylla*.
platyphylloserpens: *platy*-+ leaf + see *serpens*: sinuous, etc. Has a broad undulating leaf (?). ex Peru, cf. *Epidendrum platyphylloserpens*.
platyphyllostigma: see *platy*-+ leaf + see *stigma*. Has a broad, marked or spotted leaf, or the leaf is broadly spotted (?). ex Panama, cf. *Epidendrum platyphyllostigma*.
platyphyllum: *platy*-+ leaf. cf. *Dendrobium platyphyllum*. syn. *D. nycteridoglossum*.
platyphyllus: *platy*-+ leaf. cf. *Sarcochilus platyphyllus*.
platypodum: *platy*-+ foot. cf. *Bulbophyllum platypodum*.
platyptera: *platy*-+ wing(s). cf. *Chiloglottis platyptera*.
platypterus: *platy*-+ wing. cf. *Lissochilus platypterus*. syn. *Eulophia angolensis*.
Platypus: Small & Nash 1903: see *platy*-+ foot. Ref. the column-foot. syn. *Eulophia*.
platyrachis: see *platy*-+ rachis: flower stem part. cf. *Octarrhena platyrachis*. Noted as endemic to PNG.
platyrhachis: as *platyrachis*. cf. *Microtatorchis platyrhachis*.
Platyrhiza: Barb.Rodr.1881: see *platy*-+ root(s?, see *rhiza*). ex Brazil, eg. *Platyrhiza quadricolor*.

platyrrhizum: see *platy*-+ roots. cf. *Taeniophyllum platyrrhizum*.
platyrrhachis: as *platyrachis*. cf. *Bulbophyllum platyrrhachis*. syn. *B. janus*.
platysemos: see *platy*-+ banner; flag; sign. cf. *Pleurothallis platysemos* var. *angustifolia*. syn. *P. barbacenensis* Barb.Rodr.1881.
platysepala: *platy*-+ sepal. cf. *Pleurothallis platysepala*.
platysepalus: *platy*-+ sepal. cf. *Odontochilus platysepalus*. syn. *O. klabatensis*.
Platysma: Blume 1825, lit.: a broad object, like a plate; dish, etc. Refs. to the lip. eg. *Platysma gracilis*. syn. *Podochilus gracile*.
platystachya: see *platy*-+ spike (: the inflo.). cf. *Pleurothallis platystachya*.
platystachys: *platy*-+ spike. Ref. the rachis of the inflo. cf. *Thrixspermum platystachys*.
 Pers.coll., common ex PM.PNG.
Platystele: Schltr.1910: see *platy*-+ see *stele* (: column), ex Mexico to trop. Sth.America. ex Costa Rica, eg. *Platystele lancilabris*.
platystele: as *Platystele*. cf. *Cleisostoma platystele*.
platystigma: see *platy*-+ see *stigma* (on the column). cf. *Epidendrum platystigma*.
Platystreptus: *platy*-+ ref. *streptos*: twisted.= *Oberonia* section.
Platystylis: Lindley 1830: see *platy*-+ see *style* (: column). syn. *Liparis* Rich.
Platystylis: as last entry.= *Liparis* section.
platystylis: see *platy*-+ column. cf. *Apostasia platystylis*. syn. *A. odorata*.
platytaenia: *platy*-+ ribbon; band. cf. *Cordula stonei* var. *platytaenia*.
platytaenium: *platy*-+ ribbon; band + characteristic of. Ref. the petals. cf. *Paphiopedilum philippinense* var. *platytaenium*.
Platythelys: Garay 1977: broad; wide, etc.+ ref. *thelys*: woman. Ref. the stigma. ex Brazil, eg. *Platythelys debilis*.
platyunguis: see *platy*-+ claw; nail. cf. *Cyclopogon platyunguis*. syn. *C. apricus*.
plebeia: ref. *plebeius* (: of the people) common people. Common; coarse (as uncultured); vulgar. + Ref. *plebs*: the common people, so the specep. could infer: it's not one of the elite; not outstanding; ordinary. cf. *Schoenorchis plebeia*. syn. *S. micrantha*.
plebeja: same as *plebeia*. cf. *Maxillaria plebeja*.
plebejum: same as *plebeia*. cf. *Dendrobium plebejum*.
plectilis: intricate; complicated. cf. *Lepanthes plectilis*.
 x *Plectochilus*: auct. On the syn. list, cf. ***Plectorrhiza*** x ***Sarcochilus***.
Plectorrhiza: Dockrill 1967: ref. *plectos*: twisted; plaited + roots. Refs. to the way the roots are usually tangled. eg. *Plectorrhiza tridentata*. Noted as endemic to eastn. Aust.
 x *Plectrelgraecum*: auct. On the syn. list, cf. ***Angraecum*** x ***Plectrelminthus***.
Plectrelminthus: Raf.1838: ref. *plektron*: spur + (*h*)*elminthos*: worm. The spur was likened to a worm (good one, Mr.Raf.). eg. *Plectrelminthus caudatus*. Noted as monotypic and endemic to west trop. Africa.
plectro:- used in combwds., ref. *plektron*; *plektron*; *plectrum*, listed as ex *plessein*: to strike. For a small pointed tool for plucking the strings of a musical instrument (as English, *plectrum*). Mostly used ref. to the spur, or an organ, or projecting part likened to a spur. Sometimes, is also used for a point; small spike; prickle; a small pin-like part, etc.

plectrochilum: spur + lip. cf. *Cypripedium plectrochilum*.

plectrochilus: spur + lip. cf. *Criosanthes plectrochilus*. Noted, *Criosanthes* is synonymous to *Cypripedium*. It's not listed, but it may be syn. to *Cypripedium plectrochilum* (?).

plectromaniaca: see *plecto*-+ ref. *mania*: madness (+ suffix): "madly spiked" (?). Perhaps, because a flower looked very fierce, with its spiky projections. ex Kenya, etc., cf. *Habenaria plectromaniaca*.

plectrophora: see *plecto*-+ bearing. cf. *Trichocentrum plectrophora*. syn. *Plectrophora iridifolia*.

Plectrophora: H.Focke 1848: see *plecto*-+ bearing. ex Brazil, eg. *Plectrophora calcarhamata*.

Plecturus: Raf.1825: spur + tail. Spur was likened to a tail. syn. *Tipularia* Nutt.

plei-, *pleio*-: used in compwds., ref. *pleion*: more; more than usual. + Ref. *pleistos*: most.

pleiadea: may be for the group of stars, the Pleiads (+ of), see *Pleione*. Infers the flowers are star-like, or there's a small bright cluster of them (?). cf. *Cynorkis pleiadea*.

pleiantha: more + flowers. cf. *Maxillaria pleiantha*.

Pleianthe: more + flowers. Listed as compared to section *Grastidium* which has two flowers, this has c4-10.= *Dendrobium* section.

pleianthum: see *plei*-+ flowers. cf. *Dendrobium pleianthum*.

pleianthus: as *pleianthum*. cf. *Exochanthus pleianthus*. syn. *Dendrobium pleianthum*.

pleidactylon: see *plei*-+ finger(s?). cf. *Catasetum pleidactylon*.

pleiochroma: see *plei*-+ colour, coloured, or colours(?). cf. *Gongora pleiochroma*.

Pleiodon: more + teeth. Ref. the lip, toothed in front.= *Microstylis* section.

Pleione: D.Don 1825: ref. *pleion*: more (?). Or, more likely for "beauty", ref. Gk.myth., **Pleione**: the mother of the Pleiads: the seven daughters of Atlas, whom Zeus turned into a cluster of stars. May be an oblique ref. to the raceme (?). ex the Himalayas to Myanmar, eg. *Pleione humilis*.

pleioneura: ref. *pleion*: more + -ura: tail(s). A *Pleione* + (with) tail(s), or could be *pleio*-+ *neura*: more + nerves; veins (?). cf. *Cranichis pleioneura*. syn. *C. ciliata*.

pleionoides: *Pleione*, or see *pleio*-: more + resembling (?). cf. *Pleione pleionoides*.

pleiophylla: more + leaves. cf. *Habenaria pleiophylla*.

Pleiophyllum: see *plei*-+ leaf.= *Bulbophyllum* section.

pleiopterum: more + see *pter*-: wing, etc. cf. *Bulbophyllum pleiopterum*.

pleiostachya: more + spike(s). cf. *Eria pleiostachya*.

pleiostachys: more + spike(s). cf. *Pleurothallis pleiostachys*. syn. *Stelis cassidis*.

pleiostachyum: more + spikes. Usually has numerous racemes at the same time. cf. *Dendrobium pleiostachyum*.

pleiotricha: more + ref. *trichos*: hair. cf. *Glomera pleiotricha*.

pleiotrichum: more + hair. cf. *Dendrobium lowii* var. *pleiotrichum*.

pleist-, *pleisto*-: used in combwds., ref. *pleistos*: most.

pleistadenia: most + gland(s) + of. cf. *Cynorkis pleistadenia*.

pleistantha: most + flowers. cf. *Malaxis pleistantha*.

pleistanthum: most + flowers. cf. *Crepidium pleistanthum*. syn. *Malaxis pleistantha*.

pleistochlorum: most + green. cf. *Cypripedium* x *pleistochlorum* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

pleistodactyla: most + fingers. cf. *Holothrix pleistodactyla*.

pleistophylla: most + leaf (leaves?). cf. *Brachycorythis pleistophylla*.

pleistorhizum: most + roots. ex PNG., cf. *Taeniophyllum pleistorhizum*.

pleniformis: descwd., ref. *plenus*: full + shape. Was in a description and ref. to those racemes having flowers very closely clustered and overlapping each other, so there are virtually no visible gaps between them, or their floral segments. Also the word applies to other flora for: "double" flowers. I've never heard of an orchid with "double" flowers, except as a mention in discussions for those with teratologic forms (see "T").

pleomorphic: coined from more + of shape; form. Of very variable forms, occurring in hybrid swarms (see "H"). + Ref. *pleomorphism*: of the ability to have many varied forms.

Pleonandrae: those having more than one male organ. (Ref. *pleion*: more + *andros*: man; male.) + See staminode.

plessidiaca: belonging to Plessidi (: Pilion, a mtn. peak), eastn. Thessaly, Greece. cf. *Orchis* x *plessidiaca* Renz 1928.

pleur-, *pleuro-*: used in compwds., ref. *pleura*: the side. Can be confusing, as can also ref. to *pleuron*: a rib, or ribs (as ribs are on the side). So, can be taken as: side; lateral; of the side; sideways, or towards the side. Or: of a rib; ribs; ribbed; having, or like a rib, etc.

Pleuranthemum: see *pleur-* + ref. *anthemon*: flower. = *Ceratostylis* section.

Pleuranthium: Benth. 1881: see *pleur-* + flowers + of. Ref. the lateral inflos. syn. *Epidendrum* L.

pleuranthoides: see *pleur-* + flower + resembling. cf. *Maxillaria pleuranthoides*.

pleurobotrys: same as expl. for *Pleurobotryum*. cf. *Epidendrum pleurobotrys*.

Pleurobotryum: Barb. Rodr. 1877: see *pleur-* + *botry-*: ribs + bunch; bunched ribs, or a bunch of ribs (?). Ref. the ramicauls. syn. *Pleurothallis* R.Br.

pleurodes: ribs + resembling. The petals are slender and bent inwards, likened to ribs. cf. *Dendrobium pleurodes*.

pleurorachis: see *pleur-* + see *rachis*: flower stem part. cf. *Lepanthes pleurorachis*.

pleurostachys: see *pleur-* + spike (raceme). cf. *Orleanesia pleurostachys*.

Pleurothalleae: *Pleurothallis* + suffix denotes it's a tribe.

pleurothallid: *Pleurothallis* + like. Common term for those plants closely related, or having close affinities to the genus. + See *pleurothalloid*.

pleurothallidanthum: *Pleurothallis* + like + flower. cf. *Bulbophyllum pleurothallidanthum*.

Pleurothallidinae: *Pleurothallis* + suffix denotes it's a subtribe.

Pleurothallis: R.Br. 1813: see *pleur-* + ref. *thallos*: sprout; shoot; branch. Listed as ref. the ramicauls. ex Mexico to Panama, eg. *Pleurothallis alata*.

pleurothallis: see *pleur-* + sprout; shoot; branch. cf. *Ceratostylis pleurothallis*.

pleurothallodes: *Pleurothallis* + resembling. cf. *Scaphosepalum pleurothallodes*.

pleurothalloid: having some organ(s), or part(s) likened to that of *Pleurothallis*, or having the general appearance (facies) of a *Pleurothallis*.

pleurothalloides: see *pleurothalloid*. cf. *Dendrobium pleurothalloides*. syn. *Diplocaulobium inauditum* (: an expression of disbelief, see the entry).

Pleurothallopsis: Porto & Brade 1937: *Pleurothallis* + appearance. Noted to be for its close resemblance. syn. *Octomeria* R.Br.

Pleurothallopsis: *Pleurothallis* + appearance.= *Restrepia* section.

pleurothallopsis: see *pleurothalloid*. cf. *Cryptocentrum pleurothallopsis*.

Plexaure: Endl.1833: ref. *plexus*: braid; plait + see *-ura*: tail, or for the action (?). Either way the inflo. is likened to being plaited (or, as a plaited tail?). syn. *Phreatia* Lindl.

Plexaure: as last entry.= *Phreatia* section.

plexauroides: see *Plexaure* + resembling. cf. *Phreatia plexauroides*.

plexus: descwd.: a twining; braid; plait. Plaited.

plicata: see *plicate*. cf. *Caladenia plicata*. Noted as endemic to West.Aust.

plicate: ref. *plicatus*: folded; pleated. Having creases resembling pleats. In extreme: like a closed fan.

plicatilabella: *plicate* + *lip*. cf. *Eria plicatilabella*. syn. *E. tomentosiflora*.

plicatile: see *plicate* + suffix denotes a feature. Ref. the central lobe is frilled and pleated. cf. *Dendrobium plicatile*. syn. *Flickingeria fimbriata*.

Plicatiles: see *plicatile*.= *Flickingeria* section.

plicatissima: *plicate* + emphatic suffix: very, etc. Ref. labellum ridges. cf. *Coelogyne plicatissima*.

plicatum: *plicate*. Ref. labellum margins. cf. *Bulbophyllum plicatum*.

plicigerum: ref. *plico*: pleat; fold, etc.+ bearing. cf. *Cyrtochilum plicigerum*.

Pliny the Elder: did an entry as have had to ref. to him a few times. Noted as correctly: Gaius Plinius Secundus (AD.23-79), born nthn. Italy. An eminent public figure, was a lawyer and author of many scientific and historical manuscripts, inc. his major work: "Natural History" (of 37 *libri*, or "books"), the last publication being AD.77. He was Admiral of the fleet at Pompeii and died from the volcanic gases, when Mt.Vesuvius erupted.

Plocaglottis: Steudel 1841. See *Plocoglottis*. syn.= *Plocoglottis*.

Plocoglottis: Blume 1825: ref. *ploke*: bound together + tongue. The lip is joined to the column by a membranous fold each side. ex Borneo, eg. *Plocoglottis dilatata*.

plocoglottoides: see *Plocoglottis* + resembling. cf. *Dendrochilum plocoglottoides*.

plorae: of Plóra, a town of Iráklion, central sthn. Crete island, Greece. cf. *Ophrys* x *plorae* C.& A.Alibertis 1989.

plumaeforme: ref. *pluma*, *plumae*: feather(s) [or, can be for: soft down] + shape; form. cf. *Prasophyllum plumaeforme*. + See *plumiforme*, which is the official spelling. Noted as endemic to West.Aust.

Plumatichilos: Szlach.2001: plumed, or feathered + lip. syn. *Pterostylis* R.Br.

plumatum: plumed; feathered; like, or having feathers. Refs. to the paleae. One author noted it as "peculiar", what an understatement! cf. *Bulbophyllum plumatum*.

plumbeus: descwd., lit.: of, or to do with lead. + Can be a colour term: lead coloured: a dull bluish-grey.

plumea: feather, or soft down + of. cf. *Oberonia plumea*.

plumifera: plume; feather; wing + bearing. cf. *Lepanthes plumifera*.

plumiforme: same as *plumaeforme*. cf. *Prasophyllum plumiforme*. Endemic to West.Aust.

plumilobum: plume; feather; wing + lobe. cf. *Dendrobium plumilobum*.

plumosa: see plumose. Labellum likened to a feather. cf. *Pterostylis plumosa*.

plumose: plumed; feathered; winged. Mostly: having organs, parts, or appendages likened to a feather, or feathers. Can also mean: downy.

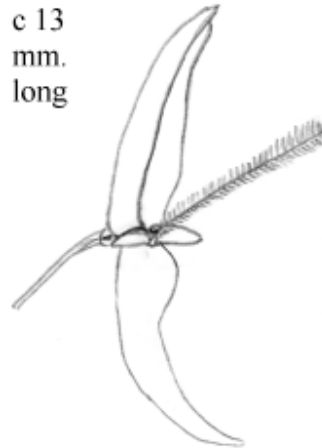
plumosum: see plumose. cf. *Genoplesium plumosum*. Noted as endemic to NSW., Aust.

plumosus: see plumose. cf. *Podochilus plumosus*.

plumula: *pluma* + dimin.: small feather. cf. *Bulbophyllum plumula*. Pers.coll., ex PM.PNG.

See sketch and notes.

***Bulbophyllum plumula* Schltr.**



For many years I just called it "the feather-tongue Bulbo.", not knowing its "correct name" (see "C"), + see *plumula*: small feather. Dainty and fascinating, the non-resupinate (see "N") flower opens fully (: fully expanded), is a very deep red colour and about 13mms. long. The feather-like labellum vibrates at an incredible speed, with the slightest air movement. I have a photo of it in action and the labellum is just a blur, travelling up and down in an arc of about 130°.

It was not uncommon in PM.PNG., but because the plants and flowers are so small, most people would ignore wonderful little species like this and so, sadly dismiss them in ignorance of their beauty. As I've mentioned before, I love miniatures, it often seems the smaller the flower, the more exquisite they are.

pluri-: used in compwds., ref. *pluris*: more; more than one; several.

plurialata: see *pluri*-+ winged. cf. *Cyrtosia plurialata*.

pluricallata: *pluri*-+ *call*-+ *ata*: like, or having more calli. cf. *Chiloglottis pluricallata*. Noted as endemic to NSW., Aust.

pluricostatum: several + ribbed. Ref. the lip. cf. *Dendrobium pluricostatum*. syn. *D. hosei*.
pluridentata: several + see dentate. cf. *Liparis pluridentata*. syn. *L. laxa*.
pluriflora: several + flowers. cf. *Cleistes pluriflora*.
pluriflorum: several + flowers. cf. *Bulbophyllum pluriflorum*.
plurifolia: see *pluri*-+ leaf. cf. *Cleistes plurifolia*.
plurifoliata: see *pluri*-+ foliate: more + leafed. cf. *Habenaria plurifoliata*.
plurifolium: several + leaves. cf. *Bulbophyllum plurifolium*. I know they exist, but I've never seen a *Bulbophyllum* with more than one leaf.
pluriracemosa: several + racemes (emerge from the one bract). cf. *Pleurothallis pluriracemosa*. syn. *P. floribunda*.
plurispicata: *pluri*-+ *spic*-+*-ata*: several, or more + spike(s) + like; having. cf. *Stelis plurispicata*. syn. *S. viridipurpurea*.
Plurituberculata: see *pluri*-+ see tuberculate. Mainly, refs. to the small tubercles of the labellum.= *Oncidium* section.
plurituberculatum: as *Plurituberculata*. cf. *Cyrtorchilum plurituberculatum*.
pluviaflorum: ref. *pluvius*: rainy + flower. cf. *Oncidium pluviaflorum*. syn. *O. allicorne*.
plynophora: ref. *plynos*: basin; washtub + bearing. cf. *Masdevallia plynophora*.
 PNG.: had to put in a comment. Papua New Guinea, an orchid paradise!. Even back in the early 60's, authorities stated there were approx. 2,600 known species in 128 genera, from tropical sea-level to mountains, snow-capped all year round. My experience was confined to Port Moresby and its environs and I had been there c7yrs. before being captivated by orchids. I only wish I had known of them much earlier. For my first introductions, see the entries, *smillieae* and *javanica*.
poaefolia: grass + leaf. cf. *Maxillaria poaefolia*.
poaeforme: ref. *poa*: grass + form; shape. cf. *Epidendrum poaeforme*. syn. *E. miserrimum*.
poaeformis: as *poaeforme*. cf. *Eulophia poaeformis*. syn. *E. milnei*.
Poaephyllum: Ridl.1907: grass + leaf. ex New Guinea, eg. *Poaephyllum tenuipes*.
poaphyllum: *poa*: grass + leaf. cf. *Angraecum poaphyllum*. syn. *A. pauciramosum*.
poasensis: for place name (+ from), only listed as ex Costa Rica. Could ref. to Volcán Poás N.Park, and/or there are also two villages (called Poás) in this general region. cf. *Lepanthes poasensis* Luer 1995.
pobeguinii: listed for orig.coll., phytologist Charles Henri Oliver Pobeguini [+ of] (1856-1951). ex westn. trop. Africa. cf. *Polystachya pobeguinii* (Finet) Rolfe 1918.
pocillum: lit., a small cup. Alluding to a flower shape. cf. *Bulbophyllum pocillum*.
poculata: ref. *poculum* + suffix: cup-like; cupped. cf. *Trichotosia poculata*.
poculifera: goblet, or cup + bearing. cf. *Pleurothallis poculifera*.
pod-, *podo*-: used in compwds.: foot. Of, or like a foot, or often refs. to the foot of an organ, or part, ie. the basal end.
podagraria: foot + grass-like. cf. *Dendrobium podagraria*. syn. *D. angulatum*.
Podandria: Rolfe 1898: foot + male + of. Ref. the anther-cap. syn. *Habenaria* Willd.
Podandria: as last entry.= *Habenaria* section.
Podandriella: Szlach.1998. See *Podandria* + small. syn. *Habenaria* Willd.

Podangis: Schltr.1918: foot + vessel. Ref. the lip and spur. eg. *Podangis dactyloceras*. Noted as monotypic and endemic to trop. Africa.

Podanthera: Wight 1851: foot + see anther. eg. *Podanthera pallida*.syn. *Epipogium roseum*.

podesta: a strange choice, as this species is listed to be endemic to the Netherlands. A *podesta*, lit., was a chief magistrate, or govenor (formerly, of an Italian town). cf. *Dactylorhiza maculata* ssp.*podesta* (Landwehr) Kreutz 2000.

-*podium*: used in combwds.: small foot, or: relative to, or of a foot, ie. ref. to the basal end of an organ, or part.

podocarpifolium: ref. *Podocarpus* (tree) + leaf. + See *podocarpophilum*. cf. *Dendrobium podocarpifolium*.

podocarpophilum: did this literally: foot + fruit + loves and couldn't fathom any association. Did some reading and *Podocarpus* is a tree (family: *Podocarpaceae*) + with -*philum*: loves. This infers it prefers this tree as a host. cf. *Epidendrum podocarpophilum*.

podochila: foot + lip. cf. *Maxillaria podochila*.

Podochileae: *Podochilus* + suffix denotes it's a tribe.

Podochilinae: *Podochilus* + suffix denotes it's a subtribe.

Podochilodes: foot + lip + resembling, or resembles *Podochilus* (?).= *Chitonanthera* section.

podochiloides: noted, it was likened to a *Podochilus* (+ -*oides*: resembling). cf. *Appendicula podochiloides* J.J.Sm. + See next entry.

podochiloides: foot + lip + resembling. Did another entry, as this is not because it's like *Podochilus*. The lip is described as pandurate, so it's alluding the lip has the shape of a (human) foot. cf. *Dendrobium podochiloides*.

Podochilopsis: Guillaumin 1963: foot + lip + appearance. Or, has the appearance of a *Podochilus* (?). cf. *Podochilopsis dalatensis*. syn. *Adenoncos vesiculosa*.

Podochilus: Blume 1825: foot + lip. The name is pointing out a feature and says: look at the foot of the lip. Refs. to the basal appendages. ex Sri Lanka, eg. *Podochilus saxatile*.

Pododesme: foot + bundle. Ref. the sheathing bracts (: the bundle) covering most of the peduncle (: the foot).= *Appendicula* section.

podogaria: foot + kind of spear. cf. *Dendrobium podogaria*.

podoglossa: foot + tongue. cf. *Trichosalpinx podoglossa*.

podostachys: foot + spike. This points out a feature, the raceme (: spike) has a clear and obvious peduncle (: the foot). cf. *Oberonia podostachys*.

Podostachys: see *podostachys*.= *Oberonia* section.

podostylos: foot + see style (: column). cf. *Epidendrum podostylos*.

podzolic: (+ ref. podsol, podzol), seen in ref. to habitats of terrestrials. Refs. to a whitish-grey type of soil, common to mountainous regions and cool, very moist climates. Want more info.?, read up on pedology: study of soils.

poecilum: ref. *poikilos*: (of colours) variegated; mottled; dappled. cf. *Cyrtopodium poecilum*.

poekilon: see *poecilum*. cf. *Bulbophyllum poekilon*.

poepigiana: belonging to Poeppig, see *poepigii*. ex Peru, cf. *Maxillaria poepigiana* Steud.1841. syn. *M. crocea*.

poeppigii: listed for famous German botanist, naturalist and author, Eduard Friedrich Poeppig (1798-1868). He collected extensively in the sth. American tropics, but didn't specialise with orchids. Most often partnered with friend, colleague and co-author, S.F.L. Endlicher (see listing at "E"). Descs. accr. to them are abbr. to: Poepp. & Endl. ex Panama, cf. *Calanthe poeppigii* Rchb.f.

Pogochilus: Falc. 1842: ref. *pogon*: beard + lip. syn. *Galeola* Lour.

Pogoina: Griff. ex B. Grant 1895: bearded; beard-like, see *Pogonia*. syn. = *Pogonia*.

pogonantherum: beard + flower. At first I thought: beard + anther, but in the description there's no mention of any kind of "beard" to the anther area and it refs. to the hairy labellum mid-lobe. cf. *Dendrobium pogonantherum*.

pogonata: beard + like, having; bearded. cf. *Chloraea pogonata*. syn. *Chloraea cristata*.

Pogonia: Juss. 1789: ref. *pogonias*: bearded. Not "bearded" with hairs, refs. to the crowded rows of fine fleshy projections of the lip. ex China, eg. *Pogonia parvula*.

pogoniates: bearded + suffix: feature. Ref. labellum mid-lobe. cf. *Dendrobium pogoniates*.

Pogoniinae: *Pogonia* + suffix denotes it's a subtribe.

pogonioides: beard + resembling, or resembles *Pogonia* (?). cf. *Pleione pogonioides*. syn. *Pleione bulbocodioides*.

pogonion: lit., small beard. cf. *Andinia pogonion*.

Pogoniopsis: Rchb.f. 1881: bearded + appearance, or has the appearance of *Pogonia* (?). ex Brazil, eg. *Pogoniopsis nidus-avis*.

pogonochilum: beard + lip. cf. *Epidendrum pogonochilum*.

pogonorrhyncha: beard + snout; beak. cf. *Rhomboda pogonorrhyncha*. syn. *R. abbreviata*.

pogonostalis: beard + stake (: column). cf. *Stellilabium pogonostalis*.

pohlana: as *pohlium*. ex Brazil, cf. *Oncidium pohliana* Cogn. 1906. syn. *Trichocentrum pohlium*.

pohlium: belonging to Pohl. For botanist and author, Johann Baptist Emanuel Pohl (1782-1834). ex Brazil, cf. *Trichocentrum pohlium* (Cogn.) M.W. Chase & N.H. Williams 2001. + See next entry.

pohlium: belonging to Pohl. Listed for phytologist and author, Richard Walter Pohl (b1916). ex Brazil, cf. *Catasetum x pohlium* P. Castro & Campacci 1993.

poicillantha: variegated; mottled + flower. cf. *Dichaea poicillantha*.

poicilotheca: variegated; mottled + see *theca*: container; case. cf. *Maxillaria poicilotheca*.

poiformis: ref. *poa*: grass + shape; form. cf. *Elleanthus poiformis*.

poikilantha: variegated; mottled + flower. cf. *Disa poikilantha*. syn. *D. montana*.

poikilostalis: ref. *poikilos*: variegated; mottled + stake (: column). cf. *Sigmatostalis poikilostalis*. syn. *S. guatemalensis*.

poilanei: listed for orig. coll., botanist M. Poilane (+ of). ex Annam, Vietnam, cf. *Bulbophyllum poilanei* Gagnep. 1930.

poiretiana: for botanist and author, Jean Louis Marie Poiret [+ belonging to] (1755-1834). Descs. accr. to him are abbr. to: Poir. ex westn. Europe to n. west Africa, cf. *Orchis elata* var. *poiretiana* Maire & Weiller. syn. *Dactylorhiza elata*.

poissoniana: belonging to Poisson. Listed for French botanist, Louis Henri Poisson. ex Brazil to Argentina, cf. *Habenaria poissoniana* Cogn.1907. syn. *H. regnellii* Cogn.1893.

poissonianum: as *poissoniana*. ex New Caledonia, cf. *Dendrobium poissonianum* Schltr.1906.

pokapindjangense: for place name (+ from), only listed as ex Peninsula Thailand to west and central Malesia. cf. *Bulbophyllum pokapindjangense* J.J.Sm.1933. syn. *B. mutabile*.

polita: see *politus*. cf. *Appendicula polita*.

politilabia: see *politus* + lip. cf. *Lepanthes politilabia*.

politisii: listed for Prof.Politis of the Univ. of Athens, Greece. ex s.east Europe to Turkey, cf. *Serapias politisii* Renz 1928.

politum: as *politus*. cf. *Cypripedium* x *politum* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

politus: descwd.: polished, smooth, etc. + Can be (fig.): cultured; refined; urbane (as, suave).

poll.: seen in older descriptions, an abbreviation, see *pollicaris*.

Pollardia: Withner & P.A.Harding 2004: of Pollard, see *pollardiana*. syn. *Prosthechea*.

pollardiana: belonging to Pollard. Listed for Glenn E.Pollard (1901-1976), author, phytologist, and authority. Co-author with R.Dressler (see *Dresslerella*) of "The Genus *Encyclia* in Mexico". cf. *Encyclia pollardiana* (Withner) Dressler & G.E.Pollard 1971.

pollardianum: as *pollardiana*. cf. *Epidendrum pollardianum* Withner. syn. *Encyclia pollardiana*.

pollardii: as *pollardiana*. ex Mexico, cf. *Epidendrum pollardii* Hágsater 1993.

pollen: listed as adapted ex *pollis*, *pollinis*: fine flour; dust. Mostly associated with other flora and like a very fine dust, containing the male reproductive cells. Some orchid species do have pollen, eg. *Neuwiedia* (of *Apostasioideae*). With most other orchids, pollen grains are compacted into a small mass called a polyad and then many of these are in a larger lump called a pollinium. See these entries.

pollettianum: listed for noted grower H.M.Pollett (+ belonging to) of South Kensington, Eng. cf. *Odontoglossum* x *pollettianum* O'Brien 1885. syn. *O. x andersonianum*.

pollex: thumb. + See *pollicaris*. cf. *Lepanthes pollex*. syn. *L. pteropogon*.

pollicaris: a lot of reading to find this one. Often seen in older books and usually abbreviated to *poll*. An old unit of measurement, ex *pollicares*: from the central thumb joint to the tip, taken as 25mms.(1") long. Ref. *pollex*, *pollicis*: thumb (+ can also be: the big toe) + see *-are*: of, etc. eg. Noted from a Latin description: "...caulis, 6 poll." = stem, 6" (15cms.) long, or high.

polliculosum: ref. *pollis*: fine flour, dust + dimin.+ suffix, see *-osa*: full of, etc. Ref. the tuberculate surface of the joined lateral sepals, having a myriad of minute wart-like projections and appearing to be "dusty". cf. *Bulbophyllum polliculosum*.

pollinarium + *pollinaria* (: plural): as many species have more than one. (Of interest, + see *hemipollinarium*). Listed as a general term for the male reproductive organs and parts involved at the apex of the column, or anther area (+ see *androecium*).

Usually refs. to those parts that are normally transported as a unit from flower to flower, viz.: pollinium, or pollinia (with, or without caudicle), stipe, or stipites and viscidium, or viscidia. Some refs. say the entire anther components: the pollinarium, ie. they include the rostellum, clinandrium and anther-cap (operculum). Technically this may be correct, whilst intact and still attached to the plant, but these parts remain when a pollinarium is removed. Most orchid species have 2 to 8 pollinaria (often in one to four pairs) and are closely examined during classification (phytography, or botanical taxonomy). I noted a species where the specep. translates as: three + pollen + see *-ica*, cf. *Centroglossa tripollinica*. I haven't read a description on this one and wonder, does it really only have three pollinaria, or is it three pairs (?). See separate listings for the parts included in this explanation.

pollination: the act of a pollinarium, or pollinaria being transferred from one flower to the stigma of another, resulting in fertilization of the receptor.

pollinator: the carrier of the pollinarium; the one who commits the act of pollination. Mostly some kind of insect, but noted there are some orchids also pollinated by birds, etc.

pollinensis: from Monte Pollino, or ref. the Pollino N.Park, sthn. Italy. cf. *Epipactis pollinensis* B.& H.Baumann 2000.

pollinia: listed as adapted ex *pollinis*: fine flour; dust. The word is plural and the single: pollinium, is not used often, as there is always more than one. With most orchids, dust-like grains of pollen are formed into a mass (see polyad), bunched and held together by microscopic threads, or an adhesive substance into a relatively large lump (the pollinium) and transported as a unit (usually with other parts, see pollinarium). The shape, texture, size, colour and number can be a major factor in phytography, or botanical taxonomy.

polliniana: belonging to Pollini. Listed for botanist S.G.Pollini (fl. c1811). ex the Mediterranean area, cf. *Orchis polliniana* Spreng.1815. syn. *Anacamptis coriophora* ssp. *fragrans*.

Pollinirhiza: Dulac 1867: ref. *pollinis*: fine flour; dust + roots. The roots appear to be dusty (probably with very fine hairs, or papillae). syn. *Listera* R.Br.

polluciferum: a contraction of *pollucibilis*: wealthy; rich; lavish, etc. Can also be for many superlatives as, magnificent, etc.+ bearing. cf. *Dendrochilum polluciferum*.

pollux: can't define this and my only ref is to Castor and Polydeuces (aka., **Pollux**), of Gk. and Roman myth. (aka., the Dioscuri [: sons of Zeus]; Gemini; The Twins). The specep. may simply be for "beauty", as (mostly) all of the "gods" are depicted as very beautiful. It's also possible it may have resembled *Masdevallia castor* (see "C"), as both of these are ex Peru and by the same authors (one complimenting the other?). cf. *Masdevallia pollux* Luer & Cloes 2002.

poly-: used in compwds., ref. *polys*: many; numerous, etc. + Can be an emphasis: much-.

polyad: look closely at a pollinium* (a decent magnifying glass helps) and you'll see it's composed of many small granules. Each of these is a polyad and they each contain many individual grains of pollen. *See pollinia.

polyaden: many + gland, see *aden*. cf. *Stigmatosema polyaden*.
polyadenia: many + (of) glands. cf. *Platylepis polyadenia*.
polyadenium: many + glanded. cf. *Oncidium polyadenium*.
polyantha: many + flowers. cf. *Phreatia polyantha*.
Polyanthae: (those) with many flowers.=*Masdevallia* subsection.
polyanthemus: many + see *-anthemum*: flower(s). cf. *Aeranthes polyanthemus*.
polyanthogastrium: see *poly-*+ see *anther* +*-gastrium*: of the belly (+ see *gastr-*). ex Ecuador, cf. *Epidendrum polyanthogastrium* Hágsater & Dodson 1999.
polyanthum: many + flowers. ex Mexico to Brazil, cf. *Epidendrum polyanthum*.
polyanthus: many + flowers. cf. *Mesadenus polyanthus*.
polyarachne: many + spiders. Alluding to the flowers of the inflo. cf. *Bulbophyllum polyarachne*. syn. *Bulbophyllum odoratum*.
Polybactrum: Salisb.1814: many + ref. *baktron*: rod; cane; staff; stick. syn. *Pseudorchis*.
polyblephara: many + eyelashes. cf. *Cranichis polyblephara*. syn. *C. ciliata* (see *ciliate*: like, or having eyelashes, etc.).
polyblepharon: many + eyelashes. Ref. ciliate margins of the floral segments. cf. *Bulbophyllum polyblepharon*.
Polyblepharon: see *polyblepharon*.= *Bulbophyllum* section.
polybotrya: many + see *botry-*: bunch(-es).cf. *Stelis polybotrya*.
polybulbon: many + bulb(s), or much-bulbed (?). cf. *Maxillaria polybulbon*.
polycarpa: many + fruit (capsules). cf. *Habenaria polycarpa*.
polycarpica: many + fruit + see *-ica*: having, or for the action, etc. cf. *Stelis polycarpica*.
polycarpum: as *polycarpa*. cf. *Dendrobium polycarpum*. syn. *Dendrobium mirbelianum*.
Pers.coll., see sketch and notes at "M".
Polychaetae: (those) with many bristles.= *Polystachya* section.
polychaete: many + bristle(s). Ref. leaf margins. cf. *Glomera polychaete*.
Polychilos: Breda, Kuhl & Hasselt 1827: many + lip. The labellum has lobes and appendages and appears to have multiple lips. syn. *Phalaenopsis* Blume.
Polychilos: as last entry.= *Phalaenopsis* section.
Polychilus: Breda, Kuhl & Hasselt: see *Polychilos*. syn. *Phalaenopsis* Blume.
polychista: was listed as such, but may be an error (?), see *polyschista*. cf. *Tridactyle polychista*. syn. *T. bicaudata*.
polychlamys: see *poly-*+ see *chlamys*: cape; cloak, etc. cf. *Epidendrum polychlamys*.
Polychondrae: many + see *chondr-*: sinew, etc.+ suffix denotes it's a tribe.
polychroma: many colour(s), or much-coloured (?). cf. *Thelymitra polychroma*. Noted as endemic to Tas., Aust.
polychromatic: of many colours. Often seen in discussions where flower colours are variable.
polychromum: as *polychroma*. cf. *Calonema polychromum*. syn. *Caladenia polychroma*. Noted as endemic to West.Aust.
polyclada: many + see *clad-*: shoot, etc. cf. *Stelis polyclada*. syn. *S. pusilla*.
polycladium: see *poly-*+ see *clad-*+ dimin., or: of many + small shoot; branch, etc. Ref. the many branching stems. cf. *Dendrobium polycladium*.

polyclamys: many + see *chlamys*: a cape; cloak; covering, etc. cf. *Habenaria polyclamys*. syn. *Bonatea stereophylla*.

polycyclum: many + circled. Ref. the flowers, encircling the rachis in well spaced whorls. cf. *Bulbophyllum polycyclum*.

Polycynis: Rchb.f.1855: many + swan(s). Ref. flower appearance and with a prominent arching column, is a fanciful allusion to a swan. ex Costa Rica, eg. *Polycynis gratioa*.

polydactyla: many + finger(s). cf. *Diaphananthe polydactyla*. syn. *Rhipidoglossum polydactylum*.

polydactylon: many + finger(s). cf. *Catasetum polydactylon*. syn. *C. barbatum*.

polydactylum: many + finger(s). cf. *Rhipidoglossum polydactylum*.

polyembryonic: having more than one embryo. eg., polyembryonic seed.

polygaliflorum: see *poly-*+ ref. *galea*: helmet; hood + flower. cf. *Bulbophyllum polygaliflorum*.

polygonata: as *polygonatus*. cf. *Amphiglottis polygonata*. syn. *Epidendrum polygonatum*.

polygonatum: as *polygonatus*. cf. *Epidendrum polygonatum*.

polygonatus: see *poly-*+ ref. *gonia*: angle; corner + like; having: like, or having many angles. cf. *Physurus polygonatus*.

polygonoides: many + ref. *gony*: knee + resembling. Or, could be likened to *Polygonum*: a large genus of mainly herbaceous weeds (family: *Polygonaceae*). Both apply, for the slightly swollen, knobby nodes of the stems. I compared line-drawings of a *Polygonum* with this species and even I can see some likeness. cf. *Rhomboda polygonoides*.

polylepis: many + scale(s). ex Africa, cf. *Vanilla polylepis*.

polyliria: many + ref. *leirion*: lily. cf. *Pleurothallis polyliria*. syn. *P. gelida*.

polymerus: many + parts. cf. *Telipogon polymerus*.

polymorpha: see *poly-*+ shape. cf. *Diuris* x *polymorpha* Messmer 1944, ex Mt. Victoria, NSW., Aust. A reported natcross of *Diuris lanceolata* x *D. platichila*.

polymorphic: of many shapes, or forms, eg., a polymorphic genus: one which has variable plants and flowers.

polyneuros: many + nerves (veins). cf. *Telipogon polyneuros*.

polynomial: (: of many names). Of, or relative to a name (or, specep. etc.) coined from two, or more other names. eg. *Brassolaeliocattleya* is a polynomial and is from *Laelia* x *Brassavola* x *Cattleya*.

polyodon: many + teeth. Ref. the labellum. cf. *Malaxis polyodon*.

polyodontum: many + teeth (toothed?). cf. *Oncidium polyodontum*.

Polyotidium: Garay 1958: *poly-*+ *otos* + dimin.: many + ears + small. Ref. column projections. eg. *Polyotidium huebneri*. Noted as monotypic in nthn. Brazil.

polypetala: see *polypetalum*. cf. *Maxillaria polypetala*. syn. *M. platypetala*.

polypetalum: the description notes the petals as, *latissimus*: very broad, or wide. So, here, *poly-* is an emphasis and can be interpreted as: much-petalled. Or, the *-petalum*, see *-petalo-*: broad; wide, which then makes the specep.: very + wide, or broad. cf.

Dendrobium polypetalum. syn. *Maxillaria platypetala* (which can mean: broadenend; widened, or broad + petals).

polyphemus: may be a fanciful specep. to compliment the genus. Ref. Gk.myth.: *Polyphemos* (Polyphemus), a horrible Cyclops whom Odysseus defeated by blinding it. cf. *Dracula polyphemus* (Luer) Luer 1978.

polyphila: many + loves. Probably for their gregarious, crowded habit. ex Aust. and NZ., cf. *Pterostylis polyphila*. syn. *Pterostylis plumosa*.

polyphlebium: many, or much veined. cf. *Dendrobium polyphlebium*. syn. *D. parishii*.

x *Polyphylax*: W.Fennell & J.M.H.Shaw. On the syn. list, cf. *Dendrophylax* x ***Polyradicion*** (but, *Polyradicion* is listed as: syn. to *Dendrophylax*?).

polyphylla: many + leaves. cf. *Appendicula polyphylla*.

polyphyllum: many + leaves. Has only one leaf at the pseudobulb, but noted it refs. to the many bracts of the peduncle. cf. *Bulbophyllum polyphyllum*.

polypodantha: see *poly*-+ foot + flower(s?). cf. *Bonatea polypodantha*.

polypodioides: see *poly*-+ foot + resembling. cf. *Bulbophyllum polypodioides*.

polypodium: many + small foot. cf. *Brachionidium polypodium*.

Polyradicion: Garay 1969: many + small root(s). syn. *Dendrophylax* Rchb.f.

polyrhiza: many + roots. cf. *Habenaria polyrhiza*. syn. *H. repens*.

Polyrhiza: Pfitzer 1895: many + roots. Deserved a much grander name, has very beautiful flowers on a plant much like a *Taeniophyllum*.

Polyrhopalon: many + club(s). Ref. the paleae.= *Bulbophyllum* section.

Polyrrhiza: Pfitzer 1889: many + roots. syn. *Dendrophylax* Rchb.f.

polyrrhizum: many + root, or rhizome (?). Should be the latter, for the plant's very obvious rhizomatous branching habit. cf. *Bulbophyllum polyrrhizum*.

polyrrhizus: many + see *rhiza*, rhizome. cf. *Telipogon polyrrhizus*.

polyschista: many + ref. *schistos*: cleft; division. cf. *Habenaria polyschista*.

polyschistum: as *polyschista*. cf. *Dendrobium polyschistum*.

polysema: many + sign(s). Flower has many internal spots and blotches, cf. *Dendrobium polysema*. syn. *D. macrophyllum*. Pers.coll. ex PM.PNG.

polysphaera: many + balls; spheres. cf. *Prescottia polysphaera*. syn. *P. oligantha*.

Polystachya: Hook 1824, nom.cons.: many + see *stachy*:- spike (racemes). Of interest, they have a very wide distribution and are listed to be from tropical west Africa, China, SE.Asia through to Mexico and the tropical Americas, inc. the West Indies. eg. *Polystachya cultriformis* is from west Africa across to the Seychelles and one from s.east Brazil, cf. *Polystachya abbreviata*.

polystachya: many + spike(s). cf. *Appendicula polystachya*.

Polystachyae: (those) with many spikes.= *Polystachya* section.

Polystachyae: *Polystachya* + suffix denotes it's a tribe.

Polystachyinae: *Polystachya* + suffix denotes it's a subtribe.

polystachyoides: many + spikes + resembling, *Polystachya* + resembling, or may have been likened to *Epidendrum polystachyum* (?). cf. *Epidendrum polystachyoides*.

polystachyon: many + spike(s). cf. *Dendrobium polystachyon*. syn. *Polystachya luteola*.

polystachys: many + spike(s). cf. *Oeoniella polystachys*.

polystachyum: many + spike(s). cf. *Angraecum polystachyum*. syn. *Oeoniella polystachys*.

polystachyus: many + spike(s). cf. *Podochilus polystachyus*. syn. *Appendicula polystachya*.

polysticha: many + ref. *stichos*: line; row. cf. *Pleurothallis polysticha*.

polystichum: as *polysticha*. cf. *Dendrobium polystichum*.

polysticta: many + ref. *stiktos*: dot; small spot. cf. *Masdevallia polysticta*.

polystictum: as *polysticta*. Ref. dots on exterior of flower. cf. *Dendrobium finisterrae* var. *polystictum*.

polystigmaticum: many, or much + dotted + for the action, or of. cf. *Cypripedium* x *polystigmaticum* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

Polystylus: Hasselt ex Hassk.1855: many + see style (; column). The lip has many structures giving it the appearance of having many columns. eg. *Polystylus cornucervi*. syn. *Phalaenopsis cornucervi*.

Polytoma: Lour.ex Gomes Mach.1868: many + ref. a contraction of *tomikos*: of cutting. Ref. labellum crest, cut by transverse keels. syn. *Bletilla* Rchb.f.

polytricha: many, or much + hair. cf. *Habenaria polytricha*.

polytrichia: as *polytricha*. cf. *Habenaria polytrichia*. syn. *H. pantlingia*.

polytrichoides: many, or much + hair + resembling. cf. *Podochilus polytrichoides*.

polytrichum: many + ref. *trichos*: hair. Ref. the labellum. cf. *Dendrobium polytrichum*.

polytrichus: many hairs, or much hair. cf. *Lyperanthus polytrichus*. syn. *Calochilus neocaledonicus*.

polyura: see *poly-*+ ref. *oura*, *-ura*: tail. cf. *Eria polyura*.

Polyura: as *polyura*. = *Eria* section.

polyxanthum: *poly-*, here is an emphasis: much (very)+ see *xanth-*: yellowy, etc. cf. *Odontoglossum polyxanthum*.

x *Pomacentrum*: auct. On the syn. list, cf. *Ascocentrum* x *Pomatocalpa*.

pomacochense: from Pomacocha village, Apurímac Department (admin. division), Peru. cf. *Epidendrum pomacochense* Hágsater 1999.

x *Pomatisia*: auct. On the syn. list, cf. *Luisia* x *Pomatocalpa*.

Pomatocalpa: Breda, Kuhl & Hasselt 1827: ref. *pomation*: small lid; cover + ref. *kalpes*: pitcher; urn; vessel. Ref. the lip. eg. *Pomatocalpa marsupiale*. Pers.coll., very common ex PM.PNG. and only a "botanical". The plant is reasonably good-looking, but it has very unattractive, pathetic flowers.

x *Pomatochilus*: auct. On the syn. list, cf. *Pomatocalpa* x *Sarcochilus*.

pomatophilum: have no idea of the reasoning for this specep. Ref. *pomation*: operculum; small lid; cover + see *-phila*: loves, etc. cf. *Durabaculum pomatophilum*. syn.

Dendrobium nindii. Pers.coll., see sketch and notes at "N".

pomecense: for place name (+ from), only listed as ex Colombia. cf. *Epidendrum pomecense* Hágsater 1999.

pomology: ref. *pomum*: a general word for many kinds of fruit + *logos*: discourse. A branch of botany: the scientific study of fruit. + Ref. *pomologist*: a botanist specialising in pomology. Trivium, orig. ref. *Pomona*: Roman goddess of fruiting trees, shrubs, etc.

pompalis: display; parade + see *-ale*: of, etc. cf. *Pleurothallis pompalis*.

ponapense: for place name: from the island of Pohnpei (aka **Ponape**), Caroline Islands. cf. *Dendrobium ponapense* Schltr.1921.

ponapensis: as *ponapense*. cf. *Corybas ponapensis* (Hosok.& Fukuy.) Hosok.& Fukuy.1937.

poner-, *ponero-*: used in combwds., ref. *poneros*: worthless; useless; poor; bad, etc.

Ponera: Lindley 1831: see *poner-*. ex Mexico, eg. *Ponera graminifolia*.

ponerantha: see *poner-*+ flower(s). Obviously more was expected of it, as they're small, but certainly not worthless. cf. *Maxillaria ponerantha*.

poneranthum: see *poner-*+ flower. cf. *Epipogium poneranthum*.

Ponerinae: *Ponera* + suffix denotes it's a subtribe.

poneroides: *Ponera* + resembling. cf. *Dendrobium poneroides*.

Ponerorchis: Rchb.f.1852: see *poner-*: poor, etc.+ orchid. A shame, he should have seen *Ponerorchis taiwanensis* (one to fall in love with!).

ponerostachys: see *poner-*+ spike. cf. *Habenaria ponerostachys*.

ponggolensis: for place name (+ from), listed as ex nth. Borneo. cf. *Ania ponggolensis* A.L.Lamb ex H.Turner 1992.

Pongonia: Griff. ex B.Grant, see *Pogonia*. syn. *Pogonia*.

pongratziana: as *pongratzianum*. cf. *Cohniella pongratziana* (Königer) Königer 2000. syn. *Trichocentrum pongratzianum*.

pongratzianum: belonging to Pongratz. Listed for phytologist, D.Pongratz. ex Peru, cf. *Trichocentrum pongratzianum* (Königer) M.W.Chase & N.H.Williams 2001.

pontagrossensis: from Ponta Grossa. Listed as, from Mexico to nthn. Argentina and the most likely seems to be Ponta Grossa city, Paraná state, Brazil. cf. *Habenaria pontagrossensis* Kraenzl.1911. syn. *H. bractescens*.

Ponthieva: R.Br.1813. Listed as Lat'd. surname of Henri de Ponthieu, a West Indies merchant. ex the Caribbean region., eg. *Ponthieva pauciflora*.

pontica: listed as Lat'd. spelling for place name: belonging to *Pontus*: an ancient region of Asia Minor, on the sthn. shore of the Black Sea and includes nthn. Turkey and sthn. Russia (+ Ref. *Pontos*: the Black Sea.). ex Turkey, cf. *Epipactis pontica* Taubenheim 1975.

ponticum: as *pontica*. cf. *Dactyloglossum ponticum* Kohlmüller 1999. syn. *Dactylorhiza x pontica* (Kohlmüller) P.Delforge 2000.

poophyllum: this could be an error for *poaphyllum* (?). However, ref. *poa*: grass + leaf, as other synonyms also say it has a grass-like leaf. ex Madagascar, cf. *Angraecum poophyllum* Summerh.1953. syn. *A. pauciramosum*.

popayanense: as *popayanensis*. ex Colombia, cf. *Bulbophyllum popayanense* Kraenzl.1899.

popayanensis: from Popayán city, Cauca Department, s.west Colombia. cf. *Pleurothallis popayanensis* F.Lehm.& Kraenzl.1899.

popowiana: belonging to Popov. Lat'd. spelling for the surname of botanist and author, Mikhail Grigorévich Popov (1893-1955). ex Ecuador, cf. *Cischweinfia popowiana* Königer 1997.

popowianum: as *popowiana*. ex Ecuador, cf. *Trichocentrum popowianum* Königer 1996.

popowii: of Popov, see *popowiana*. ex Madagascar, cf. *Angraecum popowii* Braem.

population: a relatively large group of the one species, living closely together. I was saying, "I found a large colony ..." and was corrected by a (much) "more learned colleague" who assures me the correct word is "population". + See colony: different species living closely together. (The wonderful nuances of this language, even with English words!)

populetorum: possibly: ref. *populus*: people; nation, etc. + *-etorum*: habitat; place of growth. Also ref. *populus*: aspen (tree), or *populeus*: of (a) poplar (tree) + suffix. Perhaps it's found underneath, or in the near vicinity of these trees (?). ex Spain, cf. *Epipactis* x *populetorum* Benito & C.E.Hermos.1998.

porcellicepts: ref. *porcus*: pig + dimin. + see *ceps*: (a) small pig + small head. cf. *Masdevallia porcellicepts*. syn. *Masdevallia macroglossa*.

poriferum: ref. *poros*: pore; hole; opening + bearing. cf. *Catasetum poriferum*.

porcellipes: small pig + foot. Possibly a fanciful allusion to a flower shape. cf. *Masdevallia porcellipes*. syn. *Masdevallia civilis*.

porcula: small hog; pig. cf. *Lepanthes porcula*.

Porolabium: T.Tang & F.T.Wang 1940: ref. *poros*: pore; hole; opening + lip. Has two minute cavities near the base of the lip. eg. *Porolabium biporosum* (: with two small pores). Noted as monotypic and endemic to China.

Porpax: Lindley 1845: ref. *porpax*: handle of a shield. Alluding to the pair of small leaves at the pseudobulb (which could also look shield-shaped). ex India, Thai. and Laos, eg. *Porpax reticulata*.

Porpax: as last entry. = *Eria* section (now, obsolete?).

porpax: handle of a shield. cf. *Epidendrum porpax*. syn. *E. neoporpax*.

porphy-, *porphyro-*: used in compwds., ref. *porphyra*: purple. + See *porphyreus*.

porphyra: purple. cf. *Calcearia porphyra*. syn. *Corybas porphyrus*.

x *Porphyrachnis*: Garay & H.R.Sweet. On the syn. list, cf. *Arachnis* x ***Porphyrodesme***.

x *Porphyranda*: Garay & H.R.Sweet. On the syn. list, cf. ***Porphyrodesme*** x *Vanda*.

x *Porphyrandachnis*: Garay & H.R.Sweet. On the syn. list, cf. *Arachnis* x ***Porphyrodesme*** x *Vanda*.

porphyrantha: purple + flower. cf. *Pleurothallis porphyrantha*. syn. *P. pubescens*.

x *Porphyranthera*: Garay & H.R.Sweet. On the syn. list, cf. ***Porphyrodesme*** x *Renanthera*.

porphyranthes: purple + flower. cf. *Oreorchis porphyranthes*.

porphyrea: see *porphyreus*. Ref. the purple tinge to the leaf. cf. *Lepanthes porphyrea*. syn. *L. agglutinata*.

porphyreum: see *porphyreus*. cf. *Epidendrum porphyreum*.

porphyreus: a colour term: a general term for purple: a darker bluish red-brown. + See *purpureus*.

porphyreus: as last entry. cf. *Petalochilus porphyreus*. syn. *Caladenia porphyrea*.

porphyrichila: purple + lip. cf. *Oberonia porphyrichila*. syn. *O. lunata*.

porphyricola: purple + resident; dweller. cf. *Habenaria porphyricola*.

porphyrio: a word for a kind of waterfowl, like a coot (: a gallinule, see "G"). + Can also, simply be: "purple". cf. *Trichocentrum porphyrio*.

porphyritis: purple + state; condition (: being). cf. x *Sophrocattleya porphyritis*.

porphyrocephalus: purple + head. cf. *Elleanthus porphyrocephalus*.
porphyrocharis: purple + see -charis: grace; pleasure, etc. cf. *Sobralia porphyrocharis*. syn. *Sobralia ciliata*.
porphyrochila: purple + lip. cf. *Callista porphyrochila*. syn. *Dendrobium porphyrochilum*.
porphyrochilum: purple + lip. cf. *Dendrobium porphyrochilum*.
Porphyrodesme: Schltr.1913: purple + bundle (exactly!, but to me, the flowers seem more reddish, than purple). eg. *Porphyrodesme papuana*. Pers.coll., ex PM.PNG.
porphyrodesme : purple + bundle. cf. *Saccolabium porphyrodesme*. syn. *Porphyrodesme papuana* Schltr. Of interest, see *Papuaea*.
porphyrogastrum: purple + belly. cf. *Dendrobium* x *porphyrogastrum* J.H.Veitch 1888.
 Listed among the synonyms, with no further info.
porphyroglossa: purple + tongue. cf. *Cattleya porphyroglossa*.
porphyroglossum: purple + tongue. cf. *Epidendrum porphyroglossum*. syn. *Cattleya porphyroglossa*.
porphyroglossus: purple + tongue. cf. *Lissochilus porphyroglossus*. syn. *Eulophia horsfallii*.
Porphyroglottis: Ridl.1896: purple + see -glotta: tongue, or throat (?). ex Malaya, Borneo, Sumatra, eg. *Porphyroglottis maxwelliae*. Noted as monotypic.
porphyroid rock: was in a discussion of habitat: purple-like rock? (well.... almost). Had to check to satisfy my curiosity. In geology, it's known as Porphyry: a hard, dark red, or purplish igneous rock, containing scattered small crystals of feldspar (a bit like granite). More info., read up on petrology: study of rocks.
porphyrophlebia: purple + see -phlebia: of veins. cf. *Mormodes porphyrophlebia*.
porphyrophylla: purple + leaf. cf. *Nerolia porphyrophylla*.
porphyrophyllum: purple + leaf. cf. *Epidendrum porphyrophyllum*. syn. *E. peperomia*.
Porphyrostachys: Rchb.f.1854: purple + spike (raceme?). ex Ecuador to Peru, eg. *Porphyrostachys pilifera*.
porphyrostachys: purple + spike. cf. *Bulbophyllum porphyrostachys*.
porphyrostele: purple + see stele: pillar (: column). cf. *Maxillaria porphyrostele*.
porphyrosticta: purple + ref. stictos: dot; dotted. cf. *Thelymitra porphyrosticta*. syn. *Thelymitra variegata*. Noted as endemic to West.Aust.
porphyrospilum: purple + ref. spilos: stain; small blotch, etc. cf. *Cypripedium* x *porphyrospilum* B.S.Williams. Listed as syn. to *Cypripedium* x *pyncnopterum*, but this is also noted as a *Paphiopedilum* hybrid, without the "correct name".
porphyrotriche: purple + ref. trichos: hair. Not really hairs, ref. the paleae at the petals. cf. *Bulbophyllum porphyrotriche*.
porphyrus: purple, see *porphyreus*. cf. *Corybas porphyrus*.
porquerense: from Porquera village, Nariño Department, s.west Colombia. cf. *Epidendrum porquerense* F.Lehm.& Kraenzl.1899.
porracea: see *porraceus*. cf. *Lepanthes porracea*.
porraceus: a vague colour term: leek-green (as the vegetable: a leek, family: *Amaryllidaceae*).

porrect: ref. *porrectus*: extended (outwards); thrusting forward; held out (as if offering); stretched (out). Pushed out; projecting; stretching out (almost) horizontally; directed forward and slightly downward.

porrecta: see **porrect**. cf. *Harrisella porrecta*. syn. *Campylocentrum porrectum*.

porrectum: see **porrect**. cf. *Campylocentrum porrectum*.

porrectus: see **porrect**. cf. *Otochilus porrectus*.

porrifolia: *porri*-, see *porraceus* + leaf. The leaf is leek-green, or ref. *porrigere*: to stretch (out), etc.(?, see **porrect**). Noted, in Aust. some of this genus have the common name: "onion orchid" (for the leaf). So it's probably for the colour, "leek-green", as a leek has many more than one leaf. cf. *Microtis porrifolia*. syn. *M. unifolia* (: one leaf).

porrifolium: see *porrifolia*, **porrect**, *porraceus* + leaf. cf. *Ibidium porrifolium*. syn. *Spiranthes porrifolia*.

porrigens: ex *porrigere*: to stretch (out), etc.: stretching; extending, see **porrect**. Refs. to the lip (?). cf. *Jumellea porrigens*.

Porroglossum: Schltr.1920: see **porrect** + tongue. ex Colombia, eg. *Porroglossum mordax*.

Porrhachis: Garay 1972: see **porrect** + see *rachis*: flower stem part. ex Sulawesi, eg. *Porrhachis macrosepala*.

x *Porrovallia*: auct. On the syn. list, cf. *Masdevallia* x *Porroglossum*.

porschiana: belonging to Porsch. Listed for botanist, Otto Porsch (1875-1959). ex Brazil, cf. *Stelis porschiana* Schltr.

porschii: of Porsch, see *porschiana*. ex Brazil to Argentina, cf. *Barbosella porschii* (Kraenzl.) Schltr.1918. syn. *B. cogniauxiana*.

portatus: descwd.. I wanted to say: like, or having a gate, or door. Is listed as ref. *portare*: to bear; carry + suffix: borne; carried, etc.

porteana: listed for noted grower M.Porté (+ belonging to), a French merchant of Manila, Philipp.c1861. cf. *Phalaenopsis hieroglyphica* var.*porteana* Burb. Took this info. from a book, but there isn't any official listing.

portellianum: may be for a person's name (+ belonging to). From the given location, also noted Portella (: Portela), a town of Rio de Janeiro state, Brazil (?). cf. *Epistephium portellianum* Barb.Rodr.1877.

portentosa: ref. *portentosus*: unnatural; very strange, etc. cf. *Gongora portentosa*.

x *Porterara*: auct.: of Porter (no further info.) and may ref. to either of the next two entries, or, an entirely different person (?). On the syn. list, as the result of *Rhynchostylis* x *Sarcochilus* x *Vanda*.

porteri: listed for botanist and author, Duncan MacNair Porter (b1937). ex Laos, cf. *Eria porteri* Seidenf.& A.D.Kerr 1982. + See next entry.

porteri: listed for botanist and author, Thomas Conrad Porter (1822-1901). ex the Philipp., cf. *Phalaenopsis* x *porteri* (Rchb.f.) Denning 1876. syn. *P. x intermedia*.

portillae: could be for place name: La Portilla (+ of), a village of Guayas, Ecuador. Or, ref. phytologist and author, J.Portilla (?). ex Ecuador, cf. *Barbosella portillae* Luer.

Portillia: Königer 1996: of Portilla, see *portillae*. syn. *Masdevallia* Ruiz & Pav.

portoricense: from Puerto Rico (?). This species is listed as ex Cuba, Jamaica and Puerto Rico. cf. *Epidendrum portoricense* Hágsater & Ackerman 1999. syn. *E. angustilobum*.

portus: my sources define this as: a haven; refuge; port. But it may be as *portatus*: carried etc.(?). cf. *Spathoglottis portus*.

portus-finschii: Lat'd. for place name: the port of **Finsch**hafen, eastn. tip of the Huon Peninsula, PNG. (the *-hafen* is ex German: port; harbour). cf. *Spathoglottis portus-finschii* Kraenzl.1889.

posadae: listed for Señora Ligia Posada. Ref. noted growers and authorities, L.& J.Posada, *Colomborquideas, El Retire*, Colombia. cf. *Masdevallia posadae* Luer & R.Escobar.

posadarum: see *posadae* (+ belonging to). ex Colombia, cf. *Oncidium posadarum* Königer 2000.

posidonia: listed as ref. the ancient coastal city of *Poseidonia*, now Paestum, Campania, s.west Italy. cf. *Ophrys posidonia* P.Delforge 2000. syn. *O. holoserica*.

post-: used in compwds.: after; later; behind; caused by, etc.

postea: as *posteum*. cf. *Caladenia postea*. Noted as endemic to West.Aust.

posterior: ref. *posterius*: later; behind, etc. At, or towards the back; the part(s) of an organ closest to the axis, or stem on which it grows.

posterior petal: not used very often: the lip, etc. See *labellum*.

posteum: see *post*-+*-eum*: of; like, etc. cf. *Calonema posteum*. syn. *Caladenia postea*.

posthon: lit., one who has a large penis. cf. *Lepanthes posthon*.

posticum: ref. *postice*: at the back. Ref. the small horn-like projections at the rear of the *labellum* (: at the back). + Ref. *posticus*: from behind. cf. *Bulbophyllum posticum*.

postulatus: demanded; claimed. Ref. *postulare*: to demand; request; claim. + Ref. Eng., *postulate*: to presume without factual basis, etc. cf. *Zygostates postulatus*.

potamophila: ref. *potamos*: river + loves. cf. *Agrostophyllum potamophila*. Probably, the first one found was close by a river. Pers.coll., very common ex PM.PNG. and never anywhere near a river. Another "botanical": a handsome plant with a small "head" of pathetic little flowers.

potamophilum: river + loves. cf. *Dendrobium potamophilum*. Pers.coll., common ex PM.PNG., again, found it in many areas without ever being near a river.

potamophilus: river + loves. cf. *Sarcanthus potamophilus*. syn. *Sarcoglyphis potamophila*.

potamophyllum: river + race; tribe; kind, etc.(likes to live near a river ?) cf. *Angraecum potamophyllum*.

potamophyllum: is listed as such and I was going to leave it out, thinking it to be an error. However, it means: river + leaf (?). cf. *Taeniophyllum potamophyllum* Schltr.1911. + See *potamophila*, *potamophyllum*.

pothoides: listed as ref. *Pothos*: a genus of the arum family (see arum and lily) + resembling. Also noted, ref. Gk.myth., *Pothos* (: "longing"), an attendant to Eros (Roman myth.: Cupid). cf. *Liparis pothoides* F.Lehm.& Kraenzl.1899. syn. *L. brachystalix*.

pottsianum: listed for noted grower, Arthur Potts (+ belonging to) of Chester, Eng. cf. *Catasetum pottsianum*. Took this info. from the book I was working on, but there isn't any official listing.

pottsiæ: was only listed for L.Potts (+ of, also note the suffix is feminine). Because this is a synonym there wasn't any further info. given. ex Mexico to the central Americas, cf. *Ornithocephalus pottsiæ* S.Watson 1887. syn. *O. inflexus*.

powellii: listed for orig.coll., botanist Dr.Powell (R.W., L.W., or C.M.?, different books, different initials). Noted as an author and authority on American trop. orchids. ex Panama, cf. *Lycaste powellii* Schltr.1922.

pozoi: of Pozo Cutuy (village) on Puna Island, Guayas Prov., Ecuador. cf. *Epidendrum pozoi* Hágsater & Dodson 1993.

pradhanianum: listed for B.N.Pradhan of Kalimpong, W.Bengal, India, first to flower it. cf. *Paphiopedilum fairrieianum* var.*pradhanianum* Hort. (syn. *P. fairrieianum*?).

pradhanii: listed for Rai Saheb Bhim B.Pradhan of Sikkim, India. cf. *Paphiopedilum* x *pradhanii* U.C.Pradhan. Reported as a natcross of *P. fairrieianum* x *P. venustum*.

prae-: used in combwds. Can be confusing, as can be the same as *pre-*: before, etc. + Can indicate an action, or something is happening, or has happened. Or can simply be an emphasis: very, etc. eg. See *praealta*.

praealta: had all sorts of strange ideas for this, but it's listed as the one word, ref. *praealtus*: very high. cf. *Vanda praealta*.

praealtum: see *praealta*. cf. *Bulbophyllum praealtum*. syn. *B. longiscapum*.

praealtus: very high. cf. *Sarcanthus praealtus*. syn. *Sarcanthopsis nagarensis*.

praecincta: as *praecinctum*. cf. *Callista praecincta*. syn. *Dendrobium praecinctum*.

praecinctum: my refs. say this is the same as *cinctum*: gird; surround (but, not completely surrounding) + the *prae-*: before; in front and so together: surrounding the front (of). cf. *Dendrobium praecinctum*.

praecipitis: has many meanings: hasty; rapid; precipitous; inclined (to); head-first; headlong; violent; dangerous. Also can be: edge of an abyss, precipice. cf. *Polystachya praecipitis*.

praecipua: ref. *precipuus*: special; considered apart from others; peculiar, etc. cf. *Pleurothallis praecipua*.

praeclara: see *prae-*+ ref. *clarus*: very clear. cf. *Platanthera praeclara*.

praecocissima: see *praecox* + emphasis: very, etc. cf. *Pterostylis praecocissima*. syn. *P. vittata*. Noted as endemic to sthn. Aust.

praecox: developing early, as bearing flowers very early (in the season). cf. *Caladenia praecox*. syn. *Caladenia dimorpha*. Noted as endemic to NSW., Aust.

Praecoxanthus: Hopper & A.P.Br.2000: see *praecox* + flower. eg. *Praecoxanthus aphyllus*. Noted as monotypic and endemic to West.Aust.

praegrandis : listed as the one word. One major ref. defines it as: very great; very large, cf. *Pleurothallis praegrandis*. syn. *P. colossus*.

praemorsa: see *premorse*: as if bitten off. Ref. the lip. cf. *Erythodes praemorsa*.

praemorsum: see *premorse*. cf. *Aerides praemorsum*. syn. *Rhynchostylis retusa*.

praemorsus: see *premorse*. cf. *Gastrochilus praemorsus*. syn. *Rhynchostylis retusa*.

praenitens: I said *prae*-+ shining, but noted it's ref. *praenitere*: lit., to appear more attractive. cf. *Odontoglossum praenitens*.

praesecta: ref. *praesectum*: to pare; trim; cut off. cf. *Stelis praesecta*. syn. *S. argentata*.

praestans: listed as the one word: pre-eminent; outstanding. + Can be for many other superlatives, eg. excellent, etc. cf. *Habenaria praestans*.

praeter (+ can be, *preter*): sometimes seen in descriptions: more than; past; beyond. + Used in compwds., which can become the one word. Some examples follow this entry.

praetermissa: ref. *praetermissum*: to overlook, neglect; omit, etc. cf. *Pterostylis praetermissa*. Noted as endemic to eastn. Aust.

praetermissum: as *praetermissa*. cf. *Dendrobium praetermissum*.

praetermissus: as *praetermissa*. cf. *Corybas praetermissus*.

praetertinctum: see *praeter* + ref. *tinctus*: paint; dye, etc. cf. *Cypripedium montanum* forma *praetertinctum*. syn. *Cypripedium montanum*.

praetervisum: see *praeter* + *visum*: looking ahead; surveying. Perhaps the plant and flowers had a good view of the area. cf. *Bulbophyllum praetervisum*.

praetexta: as *praetextum*. cf. *Maxillaria praetexta*.

praetextum: has a complicated expl., as there are a few different possibilities: ref. *praetextum* bordered; edged; fringed; adorned (as clothing). *Praetexta*: was a special kind of Roman toga. Ref. *praetextus*: the wearing of a *praetexta*, or: a (special) toga, edged with purple. Also *praetextus* can mean: pretence; deceit, etc. + Can be a superlative: (of) splendour; magnificence, etc. However, by the line drawing, this one is "fringed". cf. *Oncidium praetextum*.

praeustipetala: see *praeustum* + petals. cf. *Platanthera praeustipetala*.

praeustum: listed as the one word, ref. *praeustus*: hardened at the point. cf. *Dendrobium praeustum*. syn. *Dendrobium purpureum*.

prainiana: belonging to Prain. For orig.coll., Sir David Prain (1857-1944), author, phytologist and authority who collected in India c1890 and in Peru c1910. cf. *Nervilia prainiana* (King & Pantl.) Seidenf.1978. syn. *N. crociformis*.

prainianum: as *prainiana*. ex Peru, cf. *Zygopetalum prainianum* Rolfe 1914. syn. *Galeottia prainiana* (Rolfe) Dressler & Christenson 1989.

prainii: of Prain, see *prainiana*. ex the Himalayas to Indo-China, cf. *Peristylus prainii* (Hook.f.) Kraenzl.1898.

prasina: ex *prasinos*: of leeks, + see *prasinus*: leek-green. cf. *Coelogyne prasina*.

prasinata: like a leek, + see *prasinus* + suffix: leek-green + like; having (being?). cf. *Monadenia prasinata*. syn. *Disa cernua*.

prasinum: see *prasinus*. Ref. lip and column. cf. *Dendrobium prasinum*.

prasinus: a vague colour term: a dull bluish-green. Ref. *prason* : a leek (the vegetable) + see *-ina*: like, etc.(another word, for the same: see *porraceus*). Leeks are like a mild onion of the amaryllis family: *Amaryllidaceae*.

prasophylla: leek + leaf. + See *prasinus*, the leaves are this colour, or likened to those of a leek (?). cf. *Spiranthes prasophylla*.

Prasophyllinae: *Prasophyllum* + suffix denotes it's a subtribe.

prasophylloides: leek + leaf, or *Prasophyllum* + resembling. Or, perhaps it was compared to *Cyclopogon prasophyllum* (?). cf. *Cyclopogon prasophylloides*.

Prasophyllum: R.Br.1810: leek (see *prasinus*) + leaf. ex s.east Aust., eg. *Prasophyllum alpinum*. Noted as endemic.

prasophyllum: see *prasophylla*. cf. *Cyclopogon prasophyllum*.

pratense: ref. *pratum*: meadow + suffix: origin, from, or found in a meadow. Not necessarily part of a property: for any pleasant open area that could be likened to a meadow. cf. *Epidendrum pratense*. syn. *E. radicans*.

pratensis: as *pratense*. cf. *Pterostylis pratensis*. Noted as endemic to Tas., Aust.

praticola: meadow + resident; dweller. + See *pratense*. cf. *Eulophia praticola*.

prava: ref. *pravus*: deformed; crooked; bad. cf. *Liparis prava*.

pre-: as a prefix, ref. *prae*: before; precede; beforehand, etc.

predaensis: from Preda, a town of Graubünden canton (admin.division), Switzerland. cf. *Orchis* x *predaensis* Gsell 1936 (syn.).

preissii: listed for orig.coll., botanist Ludwig Preiss [+ of] (1811-1883). Arrived at the Swan River Colony (now: Perth, West.Aust.) 1838, where he lived for some years and collected widely in the region. cf. *Caladenia preissii* Endl.1846. syn. *C. reptans*.

premorse: ex *praemordere*: to bite off. Bot., ref. *praemorsus*: ending abruptly and irregularly, as if having been bitten off.

Prenipedilum: drooping; hanging + ref. *pedilon*: foot covering; slipper, etc. Ref. the labellum.= *Paphiopedilum* section.

prenticei: listed for phytologist, Charles Prentice (+ of). Descs. accr. to him are abbr. to: Prent. cf. *Dendrobium prenticei* (F.Muell.) Nicholls 1938. syn. *D. lichenastrum*. Noted as endemic to nth.Qld., Aust.

Preptanthe: Rchb.f.1853: ref. *preptos*: famous; renowned + flowers. But here, means: showy; very obvious + flowers. syn. *Calanthe* R.Br.

Preptanthe: as last entry.= *Calanthe* section.

presbys: lit., an old man; an elder (wise man), etc. cf. *Dracula presbys*.

Prescottia: Lindley 1824: reported to be for a friend, John Prescott, an Eng. merchant who lived in St.Petersburg, Russia. ex Brazil, eg. *Prescottia lancifolia*.

prescottiioides: see *Prescottia* + resembling. *Galeoglossum prescottiioides*. syn. *Prescottia tubulosa*.

preslii: listed for botanist and author Jan Swatopluk Presl (1791-1849). cf. *Spiranthes preslii* Lindley 1840. syn. *Cyclopogon elatus*.

pretoriensis: from Pretoria city, of Gauteng Prov., and/or ref. Pretoria (village), Eastern Cape, Prov., South Africa. cf. *Eulophia pretoriensis* Bolus 1933.

preussii: the type is listed as: "Guatemala, Preuss". Listed for orig.coll., botanist and author, Paul Rudolf Preuss (b1861) cf. *Vanilla preussii* Kraenzl,1919. syn. *Vanilla pfaviana*. Also noted, earlier, he collected in Africa, cf. *Disperis preussii* Rolfe 1898. syn. *Disperis kamerunensis* (: from Cameroon).

prianganense: listed for place name: from the Priangan region, westn. Java. cf. *Bulbophyllum prianganense* J.J.Sm.1913.

prianganensis: as *prianganense*. cf. *Dendrobium prianganensis* J.J.Wood.

priapus: listed as ref. Gk.myth.: *Priapos* (Roman: **Priapus**), god of fertility and protector of crops and herds. Usually depicted as a grotesque being with a huge penis. So, the word can also be used for a phallus; penis. cf. *Myoxanthus priapus* Luer 1983.

x *Priceara*: auct.: of Price. My only ref. is the next entry, but may be for an entirely different person (?). On the syn. list, the result of *Anguloa* x *Colax* x *Lycaste* x *Promenaea* x *Zygopetalum*.

pricei: of Price. For botanist and author, Michael Greene Price (b1941). cf. *Cypripedium kentuckiense* forma *pricei* P.M.Br.1998. syn. *Cypripedium kentuckiense*.

prices: At the height of trade in orchids, during the “boom” period, major events were the public auctions held at the London sales rooms of Prothro, Morris & Stevens, where many exotic plants were sold for amazing prices. Some interesting examples follow. To put these sums in perspective, bear in mind, for the average skilled worker (skilled, not just a labourer) around the mid-1800s, the yearly wage was about 26pounds (c\$52)! At its first appearance, *Aerides lawrenceae* realised the phenomenal price of 235guineas (: near enough to \$500). But, now multiply this by the difference in the cost of living, from then to today and you have a staggering sum, enough to keep an average family for quite some years! Around the same time, *Euanthe sanderiana* sold for c\$360; *Phalaenopsis amabilis* c\$200 and *Cymbidium parishii* c\$210.+ Of interest, see mercenaries.

primary stem: (of an epiphyte), sometimes seen in a discussion. When a rhizome elongates and becomes a stem, with markedly little difference in shape.

primulardii: listed as a natcross, the spec. was taken from its parents: *Dendrobium primulum* x *D. pierardii*. ex Myanmar, cf. *Dendrobium x primulardii* Horridge.

primulina: see *primulinus*. Is a reported natcross of *Aerangis citratum* x *A. hyaloides*. cf. *Aerangis x primulina* (Rolfe) H.Perrier 1941.

primulinum: see *primulinus*: greenish-yellow. cf. *Paphiopedilum primulinum*. + See next entry.

primulinum: ref. *Primula* + see -*ina*. Another entry, as this is reported as being, not for the colour, but for its perfume likened to that of the “English primrose” (comonly: cowslip: *Primula veris*, family: *Primulaceae*). cf. *Dendrobium primulinum*.

primulinus: a colour term: a greenish-yellow. Also, can ref. to a perfume, see *primulinum* (*Dendrobium primulinum*), last entry.

princeps: first; in front; chief; main; most exalted. cf. *Satyrium princeps*.

principensis: from Príncipe (island), Republic of São Tomé & Príncipe, off west coast Africa. cf. *Polystachya albescens* ssp.*principensis* Stévant 2000.

principissa: ref. *principis*: the first; main; chief + suffix, an emphasis: absolutely, etc. cf. *Aspasia principissa*.

pringlei: of Pringle. For orig.coll., botanist Cyrus Guernsey Pringle (1838-1911), who collected in Mexico c1894. cf. *Prosthechea pringlei* (Rolfe) W.E.Higgins 1998.

prinzii: listed for F.Prinz (+ of) who sent the plant from Brazil for identification., cf. *Cattleya guttata* var. *prinzii* Rchb.f.1856. syn. *Cattleya amethystoglossa*.

priochilus: saw + lip. cf. *Liparis priochilus*. syn. *Malaxis versicolor*.

priono-: used in combwds., ref. *prion*, *prionos*: a saw. Usually alluding to an organ, or part having serrations; saw-like. + Ref. *prionotos*: jagged; serrated, eg. see *prionochilum*.

prionochila: as *prionochilum*. cf. *Tolumnia prionochila*. syn. *Oncidium prionochilum*.

prionochilum: a saw (as, serrated) + lip. cf. *Dendrobium prionochilum*. syn. *Dendrobium sylvanum*.

prionocraspedon: saw-edged, see *priono-* + ref. *kraspedon*, see *craspedus*. Ref. the serrated margins. cf. *Habenaria prionocraspedon*.

prionopetalon: a saw + petal(s). Ref. the serrated margins. cf. *Odontoglossum* x *prionopetalon* O'Brien 1885. syn. *O. wilckeanum*.

prionota: ref. *prionotos*: serrated; jagged. cf. *Lepanthes prionota*. syn. *Draconanthes aberrans*.

prisca: ref. *prisce*: strictly; formerly. + Ref. *priscus*: old; former; ancient; old-fashioned. cf. *Orchis prisca*. syn. *O. patens* ssp. *nitidifolia*.

prismatica: ref. *prism*: something sawn (can also be: sawdust) + see *-matica*: relative to, etc. cf. *Lyraea prismatica*. syn. *Bulbophyllum prismaticum*.

prismaticum: as *prismatica*. cf. *Bulbophyllum prismaticum*.

prismatocarpa: as *prismatocarpum*. cf. *Prosthechea prismatocarpa*.

prismatocarpum: ref. *prismatos*: a thing sawn off. Having flats and angles + fruit (capsule). cf. *Epidendrum prismatocarpum*. syn. *Prosthechea prismatocarpa*.

pristeoglossa: ref. *pristes*: a saw + tongue. cf. *Pleurothallis pristeoglossa*.

pristes: lit., one who saws; a saw. Ref. serrate labellum margins. cf. *Epidendrum pristes*.

pristichila: as *pristichilum*. cf. *Flickingeria pristichila*. syn. *F. angulata*.

pristichilum: see *pristinus*, or could be see *pristes* (?) + lip. cf. *Desmotrichum pristichilum*. syn. *Flickingeria angulata*.

pristidis: saw-like (can also be shark-like). cf. *Lepanthes pristidis*. syn. *L. disticha*.

Pristiglottis: Cretz. & J.J.Sm. 1934: saw + tongue. Ref. serrate labellum margins. ex New Guinea, eg. *Pristiglottis coerulescens*.

pristinum: see *pristinus*. cf. *Dendrobium pristinum*.

pristinus: descwd.: early; original (as one of the first). + Can be: untouched; undamaged, etc. (hence our word, pristine).

pristis: a saw, for the serrations. cf. *Bulbophyllum pristis*. Trivium: *pristis*, also means: shark, and/or saw-shark, for the teeth.

privigna: lit., stepdaughter. cf. *Lepanthes privigna*.

pro-: seen in Lat. descriptions: before; on; just as; in place of; as.

pro-: used in combwds.: for (opp. to *anti-*); instead of; on behalf of; in front of; before; forward, etc.

probiflorum: ref. *probus*: excellent, etc. + flower. cf. *Epidendrum probiflorum*.

proboscidea: ref. *proboscideus*: a snout-like projection. cf. *Micropera proboscidea*.

proboscideum: see *proboscideus*. Ref. the lateral sepals, joined and forming a long, thin tube. cf. *Bulbophyllum proboscideum*.

proboscideus: descwd.: having a projecting organ, appendage, or a group likened to a trunk; snout, etc. (+ ref. *proboskis*: an elephant's trunk).

proboscideus: see last entry. cf. *Cyclopogon proboscideus*.

proboscidia: see *proboscideus*. cf. *Calanthe proboscidia*. syn. *C. triplicata*.
proboscidioides: see *proboscideus* + resembling. cf. *Phalaenopsis proboscidioides*. syn. *Phalaenopsis lowii*.
proboscidium: like a small trunk; snout. + See *proboscideus*. Ref. the rostellum. cf. *Taeniophyllum proboscidium*.
proboscidis: like an elephant's trunk. cf. *Lepanthes proboscidis*.
proboscoidea: see *proboscideus* + of; like. cf. *Masdevallia proboscoidea*.
procera: was trying to associate this with a horn (-cera). But it's listed as the one word, ref. *procerus*: tall; high. + Can be: long, or slender. cf. *Pterostylis procera*. Noted as endemic to nth. Qld., Aust.
procerum: as *procera*. cf. *Dendrobium procerum*.
procerus: as *procera*. cf. *Physurus procerus*. syn. *Microchilus major*.
process: same as a "structure". Usually applied to a small group of parts, or appendages that appear to make up a single unit and have a distinct function.
proclined: forwardly inclined; sloping, or leaning forward. eg. The scape is vertical and the column proclined.
procul: from afar; at a distance. cf. *Porroglossum procul*.
procumbens: see *procumbent*. cf. *Dendrobium procumbens*.
procumbent: is ex *pro-*: forward + ref. *cumbere*: to lie down. Lying face down; prone; prostrate. Not necessarily lying on the ground, as also applies to epiphytes. An opp. to erect. Can also mean: growing along the ground.
procurrens: projecting, jutting out. Probably ref. the racemes, which project laterally. cf. *Maxillaria procurrens*.
prodigiosa: ref. *prodigiosus*: wonderful; marvellous; unnatural; strange, etc. cf. *Masdevallia prodigiosa*.
prodigiosum: as *prodigiosa*. cf. *Dendrochilum prodigiosum*.
producta: may be: lengthened; elongated, and/or see *productus*. cf. *Diaphananthe producta*. syn. *D. bidens*.
productilis: see *producta*, *productus* + of, relative to. cf. *Microtatorchis schlechteri* var. *productilis*. syn. *M. schlechteri*.
productum: as *productus*. cf. *Mystacidium productum*. syn. *Diaphananthe bidens*.
productus: descwd.: make; bring out; draw out; extend; prolong; protract; beget; produce.
profusa: see *profusus*. cf. *Eria profusa*.
profusum: see *profusus*. cf. *Bulbophyllum profusum*.
profusus: descwd., lit.: lavish; profuse; extravagant. + Can be: spread out; an abundance.
profusus: as *profusus*. cf. *Eurycaulis profusus*. syn. *Dendrobium profusum*.
prognatha: ref. *prognatus*: born (of); descended (from). Descendant. cf. *Pleurothallis prognatha*.
projection: descwd.: any small part that juts above a surface. + See appendage.
prolata: ref. *prolatus*: lengthened; extended. cf. *Caladenia prolata*. Endemic to Sth. Aust.
prolaticollaris: see *prolata* + see *collare*: neckband, etc. cf. *Pleurothallis prolaticollaris*.
prolatus: as *prolata*. cf. *Petalochilus prolatus*. syn. *Caladenia prolata*.

x *Prolax*: auct. On the syn. list, cf. *Colax* x *Promenaea*.

prolifer: bearing offspring; productive, + see *proliferous*. cf. *Ischilus prolifer*. syn.

Scaphyglottis prolifera.

prolifera: see *proliferous*. Often has aerial growths (see *keiki*), cf. *Lepanthes prolifera*.

Proliferae: as *prolifer* + of. The same inflo. bears flowers successively year after year.=

Coelogyne section.

proliferous: prolific; abundantly productive. Esp. refs. to vegetative propagation (hence the Lat., *prolifer*: bearing offspring). With epiphytes, ref. to as “*keikis*” (see entry at “K”) and terrestrials, see *gemmae* (at “G”). + See vegetative propagation (“V”).

proliferum: see *prolifer*, *proliferous*. cf. *Taeniophyllum proliferum*.

proliferus: as *proliferum*. cf. *Ischilus proliferus*. syn. *Scaphyglottis prolifera*.

prolificans: (being) productive; fruitful, etc. cf. *Pleurothallis prolificans*.

proligerum: bearing offspring (the suffix. -gerum, see -ger: same as -fer), + see *proliferous*. cf. *Epidendrum proligerum*.

prolixa: as *prolixus*. cf. *Masdevallia prolixa*.

prolixus: elongate; long; stretched out. cf. *Arthrochilus prolixus*.

x *Promellia*: auct. On the syn. list, cf. *Ansellia* x *Promenaea*.

Promenaea: Lindley 1843: another of Prof. Lindley’s fanciful names, again, simply for “beauty”. Listed as ref. *Promeneia*: a beautiful priestess from Dodona, an ancient city of Epirus, Greece. Famous for an oracle of Zeus, located there and detailed by Herodotus, a Gk. historian c450BC. ex Brazil, eg. *Promenaea lentiginosa*.

x *Promenanthus*: auct. On the syn. list, cf. *Cochleanthes* x *Promenaea*.

promensis: for place name: from Prome, (now) a major city of Myanmar. cf. *Eulophia promensis* Lindley 1833.

prominence: a swelling out; an obvious knob; tumour, etc. Another word for a “protuberance”.

prominens: jutting; poking out; projecting. cf. *Pterostylis pusilla* var. *prominens*. syn. *P. rufa*.

promontorii: ref. *promontorium* (+ *promunturium*?): headland; ridge; promontory.

Reported as found on a promontory of Testa del Gargano, s.east Italy (+ see *garganica*). cf. *Ophrys promontorii* O. & E. Danesch 1971.

x *Promosepalum*: auct. On the syn. list, cf. *Promenaea* x *Zygosepalum*.

-*prope*: used in combwds., ref. *prope*: near; close. Nearby; not far from; almost; nearly.

x *Propetalum*: auct. On the syn. list, cf. *Promenaea* x *Zygopetalum*.

propinqua: see *propinquus*. cf. *Scaphyglottis propinqua*.

propinquior: a neighbour; relative; very close friend. Or: one who is close (by); neighbouring etc. cf. *Habenaria propinquior*. Noted as endemic to nth.Qld., Aust.

propinquum: see *propinquus*. cf. *Bulbophyllum propinquum*.

propinquus: descwd.: neighbouring; close; near to. + See -*prope*.

prora: prow; bow (as, of a boat). cf. *Lepanthes prora*.

prorepens: forward + creeping. cf. *Malaxis prorepens*.

Prorepentes: freely trans.: those creeping forward.= *Liparis* section.

prorsus: descwd.: onward; forward; straight on. Sometimes used in combwds.: -*prorsum*, etc.

prosartema: ref. *pros*: forward; beside; near, etc.+ pendant; ear-ring. cf. *Masdevallia prosartema*.

proserpini: is to express "beauty": of Proserpine, the Roman myth. name for Persephone (see *persephona*). cf. x *Laeliocattleya proserpini* Rolfe ex B.S.Williams (syn.).

prosectorum: ref. *prospectus*: sight; view + suffix: of, or relative to: from a high look-out area (?). Could be for a high montane habitat: having a commanding view. Or maybe, as it's a relatively tall terrestrial, the flowers get a good view of the area (?). cf. *Palmorchis prosectorum*.

Prosthechea: Knowles & Westc.ex Schltr. See *Prosthechea*. syn. *Epidendrum*.

prosteveniella: for + Steven + respectful suffix. Refs. to von Steven, info. see *Steveniella*. cf. *Orchis prosteveniella* P.Delforge 2000. syn. *Steveniella satyrioides*.

Prosthechea (+ have noted *Prosthecea*): Knowles & Westc.1838: ref. *prostheke*: something appearing as if added on; an appendage. Refs. to the rear of the column. ex Mexico, eg. *Prosthechea glauca*.

prosthecglossum: appendage + tongue. cf. *Dendrobium prosthecglossum*.

prostrata: see prostrate. cf. *Physinga prostrata*. syn. *Epidendrum prostratum*.

prostrate: lying almost flat, face down.

prostratum: as prostrate. cf. *Dendrobium prostratum*.

protearum: Protea + suffix: of; belonging to. Ref. *Protea*: a genus of flowering trees and bushes, being renowned for their variability (family: *Proteaceae*). ex sthn. trop. Africa, cf. *Platycoryne protearum*.

protectum: ref. *protectus*: guard; hide; defend; cover (over). cf. *Bulbophyllum protectum*.

protensa: *pro-*: before + ref. *tendere*: to stretch (out). Stretching before, or ahead; hold out in front. cf. *Phreatia protensa*.

protensum: as *protensa*. cf. *Angraecum protensum*.

proterantha: see proteranthous. cf. *Polystachya proterantha*.

proteranthous: *proter-*: first (in time) + ref. *proteros*: earlier,+ flowers (+ Eng. suffix: of, relative to). The inflorescence develops before the growth of stems, etc.

proteranthum: see proteranthous. cf. *Bulbophyllum proteranthum*.

protists: ref. *protistos*: absolutely first. A general term for mostly microscopic, one-celled entities. See alga, here the ref. is to (some) blue-green algae.

proto-: mostly used in English compwds., ref. *protos*: first; earliest; foremost, etc.

protocorm: see *proto-*, listed as coined from: first + ref. *kormos*: trunk of a tree. The embryo plant body produced following the germination of a seed. + See microrhizome.

protocorm mycorrhiza: see protocorm + see mycorrhiza. Occurs in most orchid genera as the seeds are so minute they can't store nourishment. Usually, immediately one germinates it is infected with a fungus from which the plant takes its food, etc. + See mycorrhiza, ectotrophic mycorrhiza.

protologue : the written complete dissertation of every known fact of a plant, regarding its known history, distribution, climate, altitude, habitat(s), etc., apart from the

phytographic description, prior to publishing. A criteria of the ICBN., when a submission is made for the naming of a new species.

protoplasm: an indefinable and complicated, mostly clear substance of the cells of all living matter. Viscous, like semi-set jelly, it's a mixture of fats, proteins, acids, etc., suspended in a watery fluid and the basis of all life. Knowledge of the composition of protoplasm can be very important esp. in plants with medicinal values.

protracta: ref. *protractus*: lengthened; drawn out; drawn forward. cf. *Pholidota protracta*.

protractum: as *protracta*. cf. *Bulbophyllum protractum*.

protuberance: a swelling; bulge; tumour; knob; lump; prominence, etc.

protuberans: protuberant; swelling out (see protuberance). cf. *Lepanthes protuberans*.

proudlockii: listed for orig.coll., H.Proudlock (+ of). ex Nilgiri region, India c1896, cf. *Bulbophyllum proudlockii* (King & Pantl.) J.J.Sm.1912.

provecta: ref. *provectus*: advanced. cf. *Ophrys* x *provecta* Benito & C.E.Hermos 2000.

provincialis: listed as Lat'd. spelling for place name: of Provence, and/or ref. Provence-Alpes Côte d'Azur Region, sthn. France. cf. *Orchis provincialis* Balb.1808.

proxima: see *proximus*. cf. *Gymnadenia* x *intermedia* nothosubsp.*proxima*.

proximal: ref. *proximalis*: nearest to the axil. The part of an organ closest to the point of attachment. An opposite to distal.

proximum: nearest; next. cf. *Bulbophyllum proximum*. syn. *B. pachytelos*.

proximus: descwd., closest; nearest; next.

pruinosa: see pruinose. cf. *Corysanthes pruinosa*. syn. *Corybas pruinus*.

pruinose: ref. *pruina*: hoar-frost; rime. Having a waxy, greyish-white surface coating, as glaucous, but coarser. + See glaucous, bloom.

pruinosum: see pruinose. cf. *Dendrobium pruinosum*. Pers.coll. ex PM.PNG., see *luteocilium*.

pruinus: see pruinose. The lip has a "frosty" appearance. cf. *Corybas pruinus*. Noted as endemic to NSW., Aust.

pruninus: ref. *prunum*: a plum + see -*ina*: a vague colour term: plum blue (as the fruit).

psammophila: ref. *psammos*: sand + loves. Grows in sandy places. cf. *Thelymitra psammophila*. Noted as endemic to West.Aust.

psammophilum: as *psammophila*. cf. *Genoplesium psammophilum*. Noted as endemic to Qld., Aust.

psectrantha: ref. *psektra*, listed as a tool for scraping. + Can be for a currycomb (for grooming a horse) + flower. cf. *Coelogyne psectrantha*. syn. *C. mooreana*.

psednus: ref. *psednos*: thin; meagre; mere; bald, etc. cf. *Calochilus psednus*.

pseud-, *pseudo-*: used in compwds., ref. *pseudes*: false; not true; almost the same, but not quite. Had to revise many entries as I had already defined the words (without *pseud-*, *pseudo-*) and couldn't see the sense in doing them all again! With the use of *pseud-*, at first I thought, "the lazy sods, taking the easy way out" and it's a wonder I wasn't struck by lightning for this slanderous thought!. After much contemplation I realised that, to be fair, with most of them, the authors are simply highlighting the fact that they are alike in MOST every way. This ensures

that you and I know that they are “different” and to look for the difference by comparing them (if you really wish to know), eg. *pseudoleiophylla*. The generic name, *Eria pseudoleiophylla* infers that it is ALMOST the same as *Eria leiophylla*. The use of *pseud-*, *pseudo-* is often held in contempt and I agree, some words can almost be ridiculous, esp. when in refs. to people, or place names. Often with my entries, take *Pseudolaelia* eg., I just say it means: *pseudo*+ *Laelia*, as both words have separate entries. Also remember that for the majority, the author is only saying that it is different to the original. eg. *Pseudorchis* could translate to: false orchid, or false *Orchis*, but it’s not really “false” and it simply means, “almost the same as the genus *Orchis*”.

pseudaclinia: see *pseud*+ see *aclinia*. Noted it was compared to *Dendrobium aclinia*. cf.

Dendrobium pseudaclinia. syn. *D. aclinia*.

Pseudacoridium: Ames 1922: see *pseud*+ *Acoridium*. syn. *Dendrochilum* Blume.

x *Pseudadenia*: P.F.Hunt 1971. The name is taken from the parents as it’s listed as a cross of *Gymnadenia* x *Pseudorchis*. ex Germany, eg. x *Pseudadenia schweinfurthii* (Hegelm.ex A.Kern.) P.F.Hunt 1971.

x *Pseudanthera*: McKean 1982. A translation doesn’t apply as the name is taken from the parents: listed as a cross of *Platanthera* x *Pseudorchis*. Noted as monotypic ex Scotland, eg. x *Pseudanthera breadalbanensis*.

pseudapaganum: see *pseud*+ see *paganus*: rural, etc. cf. *Epidendrum pseudapaganum*.

pseudaprina: see *pseud*+ *aprina*. Was listed as such, but there isn’t any official listing, see *pseudoaprina*. cf. *Cadetia pseudaprina* (: *pseudoaprina*?).

pseudaprinum: see *pseudaprina* (same comment). cf. *Dendrobium pseudaprinum*. syn. *Cadetia pseudoaprina*.

pseudavicula: see *pseud*+ *avicula*: small bird. Or, may have been compared to *Epidendrum avicula* (?). cf. *Epidendrum pseudavicula*.

Pseudelleanthus: Brieger 1983: see *pseud*+ *Elleanthus*. syn. *Elleanthus* C.Presl.

Pseudencyclia: Chiron & V.P.Castro 2003: *pseud*+ *Encyclia*. syn. *Prosthechea*.

Pseudepidendrum: Rchb.f.1852: *pseud*+ *Epidendrum*. eg. *Pseudepidendrum spectabile*. syn. *Epidendrum pseudepidendrum*.

pseudepidendrum: *pseud*+ *Epidendrum*. cf. *Epidendrum pseudepidendrum*.

Pseuderia: Schltr.1912: *pseud*+ *Eria*. ex New Guinea, eg. *Pseuderia floribunda*.

Pseuderioopsis: Rchb.f.1849: *pseud*+ *Eriopsis*. ex the central Americas, eg. *Pseuderioopsis schomburgkii* Rchb.f.1849. syn. *Eriopsis biloba*.

x *Pseudinium*: P.F.Hunt 1971. A translation doesn’t apply as the name is taken from the parents. Noted as monotypic ex Europe and listed as a cross of *Herminium* x *Pseudorchis*. ex Switzerland, eg. x *Pseudinium aschersonianum*.

pseudoalbiflorum: see *pseud*+ white + flower. Or, may have been compared to *Epidendrum albiflorum* (?). cf. *Epidendrum pseudoalbiflorum*.

pseudoaloifolium: see *pseud*+ see *aloifolium*. cf. *Dendrobium pseudoaloifolium*.

pseudoanatolica: *pseudo*+ see *anatolica*. cf. *Orchis* x *pseudoanatolica* H.Fleischm.1914.

pseudoanceps: see *pseud*+ see *anceps*. Or, may have been compared to *Epidendrum anceps* (?). cf. *Epidendrum pseudoanceps*.

pseudoapifera: see *pseud-* + see *apifera*. cf. *Orchis pseudoapifera*.

pseudoaprina: see *pseud-* + *aprina* (: of wild boar). Was probably compared to *Cadetia aprina*. cf. *Cadetia pseudoaprina*.

pseudoaprinum: same comments as *pseudoaprina*. cf. *Dendrobium pseudoaprinum*. syn. *Cadetia pseudoaprina*.

pseudoapulica: *pseud-* + see *apulica*. cf. *Ophrys heldreichii* var. *pseudoapulica*. syn. *O. scolopax*.

pseudoaranifera: *pseud-* + see *aranifera*. Noted it was compared to *Ophrys aranifera*. cf. *Ophrys pseudoaranifera*.

pseudotropurpurea: see *pseud-* + dark, or strongly purple. Or, may have been compared to *Gongora atropurpurea*(?). cf. *Gongora pseudotropurpurea*.

pseudobertolonii: *pseud-* + see *bertolonii*. Noted it was compared to *Ophrys bertolonii*. cf. *Ophrys pseudobertolonii* Murr 1898.

pseudobulb: my abbr.: p'bulb. The swollen basal part of the plant. This time, *pseudo-*, does mean false, as it is not a true "bulb". Can be of many shapes and sizes and is the main storehouse for food and nourishment for the whole plant. Mostly they are the origin of the new growths and carry the leaves and inflorescences, although this is not a strict rule. Also see stem, which is a different shape, but still has the same functions.

pseudobulbiferus: see *pseudobulb* + bearing. cf. *Dipteranthus pseudobulbiferus*. syn. *Zygostates pellucida*.

pseudobulbosum: as *pseudobulbosus*. cf. *Cryptocentrum pseudobulbosum*.

pseudobulbosus: with many, or having well-developed pseudobulbs. cf. *Anthosiphon pseudobulbosus*. syn. *Cryptocentrum pseudobulbosum*.

pseudocaerulescens: see *pseud-* + tending to, or becoming "blue". cf. *Vanda pseudocaerulescens*. syn. *Rhynchostylis coelestis*.

pseudocalceola: as next entry. cf. *Ceraia pseudocalceola*. syn. *Dendrobium pseudocalceolum*.

pseudocalceolum: see *pseud-* + small shoe; slipper, + see *calceolaria*. cf. *Dendrobium pseudocalceolum*.

pseudocaldensis: see *pseud-* + *caldensis*. Noted it was compared to *Habenaria caldensis*. ex Brazil, cf. *Habenaria pseudocaldensis*.

pseudocalophyllus: *pseud-* + beautiful + leaf. Noted it was compared to *Corybas calophyllus*. cf. *Corybas pseudocalophyllus*. syn. *C. calophyllus*.

pseudocampestris: *pseud-* + *campestris*, see *campestre* (: of a field, or plain as a habitat). But was probably compared to *Chloraea campestris* (?). cf. *Chloraea pseudocampestris*. syn. *C. multiflora*.

pseudocaprinum: *pseud-* + see *caprinum*. May have been compared to *Himantoglossum caprinum* (?). ex Iraq, cf. *Himantoglossum hircinum* var. *pseudocaprinum*.

pseudocaulescens: *pseud-* + stem; stalk + becoming. cf. *Lepanthes pseudocaulescens*.

Pseudocentrum: Lindley 1859: see *pseud-* + spur, or point. ex Ecuador, eg. *Pseudocentrum macrostachyum*.

pseudocernuum: see *pseud-* + see *cernuous*: nutant and facing downwards. Or, may have been compared to *Epidendrum cernuum* (?). cf. *Epidendrum pseudocernuum*.

pseudochila: see *pseud-* + lip. cf. *Pleurothallis pseudochila*.

pseudociliata: see *pseud*-+ see *ciliate*: like, or having eyelashes (cilia). But, more likely, was compared to *Cranichis ciliata*. cf. *Cranichis pseudociliata*. syn. *C. sylvatica*.

pseudociliosa: see *pseud*-+ *ciliosa*. Noted it was compared to *Habenaria ciliosa*. cf. *Habenaria pseudociliosa*.

pseudoclavicaulis: see *pseud*-+ club + stem; stalk. Or, it may have been compared to *Eria clavicaulis* (?). cf. *Eria pseudoclavicaulis*.

Pseudocoeloglossum: (Szlach.& Olszewski) Szlach.2003: -*pseud* + see *Coeloglossum*. syn. *Habenaria* Willd.

pseudoconanthum: *pseud*-+ see *conanthum*. Noted it was compared to *Dendrobium conanthum*. cf. *Dendrobium pseudoconanthum*.

pseudoconoepa: see *pseud*-+ *conoepa*. Noted, it was compared to *Orchis conoepa*. cf. *Orchis pseudoconoepa*. syn. *Gymnadenia conopsea*.

pseudoconopsea: *pseud*-+ see *conopsea*. This is slightly complicated, as initially it was described as *Orchis conopsea*, which was then relegated to being syn. to *Gymnadenia conopsea*. This one was thought to be a little different (hence the *pseudo*-), so it was given the generic name of *Gymnadenia pseudoconopsea*. Later, it was re-examined and then proved to be *Gymnadenia conopsea*.

pseudoconvexa: see *pseud*-+ see *convex*. cf. *Flickingeria pseudoconvexa*.

pseudoconvexum: see *pseud*-+ *convex*. cf. *Dendrobium pseudoconvexum*. syn. *Flickingeria pseudoconvexa*.

pseudo-copulation: the orchid's art of mimicry (see "M") is well documented with many books, in lay-man's language, through to the ultra-scientific. If you've not read anything on the incredible relationship between orchids and insects, then you've really been missing out! One perfect example: I saw a series of magnificent photo's taken by a naturalist-photographer (they must have the patience of Job) capturing in glorious coloured close-ups, a male wasp literally *flagrante delicto* (: in the very act), trying to mate with a flower which he thought was a female wasp. The plant has built a structure, within the flower, resembling some anatomical parts of a female wasp + emits a perfume that signals that it is ready for the male's attention. Thus the orchid enlists the aid of the wasp* for pollination. A fascinating facet of this wondrous achievement is that it occurs a day or so, **before** the female wasps actually become available for their own reproduction, so the males are not otherwise distracted. *+ See *Campsomeris tasmaniensis* (the wasp), osmophore, pheromones. I had the honour and pleasure of attending a couple of fascinating, light-hearted presentations given by the world-famous entomologist, Prof. Joseph Arditti (and he has a wonderful knowledge of orchids). I'll never forget "Sex & The Single Orchid", thanks Joe.

pseudocordigera: see *pseud*-+ heart + bearing. Noted, it was actually compared to *Dactylorhiza cordigera*. cf. *Dactylorhiza pseudocordigera*. syn. *D. lapponica*.

Pseudocranichis: Garay 1982: see *pseud*-+ *Cranichis*. Noted as monotypic ex Mexico, eg. *Pseudocranichis thysanochila*.

Pseudoctomeria: Kraenzl.1925: see *pseud*-+ *Octomeria*. syn. *Pleurothallis* R.Br.

pseudocymbiformis: see *pseud*-+ see *cymbi*-+ shape. Or, it may have been compared to *Eria cymbiformis* (?). cf. *Eria pseudocymbiformis*.

pseudodenticulata: see *pseud*-+ denticulate. Or, may have been compared to *Habenaria denticulata* (?). cf. *Habenaria pseudodenticulata*.

pseudodichaea: *pseud*-+ see *Dichaea*. cf. *Dendrobium pseudodichaea*.

pseudodifforme: see *pseud*-+ (from + shape) unlike, etc. Or, may have been compared to *Epidendrum difforme* (?). cf. *Epidendrum pseudodifforme*.

Pseudodiphryllum: Nevski 1935: see *pseud*-+ *Diphryllum*. syn. *Platanthera* Rich.

pseudodiphylax: see *pseud*-+ see *Diphylax*. cf. *Neottianthe pseudodiphylax*. syn. *N. cucullata*.

pseudodisa: see *pseud*-+ see *Disa*. cf. *Polystachya pseudodisa*.

pseudodisticha: *pseud*-+ see distichous: in two opp. rows. cf. *Liparis pseudodisticha*.

pseudodistichum: as *pseudodisticha*. Ref. the branching stem. cf. *Saccolabium pseudodistichum*. syn. *Gastrochilus pseudodistichus*.

pseudodistichus: see *pseudodistichum*. cf. *Gastrochilus pseudodistichus*.

Pseudo-Eria: *pseud*-+ *Eria*. Was a *Dendrobium* section, now, ref. the genus *Pseuderia*.

pseudoequitans: see *pseud*-+ equitant. Noted, it was compared to *Dendrobium equitans*. cf. *Dendrobium pseudoequitans*.

Pseudoeurystyles: Hoehne 1944: see *pseud*-+ see *Eurystyles*. syn. *Eurystyles* Wawra.

pseudofilicaule: *pseud*-+ thread + stem; stalk. cf. *Bulbophyllum pseudofilicaule*.

pseudofilicornu: *pseud*-+ thread + horn. Noted it was compared to *Angraecum filicornu*. cf. *Angraecum pseudofilicornu*.

pseudofragrans: *pseud*-+ see *fragrans*. cf. *Orchis pseudofragrans*.

pseudofrigidum: *pseud*-+ see *frigidum*. Noted it was compared to *Dendrobium frigidum* J.J.Sm.1916, which is now a syn. cf. *Dendrobium pseudofrigidum* J.J.Sm.1929. syn. *D. masarangense* ssp. *theionanthum*. Noted as endemic to New Guinea.

pseudofunerea: *pseud*-+ see *funerea*. cf. *Ophrys* x *pseudofunerea* Soó 1929. syn. *O.* x *pseudofusca*.

pseudofusca: *pseud*-+see *fusc*-: blackish brown. cf. *Ophrys* x *pseudofusca*.

pseudoglomeratum: *pseud*-+ see glomerate. Noted it was compared to *Dendrobium glomeratum*. cf. *Dendrobium pseudoglomeratum*.

Pseudogoodyera: Schltr.1920: see *pseud*-+ *Goodyera*. ex Mexico, eg. *Pseudogoodyera wrightii* (Rchb.f.) Schltr.1920.

pseudogoodyerioides: see *pseud*-+ *Goodyera* + like. cf. *Spiranthes pseudogoodyerioides*. syn. *Pseudogoodyera wrightii*.

pseudogramineum: see *pseud*-+ see *graminea*, *gramineus*. cf. *Epidendrum pseudogramineum*.

pseudohainanense: *pseud*-+ see *hainanense*. Noted, it was compared to *Dendrobium hainanense*. cf. *Dendrobium pseudohainanense* Matsum.1933.

pseudohamata: see *pseud*-+ hamate. May have been compared to *Habenaria hamata* (?). cf. *Habenaria pseudohamata*.

Pseudohemipilia: Szlach.2003: *pseud*-+ see *Hemipilia*. syn. *Habenaria* Willd.

Pseudohexadesmia: Brieger 1976: see *pseud*-+ *Hexadesmia*. Both are syn. to *Scaphyglottis* Poepp.& Endl.

pseudohydra: false + hydra*. cf. *Chaseella pseudohydra* Summerh. *Hydra: one of a phylum (: race; tribe) of aquatic invertebrates that look like an upside-down jellyfish. Usually with a tubular body and having many tendrils, or tentacles used for feeding. Dr. Summerhayes likened the plant to these creatures as the ovoid pseudobulb has many slender leaves radiating from the apex (good one, even I can see the comparison). + Of interest, see invertebrate, coelenterate (for cross-reference).

pseudointricatum: see *pseud-*+ ref. *intricatus*: entangled, etc. cf. *Dendrobium pseudointricatum*.

Pseudojumellea: *pseudo-*+ see *Jumellea*. = *Angraecum* section.

pseudojunialis: *pseud-*+ *junialis*: of June (the month). cf. *Dactylorhiza* x *pseudojunialis* R.Döll 1978. syn. *Dactylorhiza* x *aschersoniana*.

pseudokraemeri: *pseud-*+ see *kraemeri*. Noted, it was compared to *Dendrobium kraemeri*. cf. *Dendrobium pseudokraemeri* Fukuy. 1937. syn. *D. kraemeri*.

Pseudolaelia: Porto & Brade 1935: see *pseud-*+ *Laelia*. ex Brazil, eg. *Pseudolaelia citrina*.

pseudolankesteri: see *pseud-*+ see *Lankesterella*. Or, was possibly compared to *Epidendrum lankesteri* (?). cf. *Epidendrum pseudolankesteri*.

pseudolateral: see *pseud-*+ lateral. Was in ref. to a raceme which is on the apex, but also slightly to the side (of the top, of the pseudobulb.). + See adterminal.

pseudolaxiflora: *pseud-*+ see *laxiflora*. Noted it was compared to *Orchis laxiflora*. cf. *Orchis pseudolaxiflora*. syn. *Anacamptis palustris* ssp. *robusta*.

pseudoleiophylla: see *pseud-*+ see *leiophylla*. Noted it was compared to *Eria leiophylla*. cf. *Eria pseudoleiophylla*.

pseudolepanthes: see *pseud-*+ *Lepanthes*. cf. *Trichosalpinx pseudolepanthes*.

Pseudoliparis: Finet 1907: see *pseud-*+ *Liparis*. syn. *Malaxis* Sol. ex Sw.

pseudoliparis: see *pseud-*+ *Liparis*. cf. *Malaxis pseudoliparis*.

Pseudo-Liparis: see *pseud-*+ *Liparis*. = *Microstylis* section.

Pseudomacodes: Rolfe 1892: see *pseud-*+ *Macodes*. ex the Solomon Islands, cf.

Pseudomacodes cominsii Rolfe 1892. syn. *Macodes cominsii* (Rolfe) Rolfe.

pseudomammosa: *pseud-*+ see *mammosa*, cf. *Ophrys pseudomammosa*.

Pseudomaxillaria: Hoehne 1947: see *pseud-*+ *Maxillaria*. syn. *Maxillaria* Ruiz & Pav.

pseudomelanthes: see *pseud-*+ see *mel-*, *mela-* (of honey, or "black"?) + flower. cf. *Odontoglossum pseudomelanthes*.

pseudominuta: see *pseud-*+ *minuta*. Noted as compared to *Masdevallia minuta*. cf. *Masdevallia pseudominuta*. syn. *M. kyphonantha*.

pseudomohlianum: *pseud-*+ see *mohlianum*. May have been compared to *Dendrobium mohlianum* (?). cf. *Dendrobium pseudomohlianum*. syn. *D. lawesii*.

pseudomoluccana: see *pseud-*+ see *moluccana*. Noted as compared to *Plocoglottis moluccana* Blume. cf. *Plocoglottis pseudomoluccana* Schltr. 1912.

pseudomuscifera: see *pseud-*+ see *muscifera*. May have been compared to *Ophrys muscifera* (?). cf. *Ophrys aranifera* forma *pseudomuscifera*. syn. *O. sphegodes*.

pseudoneglecta: see *pseud-*+ *neglecta*. May have been compared to *Maxillaria neglecta* (?). cf. *Maxillaria pseudoneglecta*. syn. *M. neglecta*.

pseudonida: false + nest, but is noted it was compared to *Aeranthus nidus*. cf. *Aeranthus pseudonida*. syn. *Aeranthus nidus*.

pseudonipponica: see *pseud-*+ belonging to Japan. May have been compared to *Listera nipponica* (?). cf. *Listera pseudonipponica*. Also, it doesn't really "belong to Japan" (see *nipponica*), as it's noted to be endemic to Taiwan.

pseudonocturnum: see *pseud-*+ of the night. Or, may have been compared to *Epidendrum nocturnum* (?). cf. *Epidendrum pseudonocturnum*.

pseudonubigena: *pseudo-*+ see *nubigena*, but was probably compared to *Maxillaria nubigena* (?). cf. *Maxillaria pseudonubigena*.

pseudonutans: *pseud-*+ see *nutant*: nodding, etc. cf. *Bulbophyllum pseudonutans*. syn. *B. brachystachyum*.

pseudopallens: *pseud-*+ see *pallens*. Was probably compared to *Orchis pallens*. cf. *Orchis pseudopallens*. syn. *O. provincialis*.

pseudoparviflora: *pseud-*+ see *parviflora*. cf. *Orchis pseudoparviflora*.

pseudopaniculatum: see *pseud-*+ see *paniculate*. Or, may have been compared to *Epidendrum paniculatum* (?). cf. *Epidendrum pseudopaniculatum*.

pseudopelma: *pseud-*+ see *Pelma*. cf. *Bulbophyllum pseudopelma*.

pseudopeloricum: see *pseud-*+ *peloric*, see *peloral*. cf. *Dendrobium pseudopeloricum*.

pseudopendula: see *pseud-*+ see *pendulous*. Noted one ref. says it was compared to *Appendicula pendula*. cf. *Appendicula pseudopendula*.

pseudopendulum: as *pseudopendula*. cf. *Podochilus pseudopendulum*. syn. *Appendicula pseudopendula*.

Pseudoperistylis: (P.F.Hunt) Szlach.& Olszewski 1998: see *pseud-*+ *Peristylis*. syn. *Habenaria* Willd.

Pseudoperistylis: see *pseud-*+ *Peristylus*. = *Habenaria* section.

pseudopetiolatum: see *pseud-*+ see *petiolate*. cf. *Angraecum pseudopetiolatum*.

pseudophrys: see *pseud-*+ *Ophrys*. cf. *Peristylus pseudophrys*.

pseudopicta: see *pseud-*+ *picta*. cf. *Orchis* x *pseudopicta* Cortesi. syn. *O. x pseudorubra*.

Pseudopidendrum: could be a typ.error?, see *Pseudepidendrum*.

pseudoplatycoryne: *pseud-*+ see *Platycoryne*. cf. *Habenaria pseudoplatycoryne*.

pseudopogon: see *pseud-*+ *beard*. cf. *Pleurothallis pseudopogon*.

pseudopollen: false + pollen. Noted as a slightly sticky excrescence produced in mimicry of real pollen. Positioned strategically on the labellum, small bush bees are fooled and try to collect it, removing the plant's pollinia. They visit other flowers, of the same species to try again and deposit the pollinia, effecting fertilization. Read this in ref. to *Gastrodia sesamoides*. + See secretion.

pseudopolystachyum: see *pseud-*+ many + spike(s). Or, may have been compared to *Epidendrum polystachyum* (?). cf. *Epidendrum pseudopolystachyum*.

Pseudoponera: Brieger 1976: see *pseud-*+ *Ponera*. syn. *Ponera* Lindl.

pseudoporrectus: *pseud-*+ see *porrect*. Possibly was compared to *Otochilus porrectus* (?). cf. *Otochilus pseudoporrectus*.

pseudopurpurata: see *pseud-*+ purple + having; like (being?). cf. *Epipactis pseudopurpurata*.

pseudopygmaea: see *pseud-*+ *pygmaea*. Noted as compared to *Encyclia pygmaea*. cf. *Encyclia pseudopygmaea*. syn. *Prosthechea pygmaea*.

pseudopygmaeum: see *pseud-*+ *pygmaeum*. Noted as compared to *Hormidium pygmaeum*. cf. *Hormidium pseudopygmaeum*. syn. *Prosthechea pygmaea*.

pseudopyramidalis: *pseud-*+ pyramid + relative to. cf. *Deiregyne pseudopyramidalis*.

pseudoquadriloba: *pseud-*+ see *quad-*+ lobe. cf. *Ophrys* x *pseudoquadriloba*.

pseudoracemosa: see *pseud-*+ see *racemosa*. Or, was possibly compared to *Ponthieva racemosa* (?). cf. *Ponthieva pseudoracemosa*.

pseudoradiosa: may have been compared to *Stanhopea radiosa* (*pseudo-*+ *radiosa*). It's also possible, it may be an allusion to the inflorescence, at first, appearing to be like a (larger) root, as it pushes down through the clutter of the other roots and litter at the base of the plant (*pseudoradiosa*: false + root + see *-osa*: prominent; well-developed, etc.), for their flowering habit (?). cf. *Stanhopea pseudoradiosa*.

pseudoramosa: noted, it was compared to *Eulophia ramosa*. cf. *Eulophia pseudoramosa* (see *pseud-*+ *ramosa*). syn. *E. ramosa*.

pseudoramosum: see *pseud-*+ see *ramosa*: branched. Or, may have been compared to *Epidendrum ramosum* (?). cf. *Epidendrum pseudoramosum*.

Pseudorchis: Ség.1754: see *pseud-*+ *Orchis*. Noted as monotypic and has a wide distribution in the nthn. hemisphere, cf. *Pseudorchis albida* (L.) Á.& D.Löve 1969.

pseudorepens: see *pseud-*+ *repens*: creeping. May have been compared to *Habenaria repens* (?). cf. *Habenaria pseudorepens*.

Pseudorleanesia: Rauschert 1983: *pseud-*+ see *Orleanesia*. syn. *Orleanesia* Barb.Rodr.

pseudorevolutum: see *pseud-*+ see *revolute*. cf. *Dendrobium pseudorevolutum*. syn. *Appendicula cornuta*.

x *Pseudorhiza*: P.F.Hunt 1971: the name is taken from the parents as it's listed as a cross of *Dactylorhiza* x *Pseudorchis*. eg. x *Pseudorhiza bulgarica* (: of Bulgaria).

pseudorolfei: see *pseud-*+ see *rolfei*, or may have been compared to *Cynorkis rolfei* (?). cf. *Cynorkis pseudorolfei* H.Perrier 1951.

pseudosambucina: *pseud-*+ see *sambucina*. Noted it was compared to *Dactylorhiza sambucina*. cf. *Dactylorhiza sambucina* ssp.*pseudosambucina*. syn. *D. romana*.

pseudoscriptum: *pseud-*+ see *scriptum*. May have been compared to *Dendrochilum scriptum* (?). cf. *Dendrochilum pseudoscriptum*.

pseudoschumanniana: *pseud-*+ see *schumannianum*. May have been compared to *Oerstedella schumanniana* (?). ex Panama, cf. *Oerstedella pseudoschumanniana*.

pseudoschumannianum: as last entry. cf. *Epidendrum pseudoschumannianum*. syn. *Oerstedella pseudoschumanniana*.

pseudoscolopax: see *pseud-*+ see *scolopax*. May have been compared to *Ophrys scolopax* (?). cf. *Ophrys* x *pseudoscolopax*. syn. *O. x minuticauda*.

pseudoserrulatum: *pseud-*+ see *serrulate*. Noted as compared to *Bulbophyllum serrulatum*. cf. *Bulbophyllum pseudoserrulatum*.

pseudospeculum: *pseud-*+ see *speculum*. cf. *Ophrys pseudospeculum*. syn. *O. lutea*.

pseudospruneri: *pseud-*+ see *spruneri*. May have been compared to *Ophrys spruneri* (?). cf. *Ophrys* x *pseudospruneri* Soó 1929.

Pseudostelis: Schltr.1922: see *pseud-*+ *Stelis*. syn. *Pleurothallis* R.Br.
pseudostellata: *pseud-*+ see *stellate*. cf. *Eria pseudostellata*.
pseudostylites: *pseud-*+ see *stylites*. cf. *Habenaria pseudostylites*. syn. *H. hamata*.
pseudotenella: as *pseudotenellum*. cf. *Ceraia pseudotenella*. syn. *Dendrobium pseudotenellum*.
pseudotenellum: *pseud-*+ see *tenella*. Noted as compared to *Dendrobium tenellum*. cf. *Dendrobium pseudotenellum*.
pseudotenuifolia: see *pseud-*+ slender + leaf. More likely, was compared to *Luisia tenuifolia* (?). cf. *Luisia pseudotenuifolia*. syn. *L. tenuifolia*.
pseudotokai: see *pseud-*+ see *tokai*. Noted as compared to *Dendrobium tokai*. cf. *Dendrobium pseudotokai* Kraenzl. syn. *Dendrobium macranthum*.
pseudotraunsteineri: *pseud-*+ see *traunsteineri*. Noted as possibly compared to *Dactylorhiza traunsteineri*. cf. *Orchis* x *pseudotraunsteineri* Fuchs 1919. syn. *Dactylorhiza* x *aschersoniana*.
pseudotrias: *pseud-*+ see *Trias*. cf. *Bulbophyllum pseudotrias*.
pseudoumbellata: see *pseud-*+ *umbellata*. Noted it was compared to *Cadetia umbellata*. cf. *Cadetia pseudoumbellata*. syn. *Cadetia umbellata*.
pseudoumbellatum: see *pseud-*+ *umbellatum*. Noted as compared to *Dendrobium umbellatum*. cf. *D. pseudo-umbellatum*. syn. *Cadetia umbellata*.
pseudounguiculata: *pseud-*+ see *unguiculate*. Or, may have been compared to *Sigmatostalix unguiculata* (?). cf. *Sigmatostalix pseudounguiculata*.
Pseudovanilla: Garay 1986: *pseud-*+ see *Vanilla*. eg. *Pseudovanilla foliata*. Noted as endemic to Aust. More info., see *Galeola*.
pseudovirens: see *pseudo-*+ *virens*: greening; green. cf. *Cymbidium pseudovirens*. syn. *Cymbidium goeringii*.
pseudowallisii: *pseud-*+ see *wallisii*. Noted as compared to *Oerstedella wallisii*. cf. *Oerstedella pseudowallisii*. syn. *Oerstedella wallisii* (Rchb.f.) Hágsater 1981.
pseudoxypterum: see *pseud-*+ see *oxypterum* (sharp + wing). cf. *Bulbophyllum injoloense* ssp. *pseudoxypterum*.
psichion: listed as the dimin. (small, etc.) of *psix*: crumb; morsel; bit. cf. *Pleurothallis psichion*.
psil-, *psilo-*: used in compwds., ref. *psilos*: smooth; mere; bald; bare; glabrous, etc. + See *psilate*.
psilantha: see *psil-*+ flower. cf. *Phalaenopsis psilantha*. syn. *P. amboinensis* J.J.Sm.1911.
psilanthemum: see *psil-*+ ref. *anthemon*: flower. cf. *Epidendrum psilanthemum*. syn. *Epidendrum purpurascens*.
Psilanthemum: Klotzsch ex Stein 1892: see *psil-*+ ref. *anthemon*: flower. syn. *Epidendrum*.
Psilanthemum: as last entry.= *Epidendrum* section.
psilate: totally smooth and bare. + See glabrous.
psiloceras: see *psil-*+ horn. cf. *Habenaria gabonensis* var. *psiloceras*.
Psilochilus: Barb.Rodr.1881: see *psil-*+ lip. ex Venezuela, eg. *Psilochilus modestus*.
psiloglottis: see *psil-*+ tongue. cf. *Thrixspermum psiloglottis*.
psilorhopalon: smooth + club(s). Ref. the paleae at the petal stumps. cf. *Bulbophyllum psilorhopalon*.

psilosepala: smooth + sepal. cf. *Gomphichis psilosepala*. syn. *G. viscosa*.

psittac-, *psittaco*, etc.: used in combwds., ref. *psittacus*, *psittakos*: parrot. Can be to do with the bird, or colours. See *psittaceus*, *psittacinus*, *psittaglossa*.

psittaceus: ref. *psittakos*: parrot + suffix: like, etc. + Can be a vague colour term, mostly taken as: a bright green.

psittacina: see *psittac-*+*-ina* (+ see *psittacinus*). cf. *Dracula psittacina*.

psittacinum: see *psittacinus*. cf. *Oncidium psittacinum*. syn. *Oncidium maculatum*.

psittacinus: descwd., parrot + see *-ina*: like, or for the colour association. Mostly refs. to having multiple colours, like a parrot: green + other bright colours.

psittacoglossa: parrot + tongue. Reported as not the for colours, the labellum was likened to a parrot's. cf. *Phyllorkis psittacoglossa*. syn. *Bulbophyllum psittacoglossum*.

psittacoglossum: see *psittacoglossa*. cf. *Bulbophyllum psittacoglossum*.

Psittacoglossum: Lex.1825: see *psittac-*+ tongue. syn. *Maxillaria* Ruiz & Pav.

psittacoides: see *psittac-*+ resembling. cf. *Bulbophyllum psittacoides*. syn. *Bulbophyllum gracillimum*.

psix: crumb; morsel; bit. cf. *Platystele psix*.

psomion: ref. *psomos* + dimin.: small morsel; little bit. cf. *Lepanthes psomion*.

Psyche: a separate entry, as there are many refs. to this character. ex Gk. and Roman myth., Psyche: usually depicted as a beautiful young lady with huge, magnificent butterfly wings. She married Cupid and was made immortal by Jupiter. Refs. to Psyche, usually allude to her beautiful wings, or as a butterfly, or can simply be to express "beauty".

psyche: see Psyche. cf. *Dendrobium psyche*. syn. *D. macrophyllum*. Pers.coll. ex PM.PNG., see *macrophyllum*.

Psychechilos: Breda 1827: butterfly + lip. syn. *Zeuxine* Lindl.

Psychechilus: Breda 1827: see Psyche + lip. eg. *Psychechilus gracile*. syn. *Zeuxine gracilis*.

Psychilis: Raf.1838: see Psyche + relative to. ex the Caribbean region, eg. *Psychilis bifida*.

psychodes: butterfly + resembling. cf. *Habenaria psychodes*. syn. *Platanthera peramoena*.

psychoon: butterfly +*-oon* (see *-on*): an emphatic suffix. cf. *Bulbophyllum psychoon*.

Psychopsiella: Lückel & Braem 1982: see Psyche + appearance + dimin.: looks like a small butterfly. Noted as monotypic in Venezuela.

Psychopsis: Raf.1838: see Psyche + appearance. syn. *Oncidium* Sw.

psychophila: see psychrophile. cf. *Dactylorhiza psychophila*.

psychrophile: is a correct Eng. word (and my usually trusty, favourite dictionary doesn't even list it). Ref. *psychros*: cold + see *-phila*: loves. One which thrives in very cold climates.

psychrophilum: see psychrophile. cf. *Pedilochilus psychrophilum*. Listed as endemic to New Guinea (so, has to be an inference to a montane habitat).

psycodes: see Psyche + resembling. cf. *Platanthera psycodes*.

Psygmorphis: Dodson & Dressler 1972: ref. *psygma*: a fan + orchid. The plant appearance was likened to an open fan. eg. *Psygmorphis pusilla*. syn. *Erycina pusilla*.

pter-, *ptero-*, *-pterum*, etc.: used in compwds., ref. *pteron*, *pteryx*: wing; feather. Mostly: wing; wings; of wings; wing-like; winged.+ Ref. *pterygos*: wing, + *pterygion*: small wing. + See, wing.

pteracarpa: wing + fruit (capsule).+ See wing. cf. *Sophronitis pteracarpa*.

Pterichis: Lindley 1840: could be wing + like, but also ref. *pteris*: a fern + suffix: like (?). ex Peru and Ecuador, eg. *Pterichis parvifolia*.

pterichoides: see *Pterichis* + resembling. cf. *Fuertesella pterichoides* Schltr.1913. Noted as monotypic ex Cuba to Hispaniola.

pteridology: often seen in general discussions. Ref. *pteridos*: a kind of fern + ref. *logos*: a discourse. A branch of botany, dealing with ferns (+ see fern).

pteridophyte: fern + like + plant. Any of a group of flowerless and seedless plants. + See fern, cryptogam, *pteridology*.

pteriphilum: fern + loves. Noted it grows in a close association to the fern, *Leucanoptera camosa*. cf. *Dendrochilum pteriphilum*. syn. *Dendrochilum pallidiflavens*.

pteristylodes: wing + column + resembling. cf. *Prescottia pteristylodes*. syn. *Altensteinia marginata*.

Ptero-Cadetia: wing + *Cadetia*. Ref. the winged capsule (+ see wing). *Cadetia* section.

ptcerocarpa: wing + fruit (capsule).+ See wing. cf. *Maxillaria pterocarpa*.

pterocarpum: as *pterocarpa*. cf. *Dendrobium pterocarpum*.

pteroaulis: wing + stem; stalk. cf. *Pleurothallis pterocaulis*. syn. *Pleurothallis decipiens*.

Pteroceras: Hasselt ex Hassk.1842: wing + horn(s). Has two wing-like appendages, likened to horns (*-ceras*), at the base of the lip. ex Borneo, eg. *Pteroceras fragrans*.

Pterochilus: Hook.& Arn.1832: wing + lip. syn. *Malaxis* Sol.ex Sw.

Pteroglossa: Schltr.1920: wing + tongue. ex Argentina, eg. *Pteroglossa regia*.

pteroglossa: wing + tongue. Doesn't look like a wing, or feather, but the very mobile lip flutters rapidly with the slightest air movement. cf. *Masdevallia wagneriana* var.*pteroglossa*.

Pteroglossaspis: Rchb.f.1878: wing + tongue + shield. Has wings on the column, which is likened to a shield, joining the base of the lip. eg. *Pteroglossaspis eustachya*. syn. *Eulophia eustachya*.

pteroglossum: wing + tongue. cf. *Bulbophyllum pteroglossum*. syn. *B. monanthum*.

pteroglotta: wing + tongue (?, see *-glotta*, can also be: windpipe; throat). cf. *Epiblastus pteroglotta*.

pteroglottis: as *pteroglotta*. cf. *Epidendrum pteroglottis*.

pterygyne: wing + woman. Ref. the stigma area. cf. *Dendrochilum pterygyne*.

pteropetala: wing + petal(s?), and/or *-petala* (see *-petalo-*) could be broad; wide, etc. cf. *Glomera pteropetala*.

ptero-phora: wing + bearing. cf. *Microtatorchis pterophora*.

ptero-phyllum: wing + leaf. cf. *Angraecum pterophyllum*.

ptero-pogon: wing + beard. cf. *Lepanthes pteropogon*.

ptero-rachis: wing + see *rachis*. cf. *Oberonia pterorachis*. syn. *O. caulescens*.

ptero-sperma: wing + seed. cf. *Galeola pterosperma*. syn. *G. nudifolia*

ptero-stele: wing + see *stèle*: pillar; column. cf. *Stelis pterostele*.

Pterostemma: Kraenzl.1899: wing + ref. *stemma*: wreath; crown; garland. Reported to be for the equitant leaves giving the plant a wing-like appearance. Noted as monotypic in Colombia, cf. *Pterostemma antioquiense*.

Pterostylideae: *Pterostylis* + suffix denotes it's a tribe.

Pterostylidinae: *Pterostylis* + suffix denotes it's a subtribe.

Pterostylis: R.Br.1810: wing + see style: column. The column has lateral appendages, likened to wings. eg. *Pterostylis calceolus*. Noted as endemic to NSW., Aust.

pterostylis: wing + see style: column. cf. *Stelis pterostylis*. syn. *S. biserrula*.

pterostyloides: wing + column + resembling. cf. *Altensteinia pterostyloides*. syn. *A. marginata*.

pterygantha: ref. *pterygos*: wing + flower. cf. *Pelexia pterygantha*.

pteryganthum: as *pterygantha*. cf. *Pachygenium pteryganthum*. syn. *Pelexia pterygantha*.

pterygion: small wing. cf. *Lepanthes pterygion*.

pterygiophora: small wing + bearing. cf. *Masdevallia pterygiophora*.

Pterygodium: Sw.1800: wing + like + dimin., or characteristic of (?). ex Sth. Africa, eg.

Pterygodium acutifolium.

pterygoid: ref. *pterygoeides*: wing-like. + Ref. *pteryx*, *pterygos*: wing; *pterygion*: small wing.

Pterypodium: Rchb.f. 1867: wing + small foot. syn. *Pterygodium* Sw.

Ptychochilus: Benth.1881, see *Ptychochilus*. syn. *Tropidia* Lindl.

ptilo-: ref. *ptilon*. Many sources differ with an explanation, so can be: leaf; quill; wing; down; feather, etc. + Ref. *ptilos*: the indumentum, or plumage (of a bird) and *ptilotos*: having wings, or feathers.

Ptilocnema: D.Don 1825: see. *ptilo-* from these I'd use "quill" +*-cnema*, ref. *knemis*: leggings, as (like) leg-armour. Ref. the inflo., the bracts being likened to greaves (for shin protection). ex Nepal, eg. *Ptilocnema bracteatum*. syn. *Pholidota imbricata*. Pers.coll., very common ex PM.PNG. It does have a very wide distribution, noted as ex trop. and sub-tropical Asia, to Aust. and s.west Pacific islands.

ptiloglossum: see *ptilo-*+ tongue. cf. *Bulbophyllum ptiloglossum*.

ptilotes: ref. Eng. *ptilosis* (or *pterylosis*): in ornithology; the way bird's feathers are arranged and overlap. One ref. says, *ptilotes*: overlapping. Ref. *ptilon*: quill; feather, etc. + suffix: the feature (?). Or, ref. *ptilotos*: feathered; winged. cf. *Bulbophyllum ptilotes*.

ptychantyx: ref. *ptychos*: fold +*-antyx*: margin; edge. Ref. the labellum. cf. *Bulbophyllum ptychantyx*.

Ptychochilus: Schauer 1843: ref. *ptychos*: fold + lip. The lip envelops the column. syn. *Tropidia* Lindl.

Ptychogyne: Pfitzer 1907: fold + woman. A large sigmoid fold conceals most of the stigma (the "woman": fem. organ of the column). syn. *Coelogyne* Lindl.

Ptychogyne: as last entry.= *Coelogyne* section.

ptychophora: fold + bearing. cf. *Pleurothallis ptychophora*.

ptyxis: ref. *ptyx*: pleat; fold; plate; layer. cf. *Lepanthes ptyxis*.

pube-, *pubi-*: used in compwds., ref. *pubes*, *pubis*: down; like short, very soft fine hair. Can also infer: coming into, or of maturity (ref. *pubes*: mature).

pubens: can be the same as pubescent. Or, has come into maturity. cf. *Stenorrhynchos pubens*. syn. *Dichromanthus aurantiacus*.
puber: downy, or mature (?).+ See *pube-*. cf. *Palmorchis puber*.
pubera: as *puber* + of. cf. *Neottia pubera*. syn. *Ponthieva racemosa*.
puberiflora: downy + flower. cf. *Spathoglottis papuana* var. *puberiflora*.
puberilingue: downy + tongue. Was listed as such, but is probably an error for *puberulilingue*. cf. *Dendrobium puberilingue* (? Is not officially listed).
puberula: see *puberulous*. Ref. the finely pubescent lip. cf. *Corysanthes puberula*. syn. *Corybas puberulus*.
puberulent: see *pubescent* + dimin.: finely pubescent.
puberulilingue: *puberulent* + tongue. cf. *Dendrobium puberulilingue*.
puberulilinguis: as *puberulilingue*. cf. *Ceraia puberulilinguis*. syn. *Dendrobium puberulilingue*.
puberulosum: see *puberulous*. cf. *Epidendrum puberulosum*.
puberulous: ref. *puberulus*: finely, slightly, or minutely pubescent. + See *pube-*, *pubescent*.
puberulum: see *puberulous*. cf. *Bulbophyllum puberulum*. syn. *B. flavescens*.
puberulus: see *puberulous*. Ref. the sepals. cf. *Cystopus puberulus*. syn. *Pristiglottis puberula*.
puberum: hairy; downy. Or, mature, see *pube-*. cf. *Oncidium puberum*. syn. *O. pubes*.
pubes: see *pube-*. cf. *Oncidium pubes*.
pubescens: see *pubescent*. cf. *Polystachya pubescens*.
pubescent: having short, soft, very fine hair. + Can be: hairy; likened to down; downy.
pubescentis: see *pubescent*. cf. *Palmorchis pubescentis*.
pubicallosa: downy; hairy + see *callose*. cf. *Malaxis pubicallosa*.
pubicallosum: as *pubicallosa*. cf. *Crepidium pubicallosum*. syn. *Malaxis pubicallosa*.
pubicarpum: downy (? see *pube-*) + fruit (capsule). cf. *Taeniophyllum pubicarpum*.
pubicaulis: downy + stem; stalk. cf. *Lyroglossa pubicaulis*.
pubicentrum: downy + spur. cf. *Galeandra pubicentrum*.
pubidens: downy + tooth (toothed?). cf. *Habenaria pubidens*.
pubiflora: downy + flower. cf. *Plocoglottis pubiflora*.
pubiflorum: downy + flower. cf. *Bulbophyllum pubiflorum*.
pubigera: downy + bearing. cf. *Bifrenaria harrisoniae* var. *pubigera*. syn. *B. harrisoniae*.
pubilabia: downy + lip. cf. *Maxillaria pubilabia*. syn. *M. ringens*.
pubilabiata: downy + see *labiate*: lipped. cf. *Gastrodia pubilabiata*.
pubipetala: downy + petals. cf. *Habenaria pubipetala*.
pubirachys: downy + see *rachis*: flower stem part. cf. *Bulbophyllum pubirachys*.
pubirhachis: as *pubirachys*. cf. *Campylocentrum pubirhachis*.
puck: can only presume this is for Puck (Robin Goodfellow), a mischievous sprite in William Shakespeare's play, "A Midsummer Night's Dream". May be an allusion to a "fairy", see dryad, etc. ex Bolivia, cf. *Lepanthes puck* Luer & R. Vasquez 1983.
pucunoense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum pucunoense* Hágsater & Dodson 2001.

pudens: see *pudorina*, *pudica*. Possibly is similar to Eng., prudish (?). cf. *Stelis pudens*.
pudica: ref. *pudicus*: modest; coy; bashful; chaste. cf. *Eria pudica*.
pudicum: as *pudica*. cf. *Epidendrum pudicum*.
pudorina: ref. *pudor*, *pudoris*: shame; shyness + see -*ina*. cf. *Polystachya pudorina*.
puertoricensis: from Puerto Rico. cf. *Leochilus puertoricensis* M.W.Chase 1986.
pugeensis: from Puge, a minor city of Sichuan Prov., China. cf. *Orchis pugeensis* K.Y.Lang 1987 (syn.).
pugilanthum: *pugil-*, listed as a contraction of *pugillaris*: of a fist, + flower. Noted the flower was likened to a clenched fist. cf. *Bulbophyllum pugilanthum*.
pugionifera: dagger + bearing. cf. *Platanthera pugionifera*.
pugionifolia: ref. *pugionis*: dagger + leaf. cf. *Herminium pugionifolia*.
pugionifolium: as *pugionifolia*. cf. *Thrixspermum pugionifolium*.
pugionifolius: as *pugionifolia*. cf. *Sarcochilus pugionifolius*. syn. *Thrixspermum pugionifolium*.
pugioniforme: dagger + shape. Ref. the leaves. cf. *Dendrobium pugioniforme*. Noted as endemic to eastn. Aust.
pugioniformis: dagger + shape. cf. *Ceratostylis pugioniformis*.
pugiunculi: ref. *pugio* + -*unculus*: of a small dagger. cf. *Stelis pugiunculi*. syn. *S. biserrula*.
pugliana: from Puglia, now Apulia (region), s.east Italy. cf. *Ophrys* x *pugliana* H.Baumann & Künkele 1986.
puguahaanense: listed for place name: from Puguahaan (village), Leyte Island, Philipp. cf. *Bulbophyllum puguahaanense* Ames 1915.
puguahaanensis: as *puguahaanense*. cf. *Eria puguahaanensis* Ames 1915.
pulae: of Pula, a s.west coastal city of Istria Peninsula, Croatia. cf. *Serapias* x *pulae* Perko 1998.
pulchella: ref. *pulcher*: beautiful; handsome, etc.+ dimin. cf. *Pterostylis pulchella*. Noted as endemic to NSW., Aust.
pulchellum: as *pulchella*. cf. *Dipodium pulchellum*. Noted as endemic to Qld., Aust.
pulchellus: as *pulchella*. cf. *Leochilus pulchellus*.
pulcher: beautiful, etc. cf. *Phaius pulcher*. syn. *Gastrorchis pulchra*.
pulcherrima: beautiful + emphasis: very; absolutely, etc. Especially refs. to the leaves. One of the more beautiful "jewel orchids" (see "J"). cf. *Macodes pulcherrima*.
pulcherrimum: very beautiful. cf. *Dendrobium kingianum* var. *pulcherrimum*. Noted as endemic to NSW., Aust.
pulcherrimus: very beautiful. cf. *Thelychiton pulcherrimus*. syn. *Dendrobium kingianum* var. *pulcherrimum*.
pulchra: ref. *pulchrum*: beauty; excellence, etc. cf. *Oeceoclades pulchra*. Pers.coll., only ever found it the once near Rigo, PM.PNG.
pulchrebracteata: beautifully + bracted. cf. *Oberonia pulchrebracteata*. syn. *O. rufilabris*.
pulchrum: as *pulchra*. cf. *Dendrobium pulchrum*. syn. *D. macrophyllum*. Pers.coll. ex PM.PNG.
pulex: a flea. cf. *Masdevallia pulex*. syn. *Pleurothallis macroblepharis*.
pulla: ref. *pullus*: dark; grey; mournful. cf. *Stanhopea pulla*.

pulleanum: belonging to Pulle. Listed for orig.coll., Prof. August Adriaan Pulle (1878-1955), a Dutch biologist and naturalist (+ a phytologist ?, see *versteegianum*). Was with an expedition to Mt. Wilhelmina 1912-'13. cf. *Dendrobium pulleanum* J.J.Sm. Noted as endemic to Papua, Indon.

pullei: see *pulleanum*. ex New Guinea, cf. *Glomera pullei* J.J.Sm. 1914.

pullulans: ref. *pullus*: very dark; blackish + suffix: blackening; darkening. cf. *Cyrtorchilum pullulans*. syn. *Cyrtorchilum melanthes* (: dark + flower).

pulogense: one ref. lists this as: from Mt. Pulog, Luzon. Can only locate Pulog village, n. west Luzon, Philipp.(?). cf. *Dendrochilum pulogense* Ames 1909.

pulpiguera: this may be an error, or misunderstanding for *palpigera* (?). However, ref. *pulpa*: pulp; flesh + *-guera*: wheel; circle. cf. *Duboisreymondia pulpiguera*. syn. *Myoxanthus reymondii*.

pulveraceus: descwd., ref. *pulveris*: dust + *-acea*: like, etc.: powdery; dust-like.

pulvereus: descwd., ref. *pulveris*: dust. Of dust; dusty.

pulverula: dust + dimin.: fine dust (or finely dusted?). cf. *Coelogyne pulverula*.

pulverulenta: *pulveris* + suffix: abundantly dusted. cf. *Coelogyne pulverulenta*.

pulvilliferum: ref. *pulvinus*: a cushion; pad + dimin. + bearing. Ref. labellum mid-lobe. cf. *Diplocaulobium pulvilliferum*.

pulvinare: ref. *pulvinus*: a cushion; pad + *-are*: having; relative to, etc. cf. *Scaphosepalum pulvinare*. + See next entry.

pulvinaris: you may question this, as it's listed to be the one word: a seat of honour, like a throne. But here, it was noted to be the same as *pulvinare*. cf. *Bollea pulvinaris*.

pulvinata: see *pulvinate*. cf. *Pleurothallis pulvinata*. syn. *Myoxanthus pulvinatus*.

pulvinate: ref. *pulvinus*: a cushion; pillow; pad + suffix: like, or having a small cushion-like lump, or lumps. Can be comprised of calli, hairs, papillae, crowded together and likened to a pad, pillow, etc. + See *pulvinus*.

pulvinatum: see *pulvinate*. Ref. the lip, has many minute papillae. cf. *Dendrobium pulvinatum*.

pulvinatus: see *pulvinate*. cf. *Ascochilus pulvinatus*. syn. *Thrixspermum merguense*.

pulvinifer: as *pulvinifera*. cf. *Sarcochilus pulvinifer*. syn. *Grosourdia pulvinifera*.

pulvinifera: see *pulvinate*, *pulvinus* + bearing. cf. *Cranichis pulvinifera*.

pulvinipes: see *pulvinate*, *pulvinus* + foot. cf. *Pleurothallis pulvinipes*. syn. *P. macrocardia*.

pulvinus: descwd., (like) a cushion; pillow; pad. A pad-like swelling at the point of attachment with the axis. + See *pulvinate*.

pulvis: descwd., ref. *pulvis*: dust. Dusty, + see *pulveraceus*.

pumila: ref. *pumilus*, has many connotations to being "short". Dwarf; low; small; short; low-growing, etc. cf. *Caladenia pumila*. Noted as endemic to Vic., Aust.

pumilio: lit., dwarf; midget. cf. *Bulbophyllum pumilio*.

pumiloides: dwarf + resembling. Or, may have been compared to *Habenaria pumila* (?). cf. *Habenaria pumiloides*.

pumilum: as *pumila*. cf. *Bulbophyllum pumilum*. syn. *Genyorchis pumila*.

pumilus: as *pumila*. cf. *Anoectochilus pumilus*. syn. *Myrmechis pumila*.

punamense: for place name: from Punam (village), east coast New Ireland, PNG. cf.

Dendrobium punamense Schltr.1905.

punamensis as *punamense*. cf. *Oberonia punamensis* Schltr.1905.

punctata: see *punctate*. cf. *Diuris punctata*. Noted as endemic to Aust.

punctate: ref., *punctatus*: dotted; pricked; having very small dots scattered over the surface. Often, they are of another colour.

punctatiflora: dotted + flower. cf. *Pleurothallis punctatiflora*.

punctatifolia: dotted + leaf. cf. *Trichosalpinx punctatifolia*.

punctatissima: dotted + emphasis: very, etc. cf. *Cattleya intermedia* var. *punctatissima*. syn. *Cattleya intermedia*.

punctatissimum: as *punctatissima*. cf. *Bulbophyllum punctatissimum*. syn. *B. taeniophyllum*.

punctatum: see *punctate*. cf. *Dipodium punctatum*. syn. *D. squamatum*. + See notes at *Dipodium*.

punctatus: see *punctate*. cf. *Myoxanthus punctatus*.

puncticulata: minutely dotted. cf. *Ceratostylis puncticulata*.

puncticulatus: minutely dotted. cf. *Gastrochilus puncticulatus*.

puncticulosa: *punctum* + dimin.+*-osa*: full of, or having many small dots (on the flowers). cf. *Flickingeria puncticulosa*.

puncticulosum: as *puncticulosa*. cf. *Dendrobium puncticulosum*. syn. *Flickingeria puncticulosa*.

punctifera: dots + bearing. cf. *Prosthechea punctifera*.

punctiferum: dots + bearing. cf. *Epidendrum punctiferum*. syn. *Prosthechea punctifera*.

punctilabris: dotted + lip, or see *labrum*: edge, etc.(?). cf. *Liparis punctilabris*.

punctostriata: ref. *punctum* + see *striate*: like, or having dotted lines. cf. *Maxillaria punctostriata*. syn. *Maxillaria cucullata*.

punctulata: see *punctulate*. cf. *Coelogyne punctulata*.

punctulate: see *punctate* with an added dimin.: finely, or minutely dotted, or pricked.

punctulatum: see *punctulate*. cf. *Epidendrum punctulatum*. syn. *Encyclia concolor*.

punctulatus: see *punctulate*. cf. *Physosiphon punctulatus*.

punctum: descwd.: a dot; small spot. Can be: a minute hole, like a single dot of a perforation. Pricked; pierced; dotted.

pungens: pricking. Ref. the sharply pointed leaf, or could be for the perfume (?), see next entry. cf. *Bulbophyllum pungens*.

pungens: descwd., ref. *pungere*: to prick. Pricking; piercing; terminating in a hard sharp point. Also as *pungent*: a sharp, acrid, unpleasant smell (: pricking inside the nostrils).

pungentifolium: see *pungens*: sharp point + leaf. cf. *Dendrobium pungentifolium*. syn. *Dendrobium pugioniforme* (: dagger + shape).

punicea: see *puniceus*. cf. *Alamania punicea*.

puniceum: see *puniceus*. cf. *Dendrobium puniceum*. syn. *D. rutiferum*.

puniceus: a vague colour term: a slightly purplish-red. Reported as ex *punicum*: a pomegranate.

punoensis: from Puno, listed as ex Peru. For Puno city, of Puno Department, or the village in Ica Department (?). cf. *Notylia punoensis* D.E.Benn.& Christenson.

puntjakense: this species was listed as: from "Poentjak, west Java, Indon." Noted two other places that could apply, both in Papua, Indon. and both are mtn. peaks. Ref. Puntjak Carstensz (*Puncak Jaya*) of Gunung Lorentz N.Park and Puntjak Wilhelmina (*Puncak Trikora*) of Maoke Mtns. (?). cf. *Bulbophyllum puntjakense* J.J.Sm.1907.

pupplingensis: from Puppling, a town of Bavaria, Germany. cf. *Epipactis* x *pupplingensis* K.P.Bell 1970.

puraceense: for place name: from Puracé (a town), and/or (nearby) from the *Parque Nacional Puracé* (N.Park), Cauca, Colombia. cf. *Brachionidium puraceense* Luer 1995.

purdieana: belonging to Purdie. Listed for orig.coll., Alexander Purdie (1859-1905). Born in Scotland, was raised and educated in NZ. and later became a metallurgical chemist at Bendigo, Vic., Aust. Then moved to Perth, West.Aust. as a Director of Technical Education and continued his enthusiastic collecting of local flora. cf. *Caladenia purdieana* Andrews 1902. syn. *Caladenia marginata*. Endemic to West.Aust.

purdiei: as *purdieana*. cf. *Diuris purdiei* Diels 1899. Noted as endemic to West.Aust.

purissimum: ref. *purus*: pure; clean + emphasis: very, etc. cf. *Dendrobium purissimum*. syn. *Dendrobium lacteum*.

purple: an English colour term. Is often used loosely as can be of many shades. When used in combwds., of Lat.: *purpur-*, *purpureo-*; and Gk.: *porphyr-*, *porphyro-*.+ There are many other words used to describe "purple", eg., *ostrinus*, *muricatus*, etc.

purpur-, *purpureo-*: used in compwds., see purple, *purpureus*.

purpura: descwd.. Some refs. say it is simply, "purple". Others: having purple areas, or blotches. I did some reading and it can also mean: dyed (with purple). In ancient times, *purpura* was the name of a kind of marine mollusc from which a rich purplish dye was extracted (+ see muricate, has the same background, as coming from shell-fish). The dye itself, was also called: *purpura*.

purpurachyla: purple + lip. cf. *Encyclia purpurachyla*. syn. *E. gallopavina*.

purpurachylum: purple + lip. cf. *Epidendrum purpurachylum*. syn. *Encyclia gallopavina*.

purpurascens: descwd., + can be a colour term: purple + suffix: tending to, or becoming purple. + Can be: a paler purple. Also see *purpureus*, which is a deeper shade.

purpurascens: see last entry. Refs. to the leaves. cf. *Erythroides purpurascens*.

purpurata: see purple, *purpura* + suffix: having; like, etc. Can be: dyed (with purple), and sometimes defined as: clothed, or dressed in purple. cf. *Thelymitra purpurata*. Noted as endemic to eastn. Aust.

purpuratum: as *purpurata*. cf. *Paphiopedilum purpuratum*.

purpuratus: as *purpurata*. Ref. the column. cf. *Schistotylus purpuratus*. Noted as monotypic and endemic to NSW., Aust.

purpurea: see *purpureus*. cf. *Ceratostylis purpurea*. Noted as endemic to Papua, Indon.

purpureiflora: purple + flower. cf. *Malaxis purpureiflora*.

purpureiflorum: purple + flower. ex the Philipp., cf. *Crepidium purpureiflorum*. syn. *Malaxis purpureiflora*.
purpureifolia: purple + leaf. cf. *Appendicula purpureifolia*.
purpureifolium: purple + leaf. cf. *Bulbophyllum purpureifolium*.
purpureiocellata: purple + see ocellate: having a large spot, or “eye”. cf. *Octarrhena purpureiocellata*. Noted as endemic to PNG.
purpurella: purple + dimin.: purplish; slightly, or a lesser purple. See *purpurellus*. cf. *Masdevallia purpurella*.
purpurellum: as *purpurellus*. cf. *Bulbophyllum purpurellum*.
purpurellus: purple + dimin..A vague colour term: a paler purple; purplish. Not as deep as *purpureus*. + See *purpurascens*.
purpureoalba: purple + “white”. cf. *Polystachya purpureoalba*. syn. *P. gracilentia*.
purpureobracteata: purple + bracted. cf. *Polystachya purpureobracteata*.
purpureocentrum: purple + see -centrum: spur, or centre. Should be for the latter. cf. *Eria purpureocentrum*. syn. *E. robusta*.
purpureofusca: purple + dark brown. cf. *Thelymitra purpureofusca*. syn. *Thelymitra longifolia*. Noted as endemic to NZ.
purpureohiemale: purple + of winter (: has purple flowers, in the winter). cf. *Cymbidium kanran* var. *purpureohiemale*. syn. *Cymbidium kanran*.
purpureolabia: purple + lip. cf. *Maxillaria purpureolabia*.
purpureolabium: purple + lip. cf. *Ornithidium purpureolabium*. syn. *Maxillaria purpureolabia*.
purpureo-marginatum: purple + margined. cf. *Dendrobium macrophyllum* var. *purpureo-marginatum*.
purpureonervosa: purple + see *nervosus*: nerved (veined). cf. *Malaxis purpureonervosa*.
purpureonervosum: as *purpureonervosa*. cf. *Crepidium purpureonervosum*. syn. *Malaxis purpureonervosa*.
purpureopunctata: purple + dotted. cf. *Habenaria purpureopunctata*.
purpureorhachis: purple + see rachis: flower stem part. cf. *Bulbophyllum purpureorhachis*.
purpureostelidia: see *purpureostelidium*. cf. *Flickingeria purpureostelidia*.
purpureostelidium: purple + see stelidia. The column and stelidia are “purple”. cf. *Dendrobium purpureostelidium*. syn. *Flickingeria purpureostelidia*.
purpureostriata: purple + see striate. Ref. the striped lip. cf. *Cattleya labiata* var. *purpureostriata*. syn. *Cattleya labiata*.
purpureoviolacea: purple + see *violaceus*: violet coloured. cf. *Pleurothallis purpureoviolacea*.
purpureoviridis: purple + green. cf. *Liparis purpureoviridis*.
purpureum: see *purpureus*. cf. *Bulbophyllum purpureum*.
purpureus: a colour term. A general word for “purple”: a dull bluish-red. + See purple.
purpureus: purple, + see last entry. cf. *Elleanthus purpureus*.
purpurina: see *purpurinus*. cf. *Cattleya purpurina*. syn. *Cattleya amethystoglossa*.
purpurinus: listed as a vague colour term: purple + suffix: of the colour; like, etc. Noted as a paler shade of purple. + See *purpurascens*.

purpusii: for orig.coll., botanist Joseph Anton Purpus [+ of] (1860-1932). ex Mexico, cf. *Encyclia purpusii* Schltr.1925. syn. *E. nematocaulon*.

purpusiorum: belonging to Purpus, see *purpusii*. ex Mexico, cf. *Sarcoglottis purpusiorum* Schltr.1925. syn. *S. sceptrodes*.

purpusillum: ref. *purpusillus*: very insignificant (here, *pur-* is the same as *per-*: an emphasis). cf. *Saccolabium purpusillum*. syn. *Schoenorchis micrantha* (: small + flower).

puruantensis: for place name (+ from), listed as ex Imbabura Prov., Ecuador. Am unable to locate it, but in neighbouring Pichincha Prov.(not that far away), there's a village, Hacienda **Puruanta** (?). cf. *Telipogon puruantensis* Dodson & R.Escobar 1998.

purum: ref. *purus*: pure; clean. cf. *Epidendrum purum*.

purusara: Purús + of, or relative to. For place name, listed as ex Pará state, Brazil. cf. *Vanilla purusara* Barb.Rodr.ex Hoehne 1944. + See next entry.

purusense: from Purús (river). As this is listed to be ex Peru, it has to ref. to the area from where the Purús originates: the eastn. Peruvian Andes slopes (as most of the river is in Brazil). cf. *Catasetum purusense* D.E.Benn.& Christenson 1998.

-pus: used in compwds.: foot; footed. Most often refs. to the base of an organ, or part closest to the point of attachment. + Sometimes, can be an oblique ref. to a (human) foot.

pusilla: ref. *pusillus*: very small; petty; insignificant. cf. *Caladenia pusilla*. Noted as endemic to eastn. Aust.

Pusillae: (those being) very small.= *Octomeria* section *Octomeria* subsection *Pusillae*.

pusillum: as *pusilla*. cf. *Pedilochilus pusillum*.

pusillus: as *pusilla*. cf. *Oligochaetochilis pusillus*. syn. *Pterostylis pusilla*. Noted as endemic to sthn. Aust.

pusiola: a little girl + see next entry. cf. *Dryadella pusiola* (Rchb.f.) Luer 1978.

pusiolla: initially, for this entry, I said: this may be a spelling, or typ.error, as it trans. to: foot + earthenware jar; pot. Searched the (Latin) description for some basal part likened to the shape, to no avail. Perhaps it should be *pusiola*: a little girl, which works well with the genus, which is for a small fairy, etc. The book I was working from, listed it as *Dryadella pusiolla*, but have since learned that I'm right and from an official list, have noted it is *Dryadella pusiola*. If the discussion had explained the reason for the specep., then I would have noticed the error. Left this item in, just to show another of the problems I have encountered with my work. + See *pusiola* (prior entry).

pustula: descwd.: pimple; blister; small lump, or swelling. + Ref., Eng.: pustule.

pustulata: as *pustula* + like; having. cf. *Zygostates pustulata*.

pustulatum: see *pustula* + suffix: like; having. cf. *Bulbophyllum pustulatum*.

pustulatus: as *pustulatum*. cf. *Dipteranthus pustulatus*. syn. *Zygostates pustulata*.

pustulosa: see *pustulosus*. cf. *Coelogyne pustulosa* syn. *C. asperata*. Pers.coll., fairly common ex PM.PNG.

pustulosus: descwd., see *pustula* + *-osa*: a prominent (small) blister; full of, or with many small blisters, etc.

putative: ref. *putare*: to think.: Commonly thought; presumed; reputed; supposed. eg. Putative natural cross, ie. thought to be, but not an established fact.

puteum: ref. *puteus*: pit; well; (small) reservoir; cistern. cf. *Epidendrum puteum*.

putidocardiophyllum: rotten + heart + leaf (?). cf. *Epidendrum putidocardiophyllum*.

putidum: ref. *putidus*: rotten; fetid; putrid. Ref. the “perfume”. cf. *Bulbophyllum putidum*.

Of interest see *ornamentissimum*.

putii: listed for Nai Put (+ of), a valued assistant and authoritative collector who worked with Dr.A.F.G.Kerr (see *kerrii*). ex Thailand, cf. *Bulbophyllum putii* Seidenf.1979.

putumayensis: as *putumayoense*. cf. *Sigmatostalix putumayensis* P.Ortiz 1991.

putumayoense: for place name (+ from) ex Colombia. Ref. the Putumayo river, Putumayo Department, and/or Predio Putumayo (region) of s.west Colombia. cf. *Epidendrum putumayoense* Hágsater & L.Sánchez.

puyense: as *puyoense*. cf. *Campylocentrum puyense* Dodson 2003.

puyoense: for place name (+ from), only listed as ex Ecuador. Noted, Puyo city, Pastaza Prov. and Puyo village of Cañar Prov. cf. *Epidendrum puyoense* Hágsater & Dodson 2001.

pychnostachyum: ref. *pyknos*: thick; dense + see *stachy-*: spike. cf. *Dendrobium pychnostachyum*.

pycn-, *pycno-*: used in compwds., ref. *pyknos*: thick; dense. + Can be: closely packed; crowded together.

pycnantha: see *pycn-*+ flowers. cf. *Dactylorhiza pycnantha*. syn. *D. lapponica*.

pycnogenia: see *pycn-*+ kind; type; born. cf. *Lepanthes pycnogenia*.

pycnopterum: thick + wing. cf. *Cypripedium* x *pycnopterum* Rchb.f. Listed among the synonyms, without date, location, or “correct name”.

pycnostachya: see *pycn-*+ see *stachy-*: spike. *Habenaria pycnostachya*.

Pycnostachyae: see *pycn-*+ spikes + of.= *Dendrobium* section.

pycnostachys: see *pycn-*+ spike. cf. *Epipactis pycnostachys*. syn. *E. helleborine*.

pycnostachyum: see *pycn-*+ spike (raceme). cf. *Satyrium pycnostachyum*. syn. *S. nepalense* var.*ciliatum*.

pygmaea: see *pygmaeus*. cf. *Caladenia carnea* var.*pygmaea*. syn. *C. minor*.

Pygmaeae: see *pygmaeus* (: of habit). = *Masdevallia* subgenus *Amanda* section *Pygmaeae*.

Pygmaeorchis: Brade 1939: see *pygmaeus* + orchid. eg. *Pygmaeorchis brasiliensis*.

pygmaeum: see *pygmaeus*. cf. *Mediocalcar pygmaeum*.

pygmaeus: descwd.. Not restricted to our word “pygmy” and is a general word covering many connotations to being: little; small; short; low; dwarf, etc.

pygmaeus: as *pygmaeus*. cf. *Leochilus pygmaeus*.

pyknosepala: see *pycn-*+ sepal. cf. *Masdevallia pyknosepala*.

pyramidal: ref. *pyramis*, *pyramidos*. Likened to the shape of a pyramid, but for us, is mostly equiv. to: conical. eg. A pyramidal inflorescence.

pyramidale: of, or like a pyramid, + see *pyramidal*. cf. *Oncidium pyramidale*.

pyramidalis: as *pyramidale*. Alluding to the shape of the plant. cf. *Pterostylis pyramidalis*.

Noted as endemic to West.Aust.

pyrenaeensis: from the Pyrenees (mnts.), France. cf. *Gymnadenia x pyrenaeensis* W.Foelsche 1999.

pyrenaica: Lat'd. spelling for place name: belonging to the Pyrenees Mtns., France. cf.

Orchis pyrenaica Philippe 1859. syn. *Gymnadenia odoratissima*.

pyridion: I wanted to say: a small pear (see *pyriform*), but is reported as ref. *pyr*, *pyros*: fire + dimin.: small fire; a spark. For the flower (colours?). cf. *Bulbophyllum pyridion*.

pyriform: ref. *pyrum* (+ *pirum*): a pear + shape; form. For any organ, or part that could be alluded to being pear-shaped. + See *obpyriform*.

pyriforme: see *pyriform*. Refs. to the ovary (shape). cf. *Prasophyllum pyriforme* E.Coleman 1932. Noted as endemic to Vic., Aust.

pyriformis: see *pyriform*. cf. *Encyclia pyriformis*.

pyro-, *pyrrho-*: used in compwds., ref. *pyrrhos*: of fire; fire red; flame coloured. ie. With multiple variegated reds, orange and yellows, etc.

pyrophila: fire + loves. ex trop. Africa, cf. *Eulophia pyrophila*. Noted, it sometimes uses a bushfire to trigger the flowering process, dependent on the orchid being in the right place at the right time.

pyrophilus: as *pyrophila*. cf. *Lissochilus pyrophilus*. syn. *Eulophia pyrophila*.

pyropum: ref. *pyropus*: bronze. cf. *Dendrobium pyropum*. syn. *D. crocatum*.

Pyrorchis: D.L.Jones & M.A.Clem.1995, ref. *pyr-*: of fire + orchid. See notes at *nigricans*. ex sthn. Aust and NZ., eg. *Pyrorchis nigricans*.

pyrranthela: fire (-red) + ref. *anthele*: tuft; plume (like that of a of a rush, or reed). ex Vietnam, cf. *Pholidota pyrranthela*.

pyrrhotricha: see *pyrrho-*: fire red + ref. *trichos*: hair. cf. *Eria pyrrhotricha*. syn. *Trichotosia ferox*.

pyrsodes: ref. *pyrsos*: fire + resembling. cf. *Pleurothallis pyrsodes*. syn. *P. fulgens*.

pyrulifera: see *pyro-* + dimin.: small fire + bearing. Alluding to the raceme. cf. *Oberonia pyrulifera*.

pythagorae: haven't read on this one, but listed among locations is the eastn. Aegean island of Samos. Thought to be the birthplace of the famous mathematician and philosopher, Pythagorus (c580BC.-?), this may be the reason for the specep., as an oblique ref. to where it was found. Also in the s.east of the island, is the small town of Pithagórion (?). cf. *Dactylorhiza pythagorae* Golz & H.R.Reinhard 1992.

pyxidophorum: see *pyxis* (+ ref. *pyxidatus*: having, or like a lid?) + bearing. cf. *Oncidium pyxidophorum*.

pyxis: ref. *pyxis*, *pyxidis*: a small box with a lid, once used to store medicines, perfumes, toiletries, etc. cf. *Masdevallia pyxis*.

pyxos: lit., boxwood. cf. *Pleurothallis pyxos*. syn. *Trichosalpinx amygdalolora*.

q.e.d.: sometimes seen in discussions, is listed as an abbr. for Lat. phrase: *quod erat demonstrandum*: which was to be proved.

qiubeiense: listed for place name: from Qiubei, a town of s.east Yunnan Prov., China. cf. *Cymbidium qiubeiense* K.M.Feng & H.Li 1980.

quad-, *quadr-*, *quadri*: used in compwds., ref. *quatuor*: four. Having four; a group of four. + Can mean: more or less square (: having four sides).

quadrangular: ref. *quadrangularis*: having four angles, corners, or four (almost) equal sides.

quadrangulare: see quadrangular. Ref. the angular pseudobulbs. cf. *Bulbophyllum quadrangulare*.

quadrangularis: quadrangular. cf. *Coelogyne quadrangularis*.

quadrangulatum: quadrangular. cf. *Epidendrum quadrangulatum*.

quadrangulum: four + angle; corner. cf. *Bulbophyllum quadrangulum*.

quadrans: lit., a fourth part (: a quarter). Searched the description and line-drawings, for some clue to the specep., to no avail. Unless, it refs. to the petals, being so small, the author thought them to be only a quarter of the size they should be (?). cf. *Bulbophyllum quadrans*. syn. *Bulbophyllum octarrhenipetalum*.

quadrata: see quadrate. Ref. the shape of the labellum. cf. *Oberonia quadrata*.

quadrate: ref. *quadrus*: square + suffix, + ref. *quadratus*: squared. For us, doesn't have to be a perfect square. Appears to be more or less, square.

quadratiloba: as quadrate + lobe. cf. *Coelogyne quadratiloba*.

quadratum: see quadrate. Refs. to the labellum. cf. *Bulbophyllum quadratum*. syn. *B. savaiense* ssp. *subcubicum* (: almost cubic).

quadrialatum: see *quad-*+ winged. cf. *Dendrobium quadrialatum*. syn. *D. bracteosum*. Pers.coll. ex PM.PNG., see notes at *bracteosum*.

quadribullata: see *quad-*+ see bullate. cf. *Liparis quadribullata*.

quadricalloso: see *quad-*+ see callose: having calli, etc. cf. *Cleistes quadricalloso*.

quadricarinum: see *quad-*+ keels + like. cf. *Bulbophyllum quadricarinum*.

quadricaudata: see *quad-*+ tailed. cf. *Pleurothallis quadricaudata*.

quadricaudatum: see *quad-*+ caudate: tailed. cf. *Bulbophyllum quadricaudatum*.

quadrichaete: see *quad-*+ see *chaeta*, *chaeto-*. Ref. the tips of the sepals and lip, which extend into bristles. cf. *Bulbophyllum quadrichaete*.

quadricolor: see *quad-*+ colour. cf. *Ornithophora quadricolor*. syn. *O. radicans*.

quadricorne: see *quad-*+ horn. cf. *Oncidium quadricorne*. syn. *O. hians*.

quadricornis: four + horn(s). The hypochil has two short "horns" and the mesochil, two longer ones. ex Guatemala, cf. *Stanhopea quadricornis*.

quadricornu: see *quad-*+ horn(s). cf. *Cryptarrhena quadricornu*. syn. *C. guatemalensis*.

quadricornuta: four + horn-like; horned. cf. *Trichoglottis quadricornuta*. syn. *T. orchidea*.

quadricristata: see *quad-*+ crested. cf. *Pleurothallis quadricristata*.

quadridens: see *quad-*+ tooth; teeth. cf. *Malaxis quadridens*.

quadridentata: see *quad-*+ see dentate: toothed. Has four "teeth" on the lip. cf. *Malaxis quadridentata*.

quadridentatum: see *quad*-+ see *dentate*. cf. *Epidendrum quadridentatum*. syn. *Prosthechea grammatoglossa*.

quadrifalciculatum: freely trans.: having, or like four small sickles. cf. *Bulbophyllum quadrifalciculatum*.

quadrifaria: as *quadrifarium*. cf. *Caladenia quadrifaria*. Noted as endemic to s.east Aust.

quadrifarium: quadruple; folded, or multiplied four times. cf. *Bulbophyllum quadrifarium*.

quadrifarius: as *quadrifarium*. cf. *Petalochilus quadrifarius*. syn. *Caladenia quadrifaria*.

quadrifera: as *quadriferum*. cf. *Amblyanthe quadrifera*. syn. *Dendrobium quadriferum*.

quadriferum: see *quad*-+ bearing. Ref. the squarish labellum. Also noted, the column-foot has a depression, that is more or less square. cf. *Dendrobium quadriferum*.

quadrifida: see *quad*-+ see *-fid*: division, etc. cf. *Pleurothallis quadrifida*.

quadrifidum: as *quadrifida*. cf. *Dendrobium quadrifidum*. syn. *Pleurothallis quadrifida*.

quadrifila: four + threads. cf. *Habenaria quadrifila*. syn. *H. trilobulata*.

quadrifolia: see *quad*-+ leaves. cf. *Plocoglottis quadrifolia*.

quadrigenetic: of four genera. Of a hybrid, having parents of four different genera.

quadrifuga: has a complicated explanation, see *quad*- + see *jugosus*. cf. *Miltonia quadrifuga*. syn. *Miltonia russelliana*.

quadrilatera: four + sides (see *lateral*). The spike (inflorescence), of flowers, appears squarish. cf. *Oberonia quadrilatera*.

quadriloba: see *quad*-+ lobe(s). Ref. the lip. cf. *Malaxis quadriloba*.

quadrilobata: see *quad*-+ see *lobate*: lobed, etc. cf. *Earina quadrilobata*. syn. *E. mucronata*.

quadrilobatum: as *quadrilobata*. cf. *Dendrobium quadrilobatum*.

quadrilobum: see *quad*-+ lobe(s). cf. *Dendrobium quadrilobum*. syn. *Flickingeria quadriloba*.

quadrilobus: see *quad*-+ lobe(s). cf. *Lissochilus quadrilobus*. syn. *Oeceoclades quadriloba*.

quadrupetalum: four + petals. Or, see *-petalo-*, which is then: four + wide; broad, etc.(?). cf. *Oncidium quadrupetalum*. syn. *O. guttatum*.

quadruplicata: see *quad*-+ *plicate*: folded; pleated. cf. *Govenia quadruplicata*. syn. *G. liliacea*.

quadrupunctata: see *quad*-+ dotted. Ref. the obvious spots on the lip, sometimes having more than four. cf. *Orchis quadrupunctata*.

quadrifurcata: as *quadrifurcatum*. cf. *Cadetia quadrifurcata*.

quadrifurcatum: having four concave sides meeting in four angles. Four sided; four cornered. Listed as ref. to a pseudobulb in cross-section. cf. *Dendrobium quadrifurcatum*.

quadrifurcata: see *quad*-+ in rows; in succession + suffix: like; having. cf. *Caladenia carnea* var. *quadrifurcata*. syn. *Caladenia gracilis*. Noted as endemic to s.east Aust.

quadrifurcata: see *quad*-+ see *serrate*. cf. *Pleurothallis quadrifurcata*.

quadrifurcata: four + bristles. cf. *Phyllorkis quadrifurcata*. syn. *Bulbophyllum quadrifurcatum*.

quadrifurcatum: four + bristles. cf. *Bulbophyllum quadrifurcatum*.

quadrifurcata: see *quad*-+ see *spatulate*. cf. *Lepanthes quadrifurcata*.

quadrifurcatum: see *quad*-+ awled; awl-like. cf. *Bulbophyllum quadrifurcatum*.

quadrifurcatum: see *quad*-+ see *sulcate*: grooved, etc. cf. *Dendrobium quadrifurcatum* syn. *Dendrobium uniflorum*.

quandi: I had no chance of confirming this, even with the answer! To quote the authors: ref. Arabic, *quandi*: cane sugar candy, alluding to the fancied appearance of the flowers. (Luer & R.Escobar, AMOS. Bull. Vol. 53 No.9, Sept. 1964). cf. *Lepanthes quandi*.

quaquaversum: in all ways; in all directions. Ref. the roots. cf. *Taeniophyllum quaquaversum*.

quariemensis: for place name (+ from), only listed as ex Venezuela. cf. *Maxillaria quariemensis* Dunsterv.

quartiniana: listed for orig.coll., French botanist, Richard Quartin-Dillon (+ belonging to). ex Ethiopia, Africa, cf. *Eulophia quartiniana* A.Rich.1851. syn. *E. guineensis*.

quartinianum: as *quartiniana*. ex Eritrea to Uganda, cf. *Kryptostoma quartinianum* (A.Rich.) Szlach.1995. syn. *Habenaria quartiniana* A.Rich.1840.

quartinianus: as *quartiniana*. ex Ethiopia, cf. *Peristylus quartinianus* A.Rich.1840.

quartum: ref. *quartus*: (the) fourth; for the fourth time. cf. *Echioglossum quartum*. syn. *Cleisostoma javanicum*.

quartus: as *quartum*. cf. *Sarcanthus quartus*. syn. *Cleisostoma javanicum*.

quartzicola: quartz + dweller; resident (noted, quartz, is orig. ex German: *quarz*). Lives in quartziferous rock areas. cf. *Pleurothallis quartzicola*. syn. *Trichosalpinx montana*.

quartzite: was in a discussion of a terrestrial's habitat as: (of quartz) growing in quartzite soil. The soil contains a great deal of rocks, chips and dust of quartz. More info., read up on lithology, petrology and pedology (studies of stones, rocks and soils).

quasi:- ref. *quasi*: appearing to be; as if; like; apparently; reminiscent of; seeming, or seemingly, etc. Used in combwds., or may be seen in a Lat. description.

quasimodo: ref. Quasimodo: the first Sunday after Easter (first found on this day?). More likely alludes to Quasimodo, the main character of the novel "The Hunchback of Notre Dame" x Victor Marie Hugo 1831. Noted from the discussion, the flower has a hunched, unsightly appearance. cf. *Bulbophyllum quasimodo* J.J.Verm.1991.

quasipinifolium: see *quasi*:- as if; reminiscent (of); apparently + *pini*-, ref. *pinus*: pine (tree) + leaf. Alluding to the leaves likened to pine needles. cf. *Holcoglossum quasipinifolium*.

quasipinifolius: as *quasipinifolium*. cf. *Gastrochilus quasipinifolius*. syn. *G. formosanus*.

quaternaria: ref. *quaternarius*: having four; growing by fours; being a set of four. cf. *Lepanthes quaternaria*.

quatuorcristis: four + crest(s). cf. *Cynoches quatuorcristis*.

queenslandica: belonging to Queensland state. cf. *Eria queenslandica* T.E.Hunt 1947. Noted as endemic to Qld., Aust.

queenslandicum: as *queenslandica*. cf. *Bryobium queenslandicum* (T.E.Hunt) M.A.Clem.& D.L.Jones 2002. syn. *Eria queenslandica*.

queirogana: listed for a place name (Queiroga ? + belonging to) ex Rio de Janeiro state, Brazil. cf. *Maxillaria queirogana* Barb.Rodr.1877. syn. *Maxillaria gracilis*.

Quekettia: Lindley 1839. Listed for noted Eng. botanist and surgeon, Dr. Edwin John Quekett (1808-1847) FLS. Descs. accr. to him are abbr. to: Quek. ex Brazil, eg. *Quekettia microscopica*.

quekettiioides: *Quekettia* + resembling. cf. *Cohniella quekettiioides*.

querceticola: ref. *quercetum*: oak-forest + resident; dweller. cf. *Platythelys querceticola*. Also, see *quercilobum*.

querceticolus: as *querceticola*. cf. *Anoectochilus querceticolus*.

quercetorum: may be *querc*-+*-etorum*, or *quercet*-+*-orum*: oak + habitat, or oak-forest + of (?). cf. *Gastrochilus quercetorum* Fukuy. syn. *G. formosanus*.

querceus: descwd., ref. *quercus*: oak. Of oak; oaken.+ Can be an oblique ref. to being hard; strong; lasting, etc.(as oak), or of best quality (as the timber was highly prized).

querci: ref. *quercus*: (of) oak (woods). cf. *Malaxis querci* (syn.).

quercicola: ref. *quercus*: (of) oak (woods) + resident; dweller. cf. *Goodyera quercicola*.

quercilobum: *querci*-, here, probably means hard (as oak), see *querceus* + lobe. cf. *Orchiodes quercilobum*. syn. *Platythelys querceticola*.

quesnelianum: info. see *guesnelianum*. ex Brazil, cf. *Epidendrum quesnelianum* Henshall. syn. *Encyclia jenischiana* (Rchb.f.) Porto & Brade 1935.

questionis: a problem; investigation; inquiry. cf. *Pleurothallis questionis* Luer & R.Escobar.

Queteletia: Blume 1859. Listed for physician, botanist, Dr.A.Quetelet. Reported as extremely talented in both professions. eg. *Queteletia plantaginifolia*. syn. *Orchipedum plantaginifolium*.

quetzalensis: for place name (+ from). There are many places this could ref. to, but from the given locations, ref. Quetzal N.Park, Baja Verapaz Prov., Guatemala. cf. *Lepanthes quetzalensis* Luer & Béhar 1990. syn. *L. scopula*.

quiescent time for plants: a quiet time; still; at rest; dormant. + See dormancy.

quilichaoensis: from Santander de Quilichao (aka., **Quilichao**), a town of west Colombia. cf. *Dracula quilichaoensis* (F.Lehm.& Kraenzl.) Luer 1978. syn. *Dracula trichroma*.

quin-, *quinque*-, *quinqui*-: used in combwds., ref. *quini*, *quinque*: five. Having five, or a group of five, etc.

quinarium: five + suffix: where something happens, or can denote possession, ie. having five. cf. *Dendrobium quinarium*. syn. *D. lacteum*.

quinata: five + like; having. cf. *Sobralia quinata*.

quinguangulare: five + angle(s) + of. cf. *Dendrochilum quinguangulare*.

quinguangularis: five + angles + of. cf. *Eria quinguangularis*.

quinguecallosa: five + see callose. The labellum has one large and four smaller calli. cf. *Biermannia quinquecallosa*.

quinquecallosum: five + see callose. cf. *Epigeneium quinquecallosum*.

quinquecaudatum: five + tailed. cf. *Dendrobium quinquecaudatum*.

quinquecornutum: five + horned. cf. *Bulbophyllum quinquecornutum*. syn. *B. lichenophylax* (freely trans.: guardian of the lichen).

quinquecostata: five + see costate: side; ribbed (?). cf. *Cadetia quinquecostata*. syn. *C. collina*.

quincecostatum: five + ribbed. Ref. the five ribbed (or, winged) ovary. cf. *Dendrobium quincecostatum*. syn. *Dendrobium violaceum*.

quincecristatum: five + crested. Has a five-winged ovary, but could also ref. to the median sepal which has three crests and the laterals, one each (: five). cf. *Dendrobium quincecristatum*. Noted as endemic to Papua, Indon.

quinceudentatum: five + see dentate: of teeth; toothed. Ref. apex of column + the lip. cf. *Dendrobium quinceudentatum*.

quincefida: five + divisions. cf. *Thecostele quincefida*. syn. *Thecopus maingayi*.

quincefidum: five + divisions. Ref. the lip. cf. *Cleisostoma quincefidum*.

quincefidus: five + divisions. cf. *Sarcanthus quincefidus*. syn. *Cleisostoma quincefidum*.

quincefila: five + threads. cf. *Habenaria quincefila*. syn. *Habenaria novemfida* (of interest, one says it has five threads and the other, seven divisions).

quincelamellata: five + see lamellate, lamella. cf. *Coelogyne quincelamellata*.

quincelamellosa: with five lamellae. cf. *Eria quincelamellosa*.

quinceloba: five + lobe. At first, I said: five + lobes and nearly made a fool of myself (again!). I am pleased I perservered with the (Latin) description, it refs. to the mid-lobe having five thick pads. cf. *Cadetia quinceloba*.

quincelobata: five + lobed. The mid-lobe has divisions and with the lateral lobes, appears to have five. cf. *Eriopexis quincelobata*. syn. *Dendrobium quincelobatum*.

quincelobatum: five + lobed. cf. *Dendrobium quincelobatum*.

quincelobatus: five + lobed. cf. *Sarcophilus quincelobatus*. syn. *Grosourdya quincelobata*.

quincelobulata: five + small lobe + like; having. cf. *Phreatia quincelobulata*.

quincelobum: five + lobe. cf. *Bulbophyllum quincelobum*.

quincelobus: five + lobe. cf. *Herminium quincelobus*.

quincenervia: five + nerves (veins). cf. *Cadetia quincenervia*. syn. *C. collina*.

quincenervis: five + nerves (veins). cf. *Gongora quincenervis*.

quincenervium: five + nerves + of. cf. *Dendrobium rumphiae* var. *quincenervium*. syn. *Cadetia quincenervia*.

quincepartita: five + divisions; splits, etc. cf. *Cynorkis quincepartita*.

quincepartitum: as *quincepartita*. cf. *Epidendrum quincepartitum*.

quinceseta: five + bristle(s). cf. *Habenaria quinceseta*.

quincevulnerum: five + ref. *vulnero*: injury; wound. Each sepal and petal has a distinctive apical red blotch. cf. *Aerides quincevulnerum* Lindley 1833.

quintasii: listed for orig.coll., R.Quintas (+ of), ex westn.central Africa. cf. *Bulbophyllum quintasii* Rolfe 1891. syn. *Bulbophyllum intertextum*.

quintum: ref. *quintus*: fifth; for the fifth time. cf. *Angraecum quintum* Rumph. syn. *Vandopsis lissochiloides*. The specep. had me intrigued and it was a while before I woke up. See notes at *lissochiloides*, the plant had been named four times previously. A clever specep., but it still isn't right.

quisayanum: belonging to Quisaya (village), Pichincha Prov., Ecuador. cf. *Epidendrum quisayanum* Schltr.1916.

Quisqueya: Dod 1979: see *quisqueyana*. ex Hispaniola, eg. *Quisqueya ekmanii* Dod 1979.

quisqueyana: belonging to Quisqueya. Listed as another name for the Hispaniola islands and is also a town of s.east Dominican Republic and another of central westn. Haiti. cf. *Lepanthes quisqueyana* Hespenh.& Dod 1993.

x *Quisumbingara*: Garay & H.R.Sweet: of Quisumbing, see *quisumbingii*. On the syn. list, the result of *Aerides* x *Papilionanthe* x *Vanda*.

quisumbingianum: belonging to Quisumbing, see *quisumbingii*. ex the Philipp., cf. *Dendrochilum quisumbingianum* H.A.Pedersen 1996.

quisumbingii: of Dr.Eduardo Quisumbing y Arguelles (1895-1986). Director of the Philippine National Museum, phytologist, naturalist, author, collector and authority on orchids, esp. of the Philipp. region. Descs. accr. to him are abbr. to: Quis., or sometimes Quisumb. cf. *Dendrobium quisumbingii* A.D.Hawkes & A.H.Heller 1957.

quitense: from Quito, the capital city, and/or of Quito Prov., Ecuador cf. *Ornithidium quitense* Reichb.f.1877. syn. *Maxillaria quitensis*.

quitensis: as *quitense*. cf. *Maxillaria quitensis* (Rchb.f.) C.Schweinf.1970.

quoad: a Latin word used in discussions (and I had no idea what it meant!): as to; regarding; with respect to. eg., "... *quoad* syn.,": ...regarding (the) synonym,... .

q.v.: often seen in discussions: an abbr. of Lat. phrase, *quod vide*. Lit.: which (word, item, etc.) see (denoting a cross-reference). A literary term requesting reference to another passage (word, etc.) in a book.

rabaiensis: for place name (+ from), listed as ex Kenya to Tanzania, Africa. cf. *Bonatea rabaiensis* (Rendle) Rolfe 1898.

rabanii: listed for R. Raban, first to flower it. ex Churra, India, cf. *Dendrobium rabanii* Lindley 1859. syn. *Flickingeria fimbriata*.

raceme: listed as, orig. adapted from *racemus*: a bunch of grapes.: A racemose inflorescence on which the flowers are born on individual pedicels, on the rachis, or axis. A raceme, can also be known as an indeterminate inflorescence. See separate section, Inflorescences.

racemi:- used in combwds. and can indicate a raceme (the type of inflorescence). Or, is interpreted as: cluster; clustered, bunch; bunched.

racemifer: cluster + bearing. cf. *Sarcanthus racemifer*. syn. *Cleisostoma racemiferum*.

racemifera: see *racemi*-+ bearing. cf. *Prosthechea racemifera*.

racemiferum: as *racemifera*. cf. *Cleisostoma racemiferum*.

racemiferus: as *racemifera*. cf. *Gastrochilus racemiferus*. syn. *Cleisostoma racemiferum*.

racemiflora: see *racemi*-+ flowers. cf. *Pleurothallis racemiflora*. syn. *P. oblongifolia*.

racemiflorum: see *racemi*-+ flowers. cf. *Dendrobium racemiflorum*. syn. *Pleurothallis oblongifolia*.

racemosa: with many clusters, and/or see racemose. cf. *Masdevallia racemosa*.

Racemosae: see *racemi*:- (those) with many clusters; bunches, or racemes.= *Bulbophyllum*, *Masdevallia* and *Pleurothallis* sections.

racemose: clustered; cluster-like. Or, with raceme-like bunches. eg. Racemose types of iriflorescences. + See separate section, "Inflorescences" (end of "I").

racemosum: see racemose. cf. *Dendrobium racemosum*. Noted as endemic to Qld., Aust.

racemosus: see racemose. cf. *Colax racemosus*. syn. *Bifrenaria racemosa*.

Rachidibulbon: ref. *rhachis*: spine;backbone + like + bulb.= *Liparis* section.

rachis, *rhachis*: some controversy with the spelling, + some refs. say both are correct: backbone; spine. + The part of the axis, (of the inflorescence, or raceme), from the first flower to the apex. + See separate section (at end of "I"), "Inflorescences".

rachilla: see *rachis* + dimin.: a small, or short *rachis*. Only ever noted this the once and had to check to ensure it is a legitimate word.

Raciborskanthos: Szlach.1995: "Raciborski's flower", see *raciborskii*. syn. *Cleisostoma*.

raciborskii: listed for orig.coll., botanist Maryan Raciborski [+ of] (1863-1917), who collected in Java and surrounds, early 1900s. Noted, desc. by the author, are abbr. to: Racib. cf. *Thrixspermum raciborskii* J.J.Sm.1903.

racieanum: may be for a person's name, and/or a place name (+ belonging to). Only listed as ex Papua, Indon. cf. *Dendrobium racieanum* Cavestro 2003.

raddeana: belonging to Radde. For botanist, Gustav Ferdinand Richard Johannes von Radde (1831-1903). ex Europe, etc., cf. *Orchis raddeana* Regel. syn. *O. militaris*.

radia: ref. *radius*: rod; ray; beam, etc.(?). One major ref. suggested to ref. to *rado*: scrape; shave; scratch, etc., possibly for the very rough coral-like roots. cf. *Corallorrhiza odontorrhiza* forma *radia*.

radial: can be: symmetrical on only one plane. Mainly taken as: parts emanating from a central point, arranged like an asterisk (*), a good example, see *radiosa*.

radiale: as *radialis*. cf. *Calonema radiale*. syn. *Caladenia radialis*.

radially symmetric: see radial + see symmetry. Divisible into two identical halves by any plane passing through the centre. + See regular, actinomorphic.

radialis: rayed; like rays, ref. the lip. cf. *Caladenia radialis*. Noted as endemic to West.Aust.

radians: radiating, as radial. + Can be: shining; emitting rays. cf. *Dendrobium radians*.

radiata: radiating outwards; like, or having rays; rayed. + Ref. *radiatus*: rayed, + can be: shining; emitting rays. cf. *Caladenia radiata*. Noted as endemic to West.Aust.

radiatum: as *radiata*. Ref. the roots, radiating in all directions. cf. *Taeniophyllum radiatum*.

radiatus: as *radiata*. cf.. *Telipogon radiatus*.

radical: ref. *radicalis*: of, or to do with the roots (or rhizome), and/or the base. Basal; coming from the base. + Can be: original; basic; fundamental, ie. the root, or origin. Noted this usage: "radical leaves", meaning: basic (as uncomplicated?), or: of basal leaves.

radicans: rooting. Establishing a good root system (as it creeps forward). Similar to *repens*, see repent. cf. *Bulbophyllum radicans*. Noted as endemic to nth. Qld., Aust.

radicate: well rooted; firmly established.

radicatum: see radicate. cf. *Bulbophyllum radicatum*.

radicicola: ref. *radicis*: root + dweller; resident. Listed as first found growing on moss covered exposed roots of jungle trees. cf. *Microstylis radicicola*. syn. *Malaxis tetraloba*.

radicicolum: as *radicicola*. cf. *Crepidium radicicolum*.

radicle: the embryonic root. One of the first organs to appear on germination of a seed.

radicosa: see radicose. cf. *Coelogyne radicosa*.

radicose: full of, or with many roots. Having a large, or well developed root system.

radicosum: as radicose. cf. *Epigeneium radicosum*.

radicosus: as radicose. cf. *Sarcochilus radicosus*. syn. *S. rarus*.

radiella: *radius* + dimin.: small rays, or ref. *radicis* + dimin.: small roots (?). See *radiosa*, may be a similar circumstance. cf. *Dracula radiella*.

Radinocion: Ridl.1887: ref. *rhadinus*: delicate; slender; supple + dimin. syn. *Aerangis*.

radioferens: *radio-*: radiate (+ can be: to irradiate; shine) + bearing. Here, it's radiate and refs. to the venation of the lip. cf. *Epidendrum radioferens*.

radiosa: full of, or with well developed rays, or rayed. Refs. to the extremely small, linear lamellae which radiate from the back of the shell-like blade of the labellum. cf. *Dracula radiosa*. + See next entry.

radiosa: another entry as this is possibly a contraction, ex *radicosus*, see radicose. By the description and discussion, couldn't find any ref. to anything being "rayed" and it does have a very full root system. cf. *Stanhopea radiosa* Lem.1859.

radiosum: with many rays. cf. *Cypripedium* x *radiosum* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

radiosyndactyla: *radio-* + *syn-* + *dactyla*: radiate + with + fingers. Listed as a natcross and it's more likely the specep. was taken from the parents, *Dracula radiosa* x *D. syndactyla*. ex Colombia, cf. *Dracula* x *radiosyndactyla* Luer 1981.

radlkoferianum: listed for botanist and author, Ludwig Adolph Timotheus Radlkofer (1829-1927). Descs. accr. to him are abbr. to: Radlk. ex Panama, cf. *Epidendrum radlkoferianum* Schltr.1921. syn. *E. volutum*.

radula: lit., a scraper. cf. *Pleurothallis radula*.

radulifera: a scraper + bearing. cf. *Restrepia radulifera*.

raduliglossa: scraper + tongue. cf. *Pleurothallis raduliglossa*.

rafaeliana: belonging to Rafael. May be for a person's name, but also noted many villages, called San **Rafael**. Listed as ex Costa Rica, cf. *Lepanthes rafaelliana* Pupulin 2001. + See next entry.

rafael-lucasii: listed for phytologist and author, Rafael Lucas Rodriguez (1915-1981). Descs. accr. to him are abbr. to: Lucas Rodr. ex Costa Rica to Panama, cf. *Epidendrum rafaell-lucasii* Hágsater 1993.

rafinesquei: for phytologist and author, Constantine Samuel Rafinesque-Schmaltz (1783-1840). Descs. accr. to him are abbr. to: Raf. ex eastn. USA., cf. *Habenaria x rafinesquei* Beckner 1970. syn. *Platanthera x bicolor*. I was pleased to see him honoured, even though I have so much trouble trying to decipher many of his names.

ragusana: belonging to Ragus. For the city, and/or the province of Ragus, s.east Sicily. cf. *Ophrys x ragusana* H.Baumann & Künkele.

raishaensis: for place name (+ from), only listed as ex Taiwan. cf. *Calanthe raishaensis* Hayata 1916. syn. *Calanthe aristulifera*.

raizadae: listed for phytologist and author, Mukat Behari Raizada (b1907). Descs. accr. to him are abbr. to: Raiz. ex India, etc., cf. *Coelogyne raizadae* S.K.Jain & S.Das 1978.

rajana: cf. *Calanthe rajana* J.J.Sm.1927. Listed for place name: of, or belonging to Mt.Raja, Kalimantan, Borneo. Trivium: *raja* is also an Indon. word for: greater, eg. *Djakarta Raja*: Greater Djakarta (of that city).

rajanum: as *rajana*. cf. *Bulbophyllum rajanum* J.J.Sm.1927.

ramboi: listed for botanist and naturalist, Baldvino Rambo (1905-1961). ex sthn. Brazil, cf. *Cleistes ramboi* Pabst 1953.

ramentacea: ref. *ramentum*: a bit; chip; scale; chaff; small morsel + see *-acea*: like, etc. Refs. to the scaly stem. + In pteridology (study of ferns), *ramentum*: a thin membranous scale formed on the leaves of certain ferns. cf. *Pleurothallis ramentacea*. syn. *Myoxanthus octomeriae*.

ramentaceum: as *ramentacea*. cf. *Aulosepalum ramentaceum*.

ramicaul: listed as a relatively new term coined to replace "secondary stem" (see "S"), esp. with *Pleurothallidinae*.

ramifera: branch(es?) + bearing. cf. *Apostasia ramifera*.

ramiferum: branch + bearing. cf. *Oncidium ramiferum*. syn. *O. harrisonianum*.

ramificans: ref. *ramus*: branch + *-ficans*: making (: branching). cf. *Dendrobium ramificans*.

ramification: relative to the arrangement of branching. eg., ... suberect ramification.

ramify: ref. *ramus*: branch. To branch out in various directions. + Ramified: branched. + See *ramose*.

ramirezii: listed for phytologist and author, A. Ramirez (+ of). ex Jalisco state, Mexico, cf. *Mormodes ramirezii* S. Rossilo 1983. + See next entry.

ramirezii: listed for botanist and author, Ivon Ramirez de Carnavali. ex Jalisco, Mexico, cf. *Malaxis ramirezii* R. González 1994.

ramonense: for place name (+ from). This species is listed to be from Mexico to Colombia and there are too many places with "Ramon" in the name (mostly, San Ramón). cf. *Epidendrum ramonense* Rchb.f. 1866. syn. *Encyclia ceratites*.

ramonensis: as *ramonense*. cf. *Encyclia ramonensis* (Rchb.f.) Schltr. 1918. syn. *Encyclia ceratites*. + See next entry.

ramonensis: this one is definite, listed as: from San Ramón, Costa Rica. But, have noted at least six villages with this name. cf. *Stelis ramonensis* Schltr. 1923.

Ramonia: Schltr. 1923. Listed for place name: of San Ramón, Costa Rica, see *ramonensis*. syn. *Scaphyglottis* Poepp. & Endl.

ramonianum: same as *ramonense* (with different suffix: belonging to). cf. *Epidendrum ramonianum* Schltr. 1923.

ramosa: see *ramose*. Ref. the stems. cf. *Ceratostylis ramosa*.

ramose: ex *ramus*: branch + English suffix. Branched; with branches. + See *ramify*.

ramosianus: belonging to Ramos, only listed as ex the Philipp. May be for a person's name (eg., see *ramosii*), but also noted Ramos village of Ramos Island (nth. of Borneo) and two other villages on Luzon Island (?). cf. *Corybas ramosianus* J. Dransf. 1986.

ramosii: of Ramos. For orig. coll. and authority, Maximo Ramos. ex Luzon, Philipp., cf. *Dendrobium ramosii* Ames 1912.

ramosissima: see *ramose* + emphasis: very, etc. cf. *Helleborine ramosissima*. syn. *Cyrtopodium punctatum*.

ramosissimum: as *ramosissima*. cf. *Octomeria ramosissimum*.

ramosum: see *ramose*: branched. cf. *Bulbophyllum ramosum*. syn. *B. ochroleucum*.

ramosus: branched. Ref. the branching inflo. (: a panicle?). cf. *Aeranthus ramosus*.

ramphastorhyncha: ref. *ramphastos*: beak-like (as a bird's curved beak) + ref. *rhynchos*: snout; beak. cf. *Pleurothallis ramphastorhyncha*.

ramphastos: beak-like, + ref. *ramphos*: a bird's curved beak. cf. *Catasetum ramphastos*. syn. *Catasetum tabulare*.

Ramphidia: Miq. 1858: ref. *ramphos*: a curved beak + resembling. Ref. the lip. syn. *Myrmechis* Blume. + See next entry.

Ramphidia: (Lindl.) Lindl. 1857: see last entry. syn. *Hetaeria* Blume.

ramuana: for place name: belonging to the (upper) Ramu River area (+ ref. Ramu Valley), n.east PNG. cf. *Eria ramuana* Schltr. 1905.

ramuanus: as *ramuana*. cf. *Sarcophilus ramuanus* (Kraenzl.) Schltr. 1905.

ramulicola: small branch + dweller; resident. Noted as epiphytic on twigs and small branches of a shrub or tree. cf. *Angraecum ramulicola*.

ramulicolum: see *ramulicola*. cf. *Angraecum ramulicolum*.

ramulosa: see *ramulose*. cf. *Eria ramulosa*.

ramulose: see *ramify*, *ramose* with an added dimin.: having small branches.

ramulosum: as ramulose. cf. *Oncidium ramulosum*. syn. *Cyrtorchilum densiflorum*.

rana-aurea: frog + golden yellowy-orange. cf. *Masdevallia rana-aurea*.

ranaiensis: Noted the location from the listing, as “Borneo (Kep.Natuna)”. The specep.: from **Ranai**, a small town, of eastn. **Kep**lauan Natuna Besar (island), n.west of Borneo. cf. *Cyrtorchis ranaiensis* J.J.Sm.1932.

ranauense: as *ranauensis*. cf. *Crepidium ranauense*. syn. *Malaxis ranauensis*.

ranauensis: for place name (from Ranau?), listed as ex Mt.Seminung, Sumatra, Indon. cf. *Malaxis ranauensis* (J.J.Sm.) J.B.Comber 2001.

x *Randactyle*: Schelpe ex E.R.Harrison. On the syn. list, cf. **Rangaeris** x *Tridactyle*.

randaiense: for place name (+ from), only listed as ex Taiwan to the Philipp. cf. *Dendrobium randaiense* Hayata. syn. *Dendrobium chameleon*.

randi: see *randii*. ex Brazil, cf. *Paphinia randi* (G.Nicholson) L.Linden & Rodigas 1885.

randiana: belonging to Rand, see *randii*. ex nthn. Brazil, cf. *Cattleya* x *randiana* L.Linden 1889. syn. *C. x brymeriana* Rchb.f.1883.

randianum: as *randii*. cf. *Encyclia randianum* L.Linden. Took this from a book, but there isn’t any official listing (should be *E. randii*?), see next entry.

randii: listed for orig.coll., Edward Sprague Rand (1834-1897). ex nthn. Brazil, cf. *Encyclia randii* (Barb.Rodr.) Porto & Brade 1935.

randsii: listed for American horticulturist and noted grower, Ray Rands (+ of). ex the Philippines cf. *Paphiopedilum randsii* Fowlie 1969.

Rangaeris: (Schltr.) Summerh.1936. A clever anagram of *Aerangis*, to which it’s noted as being closely related. ex west Africa, eg. *Rangaeris longicaudata*.

rangannana: listed for place name (+ belonging to), ex Karnataka state, India. cf. *Oberonia rangannana* Kesh.Murthy, S.N.Yogan & K.Vasudeva 1987.

ranicolorata: frog + coloured. cf. *Habenaria ranicolorata*. syn. *H. altior*.

raniferum: ref. *rana*: a frog (+ ref. Eng., *ranine*: of, or like a frog) + bearing. Reported as a fanciful allusion to the crest. cf. *Epidendrum raniferum*. syn. *E. cristatum* (: crested).

rank: the level, or position occupied by a category in the taxonomic hierarchy. Taxa belonging to ranks, between and inc. the levels, sub-kingdom and subtribe, are usually indicated by characteristic suffixes. Hence taxa in the following ranks have these suffixes:

sub-kingdom: ends in *-bionta*

division: ends in *-phyta*

sub-division: ends in *-phytina*

class: ends in *-opsida*

sub-class: ends in *-idae*

order: ends in *-ales*

sub-order: ends in *-ineae*

family: ends in *-aceae*

sub-family: ends in *-oideae*

tribe: ends in *-eae*

sub-tribe: ends in *-inae*

This clarifies many words, eg. a common one , for us, *Orchidaceae*: orchid + family.

ranomafanae: for place name: from Ranomafana, a town of eastn. central Madagascar. cf. *Bulbophyllum ranomafanae* Bosser & P.J.Cribb 2001.

Ranorchis: D.L.Jones & M.A.Clem.2002: ref. *rana*: frog + see -*orchis*. syn. *Pterostylis*.

rantabunensis: for place name (+ from), listed as ex Hunan Prov., China, and/or central Taiwan (?). cf. *Gastrochilus rantabunensis* C.Chow ex T.P.Lin 1987.

raoi: of Rao. Listed for phytologist and author, Aragula Sathyanarayana Rao (1934-1983). ex Meghalaya, Assam, India, cf. *Oberonia raoi* L.R.Shakya & R.P.Chaudhary 2000.

rapax: lit., avaricious; grasping. cf. *Scaphosepalum rapax*.

raphidophorum: needle-like + bearing. cf. *Epidendrum raphidophorum*.

Raphidorhynchus: Finet 1907: needle-like + beak; snout. syn. *Microcoelia*.

raphiotes: ref. *raphis* + suffix: needle-like. cf. *Dendrobium raphiotes*. syn. *D. hellwigianum*.

rapiforme: descwd., ref. *rapum*: turnip + shape; form. Was in a description and ref. to a swollen tuberoid, likened to a turnip. Also see napiform, which is noted as the same.

raptor: an Eng. adaption of *raptor*: plunderer; robber. A general word for birds of prey: eagles, hawks, falcons, owls, etc., of the order *Raptores*. Sometimes a prefix, eg. *falc-*, is used to denote something to do with a hawk, falcon, etc. eg. See *falcorostrum*.

rara: ref. *rarus*: sparse; spaced well apart; scattered. Ref. distant spacing of the flowers. cf. *Microtis rara*. Noted as endemic to eastn. Aust.

raraense: as *raraensis*. cf. *Saccolabium raraense* (Fukuy.) S.Y.Hu. syn. *Gastrochilus raraensis* Fukuy.1934.

raraensis: listed as ex Taiwan (+ from). Have no ref. to any place, even sounding like it and it's possible the specep. may have a similar explanation to *rarum*. ie. The plants are loners, from scattered locations (?). cf. *Gastrochilus raraensis* Fukuy.1934.

rariflora: see *rara* + flowers. cf. *Habenaria rariflora*.

rariflorum: as *rariflora*. cf. *Bulbophyllum rariflorum*.

rariflorus: as *rariflora*. cf. *Physurus rariflorus*. syn. *Aspidogyne rariflora*.

rarum: ref. *rarus*: sparse; scattered. + Can mean: unusual; uncommon; rare. cf. *Dendrobium rarum*. Scattered, as they are (mostly) solitary, not common and usually only found as lone plants, from scattered locations.

rarus: as *rarum*. cf. *Lyperanthus rarus*. syn. *Megastylis rara*.

raui: is only listed as ex the "westn. Himalayas". May be for a person's name (+ of), but also noted a couple of villages called Rau (?). cf. *Bulbophyllum raui* Arora 1972.

ravellensis: from Ravello, a coastal town of Salerno, Campania, sthn. Italy. cf. *Orchis x ravellensis* Gsell 1941 (syn.).

ravenii: of Raven. For phytologist and author, Peter Hamilton Raven (b1936). ex Costa Rica, cf. *Triphora ravenii* (L.O.Williams) Garay 1978.

raymondiana: belonging to Raymond. Listed for Raymond Decary, see *decaryana*. ex sthn. Madagascar, cf. *Cynorkis raymondiana* H.Perrier 1931.

raynaudii: listed for phytologist and author, Christian Raynaud [+ of] (b1939). ex Greece, cf. *Ophrys* x *raynaudii* P.Delforge 1994.

re-: used in compwds., ref. *re*: back; again; against; down.+ Can be an emphasis: very, etc.

receptrix: lit., shelterer; receiver. cf. *Masdevallia receptrix*.

rechingerana: belonging to Rechinger, see *rechingeri*. cf. *Schomburgkia* x *rechingerana* H.G.Jones. Listed among the synonyms, with no further info., except it's a *Myrmecophila* hybrid.

rechingeri: listed for phytologist and author, Karl Heinz Rechinger (b1906). Descs. accr. to him are abbr. to: Rech.f. cf. *Epipactis rechingeri* Renz 1973.

rechingeriana: see *rechingerorum*. ex Colombia, cf. *Masdevallia rechingeriana* Kraenzl.1921. syn. *M. sceptrum*.

rechingerianum: as *rechingerorum*. ex Costa Rica to Colombia, cf. *Oncidium rechingerianum* Kraenzl.1922. syn. *O. dichromaticum*.

rechingerorum: of, or belonging to Rechinger. Listed for phytologist Karl Rechinger* (1867-1952). Descs. accr. to him are abbr. to: Rech. *(The refs. also list the collectors as L.& K.Rechinger). ex the Solomon Isls., cf. *Dendrobium rechingerorum* Schltr.1912.

reclinata: as reclinate. cf. *Gomesa reclinata*. syn. *G. planifolia*.

reclinate: turned, or bent downwards onto another organ, or part. Or, past the perpendicular, inclining back.

reclinatum: as reclinate. cf. *Epidendrum reclinatum*.

reclusum: I got this totally wrong, thinking it to mean reclusive, or for a recluse. Reported as ref. *reclusus* (bot.): opened (up); not closed. Also means: open (for discussion, or further investigation, etc.). Yet, noted that in biology, it means: separated; closed, or shut (up).+ From *reclusus*, is where we get our English word: recluse. (This language never ceases to amaze me!). cf. *Bulbophyllum reclusum*.

recognised: officially recognised, but not (yet) confirmed as fact. + See putative.

recomplicate: folded back on itself, then folded again.

recondita: ref. *reconditus*: hidden; concealed. cf. *Appendicula recondita*.

reconditiflora: hidden; concealed + flower. cf. *Calanthe rhodochila* var. *reconditiflora*.

recta: ref. *rectus*: right; correct; straight; upright. Some sources say, *recta*: straight forward, without further explanation. Does "straight forward" infer it's honest (? as, *rectus*: right; straight, etc.), or is something poking forward (?). cf. *Habenaria recta*.

rectangularis: rectangular. cf. *Liparis rectangularis*.

rectangulata: ref. *rectus*: right; straight + *angulus*: an angle + like; having. cf. *Vrydagzynea rectangulata*. syn. *V. elongata*.

recticalcar: see *recta* + spur. cf. *Habenaria leucotricha* var.*recticalcar*.

rectifolia: see *recta* + leaf. cf. *Saccolabiopsis rectifolia*. Noted as endemic to Qld., Aust.

rectilabre: see *recta* + lip, or see *labrum*: edge, etc. (?). cf. *Bulbophyllum rectilabre*.
rectilinguis: see *recta* + tongue. cf. *Epipactis helleborine* var. *rectilinguis*. syn. *E. leptochila*.
rectipetala: see *recta* + petals. cf. *Pleurothallis rectipetala*. syn. *P. phyllocardia*.
rectopedunculatum: see *recta* + see *pedunculate*. cf. *Epidendrum rectopedunculatum*. syn. *Epidendrum huebneri*.
rectum: see *recta*. cf. *Cymbidium rectum*.
recula: something of little importance; a trifle. cf. *Pleurothallis recula*.
recumbent: bent forward to where the apex is below the base. eg. A recumbent column.
recurva: see *recurved*. cf. *Pterostylis recurva*. Noted as endemic to West.Aust.
Recurvae: see *recurved*. Ref. the lateral sepals. = *Cirrhopetalum* section.
recurvata: see *recurved*. cf. *Cadetia recurvata*.
recurvatum: see *recurved*. cf. *Epidendrum recurvatum*.
recurved: curved, or turned backward, or to the lower side. + Ref. *recurvate*: having recurved organs, or parts.
recurviflorum: see *recurved* + flower. cf. *Bulbophyllum recurviflorum*.
recurvifolium: *recurved* + leaf. cf. *Diplocaulobium recurvifolium*.
recurvilabre: *recurved* + lip, or see *labrum*: edge (?). cf. *Dendrobium recurvilabre*.
recurvimarginatum: see *recurved* + see *marginatum*: edged, etc. cf. *Bulbophyllum recurvimarginatum*. syn. *B. trifilum*.
recurvipes: *recurved* + foot. cf. *Aerides recurvipes*.
recurvipetala: *recurved* + petals. cf. *Pleurothallis recurvipetala*.
recurvirostrum: *recurved* + see *rostrum*: beak, etc. ex Zambia, Africa, cf. *Platycoryne protearum* var. *recurvirostrum* G.Will.1980.
recurvula: *recurved* + dimin.(: slightly *recurved*?). cf. *Stelis recurvula*. syn. *S. hylophila*.
recurvum: *recurved*. cf. *Thrixspermum recurvum*.
recurvus: *recurved*. cf. *Sarcanthus recurvus*. syn. *Cleisostoma arietinum*.
redacta: ref. *redactum*: shorten; *redactus*: shortened; reduced. cf. *Caladenia longicauda* ssp. *redacta*. Noted as endemic to West.Aust.
reductum: ref. *reductus*: remote; away (from); withdrawn. cf. *Oncidium reductum*.
reduplicata: doubled back (*re-*+ see *duplicate*). cf. *Appendicula reduplicata*. syn. *Appendicula cornuta*.
reevei: listed for T.M.Reeve, phytologist, author and authority who worked and collected in PNG. cf. *Bulbophyllum reevei* J.J.Verm.1992.
reflexa: see *reflexed*. Ref. the floral segments. cf. *Liparis reflexa*. Noted as endemic to Aust. Pers.coll., found a large population, just north of Sydney and mostly, they were in dense mats on sandstone rock outcrops (the sp. is a lithophyte). Am told they are quite common in this area, but are not prized because of their unpleasant acrid perfume (likened to cat's urine). Didn't take any as it is illegal, the area is a N.Park (and I didn't want one bad enough, to steal it).
reflexed: abruptly curved, or bent backwards.
reflexibarbaturum: see *reflexed* + *barbaturum*: having, or like a small beard. cf. *Dendrobium reflexibarbaturum*.
reflexiflorum: *reflexed* + flower. cf. *Bulbophyllum reflexiflorum*.

reflexilabris: reflexed + lip, or see *labrum*: edge (?). cf. *Calanthe reflexilabris*.
reflexilobum: reflexed + see lobe. cf. *Epidendrum reflexilobum*. syn. *E. tricarinatum*.
reflexipetalum: reflexed + petals. cf. *Dendrobium reflexipetalum*.
reflexipetalus: reflexed + petals. cf. *Phaius reflexipetalus*.
reflexisepalum: reflexed + sepal(s?). cf. *Stelis reflexisepalum*.
reflexitepalum: reflexed + tepals. cf. *Dendrobium reflexitepalum*.
reflexum: reflexed. cf. *Prasophyllum reflexum*. Noted as endemic to NSW., Aust.
reflexus : reflexed. cf. *Podochilus reflexus*.
refracta: see *refractus*. cf. *Phyllorkis refracta*. syn. *Bulbophyllum refractum*.
refractilingue: see *refractus* + tongue. cf. *Bulbophyllum refractilingue*.
refractoides: see *refractus* + resembling. Noted it was compared to *Cirrhopetalum refractum*. cf. *Bulbophyllum refractoides*. syn. *B. wallichii*.
refractory: ref. *refractarius*: hard to manage; stubborn; obstinate. The word is sometimes seen in discussions of a plant's cultivation requirements.
refractum: see *refractus*. cf. *Bulbophyllum refractum*.
refractus: descwd., ref. *re-*: back + *fractus*: (as if) broken. Sharply bent back (same as reflexed, but with a much sharper, angular bend).
refractus: as last entry. cf. *Ancistrorhynchus refractus*.
refulgens: *re* (as an emphasis): very + shining. cf. *Cypripedium x refulgens* Ingram. Listed among the synonyms, without date, location, or "correct name".
regale: ref. *regalis*: royal. cf. *Diplocaulobium regale*.
regalis: royal. cf. *Anoectochilus regalis*. syn. *A. setaceus*.
regeliana: belonging to Regel. Listed for Eduard August von Regel (1815-1892), phytologist, author and Director of the Royal Botanic Garden of Berlin, Germany. ex Brazil, cf. *Maxillaria regeliana* Cogn.1904.
regelii: as *regeliana*. cf. *Orchis regelii* E.G.Camus. Listed among the synonyms and the "correct name" is noted as *Orchis x regeliana*, for which there isn't any listing.
regia: of a king, + ref. *regis*: regal; royal. cf. *Zeuxine regia*.
reginae: queenly; of a queen. ex Canada and USA., cf. *Cypripedium reginae* Walter 1788.
regis-alberti: not certain exactly which Albert it's for, but my aim is to define the words as accurately as possible. So, it simply means: of King Albert. Possibly, ref. Albert of Saxony (1828-1902). cf. *Epistephium regis-alberti* Kraenzl.1900. syn. *Eriaxis rigida*. Noted as monotypic and endemic to New Caledonia.
regis-ferdinandii: (*regis*: king; ruler, etc.). Listed for Ferdinand I of Bulgaria (1861-1948). He declared Bulgaria an independent kingdom in 1908 and decreed himself as Czar. Was forced to abdicate in 1918 for supporting Germany in WWI. ex the eastn. Aegean Isls. to Turkey, cf. *Ophrys vernixia* ssp.*regis-ferdinandii* (Renz) Renz & Taubenheim.
regis-minois: Lat' d. spelling for the Gk.myth., King Minos of Crete island, Greece (+ of interest, see *mino*a). Listed as ex Crete, is possibly an oblique ref. to where this species was found. cf. *Ophrys x regis-minois* Halx 1972.
regium: of a king; royal; regal. cf. *Prasophyllum regium*. Noted as endemic to West.Aust.
regius: as *regium*. cf. *Monochilus regius*. syn. *Zeuxine regia*.

Regnellia: Barb.Rodr.1877. Listed for Swedish botanist, authority and specialist collector of Brazilian flora, Anders Fredrik Regnell (1807-1884). ex nthn. Sth.America, eg. *Regnellia purpurea*. syn. *Bletia catenulata*.

regnelliana: belonging to Regnell, see *Regnellia*. ex Brazil, cf. *Prosthechea regnelliana* (Hoehne & Schltr.) W.E.Higgins 1998.

regnellianum: as *regnelliana*. cf. *Epidendrum regnellianum* Hoehne & Schltr.1926. syn. *Prosthechea regnelliana*.

regnellii: of Regnell, see *Regnellia*. ex Brazil, cf. *Miltonia regnellii* Rchb.f.1849.

regnieri: listed for orig.coll., French botanist Auguste Regnier (+ of). ex Indo-China, Malesia to New Guinea, cf. *Calanthe regnieri* Rchb.f.1883. syn. *Calanthe vestita*.

regnieriana: as *regnieri*. ex Thailand, cf. *Phalaenopsis regnieriana* Rchb.f.1887.

regular: having all parts (in each series), uniform. eg., “..regular tepals...”: refs. to the floral segments being more, or less the same.+ See radially symmetric, actinomorphic.

regularis: see *regular*. cf. *Serapias regularis*. syn. *T. longifolia*. Noted as endemic to NZ.

reicheana: belonging to Reiche, see *reichei*. ex Chile, cf. *Chloraea reicheana* Kraenzl.1903. syn. *C. longipetala*.

reichei: of Reiche. Listed for botanist and author, Carlos Frederico Reiche (1860-1929). ex Mexico, cf. *Malaxis reichei* (Schltr.) Ames & C.Schweinf.1935.

Reichenbach, Heinrich Gottlieb Ludwig (1793-1879). An eminent German phytologist. Descs. accr. to him are abbr. to: Rchb. (sometimes: Reichb.)

Reichenbach, Heinrich Gustav (1824-1889). Son of H.G.L.Reichenbach, born in Leipzig, Germany. A brilliant phytologist, prolific author, and bot. artist. Professor and Director of the Hamburg Bot.Garden, Germany and then of the RBG., Kew, Eng. Descs. accr. to him are abbr. to: Rchb.f. (sometimes: Reichb.f.)

Reichenbachanthus: Barb.Rodr.1881: “Reichenbach’s flower”. See Reichenbach, H.G. (Rchb.f.). ex Costa Rica, eg. *Reichenbachanthus subulatus*.

x *Reichenbachara*: Garay & H.R.Sweet: of Reichenbach, see the entry. On the syn. list, the result of *Euanthe* x *Vanda* x *Vandopsis*.

reichenbachiana: see H.G.Reichenbach (Rchb.f.) + belonging to. ex Costa Rica, cf. *Masdevallia reichenbachiana* Endres 1875.

Reichenbachianae: of *reichenbachiana*. = *Masdevallia* section.

reichenbachianum: see *reichenbachiana*. ex Brazil, cf. *Catasetum reichenbachianum* Mansf.1930.

reichenbachii: see *reichenbachiana*. cf. *Prasophyllum reichenbachii* F.Muell.1889. syn. *P. fimbria*. Noted as endemic to West.Aust.

reijnvaanae: for place name (+ of), only listed as ex Java, Indon. cf. *Taeniophyllum reijnvaanae* J.J.Sm.1920.

reineckeana: see *reineckeanum*. ex New Guinea and s.west Pacific islands, cf. *Glomera reineckeana* (Kraenzl.) Schltr.1911. syn. *G. montana*.

reineckeanum: listed for orig.coll., botanist Franz Reinecke [+ belonging to] (b1866), who collected in the Australasian region. ex Samoa, cf. *Crepidium reineckeanum*

(Kraenzl.) M.A.Clem.& D.L.Jones 1996. syn. *Malaxis reineckeana* (Kraenzl.) Kores 1989.

reineckei: as *reineckeanum*. ex Fiji and Samoa, cf. *Dendrobium reineckei* Schltr.1911.

reinholdii: listed for botanist, T.Reinhold (1802-1880), of Athens, Greece. cf. *Ophrys reinholdii* Spruner ex Fleischm.1908.

reinwardtii: listed for Caspar George Carl Reinwardt [+ of] (1773-1854), author, phytologist and collector in Java, Borneo etc. Worked for the Dutch East India Co. and in 1817 became the first Director of the Buitenzorg Bot.Garden (: Bogor), Java. Descs. accr. to him are abbr. to: Reinw. cf. *Anoectochilus reinwardtii* Blume 1858.

reitzii: listed for phytologist, P.Raulino Reitz (b1919). ex Santa Catarina, Brazil, cf. *Octomeria reitzii* Pabst 1956.

relict, relictual: left over from the past. eg. Relictual perfume: the perfume is still present, but no longer serves the purpose it was intended for. Another eg., relict forest: where it was once heavily forested and now there are only sparse pockets (! + see deforestation).

remediosae: listed for Remedios C.Gonzales (+ of). ex the Philipp., cf. *Coelogyne remediosae* Ames & Quis.1932.

remiferum: ref. *remus*: an oar + bearing. cf. *Bulbophyllum remiferum*.

remiforme: oar + shape. Ref. the lateral sepals (?). cf. *Dendrobium remiforme*.

remota: see remote. cf. *Caladenia remota*. Noted as endemic to West.Aust.

remote: ref. *remotus*: scattered; away from; distant; not close; remote. Separated, appearing to be further apart than normal.

remotiflora: remote + flowers. cf. *Pleurothallis remotiflora*. syn. *P. flexuosa*.

remotiflorum: remote + flowers. cf. *Oncidium remotiflorum*.

remotifolium: remote + leaf. cf. *Bulbophyllum remotifolium*. syn. *B. hirundinus*.

remotifolius: remote + leaf (leaves). cf. *Habenaria remotifolius*.

remotisepala: see remote + sepals. cf. *Cadetia remotisepala*.

remotisepalum: see remote + sepals. cf. *Dendrobium remotisepalum*. syn. *Cadetia remotisepala*.

remotum: remote. Ref. the distant pseudobulbs., far apart. cf. *Bulbophyllum remotum*. syn. *Bulbophyllum cylindrobulbum*.

x *Renades*: auct. On the syn. list, cf. *Aerides* x *Renanthera*.

x *Renafinanda*: auct. On the syn. list, cf. *Neofinetia* x *Renanthera* x *Vanda*.

x *Renaglottis*: auct. On the syn. list, cf. *Renanthera* x *Trichoglottis*.

x *Renacentrum*: auct. On the syn. list, cf. *Ascocentrum* x *Renanthera*.

x *Renanetia*: auct. On the syn. list, cf. *Neofinetia* x *Renanthera*.

x *Renanopsis*: auct. On the syn. list, cf. *Renanthera* x *Vandopsis*.

x *Renanparadopsis*: J.M.H.Shaw. On the syn. list, the result of *Paraphalaenopsis* x *Renanthera* x *Vandopsis*.

x *Renanstylis*: auct. On the syn. list, cf. *Renanthera* x *Rhynchostylis*.

x *Renantanda*: auct. On the syn. list, cf. *Renanthera* x *Vanda*.

Renanthera: Lour.1790: ref. *ren*, *renis*: kidney + see anther. Some refs. say: the anther-cap is kidney-shaped, whilst some ref. to the pollinia and others to the column (?). eg. *Renanthera edelfeldtii*. Pers.coll., fairly common ex PM.PNG.. Found an interesting specimen at Eilogo, that had started off in the leaf litter at the base of a tree approx. 5 metres high and then went straight up! No leaves (except at the top), just the straight stem with thick roots clasping the trunk. I thought, maybe a *Galeola*? and naturally had to climb the tree (thankfully, an easy one) to try to determine what it was. At the top and out into space, it was happily flowering. All up, the plant was about 6 metres (20ft.) long. Have seen them many times up to about a metre (3ft.) long, semi-pendulous on trees and on conglomerate rock, but this one was most unusual for its length and habit.

renanthera: kidney + anther. Ref. the anther-cap, or likened to a *Renanthera* (?). cf.

Epidendrum renanthera. syn. *Renanthera coccinea*.

Renantherella: Ridl.1896: *Renanthera* + dimin.. Noted as likened to a small *Renanthera*. eg.

Renantherella histrionica. syn. *Renanthera histrionica*.

x *Renanthoceras*: Garay & H.R.Sweet. On the syn. list, cf. *Pteroceras* x *Renanthera*.

x *Renanthoglossum*: auct. On the syn. list, cf. *Ascoglossum* x *Renanthera*.

x *Renanthopsis*: auct. On the syn. list, cf. *Phalaenopsis* x *Renanthera*.

x *Renaradorum*: Garay & H.R.Sweet. On the syn. list, cf. *Arachnis* x *Armodorum* x *Renanthera*.

Renata: Ruschi 1946. Listed as named for (daughter?) Miss Renata Aurelia Ruschi. At first I said, "an easy one, it's: *ren* + *-ata*: having, or like a kidney". I am certain Ms.Ruschi would not have been impressed! syn. *Pseudolaelia* Porto & Brade.

rendlei: listed for Alfred Barton Rendle (1865-1938), of Jamaica. Phytologist, author, collector and authority. Often worked in close association with William Fawcett (see *Fawcelpanthes*) and together they produced "Orchids of Jamaica" 1910. cf. *Dichaea rendlei* Gleason 1927. Earlier, he may have collected in Africa (?), as cf. *Polystachya rendlei* Rolfe 1897. syn. *P. transvaalensis*.

Rendlelepanthes: Rendle's *Lepanthes* Cogn.1910. See *rendlei*. = *Lepanthes* section. syn.

Lepanthes subgenus *Lepanthes* section *Lepanthes*.

renibractea: kidney + bract. cf. *Disperis renibractea*.

reniform: ref. *ren*, *renis*: kidney + form; shape. Any organ, or part likened to the shape. Kidney-shaped.

reniforme: see *reniform*. Ref. the labellum. cf. *Dendrochilum abbreviatum* var. *reniforme*.

reniformis: *reniform*. Refs. to a leaf. cf. *Cyrtostylis reniformis*.

renilabioides: kidney + lip + resembling. May have been likened to *Epidendrum renilabium* (?). cf. *Epidendrum renilabioides*.

renilabium: kidney + lip + like, or of. cf. *Epidendrum renilabium*.

renilabris: kidney + lip. cf. *Phreatia renilabris*.

reniloba: kidney + lobe. cf. *Malaxis reniloba*. syn. *M. prasina*.

renipetala: kidney + petals. cf. *Pleurothallis renipetala*. syn. *P. crinita*.

renipetalum: kidney + petals. cf. *Bulbophyllum renipetalum*.

rennellii: listed for place name: of Rennell Island, of the Solomon Isls. group. cf. *Dendrobium rennellii* P.J.Cribb 1983.

renschiana: belonging to Rensch. Listed for botanist (orig.coll.?), I.Rensch. ex Malawi, Africa, cf. *Nervilia renschiana* (Rchb.f.) Schltr.1911.

renschianus: as *renschiana*. cf. *Lissochilus renschianus* Rchb.f.1881. syn. *Eulophia streptopetala*.

renziana: belonging to Renz, see *renzii*. ex Zaire, Africa. cf. *Disa renziana* Szlach.1994.

renzii: of Renz. Listed for Swiss phytologist and author, Jany Renz. ex The westn. Himalayas, cf. *Ponerorchis renzii* Deva & H.B.Naithani.

Renzorchis: Szlach.& Olszewski 1998: "Renz's orchid", see *renzii*. syn. *Habenaria* Willd.

reolana: may be for a person's name (+ belonging to). Also, by the given locations, may ref. to **Reola**, a town of Tartu, Estonia (?). cf. *Orchis angustifolia* var.*reolana* Klinge 1899. syn. *Dactylorhiza traunsteineri* ssp.*traunsteineri*.

repand: ref. *repandus*: undulate; turned up. Of an organ, or part having a slightly crenate, or undulate margin.

repanda: see *repand*. cf. *Bletia repanda*.

repens: creeping. cf. *Oberonia repens*.

repent: crawling along; creeping, taking root as it progresses. + See *radicans*.

replicata: see *replicate*. cf. *Masdevallia replicata*.

Replicatae: see *replicate*. = *Habenaria* section.

replicate: not of a replica, it's: *re*-+ see *plicate*. When the upper and lower parts are folded, or turned back onto itself, so that they come together.

replicatum: see *replicate*. cf. *Epidendrum replicatum*. syn. *Encyclia replicata*.

reptans: creeping, prostrate. cf. *Caladenia reptans*. Noted as endemic to West.Aust.

reptilis: crawling; creeping (in the mode of a reptile). cf. *Pleurothallis reptilis*.

resectum: ref. *resectus*: cut back; cut short. For the short peduncle (?). cf. *Epidendrum resectum*. syn. *Epidendrum paniculatum*.

reserata: ref. *reseratum*: (to) disclose; unlock; unbar; open. ex Spain, cf. *Orchis* x *reserata* Pau. Listed among the synonyms, with no further info.

resimula: as *resimus* with an added dimin.(: partly, or slightly ?). cf. *Platystele resimula*.

resimus: descwd.: turned up, bent back.

resplendens: shining brightly. + Can mean, as in Eng.: brilliant, resplendent, showy, etc. cf. *Oncidium resplendens*.

Restrepia: Kunth 1816. Listed for José E.Restrepo (+ of), Colombian naturalist and author on geography and natural history. eg. *Restrepia elegans*.

Restrepiella: Garay & Dunst.1966: *Restrepia* + dimin. Noted to be for its close resemblance. ex Florida to Colombia, eg. *Restrepiella ophiocephala*. Noted as monotypic.

restrepina: *Restrepia* + like. cf. *Bulbophyllum restrepina*.

restrepioidea: *Restrepia* + resembling. cf. *Masdevallia restrepioidea*. syn. *M. heteroptera*.

restrepioides: *Restrepia* + resembling. cf. *Brachionidium restrepioides*.

Restrepiopsis: Luer 1978: *Restrepia* + appearance. ex Bolivia, eg. *Restrepiopsis carnosa*.

restrepoanum: belonging to Restrepo, see *Restrepia*. ex Venezuela, etc., cf. *Epidendrum restrepoanum* A.D.Hawkes 1957. syn. *E. globiflorum*.

resupina: on the back + see resupinate. Listed as a natcross of *Caladenia horistes* x *C. multiclavia*. ex West.Aust., cf. *Caladenia* x *resupina* Hopper & A.P.Br.2001.

resupinata: see resupinate. cf. *Liparis resupinata*.

resupinate: ref. *resupinatus*: lying on the back. The word can apply to any organ(s), or part(s). Mainly seen in discussions of flowers: having the flower turned around so that the parts usually lowest have become uppermost, inverted by a 180° twist of the pedicel during development. Many orchid flowers are resupinate to present the labellum as a platform for an insect visitor (as the pollinator). Odd as it seems, the opposite to resupinate is: reverse, but most often authors use “non-resupinate”, to avoid confusion.

resupinatum: see resupinate. cf. *Bulbophyllum resupinatum*.

resurrecta: ref. *resurrectum*: (to) revive; rise again. Perhaps the plant is deciduous and with a dormancy period (?). cf. *Ophrys* x *resurrecta* O.& E.Danesch.

retanae: for place name: of Retana (village), San José Prov., Costa Rica. cf. *Kefersteinia retanae* G.Gerlach ex C.O.Morales 1999.

retanarum: of, or belonging to Retana, see *retanae*. cf. *Telipogon retanarum* Dodson & R.Escobar 1987.

retecta: ref. *retectus*: opened; revealed; uncovered. Ref. the anther area is not “hooded” (so, it’s revealed). cf. *Thelymitra retecta*. syn. *T. circumsepta*. Endemic to s.east Aust.

retemeyerianum: listed for noted grower, H.Retemeyer (+ belonging to) of Bremen, Germany, first to flower it. Noted as ex Mexico to Guatemala, cf. *Oncidium retemeyerianum* Rchb.f.1856. syn. *Trichocentrum lindenii*.

reticosa: as reticose. cf. *Eria reticosa*. syn. *E. braccata*.

reticose: ref. *retis*: a net; network + suffix: having veins, or markings likened to a net (pattern). + See reticulate.

reticosum: as reticose. cf. *Bulbophyllum reticosum*. syn. *B. dearei*.

reticularis: reticular, see reticulate. cf. *Physurus pictus* var. *reticularis*. syn. *Aspidogyne argentea*. Another beautiful physurid (see “P”).

reticulata: see reticulate. Ref. venation of the labellum. cf. *Caladenia reticulata*. Noted as endemic to s.east Aust.

reticulate: ref. *reticulatus*: same as reticose with an added dimin.: small, + suffix: like; having. With fine lines, or veins resembling the pattern of a net; criss-crossing, like a network.

reticulate venation: refs. explicitly to the veining, likened to a net.

reticulatum: as reticulate. cf. *Bulbophyllum reticulatum*.

reticulatus: descwd.: net-like, etc. See reticulate.

retinacle: the sticky disc of the pollinarium. Mostly the term used: viscidium. + See disc.

retinaculum: ref. *retinaculum*: orig., a binding; tie; tether, etc. Sometimes seen in descriptions and applies to the retinacle (: viscidium). See previous entry.

retinervis: net + nerved (veined). cf. *Habenaria retinervis*.

retisquama: freely trans.: having net-like scales. Ref. *retis*: net + *squama*: scale. Having scales forming a net-like pattern. cf. *Ceratostylis retisquama*.

retracted: drawn back (in), as parts mostly hidden in bracts, or sheaths, etc.

retro-: used in combwds., ref. *retro*: backwards; back. + Can be the same as *re*-.

retrocalla: see *retro*-+ see *calli*, *callus*. cf. *Haraella retrocalla*. Noted as endemic to Taiwan.

retrocallosum: see *retro*-+ *callose*: calloused, etc. cf. *Gastrochilus retrocallosum*. syn. *Haraella retrocalla*.

retrocallum: as *retrocalla*. cf. *Saccolabium retrocallum*. syn. *Haraella retrocalla*.

retrocallus: as *retrocalla*. cf. *Gastrochilus retrocallus*. syn. *Haraella retrocalla*.

retroflexa: see *retroflexed*. cf. *Habenaria retroflexa*.

retroflexed: listed as coined from *retro*-+ *flexus*: bent backwards.

retroflexiligula: *retroflexed* + small strap; tongue, see *ligule*. cf. *Dichaea retroflexiligula*.

retroflexum: *retroflexed*. Ref. involute leaf margins, or recurved tip of labellum (?). cf. *Dendrobium vexillarius* var. *retroflexum*. Noted as endemic to Papua, Indon.

retrofractum: backwards + ref. *fractus*: broken. cf. *Cirrhopetalum retrofractum*.

retrorsa: see *retorse*. cf. *Gongora retrorsa*.

retorse: in a backwards direction; directed, or turned backwards.

retrospiculatum: back + see *spiculatus* (: with many small spikes, etc.). cf. *Taeniophyllum retrospiculatum*.

retrospiculatus: as *retrospiculatum*. cf. *Sarcochilus retrospiculatus*. syn. *Taeniophyllum retrospiculatum*.

retroversa: see *retro*-: backwards; back + *versa*, ex *verto*: to turn. cf. *Stelis retroversa*.

retusa: see *retuse*. cf. *Eria retusa*.

retuse: ref. *retusus*: rounded; blunted. + Of organs, or parts having an obtuse apex with a centrally broad shallow notch.

retusicolumna: see *retuse* + *column*. cf. *Lepanthes retusicolumna*.

retusiloba: see *retuse* + *lobe*. cf. *Pleurothallis retusiloba*.

retusimentum: see *retuse* + *mentum*: chin, or -*mentum*: result of an action, etc. (see *mentum*, -*mentum*). cf. *Glomera retusimentum*.

retusiusculum: see *retuse* + slightly; somewhat. cf. *Bulbophyllum retusiusculum*.

retusum: see *retuse*. Ref. the anther-cap (operculum). cf. *Mediocalcar retusum*. syn. *M. bifolium*. Noted as endemic to New Guinea.

retusus: see *retuse*. cf. *Gastrochilus retusus*. syn. *Rhynchosstylis retusa*.

retypification: When the specified type of a species is proven to belong to another genus, a new type has to be established = retypification.

retzii: listed for botanist, naturalist and author, Anders Jahan Retzius (1742-1821). Descs. accr. to him are abbr. to Retz. ex India, cf. *Oeceoclades retzii* Lindley 1833. syn. *Chiloschista pusilla*.

reventador: refs. to El Reventador*, an active volcano of Napo Prov., Ecuador. cf. *Lepanthes reventador* Luer & Hirtz 1990. *Trivium: looked up the Spanish and it means: fig., one who ruins (The Ruiner). Or, the crusher, smasher, burster.

reverchonii: listed for botanist, Elisee Reverchon (1835-1914). ex the USA., cf. *Gyrostachys reverchonii* Small 1898. syn. *Spiranthes vernalis*.

reversa: is not the one word. See *re-*: back, etc.+ ref. *verto, versus*: turn. ex Colombia, cf.

Roezliella reversa.

reverse: turned upside-down; the other way around. Also is the opp. to resupinate.

reversidens: the other way around + of teeth. cf. *Oberonia reversidens*.

reversum: see *reverse*. cf. *Aerides reversum*. syn. *A. quinquevulnerum*.

revoluta: see *revolute*. cf. *Pterostylis revoluta*. Noted as endemic to eastn. Aust.

revolute: ref. *revolutus*: turned over; rolled back. With edges rolled back, downwards, or to the lower side.

revolutum: see *revolute*. Ref. the sepals and petals. cf. *Dendrobium revolutum*.

rex: king. cf. *Dendrobium rex*. syn. *D. speciosum* var. *grandiflorum*. Noted as endemic to Qld., Aust.

reygaertii: listed for F.Reygaert (+ of), orig.coll. ex Zaire, Africa, cf. *Angraecum reygaertii* DeWild.1916.

Reymondia: (H.Karst.) Kuntze. Listed for noted physicist, Dr.DuBois Reymond. syn.

Myoxanthus Poepp.& Endl.

reymondii: see *Reymondia*. ex Venezuela, cf. *Myoxanthus reymondii* (H.Karst.) Luer 1982.

rhabdo-: used in combwds., mainly refs. to *rhabdos*: stick; wand; staff; rod. Or, could be ex *rhabdotos*: striped; lined; finely fluted; grooved.

rhabdobulbon: see *rhabdo*+ *bulb*. cf. *Coelogyne rhabdobulbon*.

rhabdoglossum: see *rhabdo*+ *tongue*. cf. *Dendrobium rhabdoglossum*.

rhabdophylla: see *rhabdo*+ *leaf*. cf. *Malaxis rhabdophylla*.

rhabdophyllum: as *rhabdophylla*. cf. *Crepidium rhabdophyllum*. syn. *Malaxis rhabdophylla*.

rhabdosepala: see *rhabdo* + *sepal*. cf. *Pleurothallis rhabdosepala*.

rhabdosepalum: as *rhabdosepala*. cf. *Pleurobotryum rhabdosepalum*. syn. *Pleurothallis rhabdosepala*.

rhachis, rachis: flower stem part, see *rachis*.

rhacoglossum: ref. *rhakos*: scrap of cloth; rag. Or, could be ex *rhakinos*: tattered; ragged (but, then the author would, more likely, have called it *rhacinoglossum*) + *tongue*. cf. *Epidendrum rhacoglossum*. syn. *E. brevivenium*.

Rhaesteria: Summerh.1966: ref. *rhaester, rhaesteros*: hammer. cf. *Rhaesteria eggelingii*.

Noted as monotypic in Uganda to Rwanda, Africa.

Rhamphidia: (Lindl.) Lindl.: see *Ramphidia*. syn. *Hetaeria* Blume.

Rhamphorhynchus: Garay 1977: ref. *ramphis*: hook, and/or *ramphos*: curved beak + *rhynchos*: snout; nose; beak. Probably coincidental, but of interest also see *Campsomeris* for a note on a flying dinosaur (*Rhamphorrhynchus*). cf.

Ramphorhynchus mendoncae (Brade & Pabst) Garay 1977. Noted as endemic and monotypic in Brazil.

rhapidopus: ref. *rhapidos*+ *pus*: needle-like + foot; footed. cf. *Pleurothallis rhapidopus*.

Rhaphidorhynchus: Finet 1907: ref. *rhapidos*: needle-like + snout; beak; nose. eg.

Rhaphidorhynchus fastuosus. syn. *Aerangis fastuosa*.

rhapiotes: ref. *rhapis*: stick; rod + the feature. cf. *Dendrobium rhapiotes*. Trivium: to show my total ignorance, when I first became involved with orchids, any that had a

relatively long, hard stem, I called it a “stick orchid”. This, then became: a “hard-cane orchid”.

rhedii: for orig.coll., Hendrik Adriaan van Reede tot Drakenstein (1637-1691). Dutch colonial administrator, naturalist, botanist and author (ref. “*Hortus Indicus Malabaricus*”), Governor of Malabar and Director of the East India Co. Descs. accr. to him are noted as: Rheede. Also noted, authorities queried Dr.Blume on the spelling of the specep. and he is reported to have said, to leave it as it is. cf. *Crepidium rhedii* Blume 1825.

rheedei: listed for orig.coll., see *rhedii*. ex Malabar (Coast), India, cf. *Microtis rheedei* Wight 1845. syn. *Malaxis versicolor*.

rheedii: see *rhedii*. ex India, cf. *Saccolabium rheedii* Wight 1851. syn. *Rhynchostylis retusa*.

rhellicani: listed for Swiss botanist and naturalist (mid 1500s), Johannes Mueller, who used the *nom de plume* of Rhellicanus. ex Switzerland, etc., cf. *Gymnadenia rhellicani* (Teppner & E.Klein) Teppner & E.Klein 1998.

rhenana: probably ref. *rhenanus*: of the Rhine River (*Rhenus*). Originates in east Switzerland and then to Austria, Liechtenstein, France, Germany and the Netherlands. cf. *Dactylorhiza rhenana* (Höppner) Soó 1962. syn. *D. traunsteineri*.

Rhinerrhiza: Rupp 1951: ref. *rhine*: a file + *rhiza*: root. The common name highlights this feature: “raspy root”. eg. *Rhinerrhiza divitiflora*. Monotypic and endemic to Aust.

Rhinerrhizopsis: Ormerod 2001: *Rhinerrhiza* + appearance. The plant is similar to *Rhinerrhiza*, but not the flowers, nor does it have “raspy roots”. Noted as monotypic. cf. *Rhinerrhizopsis moorei* (Rchb.f.) Ormerod 2001. Pers.coll., not uncommon ex PM.PNG., see sketch and notes at “M”.

rhinocera: nose + horn. cf. *Platystele rhinocera*.

Rhinocerontes: noted it alludes to a callus on the labellum, likened to the horn of a rhinoceros. = *Oncidium* section.

rhinoceros: not for the animal, but basically means the same. Ref. *rhinos*: nose; snout, etc. + horn. cf. *Malaxis rhinoceros*.

rhinophora: nose; snout + bearing. cf. *Masdevallia rhinophora*.

rhipido-: used in combwds., ref. *rhipidos*: fan; bellows. For any organ, part, or group being pleated, like a fan.

Rhipidoglossum: Schltr.1918: fan; bellows (see *rhipido-*) + tongue. ex trop. Africa, eg. *Rhipidoglossum pulchellum*.

Rhipidoglossum: as last entry.= *Diaphananthe* section.

rhipidoloba: see *rhipido-*+ lobe. cf. *Flickingeria rhipidoloba*. Pers.coll., not common ex PM.PNG.

rhpidolobum: see *rhipido-*+ lobe. cf. *Dendrobium rhipidolobum*. syn. *Flickingeria rhipidoloba*.

Rhipidorchis: D.L.Jones & M.A.Clem. 2004: see *rhipido-* + orchid. syn. *Phreatia* Lindl.

rhipsalisocia: ref. *Rhipsalis*: a genus of cactus (family: *Cactaceae*), + ref. *socius*: friend; companion. cf. *Rangaeris rhipsalisocia*. Of interest, see *henekenii* (cf. *Hispaniella henekenii*) which is epiphytic on cacti.

rhipsalisocium: as *rhipsalisocia*. cf. *Angraecum rhipsalicocium*. syn. *Rangaeris rhipsalisocia*.

rhitidocarpa: see *rhytidocarpa*. One or the other, must be a spelling or typ.error as the refs. are the same.

rhiza: descwd. Can be confusing as, primarily: root, but can also be for a rhizome. When used in compwds. as: *rhiz-*, etc. could have connotations, like: *rhizion*: small root; *rhizikos*: of roots; *rhizosis*: (of rooting) taking root; *rhizomatos*: mass of roots (or, fused into the one unit, as a rootstock, corm, tuberoid, etc.); *rhizoma*: same as *rhizomatos*, but also from *rhizoma* comes the adapted word, rhizome.

Rhizanthella: R.S.Rogers 1928. Noted as endemic to both, east and west Aust. See *rhiza* + flowers + dimin. The rhizomatous tuberoid becomes the "head" (of flowers) with only a small narrowing at the connection. eg. *Rhizanthella gardneri*. A subterranean holo-saprophyte, one of the mysterious "underground orchids". For clear and easy to understand info., see "Native Orchids of Australia" David L.Jones 1988, where he reveals most of the mysteries concerning these fascinating plants. The unsung hero with this species, is the farmer, Jack Trott, who accidently, originally found it and notified the **West.Aust.** state Government Botanist (see *gardneri*), for whom it is named. There is still much controversy, with the one from Qld., and/or NSW.(see *Cryptanthemis*), where many assert that it should be listed as a different genus (see *C. slateri*).

Rhizanthellidinae: *Rhizanthella* + like + suffix, denotes it's a subtribe.

x *Rhizanthera*: P.F.Hunt & Summerh.1965. A translation doesn't apply as the name is taken from the parents. Listed as a cross of *Dactylorhiza* x *Platanthera*. ex Europe (Poland), eg. x *Rhizanthera intermedia* Bernardi 1988.

rhizanthium: see rhizome + flowered. cf. *Angraecum rhizanthium*.

Rhizobium: see *rhiza*, rhizome + suffix: characteristic, or feature (of). = *Dendrobium* section.

Rhizocaulon: see *rhiza* + stem; stalk. Only has roots from the base of the pseudobulb (: the "stem") and not from the rhizome. = *Bulbophyllum* section.

Rhizocorallon: Hall.1754: root(s) + ref. *corallum*; *korallion*: coral. syn. *Corallorrhiza*.

rhizomaniacum: roots + ref. *maniacum*: of madness. Has a most prolific root system. cf. *Angraecum rhizomaniacum*.

rhizomatosa: see *rhiza* and ref. *rhizomatos*. + Can be: having a mass of roots, or may be for an obvious, well formed rhizome. With this example, is probably for the latter. cf. *Oberonia rhizomatosa*.

rhizomatosum: as *rhizomatosa*. cf. *Bulbophyllum rhizomatosum*.

rhizomatosus: as *rhizomatosa*. cf. *Elleanthus rhizomatosus*.

rhizomatous: of, like, or for anything to do with a rhizome. + See *rhiza*, rhizome.

rhizome: see *rhiza* and ref. *rhizoma*. Of an epiphyte: a cord-like growth connecting stems, or pseudobulbs. Can be branching, often sheathed, scaly, hairy, bracted, thick, thin and can be quite long, or so short as to appear almost non-existent. Terrestrials also have rhizomes, connecting to stems, stolons, tuberoids, etc.

rhizophorae: see *rhiza* + bearing. For the roots, or the rhizome (?). The description doesn't highlight either of them, but it probably refs. to the rhizome. cf. *Bulbophyllum rhizophorae*. syn. *Bulbophyllum falcatum* var. *velutinum*.

rhizophorum: see *rhiza* + bearing. + Note the “correct name” and see *radicans*. cf.

Epidendrum rhizophorum. syn. *E. radicans*.

rhod-, *rhodo-*: used in compwds., ref. *rhodon*: rose. Could be confusing, but with orchids, have only seen it mostly as a ref. to colour: rose-pink; rosy + for many shades of “pink”, through to almost red, although there are a few exceptions.

rhodacrum: rosy + at the top. Ref. tips of tepals. cf. *Zygopetalum dayanum* var. *rhodacrum*.

rhodanensis: for place name (+ from). This species is noted to be from eastn. France, into Switzerland, etc. Found a ref. to the Rhodanic Republic, decreed by Napoleon (1802), for this region (which seems to fit the listing). cf. *Epipactis bugacensis* ssp. *rhodanensis* Gévaudan & Robatsch 2003.

rhodantha: see *rhod-* + flower (they are a beautiful pink). cf. *Disa rhodantha*.

rhodanthum: see *rhod-* + flower. ex Sth. Africa, cf. *Satyrion* x *rhodanthum* Schltr. 1907.

rhodantherum: rosy (pink) + see anther. cf. *Taeniophyllum rhodantherum*.

rhodellus: a vague colour term: rosy + dimin.: pinkish; a paler pink.

rhodesiaca: see *rhodesica*. cf. *Disa rungweensis* var. *rhodesiaca* Summerh. 1937. syn. *D. zimbabweensis*.

rhodesiana: as *rhodesianum*. cf. *Tridactyle rhodesiana* (Rendle) Schltr. 1918. syn. *T. tricuspis*.

rhodesianum: fortunately, this is listed as: of Rhodesia, Africa (so a lengthy entry is not necessary). cf. *Angraecum rhodesianum*. syn. *Tridactyle tricuspis*.

rhodesica: listed as Lat’ d. spelling for place name: belonging to Rhodesia, sthn. Africa. cf. *Disa rhodesica* Kraenzl. syn. *Disa satyriopsis*.

rhodia: listed as Lat’ d. spelling for place name: the Gk. island of Rhodes. cf. *Ophrys rhodia* (H. Baumann & Künkele) P. Delforge. 1986.

rhodiola: rose + dimin.: slightly rosy, or a small rose (?). cf. *Appendicula rhodiola*. syn. *A. torta*.

rhodoacra: rosy + see *acro-*: at the top. Ref. tips of sepals and petals, noted as: rosy-purplish. cf. *Pescatorea dayanana* var. *rhodoacra*.

rhodobalia: as *rhodobalion*. cf. *Ephemerantha rhodobalia*. syn. *Flickingeria rhodobalion*.

rhodobalion: rosy (-pink) + small cross. ex Sulawesi, Indon., cf. *Dendrobium rhodobalion*.

rhodobotrys: rosy (-pink) + see *botry-*: raceme; bunch. cf. *Dendrobium rhodobotrys*. syn. *D. obtusum*.

rhodobractea: see *rhod-* + of bracts. cf. *Eria rhodobractea*. syn. *E. mucronata*.

rhodobulbum: rosy + bulb. cf. *Dendrochilum rhodobulbum*.

rhodocardia: rosy + heart. cf. *Pleurothallis rhodocardia*. syn. *P. rowleei*.

rhodocentra: same comments as *rhodocentrum*. cf. *Callista rhodocentra*. syn. *Dendrobium rhodocentrum*.

rhodocentrum: see *rhod-* + see *-centrum*. Waded through the Latin description trying to determine if it’s for the centre (of the flower), or for the spur, but both are “pink”. cf. *Dendrobium rhodocentrum*.

rhodocheila: rosy + lip. cf. *Habenaria rhodocheila*.

rhodochila: rosy + lip. cf. *Calanthe rhodochila*.

rhodochilum: rosy + lip. cf. *Cymbidium rhodochilum*. syn. *Cymbidiella pardalina*.

Rhodochilus: rosy + lip. = *Calanthe* section.

rhododiodes: I said rosy + like + resembling, but is reported as: reddish-violet + resembling. cf. *Dendrobium rhododiodes*. syn. *D. calyculimentum*. Noted as endemic to PNG.

rhodoglossa: rosy + tongue. cf. *Pleurothallis rhodoglossa*. syn. *P. cordifolia*.

rhodoglossum: rosy + tongue. cf. *Bulbophyllum rhodoglossum*.

rhodoglossus: rosy + tongue. cf. *Zosterophyllum rhodoglossus*. syn. *Pleurothallis cordifolia*.

rhodoides: see *rhod*-+ resembling. cf. *Epidendrum rhodoides*.

rhodolepis: rosy + scale. cf. *Elleanthus rhodolepis*.

rhodoleuca: rosy + white. Has whitish flowers + rosy-red lateral lobes. cf. *Eria rhodoleuca*.

rhodoleucum: rosy + white. Has whitish flowers and rosy-red labellum. cf. *Bulbophyllum rhodoleucum*.

rhodoleucus: see *rhodoleuca*. cf. *Cylindrolobus rhodoleucus*. syn. *Eria rhodoleuca*.

rhodoneura: rosy + nerves (veins). cf. *Disperis rhodoneura*.

rhodoneuron: as *rhodoneura*. cf. *Bulbophyllum rhodoneuron*.

rhodoneurum: as *rhodoneura*. cf. *Dendrobium rhodoneurum*.

rhodopetalum: rosy + petals. cf. *Bulbophyllum rhodopetalum*. syn. *B. sandrangatense*.

rhodophylla: rosy + leaf. cf. *Lepanthes rhodophylla*.

rhodoptera: rosy + wing. cf. *Eria rhodoptera*.

rhodopterygia: as *rhodopterygium*. cf. *Callista rhodopterygia*. syn. *Dendrobium parishii*.

rhodopterygium: rosy + ref. *pterygos*: wing + dimin., or characteristic of (?). cf. *Dendrobium rhodopterygium*. syn. *D. parishii*.

rhodosepalum: rosy + sepal. cf. *Bulbophyllum rhodosepalum*.

rhodostachys: rosy + spike. Ref. the raceme (as, a spike). cf. *Oberonia rhodostachys*.

rhodostele: rosy + see *stèle*: pillar; column. cf. *Dendrobium rhodostele*.

rhodosticta: rosy + ref. *stictos*: dotted; spotted. cf. *Maxillaria rhodosticta*. + See next entry.

rhodosticta: cf. *Aerangis rhodosticta*. Did another entry as it isn't spotted, plural. Has a rather bright red projecting anther (: only one spot) and with the rest of the flower being white, is an extremely simple and beautiful contrast.

rhodostictum: rosy + dotted. cf. *Bulbophyllum rhodostictum*.

rhodostoma: rosy + see *stoma*: mouth, etc. cf. *Dendrobium* x *rhodostoma* Rchb.f. Listed among the synonyms, with no further info.

rhodotantha: rosy + flower. Perhaps the "t" in the middle is intended as an emphasis, which would make the specep.: much, or most rosy + flower (?). cf. *Pleurothallis rhodotantha*.

rhomb-, *rhombi*-, *rhombo*-: used in combwds., ref. *rhombos*. A rhomb: a lozenge, or diamond-shaped figure (+ a geometrical shape, a parallelogram: a rhombus). Any organ, or part likened to the shape, see rhomboid.

rhombate: see *rhomb*-. Having the shape of, or likened to a rhomb, see rhomboid.

rhombea: having a rhomb. Ref. the petals, described as: obliquely rhombate. cf. *Glomera rhombea*. Noted as endemic to Papua, Indon.

rhombeum: as *rhombea*. cf. *Dendrobium rhombeum*. syn. *Dendrobium heterocarpum*.

rhombicalla: *rhomb*-+ see *calli*, *calli*-. cf. *Solenidiopsis rhombicalla*.

rhombifolium: rhomb-+ leaf. cf. *Bulbophyllum rhombifolium*. syn. *B. hymenochilum*.
rhombiglossus: rhomb-+ tongue. cf. *Mesadenus rhombiglossus*.
rhombilabia: rhomb-+ lip. cf. *Notylia rhombilabia*.
rhombilabium: rhomb-+ lip. cf. *Zygopetalum rhombilabium*. syn. *Chaubardia heteroclita*.
rhombilabris: rhomb-+ lip. cf. *Eria rhombilabris*. syn. *Trichotosia aurea*.
rhombipetala: see rhomb-+ petals, or as *rhombipetalum* (?). cf. *Lepanthes rhombipetala*. syn. *L. nanegalensis* Rchb.f.1877.
rhombipetalum: see rhomb-+ petals, or with -petalum: a broad, or wide rhomb (?). cf. *Dendrobium vannouhuysii* var. *rhombipetalum*.
rhombipetalus: as *rhombipetalum*. cf. *Telipogon rhombipetalus*.
rhombochilum: see rhomb-+ lip. cf. *Epidendrum rhombochilum*.
rhombocorys: see rhomb-+ korys: helmet. cf. *Habenaria rhombocorys*. syn. *H. trachypetala*.
Rhomboda: Lindley 1857: see rhomb-+ resembling. Has two rhomboid (-shaped) structures at the base of the labellum. ex India to New Guinea, eg. *Rhomboda lanceolata*.
rhomboglossa: rhomb-+ tongue. cf. *Phreatia rhomboglossa*.
rhomboglossum: see rhomb-, rhomboid + tongue. cf. *Bulbophyllum rhomboglossum*.
rhomboid: see rhomb-+ suffix: like, or having the shape, or form of. As a solid, could be likened to a child's spinning top, with corners, instead of being rounded. Or, on a flat plane, like a kite, or a diamond.
rhomboidalis: see rhomb-, rhomboid + suffix: of, etc. cf. *Diuris rhomboidalis*. syn. *Diuris abbreviata*.
rhomboidea: rhomb-+ like + of + see rhomboid. Ref. the lip. cf. *Stelis rhomboidea*.
Rhomboidea: as *rhomboidea*. = *Stelis* section. syn. *Stelis* section *Stelis*.
rhomboidiform: see rhomb-, rhomboid + form; shape. Not used very often, mostly the word used is rhomboid.
rhomboidiforme: as *rhomboidiformis*. cf. *Calonema rhomboidiforme*. syn. *Caladenia rhomboidiformis*. + See next entry.
rhomboidiformis: rhomboid + shape; form. cf. *Caladenia rhomboidiformis*. Noted as endemic to West.Aust.
rhombopetala: as *rhombopetalum*. cf. *Pleurothallis rhombopetala*. syn. *P. arcuata*.
Rhombopetalae: rhomb-+ petals (or, could be: a wide, or flat rhomb, see -petalo-). = *Masdevallia* section.
rhombopetalum: a broad, or flat rhomb, or has rhomboid petals (?). cf. *Dendrobium rhombopetalum*.
rhombophora: rhomb-+ bearing. cf. *Coelogyne rhombophora*. syn. *Dendrochilum rhombophorum*.
rhombophorum: rhomb-+ bearing. Ref. the petals. cf. *Dendrochilum rhombophorum*.
rhopal-, *rhopalo-*: used in compwds., ref. *rhopalon*: a club; cudgel; cosh. Any organ, part, or group likened to the shape. Having, or like a club; club-shaped.
Rhopalanthe: club + flower. = *Dendrobium* section.

Rhopalobium: club + suffix: characteristic of. = *Dendrobium* sub-genus. Distinguished by the stems being basally swollen between 1 to 3 internodes and then reverting to being slender. A good example, see sketch of *Dendrobium crumenatum* (at "C").

rhopaloblepharon: club + eyelashes. Ref. club-like hairs at the labellum mid-lobe. cf. *Buibophyllum rhopaloblepharon*.

rhopalobulbon: club + bulb. cf. *Dendrobium rhopalobulbon*. syn. *Flickingeria schinzii*.

rhopalocarpa: club + fruit (capsule). cf. *Pleurothallis rhopalocarpa*. syn. *P. cordata*.

rhopaloceras: club + horn. cf. *Angraecum rhopaloceras*. syn. *A. calceolus*.

rhopalochilum: club + lip. cf. *Bulbophyllum rhopalochilum*. syn. *B. oreonastes*.

rhopalophorum: club + bearing. Ref. the clubbed sepals (probably for paleae). cf. *Bulbophyllum rhopalophorum*.

rhopalorhachis: club + see rachis: flower stem part. cf. *Epidendrum rhopalorhachis*. syn. *E. hemiscleria*.

rhopalorrhache: club + see rachis: flower stem part. Ref. the fleshy rachis likened to a club. cf. *Trachoma rhopalorrhache*. syn. *Tuberolabium speciosum*. Pers.coll., not uncommon ex PM.PNG.

rhopalorrhachis: as *rhopalorrhache*. cf. *Tuberolabium rhopalorrhachis*. Pers.coll., very common ex PM.PNG.

rhopalostele: club + see stele: column, etc. cf. *Epidendrum rhopalostele*.

rhopalostigma: club + stigma. cf. *Habenaria rhopalostigma*.

rhopalura: club + tail. cf. *Masdevallia rhopalura*. syn. *M. molossoides*.

Rhophostemon: Wittst.1856: ref. *rophion*: small bush; shrub (?). Some refs. say *Rhopho-* is a contraction of *rhopalon*: club + *-stemon*: thread, or stamen. syn. *Nervilia*.

rhoumensis: listed as Lat'd. spelling for place name: from the island of Rum (aka., Rhum), off the central westn. coast of Scotland. cf. *Dactylorhiza maculata* ssp.*rhoumensis* (Hesl.-Harr.f.) Soó 1962.

rhynch-, *rhyncho-*: used in compwds., ref. *rhynchos*: snout; muzzle; nose; nozzle. Have also often noted the word described as a "beak". For any organ, part, appendage, or projection, alluding to a resemblance.

Rhynchadenia: A.Rich.1850: see *rhynch-* + gland + of. syn. *Macradenia* R.Br.

Rhynchandra: Rchb.1841: snout; beak + male. The anther has a small beak-like projection (of the operculum, or rostellum?). syn. *Corymborkis* Thouars.

rhynchantha: snout; beak + flower. cf. *Restrepia rhynchantha*. syn. *Barbosella cucullata*.

rhynchanthera: see *rhynch-* + flowers, or see anther (?). cf. *Stelis rhynchanthera*. syn. *S. lanceolata*.

Rhynchanthera: Blume 1826: see *rhynch-* + see anther. syn. *Corymborkis* Thouars.

Rhynchanthera: see *rhynch-* + see anther. = *Taeniophyllum* section.

rhynchanthoides: see *rhynch-* + anther, or flower (?) + resembling. Or, may have been compared to *Satyrium rhynchanthum* (?). cf. *Satyrium rhynchanthoides*.

rhynchanthum: see *rhynch-* + flower. cf. *Odontoglossum rhynchanthum*.

rhynchion: small snout; nose; beak, etc. cf. *Lepanthes rhynchion*.

rhynchocarpa: see *rhynch-* + fruit (capsule). cf. *Aa rhynchocarpa*. syn. *Myrosmodes rhynchocarpum*.

rhynchocarpum: as *rhynchocarpa*. cf. *Myrosmodes rhynchocarpum*.
 x *Rhynchocentrum*: auct. On the syn. list, cf. *Ascocentrum* x ***Rhynchostylis***.
rhynchoglossa: see *rhynch*-+ tongue. cf. *Pleurothallis rhynchoglossa*.
rhynchoglossum: see *rhynch*-+ tongue. cf. *Bulbophyllum rhynchoglossum*.
Rhynchogyna: Seidenf. & Garay 1973: snout; beak + woman (ref. to the stigma, or ovary?).
 ex Vietnam, eg. *Rhynchogyna fallax*.
rhyncholabium: see *rhynch*-+ lip. cf. *Cleisostoma rhyncholabium*.
Rhyncholaelia: Schltr. 1918: see *rhynch*-+ *Laelia*. Noted it's closely related to *Laelia*. ex
 Mexico, Belize and Guatemala, eg. *Rhyncholaelia glauca*.
 x *Rhynchonopsis*: auct. On the syn. list, cf. *Phalaenopsis* x ***Rhynchostylis***.
 x *Rhynchopapilisia* Garay & H.R.Sweet. On the syn. list, cf. *Luisia* x ***Papilionanthe*** x
Rhynchostylis.
Rhynchopera: Klotzsch 1844: see *rhynch*-+ purse; pouch. syn. *Pleurothallis* R.Br.
rhynchophora: see *rhynch*-+ bearing. cf. *Prosthechea rhynchophora*.
rhynchophorum: as *rhynchophora*. cf. *Epidendrum rhynchophorum*. syn. *Prosthechea*
rhynchophora.
Rhynchophreatia: (Schltr.) Schltr. 1921: see *rhynch*-+ *Phreatia*. eg. *Rhynchophreatia micrantha*.
 syn. *Phreatia micranta*. Pers.coll., quite common ex PM.PNG.
Rhynchophreatia: as last entry. Ref. the rostellum.= *Phreatia* section.
Rhynchostele: Rchb.f. 1852: see *rhynch*-+ see *stele*: pillar; column. ex Mexico, eg.
Rhynchostele aptera.
Rhynchostele: as last entry.= *Odontoglossum* section.
Rhynchostelis: Jackson 1895: as *Rhynchostele*. syn. *Leochilus* Knowles & Westc.
Rhynchostylis: Blume 1825: see *rhynch*-+ see *style*: column, etc. ex Cambodia, Thai., and
 Vietnam, eg. *Rhynchostylis coelestis*.
rhynchostyloides: see *rhynch*-+ see *style* + resembling. Or, *Rhynchostylis* + resembling (?).
 cf. *Eria rhynchostyloides*.
 x *Rhynchovandanth*: Garay & H.R.Sweet. On the syn. list, cf. *Euanthe* x ***Rhynchostylis*** x
Vanda.
 x *Rhynchovola*: auct. On the syn. list, cf. *Brassavola* x *Rhyncholaelia*.
 x *Rhyndoropsis*: auct. On the syn. list, cf. ***Doritis*** x *Phalaenopsis* x ***Rhynchostylis***.
rhyolitica: as *rhyoliticum*. cf. *Corunastylis rhyolitica*. syn. *Genoplesium rhyoliticum*.
rhyoliticum: rhyolite + belonging to. Rhyolite is listed as a fine-grained volcanic rock (of
 ancient lava), composed mainly of feldspar and quartz and looks something like
 granite. More info., read up on petrology for the composition of rocks. cf.
Genoplesium rhyoliticum. Noted as endemic to NSW., Aust.
rhytidi:- used in combwds., see *rhytido*-.
rhytido:- used in combwds., ref. *rhytidos*: wrinkle; pucker; fold. + Can be ref. to
rhytidome: the outer bark of a tree, shrub.
rhytidocarpa: see *rhytido*-+ fruit (capsule). cf. *Corymborkis rhytidocarpa*. syn. *Corymborkis*
veratrifolia.
rhytidothece: see *rhytido*-+ see *-theca*: a protective covering, etc. Ref. the rugulose sheaths,
 cf. *Dendrobium rhytidothece*.

Rhytionanthos: Garay, Hamer & Siegerist 1994. I interpret this as: small horn + flower.
 Ref. the involute lateral sepals, alluded to being horn-like. + Ref. a *rhyton*: in ancient Greece, was a drinking vessel, like a horn with an animal's head for a base. syn. *Bulbophyllum* Thouars.

ribes: ref. *ribes*: currant. + Was orig. a general word for a berry, esp. of certain plants, eg. currant; gooseberry, etc. + Ref. *Ribes*, a genus of the saxifrage family: *Saxifragaceae*. For some likeness to a berry; a currant; or the plant (?). cf. *Lepanthes ribes*.

ricasoliana: belonging to Ricasoli (village) of Arezzo, Tuscany, Italy. cf. *Orchis ricasoliana* Parl. 1860. syn. *Neotinea tridentata*.

ricartii: listed for Dr. Juan Ricart (+ of), a biologist of Puerto Rico. cf. *Cranichis ricartii* Ackerman 1989.

ricaurtensis: for place name (+ from), only listed as ex Colombia. Noted quite a few villages and a town named Ricaurte. cf. *Lepanthes ricaurtensis* Luer & R. Escobar 1994.

richae: listed for orig. coll., Mrs. Edith Rich (+ belonging to). cf. *Calochilus richae* Nicholls 1929. Noted as endemic to Vic., Aust.

richardiana: belonging to Richard. Listed for famous French phytologist, author and collector, Achille Richard [+ belonging to] (1794-1852). Descs. accr. to him are abbr. to: A. Rich. Ex sthn. India, cf. *Habenaria richardiana* Wight 1851.

richardianus: as *richardiana*. ex Nepal and India, cf. *Peristylus richardianus* Wight 1851.

richardsiae: listed for Mrs. Mary Richards (+ of). ex s.west Tanzania, Africa. cf. *Habenaria richardsiae* Summerh. 1960.

x *Richardsonara*: auct.: of Richardson. My only ref. is, see next entry. May also be for an entirely different person (?). On the syn. list, the result of *Aspasia* x *Odontoglossum* x *Oncidium*.

richardsoniana: Richardson + belonging to. Listed for phytologist and author, Ian Bertram Kay Richardson (b1940). ex Peru, cf. *Masdevallia richardsoniana* Luer 1988.

richteri listed for phytologist, K. Richter (+ of). Descs. accr. to him are abbr. to: K. Richt. cf. *Gymnadenia richteri* I. Györfy 1904. syn. *G. frivaldii*. + See next entry.

richteri: listed for botanist and author, H.G. Richter. ex Brazil, cf. *Catasetum richteri* Bicalho 1974.

ricii: possibly for phytologist, "Ric" Fernández. Noted as a co-author with David E. Bennett. ex Bolivia, cf. *Barbosella ricii* Luer & R. Vásquez 2000.

ricina: ref. *rica*: veil + *-ina*: veil-like. cf. *Lepanthes ricina*.

rickettii: of Rickett. Listed for phytologist, Harold William Rickett (1896-1989), Senior Curator of the New York Bot. Garden. ex Florida, USA., cf. *Triphora rickettii* Luer 1966. syn. *T. yucatanensis*.

rictoria: as *rictorium*. cf. *Pleurothallis rictoria*.

rictorium: ref. *rictus*: the open mouth + *-orium*: the action, or capability. Gaping; yawning. cf. *Bulbophyllum rictorium*. syn. *B. lucidum*.

ridicula: ref. *ridiculus*: exciting derisive laughter; absurd. Seems to have a similar usage, as English: ridiculous. cf. *Lepanthes ridicula*.

Ridleya: (Hook.f.) Pfitzer 1900, info. see *Ridleyella*.syn. *Thrixspermum* Lour.

ridleyana: belonging to Ridley, see *Ridleyella*. cf. *Lecanorchis ridleyana* Schltr.1911. syn. *L. malaccensis*.

ridleyanum: as *ridleyana*. ex New Guinea, cf. *Crepidium ridleyanum* (P.F.Hunt)

M.A.Clem.& D.L.Jones 1996. syn. *Malaxis ridleyana* P.F.Hunt 1970.

ridleyanus: as *ridleyana*. ex Peninsula Malaysia, cf. *Corybas ridleyanus* Schltr.1923.

x *Ridleyara*: auct.: of Ridley, see next entry. On the syn. list, the result of *Arachnis* x *Trichoglottis* x *Vanda*.

Ridleyella: Schltr.1913. Listed for Henry Nicholas Ridley (1855-1956) +-ella: respectful suffix. Famous Eng. phytologist, author, explorer, collector and authority, esp. on Malayan flora. For 23yrs. was Director of the Singapore Bot.Garden and was chiefly responsible for establishing rubber (trees) in Malaya. Descs. accr. to him are abbr. to: Ridl. eg. *Ridleyella paniculata*. Noted as monotypic and endemic to New Guinea.

Ridleyellinae: *Ridleyella* + suffix denotes it's a subtribe.

ridleyi: of Ridley, see *Ridleyella*. ex Java, cf. *Malaxis ridleyi* (J.J.Sm.) Bakh.f.1963.

riedelii: listed for botanist, Ludwig Riedel (1790-1861). ex Brazil, cf. *Habenaria riedelii* Cogn.1893. syn. *H. warmingii*.

rienanense: for place name (+ from), listed as ex s.east Madagascar. cf. *Bulbophyllum rienanense* H.Perrier 1937.

rigens: listed as ex *rigeo*: stiff; rigidity, etc. cf. *Caladenia rigens*. Noted as endemic to Sth.Aust. and NSW., Aust.

rigescens: tending to, or becoming stiff; rigid. cf. *Dendrobium rigescens*. syn. *D. concinnum*.

rigid: ref. *rigidus*: unbending; inflexible; stiff. An opp. to lax.

rigida: see *rigid*. cf. *Caladenia rigida*. Noted as endemic to Sth.Aust.

rigidifilum: rigid + thread. cf. *Bulbophyllum rigidifilum*.

rigidiflorum: rigid + flower. cf. *Epidendrum rigidiflorum*.

rigidifolia: rigid + leaf. cf. *Callista rigidifolia*. syn. *Dendrobium rigidifolium*.

rigidifolium: rigid + leaf. cf. *Dendrobium rigidifolium*. Noted as endemic to PNG.

Rigidiformes: rigid + form; shape.= *Coelogyne* section.

rigidiformis: rigid + form; shape. cf. *Coelogyne rigidiformis*.

rigidigitata: rigid + see digitate. cf. *Lepanthes rigidigitata*.

rigidipes: rigid + foot. cf. *Bulbophyllum rigidipes*.

rigidissima: rigid + very, etc. cf. *Sobralia rigidissima*.

rigidula: rigid + dimin. (: slightly stiff?). cf. *Caladenia logicauda* ssp.*rigidula*. Noted as endemic to West.Aust.

rigidulum: as *rigidula*. cf. *Dendrochilum rigidulum*.

rigidum: rigid. cf. *Dendrobium rigidum*. Ref. the lip. Pers.coll., quite common ex PM.PNG. and rather variable.

rigidus: rigid. cf. *Cylindrolobus rigidus*. syn. *Eria mucronata*.

-rima, -rimum, -rimus: emphatic suffixes used in combwds., same as -issima, etc.: definitely, etc. Mostly, I say: very.

Rimacola: Rupp 1942: ref. *rima*: a cleft; crack; fissure; split + resident; dweller. eg. *Rimacola elliptica*. Noted as monotypic and endemic to NSW., Aust.

rimannii: listed for orig.coll., H.Rimann, who worked for Sander's nursery, Eng. (c1880) ex Kanburi, Thai., cf. *Sunipia rimanii* (Rchb.f.) Seidenf.1980.

rimarima-alba: ref. *rima*: a crack; cleft; split, etc.+ see *-rima*: an emphasis; definitely, etc.+ "white". cf. *Masdevallia rimarima-alba*.

rindjaniense: from Gunung Rinjani (aka. **Rindjani**), a mtn. of Lombok island, of the Lesser Sunda Islands, Indon. cf. *Dendrobium rindjaniense* J.J.Sm.1925.

rindjaniensis: as *rindjaniense*. cf. *Peristylus rindjaniensis* J.J.Sm.1925.

ringens: gaping. For a flower, see *ringent*. cf. *Maxillaria ringens*.

ringent: ref. *ringi*, lit.: to show the teeth. Gaping, often applied to floral segments which are irregular and widely spaced. + Can ref. to the flower appearance: gaping, like an open mouth, eg. see *ringens*.

ringiflorum: see *ringent* + flower. cf. *Acanthephippium ringiflorum*. syn. *A. sylhetense*.

riobambae: I was looking for a river (*rio-*), but it's for Riobamba (now a fairly large city) Chimborazo Prov., Ecuador. cf. *Aa riobambae* Schltr.1921.

riodelayensis: for place name (+ from), listed as ex Oaxaca state, Mexico. cf. *Kionophyton riodelayensis* (Burns-Bal.) Catling 1989.

riograndense: from Rio Grande do Sul state, sthn. Brazil. cf. *Oncidium riograndense* Cogn.1906. syn. *Oncidium lietzei*.

riograndensis: as *riograndense*. cf. *Pleurothallis riograndensis* Barb.Rodr. syn. *P. pubescens*.

riojana: I was looking for a river (*rio-*). But, it's: belonging to **Rioja** (or, La Rioja) a region of La Rioja Prov., nthn. Spain. A famous wine-producing area. cf. *Ophrys riojana* C.E.Hermos. syn. *O. sphegodes*.

riopalenqueana: as *riopalenqueanum*. cf. *Cyrtorchiloides riopalenqueana*. syn. *Oncidium riopalenqueanum*.

riopalenqueanum: as *riopalenquensis* (with different suffix: belonging to). cf. *Oncidium riopalenqueanum* Dodson 1996.

riopalenquense: see next entry. cf. *Trigonidium riopalenquense* Dodson 1977.

riopalenquensis: for place name (+ from), only listed as ex Ecuador (Rio Palenque, or Riopalenque?). Also, it is possibly a combination of **Palenque**, a town of nthn. Ecuador and Los **Rios**, the province, of its location (?). cf. *Dichaea riopalenquensis* Dodson.

ripaensis: ref. *ripa*: shore; bank + suffix: from, etc.: from a river bank. cf. *Ophrys ripaensis*. syn. *O. apifera*.

riparia: see *riparius*. cf. *Malaxis riparia*.

riparium: see *riparius*. cf. *Satyrium riparium*.

riparius: descwd., ref. *ripa*: shore; bank + see *-are*: of, or relative to a river bank.

riphidolobum: this may be a typ.error, as all refs. are the same as *rhypidolobum*.

risaraldae: of Risaralda, only listed as ex Colombia. Noted, Risaralda Department (admin. division) and three villages in other, different Departments. cf. *Platystele risaraldae* Luer & R.Escobar 1994.

Risleya: King & Pantl.1898. Listed for the Hon.H.H.Risley of the Bengal Civil Service, ethnologist and author. ex Bhutan, eg. *Risleya atropurpurea*. Noted as monotypic.

ritaeana: see *Ritaia* (+ belonging to) ex India to Thailand, cf. *Flickingeria ritaeana* (King & Pantl.) A.D.Hawkes 1965.

ritae anum: as *ritaeana*. cf. *Dendrobium ritae anum* King & Pantl. 1897. syn. *Flickingeria ritaeana*.

Ritaia: King & Pantl.1898. Listed for M.Rita (+ of) of the Khasia Commission, India. eg. *Ritaia himalaica*. syn. *Ceratostylis himalaica*.

ritaia: as *Ritaia*. cf. *Ceratostylis ritaia* Schltr.1922. syn. *C. himalaica*.

ritaii: see *Ritaia*. ex nthn. India, cf. *Oberonia ritaii* King & Pantl.1897.

riteiwanensis: for place name (+ from), only listed as ex Taiwan. cf. *Phalaenopsis riteiwanensis* Masam.1934. syn. *P. equestris* (Schauer) Rchb.f.1849.

rivalis: descwd.: of, relative to, or for anything to do with a stream.

rivalis: see *rivalis*. cf. *Liparis rivalis*.

riviere anum: belonging to Rivière, see *rivieri*. ex Brazil. cf. *Oncidium riviere anum* St.-Lég.1904.

rivieri: of Rivière. Listed for botanist, naturalist and author, Charles Marie Rivière (1845-?). Descs. accr. to him are abbr. to: Riv. ex Brazil, cf. *Laelia rivieri* Carrière 1874. syn. *Sophranitis lobata*.

rivulare: ref. *rivulus*: small stream + see -are: of, or relative to a brooklet, or rivulet. Growing by a rivulet; small stream. cf. *Bulbophyllum rivulare*.

rivularis: as *rivulare*. cf. *Spathoglottis rivularis* Schltr. syn. *S. paulinae*. See sketch and notes at *Spathoglottis*.

rivularium: growing by a brooklet, or rivulet + of. cf. *Catasetum rivularium*.

rizalense: for place name: from Rizal Prov., Luzon, Philipp. cf. *Crepidium rizalense* (Ames) M.A.Clem.& D.L.Jones 1996. syn. *Malaxis purpurea*.

rizalensis: as *rizalense*. cf. *Liparis rizalensis* Ames 1920. syn. *L. grossa*.

rizeana: belonging to Rize, either for the coastal city, or the province, of nthn. Turkey. cf. *Dactylorhiza x rizeana* Renz & Taubenheim 1983.

robatschiana: for phytologist and author, Karl Robatsch. ex France, cf. *Gymnadenia x robatschiana* O.Gerbaud & W.Foelsche 1999.

robbrechtiana: listed for phytologist and author, Elmar Robbrecht [+ belonging to] (b1946). ex sthn. Zaire, cf. *Habenaria robbrechtiana* Geerinck & Schaijes 1987.

robertiana: listed for noted French botanist and authority, J.Robert [+ belonging to] (1776-1857). ex the Mediterranean region, cf. *Barlia robertiana* (Loisel.) Greuter 1967.

robertianum: as *robertiana*. cf. *Himantoglossum robertianum* (Loisel.) P.Delforge 1999. syn. *Barlia robertiana*.

robertsii: listed for orig.coll., J.Roberts, ex Qld., Aust. cf. *Dendrobium robertsii* F.Muell.ex Rupp 1934. syn. *Dendrobium mortii*.

robertsonii: listed for orig.coll., John George Robertson (1803-1862). A Scots botanist, spent many years working in Vic. and Tas. and amassed a major collection of

flora which he presented to the RBG., Kew, Eng. cf. *Calochilus robertsonii* Benth.1873.

robeus, robus: vague colour terms: rusty reddish-brown.

x *Robifinetia*: auct. On the syn. list, cf. *Neofinetia* x *Robiquetia*.

robinsonii: listed for orig.coll., botanist Herbert Christopher Robinson (+ of), who collected in the SE.Asia region. ex Sumatra, cf. *Malaxis robinsonii* (Ridl.) J.B.Comber 2001.

Robiquetia: Gaudich.1829. For Pierre Jean Robiquet (+ of) , a famous French chemist and investigator of medicinal plants. Noted among his discoveries are the important drugs, caffeine and morphine. eg. *Robiquetia gracilistipes*. Pers.coll., quite common ex PM.PNG.

robledorum: listed as ref. *Roble*: a Chilean beech tree (but it can also ref. to some oak trees) + ref. *doron*: gift. Or, could be *Roble* + like + belonging to (?) cf. *Dracula robledorum* (S.Ortiz) Luer & R.Escobar.

x *Robostylis*: auct. On the syn. list, cf. *Rhynchostylis* x *Robiquetia*.

robocinctum: brownish-red + girdle. The specep. is easily related to, for all of the centralised spotting of the flower. cf. *Thrixspermum robocinctum*. syn. *Sarcochilus hartmannii*. Noted as endemic to eastn. Aust.

robsonii: of Robson. For phytologist and author, Norman Keith Bonner Robson (b1928). ex Great Britain, cf. *Orchis* x *robsonii* Druce. Listed among the synonyms, without date, location, or "correct name".

robust: when seen in (English) discussions, is the same as our normal usage: strong; hale; healthy, etc. Originally our "robust", comes from *robustus*: oaken; made of oak. So, when "*robustus*" is seen in a Lat. description, it can have many other connotations, eg.: hard; tough; strong; durable; of great stature; of best quality; vigorous, etc. eg. In a description was: "... *caulis robustus*", which is extremely vague, as the stem (*caulis*), virtually, could be any of the above. Later found, on this occasion, it referred to the stem being hard, tough and strong.

robusta: see robust. cf. *Pterostylis robusta*. Noted as endemic to Aust.

robustior: see robust + suffix: harder; tougher; stronger, etc., or one who is robust (?). cf. *Habenaria robustior*.

robustissimum: see robust + suffix: very, etc. cf. *Oncidium robustissimum*.

robustum: see robust. cf. *Prasophyllum robustum*. Noted as endemic to Tas., Aust.

robustus: see robust. cf. *Elleanthus robustus*.

robysiana: belonging to Robyns. Listed for phytologist and author, André Georges Marie Walter Albert Robyns (b1935). ex sthn. Tanzania and Zambia, Africa, cf. *Platycoryne robysiana* Geerinck 1982. syn. *P. isoetifolia*.

rocalderianum: listed for R.O.Calder (Caldera ?) + belonging to (orig.coll.?). ex Colombia, cf. *Epidendrum rocalderianum* P.Ortiz & Hágsater 1999.

rochelii: for botanist and author, Anton Rochel (1770-1847). cf. *Orchis cordigera* forma *rochelii* Klinge. syn. *Dactylorhiza cordigera*.

rochussenii: listed for orig.coll., S.Rochussen (+ of), ex Java. cf. *Coelogyne rochussenii* de Vriese 1854.

rockii: of Rock. For phytologist and author, Joseph Francis Charles Rock (1884-1962). ex China, cf. *Oreorchis rockii* Schweinf.1929.

rodeiensis: from Rodeio, a town of Rio de Janeiro state, Brazil. cf. *Habenaria rodeiensis* Barb.Rodr.1881.

rodigasiana: listed for noted grower, phytologist and author, Emile Rodigas (1831-1902). Director of the *Ecole d'Horticulture* of Ghent, Belgium. cf. *Goodyera rodigasiana* L.Linden. Another of the lovely "jewel orchids", see sketch and notes at "J".

rodigasianum: as *rodigasiana*. cf. *Catasetum rodigasianum* Rolfe 1889. syn. *C. cernuum*.

rodocheila: maybe a typ.error?, same as *rhodocheila*.

x *Rodrettia*: auct. On the syn. list, cf. *Comparettia* x *Rodriguezia*.

x *Rodrichilus*: auct. On the syn. list, cf. *Leochilus* x *Rodriguezia*.

x *Rodricidium*: auct. On the syn. list, cf. *Oncidium* x *Rodriguezia*.

x *Rodridenia*: auct. On the syn. list, cf. *Macradenia* x *Rodriguezia*.

x *Rodriglossum*: auct. On the syn. list, cf. *Odontoglossum* x *Rodriguezia*.

Rodrigoa: Braas 1979. Listed for the given name: of Rodrigo Escobar of Medellin, Colombia. Authority, phytologist, author and collector who often worked with C.A.Luer (see *Luerella*). syn. *Masdevallia* Ruiz & Pav.

rodrigo: of Rodrigo, see *Rodrigoa*. ex Colombia, cf. *Stelis rodrigo* (Luer) Pridgeon & M.W.Chase 2001.

rodriguesiana: belonging to Rodrigues. Listed for phytologist and author, William Antonio Rodrigues. ex Brazil, cf. *Mormodes rodriguesiana* Salazar 1992.

rodriguesii: of Rodriguez, see *Rodrigueziella*. cf. *Bletia rodriguesii* (Barb.Rodr.) Cogn.1902. syn. *B. catenulata*.

Rodriguezia: Ruiz & Pav.1794. Listed for Spanish botanist and chemist, Don Manuel Rodriguez (+ of). ex Peru, eg. *Rodriguezia ensiformis*.

rodrigueziana: belonging to Rodriguez, see *Rodrigueziella*. cf. *Masdevallia rodrigueziana* Mansf.1928. syn. *M. wendlandiana*.

Rodrigueziella: Kuntze 1891. Listed for João Barbosa Rodriguez (1842-1909) + respectful suffix. A famous phytologist, author, collector and authority on Sth.American flora. Descs. accr. to him are abbr. to: Barb.Rodr. ex Brazil, eg. *Rodrigueziella gomezoides*.

Rodrigueziopsis: Schltr.1920. Could refer to either, see *Rodriguezia*, or *Rodrigueziella* (? By some listings of synonyms, it's probably *Rodriguezia*) +-opsis: appearance. ex Brazil, eg. *Rodrigueziopsis microphyton*.

x *Rodriopsis*: auct. On the syn. list, cf. *Ionopsis* x *Rodriguezia*.

roebelenii: was listed as such, see *roebelenii*. cf. *Paphiopedilum philippinense* var. *roebelenii* (Rchb.f.) Pfitzer 1903. + See next entry.

roebelenii: listed for Carl Roebelen (Roebelin?) + of (1855-1927), a Swiss mercenary who collected for famous Eng. nurserymen, Sander & Co. He found many new species and is noted for his discovery of *Euanthe sanderiana*. ex the Philipp., cf. *Paphiopedilum philippinense* var.*roebelenii* (H.J.Veitch) P.J.Cribb 1987.

roebelinianum: Roebelin + belonging to, see *roebelenii*. ex Colombia, cf. *Odontoglossum* x *roebelinianum* Sander.

roeblingiana: listed for noted grower, Charles Roebling (+ belonging to) of New Jersey, USA., first to flower it. ex the Philipp., cf. *Vanda roeblingiana* Rolfe 1894.

roeblingii: as *roeblingiana*. ex the eastn. Himalayas, cf. *Phaius roeblingii* O'Brien.

roei: listed for John Septimus Roe [+ of] (1797-1878), born Newbury, Eng. Was Surveyor-General of West.Aust. for 43yrs.(1828-'71). He surveyed the sites for both Perth and Fremantle and was an important explorer of the regions, s.east of Perth. Lake Roe, east of Kalgoorlie and Roe district are also named for him. + See *roensis*. cf. *Caladenia roei* Benth.1873. Noted as endemic to West.Aust.

roensis: for place name: from the Roe district, see *roei*. cf. *Pterostylis roensis* M.A.Clem.& D.L.Jones 1989. Noted as endemic to West.Aust.

Roeperocharis: Rchb.f.1881: for botanist, Johannes August Christian Roeper (1801-1885) + see *-charis*: respectful suffix. ex Ethiopia, eg. *Roeperocharis alcornis*.

roeperocharoides: see *Roeperocharis* + resembling. cf. *Disa roeperocharoides*.

roezliana: belonging to Roezl, as *Roezliella*. cf. *Lepanthes roezliana* Luer & R.Escobar 1988.

Roezliella: Schltr.1918. Listed for Benedikt (Benito) Roezl (1824-1885) + respectful suffix. Born in Prague, Czech., he had limited schooling, as at age 13yrs. started work as a gardener. Went to Mexico where he had his own nursery and there lost an arm in an accident. Then collected widely in the trop. Americas as a mercenary for Sander & Co., of Eng. Did not specialize in orchids, but made many new discoveries. ex Colombia, eg. *Roezliella malleifera*.

roezlii: of Roezl, see *Roezliella*. ex Costa Rica to Ecuador, cf. *Phragmipedium roezlii* (Rchb.f.) Garay 1979. syn. *P. longifolium*.

rogersii: H.M.R.Rupp found it and gave the specp. for noted Aust. phytologist, author and authority, Richard Sanders Rogers (1862-1942). cf. *Prasophyllum rogersii* Rupp 1928. Noted as endemic to eastn. Aust.

rogersii: listed for noted grower, Dr.B.Rogers of East Grimstead, Eng., first to flower it. cf. *Oncidium varicosum* var. *rogersii* Rchb.f.1870.

rohaniana: listed for Prince Camille de Rohan (+ belonging to) of Bohemia (Czech.). cf. *Dimorphorchis lowii* var.*rohaniana*. (Rchb.f.) K.W.Tan 1974.

rohanianum: as *rohaniana*. cf. *Aerides rohanianum* Rchb.f.1884. syn. *Aerides odoratum*.

rohlfsiana: belonging to Rohlfs. Listed for botanist (orig.coll.?), Gerhard Rohlfs (1831-1896). ex trop. Africa, cf. *Aerangis rohlfsiana* (Kraenzl.) Schltr.1918. syn. *A. brachycarpa*.

rohlfsianum: as *rohlfsiana*. cf. *Angraecum rohlfsianum* Kraenzl.1882. syn. *Aerangis bouarensis*

rohlfsianus: as *rohlfsiana*. cf. *Rhaphidorhynchus rohlfsianus* (Kraenzl.) Finet 1907. syn. *Aerangis bouarensis*.

rohrii: listed for botanist, naturalist and author, Julius Bernard von Rohr [+ of] (1686-1742). ex Brazil, cf. *Octomeria rohrii* Pabst 1951.

rojasiana: belonging to Rojas, see *rojasii*. cf. *Vanilla rojasiana* Hoehne 1941.

rojasii: listed for botanist and author, Nicolás Rojas Acosta [+ of] (1873-1947). ex Paraguay, cf. *Bulbophyllum rojasii* L.O.Williams 1940.

Rolfea: Zahlbr.1898. Listed for famous Eng. botanist and author, Robert Allen Rolfe (1855-1921). Phytologist for the RBG., Kew, Eng. Founder and editor of "The Orchid Review" for 27yrs. ex Panama, eg. *Rolfea powellii* Ames. syn. *Palmorchis powellii*.

rolfeana: belonging to Rolfe, see *Rolfea*. ex Costa Rica, cf. *Masdevallia rolfeana* Kraenzl.1891.

rolfeanum: as *rolfeana*. ex Thai., cf. *Bulbophyllum rolfeanum* (Rolfe ex Downie) Seidenf.& Smitin.1961. syn. *B. lepidum*.

rolfeanus: as *rolfeana*. ex Thai., cf. *Sarcanthus rolfeanus* King & Pantl.1897. syn. *Cleisostoma rolfeanum* (King & Pantl.) Garay.

x *Rolfeana*: auct.: of Rolfe, see *Rolfea*. On the syn. list, the result of *Brassavola* x *Cattleya* x *Sophranitis*.

Rolfeella: Schltr.1924: see *Rolfea* + respectful suffix. ex Madagascar, eg. *Rolfeella glaberrima*. syn. *Benthamia glaberrima*.

rolfei: of Rolfe, see *Rolfea*. ex n.east India, cf. *Bulbophyllum rolfei* (Kuntze) Seidenf.1979.

rolfiana: belonging to Rolfe, see *Rolfea*. ex the sthn. Andaman Islands, cf. *Zeuxine rolfiana* King & Pantl.1897.

rollissonii: listed for horticultural nurserymen, Messrs. Rollisson of Tooting, Eng. ex Brazil, cf. *Cattleya rollissonii* T.Moore 1861. syn. *C. labiata*.

romana: belonging to Rome, Italy. cf. *Dactylorhiza romana* (Sebast.& Mauri) Soó 1962.

romanzoffiana: listed for Nicholas Romanzoff. [+ belonging to] (1754-1826), a Russian minister of state. cf. *Spiranthes romanzoffiana* Cham.1828. + See "distribution".

romanzoffianum: as *romanzoffiana*. cf. *Ibidium romanzoffianum* (Cham.) House 1906. syn. *Spiranthes romanzoffiana*.

romanzowiana : see *romanzoffiana*. cf. *Gyrostachys romanzowiana* (Cham.) Macmillan 1892. syn. *Spiranthes romanzoffiana*.

rombucina: is a combwd. and was taken from the parents. Listed as a cross of *Dactylorhiza romana* x *D. sambucina*. cf. *Dactylorhiza* x *rombucina* (Cif.& Giacom.) Soó 1962.

romburghii: the type is listed as: "Sumatra, Romburgh" (+ of. For the orig.coll.). cf. *Bulbophyllum romburghii* J.J.Sm.1907.

romeroana: belonging to Romero. Noted four different authors this could be named for. Also it's listed as ex Oaxaca state, Mexico and could ref. to Romero city (?). cf. *Schiedeella romeroana* Szlach.1993.

ronda: listed for place name: Ronda, a little nth. of Gibraltar, in sthn. Spain. cf. *Ophrys tenthredinifera* var. *ronda* Schltr.

rondonense: for place name (+ from), listed as ex Rondônia state, Brazil (bordering Bolivia). Also, noted there are some towns and villages having "Rondon" in the name. cf. *Catasetum rondonense* Pabst 1967.

rondoniense: only listed as ex Brazil: from Rondon, or Rondônia (?), see *rondonense*, *rondonii*. cf. *Epidendrum rondoniense* L.C.Menezes 1990.

rondonii: this one is listed as ex Mato Grosso state, Brazil. Noted some towns and villages with this name in some form (eg. Maneco Rondon, General Rondon, Estação Rondon, etc.). cf. *Sobralia rondonii* Hoehne 1910.

rondosianum: belonging to Rondos. Listed for place name ex Huánuco Department, Peru. Noted three villages in the area, with this name. cf. *Epidendrum rondosianum* C.Schweinf.1943.

roohutuensis: (from Roohutu?) could be Lat'd., phonetic spelling for the Ryukyu Islands (Nansei-shoto), where this species can be found (among other locations). cf. *Microstylis roohutuensis* Fukuy.1932. syn. *Malaxis bancanoides*.

rootstock: often seen in older books and mostly refs. to an underground tuberoid, but have also seen it ref. to a rhizome. + See corm, *rhiza*.

Rophostemon: Endl.1837, see *Rhophostemon*. eg. *Rophostemon discolor*. syn. *Nervilia plicata*.

Rophostemum: Rchb.f.1841, see *Rhophostemon*. syn. *Pogonia* Juss.

roraimae: see *roraimense*. This one is listed as ex Venezuela. cf. *Koellensteinia roraimae* Schltr.1918.

roraimense: for place name (+ from), listed as ex Bolivar, Venezuela. May be: from Monte Roraima, and/or the town of Perai-tepuí de Roraima, both of Bolivar state, s.east Venezuela. cf. *Bulbophyllum roraimense* Rolfe 1896. + See next entry.

roraimense: another entry as this one is definite and listed as: from Roraima state, nthn. Brazil. cf. *Cyrtopodium roraimense* L.C.Menezes 1999.

roraimensis: see *roraimense*. ex Venezuela, cf. *Houlletia roraimensis* Rolfe 1901.

rorida: see *roridus*. cf. *Holothrix rorida*. syn. *H. pleistodactyla*.

roridus: descwd.: dewy; as if sprinkled with dew-drops.+ Can be likened to small blister-like lumps on a surface.

rorulentum: ref. *roris*: dew (+ see *roridus*: dewy) +*-ulenta*: an abundance. Ref. the lip's warty margin, may have been likened to dew-drops (?). cf. *Dendrobium rorulentum*. syn. *D. metachilinum*.

rosamariae: of Rosa Maria (village), Guayas Prov., Ecuador. cf. *Stelis rosamariae* Luer & Hirtz 2002.

rosans: reddening; pinkish. cf. *Goodyera rosans*. syn. *G. viridiflora*.

rose-, *rosei-*, *roseo-*: used in compwds. ref. *roseus*: of roses, or as a non-specific colour term: rose; rosy. Listed for many shades of pink, through to almost red.

rosea: see *rose-*: rosy. cf. *Trias rosea*.

roseaceus: ref. *roseus* + see *-acea*: like, etc. Noted this from a description and it's not for a colour. Listed as refs. to being likened to the shape of a single rose (flower).

roseans: reddening (blushing?). cf. *Anthosiphon roseans*.

roseata: see *roseate*. cf. *Habenaria roseata*. syn. *H. rostelifera*.

roseate: not used very often as it can be confusing. Mostly it's for a rose colour; like a rose; or, simply, "blooming". Can also refer to parts, or segments arranged in the fashion of and likened to those of a single rose (flower, + see *rosaceus*).

roseatum: see *roseate*. cf. *Dendrobium roseatum*.

roseatus: see *roseate*. cf. *Eurycaulis roseatus*. syn. *Dendrobium roseatum*.

rosefieldense: from Rosefield, a small town of La Salle, Louisiana, USA. Probably for where it flowered in cultivation (?). ex Vietnam, cf. *Cymbidium* x *rosefieldense* auct.

rosei: of Rose. Listed for botanist and author, Joseph Nelson Rose (1862-1928). ex Peru, cf. *Aa rosei* Ames 1922.

roseicolor: see *rose*-+ colour, cf. *Dendrobium roseicolor*.

roseipes: rosy + foot. Ref. the rosy basal part (: the foot) of the floral segments (+ the mentum and ovary). cf. *Dendrobium roseipes*.

rosella: see *rosellum*. cf. *Caladenia rosella*. Noted as endemic to Vic., Aust. Trivium: this probably has nothing to do with the orchid, but in Aust., a Rosella is a kind of very beautiful, multi-coloured parrot.

rosellata: see *roseate* + dimin. cf. *Cynorkis rosellata*.

rosellatum: as *rosellata*. cf. *Satyrium rosellatum*. syn. *Cynorkis rosellata*.

rosellum: see *rose*-+ dimin.. + Can be a vague colour term, for a reddish-rose colour. cf. *Dendrobium rosellum*. The flowers of this species are listed as a rosy-purple.

rosellus: as *rosellum*. cf. *Phaius rosellus*. syn. *Galeandra stylomisantha*.

rosenbergii: listed for orig. coll., J.Rosenberg ex Amboin (Ambon), Moluccas, Indon. cf. *Dendrobium rosenbergii* Teijsm.& Binn.1862. syn. *Dendrobium mirbelianum*. Pers.coll., see sketch and notes at "M".

rosenstromii: listed for orig.coll., G.Rosenstrom, ex the Daintree River area, Qld., Aust. cf. *Phalaenopsis amabilis* ssp.*rosenstromii* (F.M.Bailey) Christenson 2001.

roseoalba: rosy + see *albus*: a dull white. cf. *Pteroglossa roseoalba*.

roseoalbum: rosy + dull white. cf. *Centrogenium roseoalbum*. syn. *Pteroglossa roseoalba*.

roseoalbus: as *roseoalbum*. Listed as a natcross. cf. *Monacanthus* x *roseoalbus* Hook.1840. syn. *Catasetum* x *roseoalbum*.

roseocalcarata: rosy; rose + see *calcarate*: spurred. Or, could have a spur alluded to a rose thorn (?). cf. *Aerangis roseocalcarata*. syn. *A. calantha*.

roseocalcaratum: as *roseocalcarata*. cf. *Angraecum roseocalcaratum*. syn. *Aerangis calantha*.

roseoflavidum: rosy + see *flavidus*: pale yellow. Has pink floral segments with yellow tips. cf. *Dendrobium roseoflavidum*.

roseoflavidus: rosy + pale yellow. cf. *Monanthos roseoflavidus*. syn. *Dendrobium concinnum*.

roseola: see *roseolus*. cf. *Masdevallia roseola*.

roseolabia: rosy + lip. cf. *Eulophia roseolabia*.

roseolabius: rosy + lip. cf. *Lissochilus roseolabius*. syn. *Eulophia* .

roseolus: a vague colour term, see *rose*-+ dimin.: a paler pink; pinkish.

roseonervatum: see *rose*-+ *nerved* (veined). The pink flower has many darker rosy veins. cf. *Dendrobium roseonervatum*.

roseopunctata: rosy + dotted. cf. *Pleurothallis roseopunctata*. syn. *P. elegans*.

roseopunctatum: rosy + dotted. Ref. lateral sepals. cf. *Bulbophyllum roseopunctatum*.

roseopurpurea: rosy + purple. cf. *Polystachya johnstonii* var. *roseopurpurea*.

roseoscriptum: rosy + writing, alluding to the veins. cf. *Epidendrum roseoscriptum*.

roseostriatum: rosy + see *striate*. cf. *Dendrobium roseostriatum*.

roseotincta: rosy + tinged; tinted. cf. *Platanthera roseotincta*.

roseovariegata: rosy + variegated; mottled, etc. cf. *Oeceoclades roseovariegata*.

roseovariegatum: as *roseovariegata*. cf. *Eulophidium roseovariegatum*. syn. *Oeceoclades roseovariegata*.

rosette: any group of organs, or parts radiating outwards into the semblance of a single rose flower shape, eg. a rosette of leaves.

roseum: rosy; rose coloured. cf. *Epipogium roseum*.

roseus: as next entry. cf. *Sarcochilus roseus*. A lithophyte, noted as endemic to Qld., Aust.

roseus: descwd., can be a general word for anything to do with a rose (flower). Mostly, for us: rosy; rose coloured. + See *rosaceus*.

rosilloana: of Rosillo, see *rosilloi*. ex Mexico, cf. *Habenaria rosilloana* R.González 1997.

rosilloi: listed for Mexican orchidologist and authority, Salvadore Rosillo de Velasco of Guadalajara. ex Mexico, cf. *Malaxis rosilloi* R.González & E.W.Greenw.1984.

rosina: rose (? rosy) + like, or for the colour. cf. *Miltonia* x *rosina* Barb.Rodr.

rosoria: rose (rosy) + belonging to. Or, it may be ref. *rosus*: gnaw; chew + suffix: the action: (as if) gnawed; chewed (?). cf. *Lepanthes rosoria*.

rossiana: belonging to Ross. Listed for noted grower, H.J.Ross of Florence, Italy. ex Mexico to El Salvador, cf. *Lycaste rossiana* Rolfe 1893. syn. *L. cruenta*.

rossianum: see *rossii*. ex Mexico to Panama, cf. *Cynoches rossianum* Rolfe 1891. syn. *C. egertonianum* Bateman 1842.

rossii: listed for orig.coll., John Ross who collected in Mexico c1830-'40. Was also a valued employee of G.Barker of Springfield, USA. (+ see *Barkeria*). cf. *Rhynchostele rossii* (Lindl.) Soto Arenas & Salazar 1993.

Rossioglossum: (Schltr.) Garay & G.Kenn.1976. Listed as refs. to John Ross, see *rossii*. Dr.Schlechter had it as a section of *Odontoglossum* (1916) and the name was coined from the two. Then Garay & Kennedy separated it as a genus. ex Mexico, eg. *Rossioglossum grande*.

rostellare: as *rostellaris*. cf. *Angraecum rostellare*. syn. *Aerangis rostellaris*.

rostellaris: see *rostellum*, rostrate + suffix, -are: of, etc. cf. *Aerangis rostellaris*.

rostellata: see *rostellum* + suffix: like, or having a small beak. cf. *Appendicula rostellata*.

rostellatum: as *rostellata*. cf. *Cleisostoma rostellatum*.

rostellatus: as *rostellata*. cf. *Sarcanthus rostellatus*. syn. *Cleisostoma rostellatum*.

rostellum: lit., ref. *rostrum* + dimin.: a small beak. An important small section of sterile tissue that separates the stigmatic surface from the pollinarium, at the apex of the column. Many have a small projecting section, jutting out and is often likened to a beak.

rostelliferum: see *rostellum* + bearing. cf. *Habenaria rostellifera*.

rostrans: having, or like a beak; bill. cf. *Oncidium rostrans*.

rostrata: see rostrate: beaked. cf. *Habenaria rostrata*. syn. *H. magniscutata*.

Rostrata: see rostrate.= *Oncidium* section.

rostrate: ref. *rostratus*: beaked. Any organ, part, or appendage likened to a bird's beak. + A complete flower can also be called "rostrate".

rostratissima: see rostrate + emphasis: very, etc. cf. *Pleurothallis rostratissima*.

rostratula: rostrate + dimin. (slightly rostrate?). cf. *Malaxis rostratula*.

rostratum: see rostrate. cf. *Prasophyllum rostratum*. Noted as endemic to Tas., Aust.

rostratus: see rostrate. cf. *Sarcanthus rostratus*. syn. *Cleisostoma rostratum*.
rostrellifera: ref. *rostrum* + dimin.: small beak + bearing. cf. *Habenaria rostrellifera*.
rostriceps: beak + small head. cf. *Bulbophyllum rostriceps*.
rostriflora: beak + flower. cf. *Eria rostriflora*.
rostrigerum: beak + bearing. cf. *Epidendrum rostrigerum*.
rostrum: descwd.: beak; bill + can be: snout, etc. For any organ, part, or appendage, alluding to some resemblance.
rosula: descwd., sometimes seen in a description: small rose. Mostly implies being likened to a rosette. + See rosulate.
rosularis: descwd.: like a rosette. + See *rosula*, rosulate.
rosulata: see *rosula* + suffix, + see rosulate. cf. *Habenaria rosulata*.
rosulate: ref. *rosulatus*: like, or having a rosette. For grouped organs, or parts having the form of a rosette.
rosulatus: see rosulate. cf. *Arthrochilus rosulatus*.
rosulenta: rosy + see -ulenta: plenty, etc. cf. *Stelis rosulenta*.
rosulifolia: see *rosula* + leaves. cf. *Habenaria rosulifolia*.
rotate: ref. *rota* + suffix: having, or likened to a wheel. Read in a discussion "...rotate calli", and I thought them to be flat and round, like a wheel. So, went to the (Latin) description and it noted them as radiating on the labellum, thus likening the calli to spokes and the complete lip, as a "wheel".
rothschildiana: see next entry. ex Borneo, cf. *Cordula rothschildiana* (Rchb.f.) Rolfe 1912. syn. *Paphiopedilum rothschildianum*.
rothschildianum: belonging to Rothschild. Listed for Baron Ferdinand de Rothschild MP. of Aylesbury, Eng., a generous patron of horticulture. ex Mt.Kinabalu, Borneo, cf. *Paphiopedilum rothschildianum* (Rchb.f.) Stein 1892. + See next entry.
rothschildianum: listed for noted grower, the Hon.C.M.Rothschild (+ belonging to). ex India, cf. *Bulbophyllum rothschildianum* (O'Brien) J.J.Sm.1912.
rothschildianus: listed for noted grower, the Hon.Walter Rothschild, first to flower it. ex Africa, cf. *Ancistrochilus rothschildianus* O'Brien 1907.
rotulata: ref. *rotula*: small wheel + like; having. cf. *Ophrys aranifera* var.*rotulata*. syn. *O. sphegodes*.
rotunda: ref. *rotundus*: spherical; circular; round. cf. *Oberonia rotunda*.
rotundata: rounded; being round, + see *rotundatus*. cf. *Trichosalpinx rotundata*.
rotundatum: as *rotundata*. cf. *Epigeneium rotundatum*.
rotundatus: descwd.: rounded. Listed as mostly refs. to organs, or parts having a rounded apex, like a major arc of a circle.
rotundi-: used in combwds., ref. *rotundus*: rounded; almost circular, slightly longer than wide.
rotundiflorum: as *rotundi-*+ flower. cf. *Prasophyllum rotundiflorum*. syn. *P. odoratum*. Noted as endemic to sthn. Aust.
rotundifolia: see *rotundi-*+ leaf. cf. *Trichopilia rotundifolia*.
rotundifolium: *rotundi-*+ leaf. cf. *Epidendrum rotundifolium*.
rotundifolius: *rotundi-*+ leaf. cf. *Odontochilus rotundifolius*.

rotundiglossa: *rotundi*-+ tongue. cf. *Octomeria rotundiglossa*.
rotundilabia: *rotundi*-+ lip. cf. *Maxillaria rotundilabia*.
rotundilabium: *rotundi*-+ lip. cf. *Dendrochilum rotundilabium*.
rotundiloba: *rotundi*-+ lobe. cf. *Hetaeria rotundiloba*.
rousseauae: belonging to Rousseau. Listed for phytologist, Joseph Jules Jean Jacques Rousseau (1905-1970). Descs. accr. to him are abbr. to: J.Rouss. ex Panama, cf. *Aspasia rousseauae* Schltr.1922. syn. *A. principissa*.
rouxii: for J.Roux (+ of), phytologist and author (co-author with F.Sarasin, see *sarasinianus*). ex New Caledonia, cf. *Eulophia rouxii* Kraenzl.1914. syn. *Oeceoclades pulchra*.
rouyana: belonging to Rouy. Listed for phytologist and author, Georges C.Chr.Rouy (1851-1924). cf. *Orchis x rouyana* E.G.Camus. Listed among the synonyms, without date, location, or "correct name".
rowanae: listed for orig.coll., talented bot. artist and authority, Mrs.F.C.Rowan (+ of). ex nth. Qld., Aust., cf. *Phaius grandifolius* var. *rowanae* F.M.Bailey 1912. syn. *Phaius australis*.
rowleei: listed for botanist, Willard Winfield Rowlee [+ of] (1861-1923). ex Costa Rica to Ecuador, cf. *Pleurothallis rowleei* Ames 1922.
rowleyi: , ex Rio Molino, Oaxaca, Mexico, cf. *Epidendrum rowleyi* Withner & G.Pollard 1969. Listed as dedicated to J.Stewart Rowley, noted ornithologist and naturalist who was tragically killed in suspicious circumstances, whilst on a field trip 1969.
roxburghii: listed for orig.coll., botanist and author William Roxburgh [+ of] (1751-1815). From 1797-1814 was a director of the Calcutta Bot. Garden, India. Descs. accr. to him are abbr. to: Roxb. cf. *Bulbophyllum roxburghii* (Lindley) Rchb.f.1861.
royanensis: from Royan, a minor coastal city of Charente-Maritime, Poitou-Charentes, s.west France. cf. *Ophrys x royanensis* M.& O.Gerbaud & Henniker.
royenii: listed for phytologist, authority and authoritative collector, Pieter van Royen (b1923). Author of the outstanding work "The Alpine Flora of New Guinea" 1979-'80. cf. *Corybas royenii* Kores 1978. Noted as endemic to New Guinea.
royleana: belonging to Royle. For botanist, naturalist and author, John Forbes Royle (1798-1858). ex Afghanistan to the Himalayas, cf. *Epipactis royleana* Lindl.1840.
royleanum: as *royleana*. ex Canada to Mexico, cf. *Limodorum royleanum* (Lindley) Kuntze 1891. syn. *Epipactis gigantea*.
rube-, *rubi-*: used in combwds., ref. *ruber*: red; *rubidus*: reddish. Non-specific general terms, as can be for many shades of "red".
rubella: see *rubellus*. cf. *Pterostylis rubella*. syn. *P. trullifolia* Hook.f. Noted as endemic to North Island, NZ.
Rubellia: (Luer) Luer 2004: see *rubellus* + of (?). syn. *Pleurothallis* R.Br.
rubellum: as *rubellus*. cf. *Angraecum rubellum*.
rubellus: a vague colour term: a paler red; reddish; slightly red.
rubens: reddening; reddish. cf. *Pleurothallis rubens*.
rubeola: as *rubeolus*. cf. *Masdevallia rubeola*.
rubeolus: same as *rubellus*: a paler red; reddish; slightly red.

ruber: a general colour term for many shades of a plain, pure red.
ruberrima: *ruber*: red + emphatic suffix. Noted, it is most unusual, as when dried, the whole plant turns "very red". cf. *Oberonia ruberrima*.
rubescens: red + tending to; becoming. cf. *Laelia rubescens*.
rubeus: descwd.: reddening; becoming red.
rubicentrum: red + centre. The flower has heavy central "red" spotting. cf. *Sarcochilus rubicentrum*. syn. *Sarcochilus hartmannii*. Noted as endemic to eastn. Aust.
rubicunda: see *rubicundus*. cf. *Goodyera rubicunda*.
rubicundum: see *rubicundus*. cf. *Orchiodes rubicundum*. syn. *Goodyera grandis*.
rubicundus: listed as the one word, for a vague colour term: ruddy; blushing; reddish.
rubida: as *rubidus*. cf. *Eria flava* var. *rubida*. syn. *E. excavata*.
rubidus: descwd., see *rube-*. A general word for "red"; reddish.
rubifera: may be, red + bearing, and/or, see *rubiferum*. cf. *Eria rubifera*.
rubiferum: *rubi-*, here is ref. to *rubus*: blackberry + bearing. An excellent allusion to the inflo., likened to the blackberry fruit. cf. *Bulbophyllum rubiferum*.
rubigena: red + kind; type. Or, ref. *rubigo*, see *rubiginosus* + of; like, etc.(?). cf. *Pleurothallis rubigena*. syn. *P. ligulata*.
rubiginosa: see *rubiginosus*. cf. *Epipactis rubiginosa*. syn. *E. atrorubens*.
rubiginosum: see *rubiginosus*. cf. *Corycium rubiginosum*. syn. *Evotella rubiginosa*.
rubiginosus: a colour term. Listed as orig. ref. *rubigo*: rust-mold + an abundance, etc.: rust-red; rusty; a brownish-red.
rubineus: noted as a colour term: a deep ruby-red.
rubioi: could be for a person's name, but probably a place name. Noted many places called Rubio, in other provinces, but none from the given location: Esmeraldas Prov., Ecuador. cf. *Maxillaria rubioi* Dodson 1994. Trivium: looked it up, as I thought it might be for "ruby". Ref. Spanish, *rubio*: fair (+ fair-haired) + (Lat.) of.
rubipetalum: red + petals. In the discussion they are described as "scarlet". cf. *Bulbophyllum rubipetalum*.
rubr-, *rubri-*, *rubro-*: used in compwds., ref. *rubra*, *rubrum*, same as *rube-*: general prefixes for many shades of red.
rubra: red. cf. *Thelymitra rubra*. Noted as endemic to s.east Aust.
rubricaulis: red + stalk. cf. *Pterostylis graminea* var. *rubricaulis*. Noted as endemic to NZ.
rubricentrum: red + centre. The flower has many central orange-red dots; spots. cf. *Sarcochilus rubricentrum*. syn. *S. hartmannii*. Noted as endemic to eastn. Aust.
rubriflorum: red + flower. cf. *Limodorum rubriflorum*.
rubriflorus: red + flower. cf. *Scelochilus rubriflorus*.
rubrifolia: see *rubr-* + leaf. cf. *Octomeria rubrifolia*.
rubrigemmum: *rubr-* + *gemma*: red + jewel; gem. Has a beautiful ruby-red labellum. cf. *Cymbidium rubrigemmum*. syn. *Cymbidium ensifolium*.
rubrigermum: see *rubr-*: red + *germum*, could be ref. *germinis*: a bud; shoot. But, is more likely an error, see *rubrigemmum*. cf. *Cymbidium ensifolium* var. *rubrigermum*. syn. *Cymbidium ensifolium*.
rubrilabia: red + lip. cf. *Maxillaria rubrilabia*. syn. *M. cucullata*.

rubripetala: red + petals. cf. *Lepanthes rubripetala*.
rubrobracteata: red + bracted. cf. *Dactylorhiza sambucina* forma *rubrobracteata*. syn. *Dactylorhiza sambucina*.
rubrobrunneopapillosum: reddish-brown + see papillose. For the many scales and papillae. cf. *Bulbophyllum acutibracteatum* var. *rubrobrunneopapillosum*.
rubrocallosa: red + see callose, calli. cf. *Spiranthes rubrocallosa*.
rubrocallosum: as *rubrocallosa*. cf. *Thrixspermum rubrocallosum*. syn. *T. ridleyanum*.
rubrocalosa: red + see calli, calli-, calo-+ suffix: with many, etc. By the "correct name", it refs. to calli. cf. *Galeottiella rubrocalosa*. syn. *Microthelys rubrocallosa*.
rubrocentrum: red + centre. Ref. the flower's spotted centre. cf. *Thrixspermum rubrocentrum*. syn. *Sarcochilus hartmannii*. Noted as endemic to eastn. Aust.
rubrocinctum: red + girdled; encircled. Flower has many central orange-red spots; dots. cf. *Thrixspermum rubrocinctum*. syn. *Sarcochilus hartmannii*. Endemic to eastn. Aust.
rubrofusca: red + dark brown. cf. *Maxillaria rubrofusca*. syn. *Maxillaria nigrescens*.
rubroguttatum: red + see guttata: like a droplet, etc. cf. *Bulbophyllum rubroguttatum*.
rubroinversa: red + see inverse. cf. *Pleurothallis rubroinversa*.
rubrolabella: red + lip, or see labrum: edge, etc (?). cf. *Bletilla formosana* forma *rubrolabella*. syn. *B. formosana*.
rubrolabellum: as *rubrolabella*. cf. *Bulbophyllum rubrolabellum*.
rubrolabium: red + lip. cf. *Bulbophyllum rubrolabium*.
rubrolimbata: red + see limbate: hemmed; bordered. cf. *Pleurothallis rubrolimbata*.
rubrolineata: red + see lineate: lined, etc. cf. *Specklinia rubrolineata*.
rubrolineatum: red + lined. cf. *Bulbophyllum rubrolineatum*.
rubro-maculata: red + see maculate: spotted. cf. *Calanthe vestita* var. *rubro-maculata*.
rubromaculatum: red + spotted. cf. *Bulbophyllum rubromaculatum*.
rubronerve: red + nerve(s), or vein(s). cf. *Cypripedium rubronerve*.
rubro-oculata: red + see oculatus: eyed. Ref. dark red blotch at base of lip, likened to an eye. cf. *Calanthe vestita* var. *rubro-oculata* (syn.?).
rubropictum: red + painted. Ref. labellum lateral lobes. cf. *Dendrobium rubropictum*.
rubropunctata: red + dotted. cf. *Eria rubropunctata*. syn. *E. gagnepainii* A.D.Hawkes & A.H.Heller 1957.
rubropunctatum: red + dotted. cf. *Bulbophyllum rubropunctatum*. syn. *B. melanoglossum*.
rubrovena: red + ref. *vena*: vein. Not really veins, noted from the description, each leaf has three coppery-red longitudinal bands of soft downy hair. cf. *Goodyera rubrovena*.
rubroviolacea: red + violet + like (+ see violaceus). cf. *Dichaea rubroviolacea*.
rubroviolaceum: as *rubroviolacea*. cf. *Bulbophyllum rubroviolaceum*. syn. *Bulbophyllum resupinatum* var. *filiforme*.
rubroviridis: red + green. cf. *Glomera rubroviridis*. Noted as endemic to Papua, Indon.
rubrum: ruddy; reddish. cf. *Taeniophyllum rubrum*.
ruckeri: as *ruckeriana*. ex the Himalayas to Myanmar, cf. *Dendrobium ruckeri* Lindley 1843.

ruckeriana: listed for noted grower, Herr Rücker-Jenison (+ belonging to) of Flottbeck, Germany. cf. *Pescatorea ruckeriana* Rchb.f. Was listed as such + see *rueckeriana*.

ruderalis: descwd., ref. *rudus*; *runderis*: rubbish + relative to: growing in rubbish (as, of the forest floor, leaf litter; twigs, etc.). Was in a general discussion under the heading, "Habitat: *ruderalis*" (and of course, it wasn't in the glossary).

rudicula: a spatula; wooden spoon. cf. *Lepanthes rudicula*.

rudimentary: beginning; basic; vestige; incomplete; poorly, or imperfectly developed.

rudipetala: ref. *rudis*: rough (as, unpolished) + petals. cf. *Lepanthes rudipetala*.

Rudolfiella: Hoehne 1944. Listed for Rudolf Schlechter + respectful suffix. Info. see *schlechterianum*. ex the Caribbean to Sth. America, eg. *Rudolfiella aurantiaca*.

rudolfianum: as *Rudolfiella* (different suffix: belonging to). ex the trop. Americas, cf. *Epidendrum rudolfianum* Hoehne. syn. *Jacquinella globosa*.

rudolfii: see *Rudolfiella*. ex Brazil, cf. *Pleurothallis rudolfii* Pabst.

rudolfi-schlechteri: for Dr. Schlechter, see *schlechterianum*. ex Brazil, cf. *Habenaria rudolfi-schlechteri* Hoehne 1937. syn. *H. mitomorpha*.

rueckerae: as *rueckeri*. ex Venezuela, cf. *Epidendrum rueckerae* Rchb.f. 1865.

rueckeri: listed for noted grower, C. Ruecker (Rücker?) [+ of] of Wandsworth, Eng., first to flower it. ex Colombia to Venezuela. cf. *Anguloa rueckeri* Lindley 1846. Took this from a book, but the official listing is, *A. x ruckeri* Lindl.

rueckeriana: info. see *ruckeriana*. cf. *Pescatoria rueckeriana* Rchb.f. Listed among the synonyms, with no further info.

rueckerianum: as *rueckeriana*. Listed as ex Colombia to Venezuela, cf. *Odontoglossum x rueckerianum* Rchb.f. 1873. syn. *O. x andersonianum*.

rufa: ref. *rufus*: brownish-red. cf. *Pterostylis rufa*. Noted as endemic to s.east Aust.

rufescens: brownish-red + tending to; becoming. cf. *Maxillaria rufescens*.

ruff: mainly only used for an animal's mane, around the neck like an elaborate collar, eg. a lion's ruff. Was in an older book and described the lamellae (of *Pescatorea*) at the base of the labellum, surrounding the column, making the term very applicable.

rufi-, *rufo-*: used in combwds., ref. *rufus*: another vague word for "red"; reddish; reddish-brown.

ruficaudatum: reddish-brown + tailed. cf. *Bulbophyllum ruficaudatum*.

rufidulus: listed as an obscure ref. to one who has reddish hair. Also can be: *rufi-*+ like+ dimin.: a paler reddish-brown.

rufilabra: reddish-brown + lip, or see *labrum*: edge, etc.(?). cf. *Phyllorkis rufilabra*. syn. *Bulbophyllum rufilabrum*.

rufilabre: as *rufilabra*. cf. *Bulbophyllum rufilabre*. syn. *B. rufilabrum*.

rufilabris: as *rufilabra*. cf. *Oberonia rufilabris*.

rufilabrum: as *rufilabra*. cf. *Bulbophyllum rufilabrum*.

rufina: see *rufinum*. cf. *Phyllorkis rufina*. syn. *Bulbophyllum rufinum*.

rufinula: according to the discussion, this means: dull yellowish + dimin. All of my refs. state that words starting with *rufi-*, are for some form of reddish-brown. I would

break this word into, *ruf-* + *-in-* + *-ula*: reddish-brown + like + dimin.: a paler, or slightly reddish-brown (?). cf. *Polystachya rufinula*. syn. *Polystachya odorata*.

rufinum: reddish-brown + see *-ina*: like, or for the colour. cf. *Bulbophyllum rufinum*.

rufinus: as *rufinum*. cf. *Colax jugosus* var. *rufinus*. syn. *Pabstia jugosa*.

rufobrunnea: *rufo-* + *brunnea*: (a) reddish-brown + brown, or could be just (a) red + brown (?). cf. *Stelis rufobrunnea*.

rufolutea: reddish-brown + ref. *luteus*: yellow. cf. *Masdevallia rufolutea*. syn. *M. picea*.

rufulus: descwd., listed as very similar to *rufidulus*: a paler reddish-brown.

rufum: reddish-brown. cf. *Genoplesium rufum*. Noted as endemic to NSW., Aust.

rufus (+ have noted it as: *ruffus*): a vague colour term: reddish-brown. + See *rufi-*.

rugate: having a wrinkle; wrinkled. Not used very often, mostly you'll see *rugose*.

ruginosa: see *ruginose*, *rugose*. cf. *Sayeria ruginosa*. syn. *Dendrobium ruginosum*.

ruginose: same as *rugose*: wrinkled; creased; corrugated, etc. The word is not listed in my English dictionaries and I noted it from a ref. to a combwd., *ruginosus*, being defined as: *ruginose*. Ref. *rugosus* and the middle *-in-* (see *-ina*): having the quality of; like, etc.

ruginosum: see *ruginosa*, *rugose*. cf. *Dendrobium ruginosum*.

rugosa: see *rugose*. cf. *Eria rugosa*. syn. *E. javanica* (Sw.) Blume 1836.

rugose: ref. *ruga*: a wrinkle, + *rugosus*: wrinkled; with many wrinkles. + Can mean: creased; folded; corrugated.

rugosibulbum: see *rugose* + *bulb*. cf. *Bulbophyllum rugosibulbum*.

rugosilabia: wrinkled + lip. cf. *Polystachya rugosilabia*.

rugosisepalum: wrinkled + sepal(s?). cf. *Bulbophyllum rugosisepalum*.

rugosulum: see *rugose* + dimin.: slightly, or finely wrinkled. cf. *Saccolabium rugulosum*. syn. *Cleisostoma striatum*.

rugosulus: as *rugosulum*. cf. *Sarcanthus rugosulus*. syn. *Cleisostoma striatum*.

rugosum: wrinkled. Ref. exterior of the sepals. cf. *Bulbophyllum rugosum*.

rugosus: a descwd., often seen in descriptions. See *rugose*: wrinkled, etc.

rugulosa: see *rugulose*. Has finely wrinkled leaf-sheaths. cf. *Glomera rugulosa*. syn. *G. montana*.

rugulose: see *rugose*, with an added dimin., + ref. *rugulosus*: with small, or fine wrinkles. Or, can be: partly wrinkled.

rugulosum: see *rugulose*. cf. *Dendrobium rugulosum*.

rugulosus: see *rugulose*. cf. *Sarcanthus rugulosus*. syn. *Cleisostoma striatum*.

ruidilobum: ref. *ruidus*: rough + lobe. cf. *Dendrobium ruidilobum*. syn. *D. cochliodes*.

ruiziana: as *ruizianum*. ex Peru, cf. *Vanilla ruiziana* Klotzsch 1846.

ruizianum: listed for Spanish botanist, naturalist and author, Hipólito Ruíz López [+ belonging to] (1754-1815). With colleague, José Antonio Pavón (see *pavonii*), they were sent by the Spanish government, initially to Peru (1777), to search for "Peruvian bark" (see *Cinchona*). Not specialising in orchids, they collected widely in Mexico, Peru, Chile, etc. for approx. 10yrs., making many notable discoveries of flora new to science. Descs. accr. to them are noted as: Ruiz & Pav. cf. *Epidendrum ruizianum* Steud. 1840.

ruizii: as *ruizianum*. cf. *Elleanthus ruizii* (Rchb.f.) Rchb.f.1849.

rumphiae: cf. *Cadetia rumphiae* Rchb.f.1861, info. see *rumphii*. But this has a fem. suffix, so could be for his wife Susanna (?), see *susannae*.

rumphianum: see *rumphii*. cf. *Grammatophyllum rumphianum* Miq.1869.

rumphii: of Georg Eberhard Rumph (1628-1702), a German merchant who lived on Ambon (Island), Maluku Isls., Indon. An authoritative collector and author. cf. *Coelogyne rumphii* Lindley 1854.

runcinate: ref. *runcina*: a plane (smoothing tool) + like, etc. Here, for some reason, it alludes to resembling a saw. Serrated, or having large, coarse, saw-like teeth, pointing backward.

rungweensis: listed for place name: from Rungwa (village), s.west Tanzania, Africa. Noted there are three with the same name, just n.west of Lake Rukwa. cf. *Cynorkis rungweensis* Schltr.1915.

ruparupaensis: for place name (Ruparupa + from?), only listed as ex Peru. cf. *Sobralia ruparupaensis* D.E.Benn.& Christenson 2001.

rupecent: ref. *rupes*: rock. Of habitats: growing on rock. + See lithophyte, saxatilis.

rupestre: ref. *rupestris*: rocky; of rocks. Of habitats: grows on rock. Probably first found as a lithophyte, but is listed as also epiphytic on shrubs and trees. cf. *Dendrobium rupestre*. Noted as endemic to New Guinea.

rupestris: as *rupestre*. cf. *Phreatia rupestris*.

rupicola: ref. *rupes*: rock + dweller; resident. cf. *Appendicula rupicola*.

rupicolous: lives on, or among rocks. Rock dwelling. + Ref. lithophytic (see lithophyte).

rupicolum: as *rupicola*. cf. *Dendrobium rupicolum*.

rupicolus: as *rupicola*. cf. *Podochilus rupicolus*. Took this from a book, but there isn't any official listing. syn. *Appendicula rupicola* (?).

rupincola: as *rupincolum*. cf. *Eulophia rupincola*. syn. *E. parviflora*.

rupincolum: this may be an error for *rupicolum*. If not, the "in" in the middle could make this: *rupin*+-*colum*: rock-like + dweller. Or, more likely, *rup*- is a contraction of *rupes*: rock + *incolum* (see *-incola*): dweller, etc.(which is still the same as *rupicolum*). cf. *Bulbophyllum rupincolum*. syn. *B. saltatorium* var. *calamarium*.

ruppiana: see *ruppianum*. cf. *Tropilis ruppiana* (A.D.Hawkes) Butzin 1982. syn. *Dendrobium jonesii*. + See next entry.

ruppianum: listed for the Rev.Herman Montague Rucker Rupp (1872-1956) + belonging to. A famous Aust. author, phytologist, authoritative collector and meticulous bot. artist. Put his biography on your reading list.: Ref. "The Orchid Man" Lionel Gilbert.1992 (I found it hard to put the book down). cf. *Dendrobium ruppianum* A.D.Hawkes ex F.Gordon 1964. syn. *D. jonesii*. Noted as endemic to Qld., Aust.

ruppii: of Rupp, see *ruppianum*. cf. *Genoplesium ruppii* (R.S.Rogers) D.L.Jones 2001. Noted as endemic to eastn. NSW., Aust.

ruppiosum: I saw this and said "not possible"! Then noted the epithet was coined from the parents. They were listed as *Dendrobium speciosum* var.*curvicaule* x *D. ruppianum* (hence, *ruppiosum*). Later, was proved to be: *Dendrobium jonesii* x *D.*

pedunculatum (ref. M.A.Clements, Catalogue of Australian Orchidaceae 1989). cf. *Dendrobium* x *ruppiosum* Clemesha 1982. Noted as endemic to nth.Qld., Aust.

ruppiosus: same as *ruppiosum*. cf. *Thelychiton* x *ruppiosus* (Clemesha) M.A.Clem.& D.L.Jones 2002. syn. *Dendrobium* x *ruppiosum*.

ruprechtiana: belonging to Ruprecht. For botanist, naturalist and author, Franz Josef Ivanovich Ruprecht (1814-1870). Descs. accr. to him are abbr. to: Rupr. ex Brazil, cf. *Stelis ruprechtiana* Rchb.f.1849.

ruprechtii: see *ruprechtiana* (same man?). ex Turkey to central Asia, cf. *Dactylorhiza ruprechtii* Aver 1983. syn. *D. flavescens*.

Rusbyella: Rolfe 1896. listed for Dr.Henry Hurd Rusby (1855-1940) + respectful suffix. A physician, phytologist who specialised in medicinal plants. Was Prof. of Botany, Materia Medica and then Dean, Columbia Univ. College of Pharmacy (USA.) and a founder of the New York Bot.Gardens. syn. *Cyrtochilum* Kunth.

rusbyi of Rusby, see *Rusbyella*. ex Bolivia, cf. *Stelis rusbyi* Rolfe 1895.

ruscaria: could be: like a broom (the suffix: like, etc., and/or for an action). Or, ref. *ruscarius*: of "broom": common name for plants of the family, *Fabaceae* (not orchids). Also ref. *Ruscus*: a genus of the lily family (*Liliaceae*) + again, the suffix: like, etc., and/or refs. to an agency (ie., the means for producing an action). cf. *Pleurothallis ruscaria*.

ruschii: of Ruschi. For botanist, August Ruschi. ex Brazil, cf. *Trichosalpinx ruschii* (Hoehne) Luer 1983.

ruscifolia: could be ref. *ruscum*, commonly: "butcher's broom" (plant of the family, *Fabaceae*. Not orchids), or *Ruscus*, a lily (see *ruscaria*) + leaf. cf. *Pleurothallis ruscifolia*.

ruscifolium: as *ruscifolia*. cf. *Dendrobium ruscifolium*. syn. *Pleurothallis ruscifolia*.

ruscifolius: as *ruscifolia*. cf. *Pleurothallis ruscifolius*. syn. *P. ruscifolia*.

rusituensis: for place name (Rusitu? + from), listed as ex east Zimbabwe, Africa. cf. *Aerangis rusituensis* Fibeck & Dare 1997.

russeliana: see next entry (?). ex Colombia, cf. *Pescatoria russeliana* Rchb.f.1878.

russelliana: was listed as such, in the book I was working on and yet, the official list spells it with only one "l". Was said to be for noted grower, Provost Russell of Falkirk, England. ex Colombia, cf. *Pescatorea russelliana* Rchb.f. + See next entry.

russelliana: of Russell. Listed to be for the given name of the Duke of Bedford, Woburn, Eng., first to flower it. ex Mexico to Venezuela, cf. *Clowesia russelliana* (Hook.) Dodson 1975.

russellianum: for the Duke of Bedford, see *russelliana*. cf. *Catasetum russellianum* Hook.1840. syn. *Clowesia russelliana*.

russellii: listed for orig.coll., A.J.Russell (+ of), ex Qld., 1944. cf. *Pterostylis russellii* T.E.Hunt 1952. Noted as endemic to Aust.

russeus: lit., reddish. cf. *Calochilus russeus*. Noted as endemic to NSW., Aust.

russonensis: from Russon (: Rutten), a town of Limburg (admin. division), Belgium. cf. *Ophrys* x *russonensis* H.Baumann & Künkele.

russowii: may be for a person's name (+ of). Among the given locations it's also listed as ex Poland, so ref. Russów, a town of Wielkopolskie (?). cf. *Dactylorhiza russowii* (Klinge) Holub 1964.

russulus: ref. *russus* + dimin. (+ is the one word): a vague colour term: a paler reddish-brown (+: a paler russet).

russus: one major ref. simply defines this as: "red", or "wearing red". Other refs., say it's mostly for shades of "brown", as russet; bay coloured; chestnut-brown, etc.

rustica: descwd., ref. *rusticus*: rustic; rural; of, to do with, or belonging to the country.

rusticum: as *rustica*. cf. *Cyrtorchilum rusticum*.

rutaceous: ref. *ruta*: rue + suffix: likened to the rue family of shrubs and trees: *Rutaceae*. The word is seen in discussions in comparison, alluding to some resemblance.

rutenbergiana: belonging to Rutenberg. For German naturalist, Diedrich Christian Rutenberg (1851-1878). Noted, he was killed in Madagascar, allegedly by bandits, or hostiles. cf. *Jumellea rutenbergiana* (Kraenzl.) Schltr. 1915. syn. *Angraecum rutenbergianum*.

rutenbergianum (+ have noted it as, *ruthenbergianum*): see *rutenbergiana*. cf. *Angraecum rutenbergianum* Kraenzl. 1882.

rutenbergianus: as *rutenbergiana*. ex Madagascar, cf. *Lissochilus rutenbergianus* Kraenzl. 1882. syn. *Eulophia livingstoneana*.

ruthei: listed for botanist, Johann Friedrich Ruthe [+ of] (1788-1859). ex Europe to Siberia, cf. *Orchis ruthei* M. Schulze ex Ruthe. syn. *Dactylorhiza traunsteineri*.

rutidobulbon: see *rutilus*: dark red, etc. + like + bulb. Noted from the discussion, at first glance the very dark red of the pseudobulb, appears almost black. cf. *Eriopsis rutidobulbon*.

rutila: see *rutilus*. cf. *Diaphananthe rutila*. syn. *Rhipidoglossum rutilum*.

rutilum: see *rutilant*, *rutilus*. cf. *Rhipidoglossum rutilum*.

rutilans: see *rutilant*, *rutilus*. cf. *Ione rutilans*.

rutilant: see *rutilus*. Coloured in a mix of dark reds and orange with a metallic lustre. + Can imply: glittering; shining.

rutilus: ref. *rutilus*: another word for "red". + Listed as a colour term: a full, deep, rich brick-red, with a slight metallic lustre.

rutilus: see *rutilant*, *rutilus*. cf. *Aeranthus rutilus*. syn. *Rhipidoglossum rutilum*.

rutriferum: ref. *rutrum*: a shovel; spade + bearing. cf. *Dendrobium rutriferum*.

rutrum: a shovel; spade. cf. *Lepanthes rutrum*.

ruttenii: listed for orig. coll., L. Rutten (+ of). Listed as ex Ceram Island, Moluccas (Maluku), Indon. cf. *Dendrobium ruttenii* J.J. Sm. 1920.

ruwenzoriensis: from the Ruwenzori Range (aka., the "Mountains of the Moon"), bordering Congo (DRC.) and Uganda. cf. *Eulophia ruwenzoriensis* Rendle 1895.

rwandensis: from Rwanda, central eastn. Africa. cf. *Summerhayesia rwandensis* Geerinck. Listed as an uncertain synonym.

rynch-, *ryncho-*: used in combwds., see *rhynch-*: snout; beak, etc.

Rynchadenia: A. Rich. 1853: ref. *rhynchos*, see *rhynch-*: beak; snout, etc. + see *aden*: gland. Ref. the rostellum. syn. *Macradenia* (: large + gland).

ryozoana: listed for place name (+ belonging to), ex Palau Island, of the Caroline Islands.
cf. *Phreatia ryozaana* Tuyama 1939.

rypaloglossa: listed as ref. *rhyparos*: dirty + tongue. cf. *Chloraea rypaloglossa*. syn. *C. galeata*.

zedowskiana: for phytologist and author, Jerzy Rzedowski (b1926). Descs. accr. to him
are abbr. to: Rzed. ex Mexico, cf. *Malaxis rzedowskiana* R.González 2001.

zedowskii: as *zedowskiana*. cf. *Habenaria rzedowskii* R.González 1997.

sabahensis: from Sabah state, Malaysia (of nthn. Borneo). cf. *Phaius pauciflorus* ssp.*sabahensis* J.J.Wood & A.L.Lamb 1993.

sabulosa: see *sabulosus*. cf. *Eulophia sabulosa*.

sabulosus: descwd., ref. *sabulum*: sand, + can be as a finer gravel + see -osa: full of; an abundance. + Noted, it's the one word: growing in sandy places. Also can ref. to a surface condition: very grainy; gritty (listed as similar to scabrous). + See next entry.

sabulosus: as last entry. cf. *Arthrochilus sabulosus*.

sac: an Eng. contraction of *saccus*: a pouch; bag. A small pouch-like cavity. + See *saccate*.

Sacanthus: pouch; bag + flower (+ see expl. for *Cleisostoma*). eg. *Sacanthus pallidus*. syn. *Cleisostoma racemiferum*.

saccata: see *saccate*, cf. *Hymenorchis saccata*.

Saccata: see *saccate*. = *Satyrium* section.

saccate: ref. *saccus*: a bag; pouch + suffix: like, or having a structure likened to a small, shallow, rounded bag. Pouched; pouch-like.

saccatilabia: *saccate* + lip. Ref. the labellum epichil. cf. *Pleurothallis saccatilabia*.

saccatilabium: *saccate* + lip. cf. *Agrostophyllum saccatilabium*.

saccatum: *saccate*. cf. *Catasetum saccatum*.

saccatus: *saccate*. cf. *Petalochilus saccatus*. syn. *Caladenia minor*.

saccharata: see *saccharatus*. Noted it refs. to the flower's interior, as if dusted with sugar. cf. *Caladenia saccharata*. Listed as endemic to West.Aust.

saccharatum: see *saccharatus*. cf. *Epidendrum saccharatum*. syn. *Prosthechea vespa*.

saccharatus: descwd., ref. *saccharum*, *sakcharon*, *sakchari*: sugar + suffix: of; like; having. Sugar-like; sugary. + Can be for a surface condition: having a relatively coarse bloom, as if dusted with sugar.

Saccidium: Lindl.1835: bag; pouch + like + dimin. Ref. the *saccate* lateral sepals. syn. *Holothrix* Rich.ex Lindl.

saccifera: bag; sack + bearing. Has a sac, formed by the mentum. cf. *Eria saccifera*.

sacciferoides: bag; sack + bearing + resembling. Also, possibly it was compared to *Orchis saccifera* (?). cf. *Orchis maculata* var.*sacciferoides*. syn. *Dactylorhiza maculata*.

sacciferum: bag; sack + bearing. Ref. the spur (?). cf. *Angraecum sacciferum*.

Saccilabiatae: (those) with *saccate* lip. = *Masdevallia* section.

Saccochilus: Blume 1828: bag; pouch + lip. syn. *Thrixspermum* Lour.

Saccoglossum: Schltr.1912: bag; pouch + tongue. eg. *Saccoglossum papuanum* Schltr.1912. One major ref. source has this listed as ex Papua New Guinea, which is technically correct (today). It certainly was found on the New Guinea side of PNG., but during Dr.Schlechter's expeditions, he hardly even went near Papua (of PNG., or Indonesia). + See *Papuaea*.

saccolabioides: bag; sack + lip + resembling. cf. *Bulbophyllum saccolabioides*. Noted as endemic to Papua, Indon.

Saccolabiopsis: J.J.Sm.1918: see *Saccolabium* + appearance, reported to have a close resemblance. Listed as ex the Himalayas to s.west Pacific islands, eg.

Saccolabiopsis bakhuizenii. Another ref.: *S. rectifolia*, is noted as endemic to nth.Qld., Aust.

Saccolabium: Blume 1825, nom.cons.: bag; pouch + lip. ex Sumatra and Java, eg. *Saccolabium pusillum*.

saccolabium: sack + lip. cf. *Dendrochilum saccolabium*.

saccopetalum: sack + petals (?). Also see *-petalo-*, which then makes the specep.: bag; pouch + broad; wide and probably refs. to the labellum. cf. *Paphiopedilum saccopetalum*.

Saccophreatia: sack + see *Phreatia*. Ref. small sac at base of labellum.= *Phreatia* section.

saccosepala: sack + sepals. Ref. base of lateral sepals, likened to being saccate. cf. *Glomera saccosepala*. Noted as endemic to Papua, Indon.

sacculata: as *sacculatum*. cf. *Calanthe sacculata*.

sacculatum: ref. *sacculus*: small bag; pouch + like; having. cf. *Angraecum sacculatum*.

sacculatus: as *sacculatum*. cf. *Sarcanthus sacculatus*. syn. *Cleisostoma williamsonii*.

sacculiferum: small bag; sack + bearing. cf. *Dendrobium sacculiferum*. syn. *D. dillonianum*.

sachalinensis: from Sakhalin, a major nthn. island of the Japans group (Russian territory). cf. *Ephippianthus sachalinensis* Rchb.f.1868.

Sacodon: Raf.1838: sack + toothed. Ref. toothed mouth of saccate lip. syn. *Cypripedium* L.

Sacoila: Raf.1836. Because Mr.Raf. usually, strongly abbreviates his names, this could be, sac; bag; pouch + ref. *koilos*: hollow, or ref. *koilia*: belly; abdomen (?). The sepals form a hollow, sac-like spur. ex Brazil, eg. *Sacoila foliosa*.

Sacroglottis: *sacro-* is not to do with being sacred, or blessed. Listed as ref. *sacrum*: a compound triangular bone of the lower spine (of humans), + *glottis*: tongue. eg. *Sacroglottis elata*. syn. *Cyclopogon elatus*.

Sacropodium: ref. *sacrum*: has an involved expl. concerning ancient anatomists and is also: a compound triangular bone of the lower spine + *podium*: small foot. Refs. to the column-foot. eg. *Sacropodium acuminatum*. syn. *Epigeneium acuminatum*.

saffron: this entry for cross-reference. The major ref. source I follow, says ref. to *croceus* a full deep orange with a tinge of brown. Other sources differ, saying it can be for a deep yellow; yellowy-orange; orange, or a "red".

sagamiense: listed for place name: from Sagami-nada (a coastal bay), s.west of Yokohama city, Honshu Island, Japan. cf. *Cymbidium sagamiense* (Nakai) Makino & Nemoto. syn. *Cymbidium macrorhizon*.

x *Sagarikara*: auct.: of Sagarik, see *sagarikii*. On the syn. list, the result of *Aerides* x *Arachnis* x *Rhynchostylis*.

sagarikii: listed for orig.coll. Rapee Sagarik (+ of), a lecturer of the Kasetsart Univ. Author, botanist and authority on the flora of Thailand & SE.Asia. ex Thai., cf. *Pecteilis sagarikii* Seidenf.1973.

sagittale: as *sagittalis*. cf. *Satyrium sagittale*. syn. *Disa sagittalis*.

sagittalis: ref. *sagitta* + suffix: of; relative to. See *sagittate*. cf. *Disa sagittalis*.

sagittata: see *sagittate*. cf. *Malaxis sagittata*.

sagittate: ref. *sagitta*: an arrow, + *sagittatus*: having, or like an arrow. Mostly refs. only to an arrowhead (shape), without a shaft.

sagittatum: as *sagittate*. cf. *Cleisostoma sagittatum*.
sagittatus: as *sagittate*. cf. *Sarcanthus sagittatus*. syn. *Cleisostoma sagittatum*.
sagittifera: ref. *sagitta*: arrow (+ see *sagittate*) + bearing. By the line drawing, it's a perfect ref. to the lip. cf. *Notylia sagittifera*.
sagittiferum: arrow (head) + bearing. Ref. the labellum callus. cf. *Genoplesium sagittiferum*. Noted as endemic to NSW., Aust.
sagittiflora: arrow (head) + flowers. cf. *Malaxis sagittiflora*.
sagittiflorum: as *sagittiflora*. cf. *Crepidium sagittiflorum*. syn. *Malaxis sagittiflora*.
sagittiform: arrow + form; shape. Not used very often, mostly you'll see *sagittate*.
sagittiforme: as *sagittiform*, see *sagittate*. cf. *Cleisostoma sagittiforme*.
sagittilabia: see *sagittate* + lip. cf. *Pleurothallis sagittilabia*.
sagoense listed as: from Gunung Sago (mtn. peak), west Sumatra, Indon. cf. *Thrixspermum sagoense* J.J.Sm.1928.
sagraeana: as *sagraeanum*. ex sthn. USA. to the central Americas, inc. the Caribbean, cf. *Erythroides sagraeana* (A.Rich.) Léon 1946. syn. *Platythelis querceticola*.
sagraeanum: listed for botanist and author, R.de la Sagra (+ belonging to). ex the Caribbean region, cf. *Epidendrum sagraeanum* A.Rich.1850. syn. *Encyclia fucata*.
sagraeanus: as *sagraeanum*. Listed as ex Cuba, cf. *Physurus sagraeanus* A.Rich.1850. syn. *Platythelis querceticola*.
saigonensis: for place name: from Saigon city of Vietnam. cf. *Coelogyne saigonensis* Gagnep.1938. syn. *C. assamica*.
saint-gilles: for place name, of which there are many with the name. For where it was flowered in cultivation, possibly ref. Saint Gilles city, Brussels region, Belgium (?). cf. *Cattleya* x *saint-gilles* Peeters ex Cogn. 1896 (syn.).
saint-lagerianum: listed for phytologist and author, Jean Baptiste Saint-Lager [Leger?] + belonging to (1825-1912). cf. *Oncidium saint-lagerianum* Rchb.f.1885. syn. *Oncidium spilopterum*. Took this info. from the book I was working on and there isn't any official listing for *O. spilopterum*. Also, among the synonyms, there is *O. saintlegerianum* Rolfe, again noted as syn. to *Oncidium spilopterum* (?).
saintlegerianum: see *saint-lagerianum*. cf. *Oncidium saintlegerianum* Rolfe. syn.
sakiensis: listed for place name: from the Saki River area (joins the Ramu River) eastn. PNG. cf. *Plocoglottis sakiensis* Schltr.
sakisimensis: for place name (+ from). Refs. to Sakisima Guntô (Sakishima-shoto), archipelago, Ryukyu Islands (: Nansei-shoto), south of Japan. cf. *Corymborkis sakisimensis* (Fukuy.) Fukuy.1942. syn. *Corymborkis veratrifolia*.
salaccense: one ref. lists it as: from Mt.Salak, Java. Another says: from Salak, a town of west Sumatera Utara, Sumatra (?). cf. *Bulbophyllum salaccense* Rchb.f.1857.
Salaccenses: (those) from Salak, see *salaccense*. = *Habenaria* section.
salaccensis: see *salaccense*. cf. *Calanthe salaccensis* J.J.Sm.1910.
Salacistis: Rchb.f.: listed as an error, see *Salicistis*. syn. *Goodyera* R.Br.
salaevensis: for place name (+ from), only listed as ex France. cf. *Cephalanthera* x *salaevensis* Rouy 1912. syn. *C. x schulzei* E.G.Camus 1908.
salakana: belonging to Salak, see *salaccense*. cf. *Oberonia salakana* J.J.Sm.1927.

salaminensis: listed for place name: from the Gk. island of Salamis, Gulf of Saronikós. cf. *x Barlorchis salaminensis* Kalop.& Constanin.1993. Noted as a monotypic natcross of *Barlia robertiana* x *Orchis italica*.

salazarii: listed for phytologist and author, Gerardo A.Salazar [+ of] (b1961). ex Mexico, cf. *Malaxis salazarii* Catling 1990.

salazianum: belonging to Salazie (village), Réunion Island of the Mascarenes, off east coast Madagascar. cf. *Angraecum salazianum* (Cordem.) Schltr.1915.

salebrosum: see *salebrosus*. cf. *Bulbophyllum salebrosum*.

salebrosus: descwd., seen in descriptions: roughness. Rough; unpolished; uneven, etc. Refs. to a surface condition, very rough with many small projections, small lumps, pits and dents.

salentina: for place name. There are cities and towns called Salentina (in one way, or another) on the **Salento** Peninsula (the “heel” of the Italian “boot”), Apulia, sthn. Italy. cf. *Ophrys* x *salentina* O.& E.Danesch.

salep: Originally the ancient Greeks, following the “Doctrine of Signatures” used terrestrial orchid tuberoids as an aphrodisiac, because they resembled testicles. They were dried, pulverised into a powder and sold to the gullible. Recorded as still sold today, in large quantities, in the eastern Mediterranean, Middle East, Kwazulu and parts of east Africa as “Salep” and naturally, at very exorbitant prices. Experts say that there isn’t any factual basis for the belief of it having any power at all and that you would get more value from the same amount of dried potato! One can’t imagine how many delightful terrestrials are being destroyed by this gross stupidity. + Of interest, see *Satyrium*.

salesiana: may be for a person’s name (+ belonging to) and also could be for a place name. Listed as ex Ecuador to Peru, noted a few places called Sales, in nthn. Brazil (?). cf. *Scuticaria salesiana* Dressler 1968.

salhutuose: listed as Lat’d. and phonetic spelling for place name: from Mt.Salhoetoe, Ambon Island, Indon. cf. *Dendrobium salhutuose* J.J.Sm. syn. *Cadetia chamaephytum*.

salicifolia: as *salicifolium*. cf. *Appendicula salicifolia*.

Salicistis: Rchb.f.1857: ref. *salicis*: willow + *-tis*: the action, or agency. Possibly implies “supple”, etc. syn. *Goodyera* R.Br.

salicifolium: ref. *salicis*, *salix*: willow (tree, of the family: *Salicaceae*) + leaf. cf. *Dendrobium salicifolium*.

salicornioides: listed as ref. *Salicornia* + suffix: resembling. Commonly: “jointed glasswort”, of the goosefoot family: *Chenopodiaceae* (not orchids). The specep. alludes to *Salicornia europaea* which has (almost) leafless, fleshy, jointed stems. cf. *Glomera salicornioides*. Noted as endemic to Papua, Indon.

salictina: willow + like, etc.(as, “supple”? + see *salicifolium*). cf. *Dactylorhiza* x *salictina* B.& E.Willing 1989.

salina: lit., (of) salt springs. Noted, it often frequents salt-marsh areas, or in saline soil. cf. *Dactylorhiza salina*.

salmonaceus: a colour term: a strong orange-pink with a trace of yellow. Salmon-pink + -
acea: like, etc. + See *salmoneus*.

salmonea: see *salmoneus*. cf. *Octarrhena salmonea*. Noted as endemic to PNG.

salmonella: not for the dreaded germs!, see *salmoneus* + dimin.: a paler salmon-pink. cf.
Laelia salmonella (?). Took this info. from a book, but there's no official listing.

salmoneum: see *salmoneus*. cf. *Dendrobium salmoneum*.

salmoneus: a colour term: a strong orange-pink, as the flesh of a trout, or a salmon (fish;
+ ref. *salmonis* + of, which mostly refs. to a trout). + See next entry.

salmoneus: for the colour, see last entry. cf. *Cystorchis salmoneus*.

salmonicolor: see *salmoneus* + colour. cf. *Dendrobium lawesii* var. *salmonicolor*. syn.
Dendrobium lawesii. ex New Guinea, must have been only a colour variation.
Pers.coll. ex PM.PNG. and I have only ever seen the flowers as a darker red.

salmoniviridis: salmon (-pink) + green. Noted, the flowers are greenish with a (salmon-)
pink labellum. cf. *Calanthe salmoniviridis*. syn. *C. caulescens*.

salomonense: Lat'd. spelling for place name: from the Solomon Islands. Noted, as found
at Kieta, Bougainville, PNG. cf. *Denrobium salomonense* Schltr.1912.

salomonensis: as *salomonense*. cf. *Vrydagzynea salomonensis* Schltr.1905.

salpingantha: trumpet + flower (?), or see anther). cf. *Pleurothallis salpingantha*.

Salpistele: Dressler 1979: ref. *salpinx*: a trumpet + see *stele*: pillar; column. Ref. column
apex likened to a trumpet (shape). syn. *Stelis* Sw.

saltabundum: may be ref. *saltus*: woods; forest + see -*bunda*: abound(s); abundant.
Perhaps there were many in the area (or, ref. *saltus*: dance, etc.?, see *saltatorium*).
cf. *Oncidium saltabundum*. syn. *Cyrtorchilum porrigens*.

saltator: dancer, + see *saltatorium*. cf. *Lepanthes saltator*.

saltatoria: see *saltatorium*. cf. *Phyllorchis saltatoria*. syn. *Bulbophyllum saltatorium*.

saltatorium: ref. *saltator*: dancer + suffix: dimin., of, etc. Or, ref. *saltus*: leap; hop; jump;
bound; dance. + Ref. ***saltatorius***: (the action) of dancing. Has a highly mobile lip,
"dancing" with the slightest movement. cf. *Bulbophyllum saltatorium*.

Saltatrices: see *saltatrix*, *saltatorium*. "Dancer", reported to be for the flower's upright and
graceful form.= *Masdevallia* subsection.

saltatrix: a dancer (esp., female), + see *saltatorium*, *Saltatrices*. cf. *Masdevallia saltatrix*.

saltense: see *saltensis*. The -*ense*: origin; from, etc. and by the given locations, *salt-* could
ref. to Salto city, of Salto Department (admin. division), n.west Uruguay (?). The
salt- could also ref. to *saltus*: woods; forest (?). cf. *Stenorrhynchos saltense*. syn.
Pelexia bonariensis (: from Buenos Aires and the species is also listed as ex
Uruguay).

saltensis: from Salto, listed as a place name ex Mexico. Other synonyms (eg. see
durangensis) suggest the most likely explanation is: from El Salto, a minor city of
Durango state, Mexico. cf. *Schiedeella saltensis* Schltr.1920.

saltucola: ref. *saltus*: woods; forest + dweller; resident. cf. *Liparis saltucola*. syn. *L.*
bistriata.

salvadorense: from El Salvador. cf. *Cyrtopodium punctatum* var. *salvadorense* Hamer &
Garay 1981. syn. *Cyrtopodium punctatum*.

salvadorensis: from El Salvador. cf. *Mormodes* x *salvadorensis* Hamer & Garay 1974.
salvinii: listed for Osbert Salvin (+ of), explorer, naturalist and collector in Guatemala c1873. cf. *Ornithocephalus salvinii* Rchb.f.ex Hemsl.1884. syn. *O. inflexus*.
salvum: as *salvus*. cf. *Oncidium salvum*. syn. *Leochilus salvus*.
salvus: undamaged; well; unhurt; sound, etc. cf. *Leochilus salvus*.
salweensis: listed for place name: from the Salween Valley, Burma (now, Myanmar). cf. *Sunipia salweensis* (Phillimore & W.Sm.) P.F.Hunt 1971. syn. *S. rimannii*.
salwinensis: as *salweensis*. cf. *Eria salwinensis* Hand.-Mazz.1936. syn. *E. spicata*.
samacensis: from Samac (village) near Cobán city, Alta Verapaz, Guatemala. cf. *Lepanthes samacensis* Ames 1923.
samaipatense: from Samaipata. Listed as ex Santa Cruz Department, Bolivia. Noted three villages, in this area. cf. *Epidendrum samaipatense* Dodson & R.Vásquez 1989.
samaniegoi: listed for place name: of Samaniego, a village of Guayas Province, Ecuador. cf. *Catasetum samaniegoi* Dodson 1984.
samariensis: from Samaria. Could be for the village, or the N.Park of Crete Island, Greece. cf. *Himantoglossum* x *samariensis* C.& A.Alibertis 1989.
samarindae: for place name: of Samarinda city, Kalimantan Timur, east Borneo. cf. *Cleisostoma samarindae* (Schltr.) Garay 1972.
sambasanum: belonging to Sambas, a town of n.east Daerah Tingkat I, Kalimantan Barat, Borneo. cf. *Dendrobium sambasanum* J.J.Sm.1909.
sambiranense: as *sambiranoense*. cf. *Bulbophyllum sambiranense* Jum.& H.Perrier 1912.
sambiranoense: from Sambirano. For place name, listed as: from the Sambirano Valley, also of the same name is a river and a large coastal gulf, of nthn. Madagascar. cf. *Angraecum sambiranoense* Schltr.1925.
sambiranoensis: as *sambiranoense*. cf. *Aeranthus sambiranoensis* Schltr.1925.
sambucina: ref. *Sambucus*: a genus of elder, a small tree, or bush of the honeysuckle family: *Caprifoliaceae*.+ Ref. Gk., *sambuke* (*sambyke*); Eng., *sambuka*: a small triangular stringed musical instrument, like a harp, made from the elder wood, + *-ina*: made of; like, etc. So, could be for some part(s) likened to a sambuka, but one major ref. says it has perfume likened to the elder. cf. *Dactylorhiza sambucina*. syn. *D. romana*.
sambucinolingua: is a combination of two speceps. Listed as a cross of *Dactylorhiza sambucina* x *Serapias lingua* (+ see *sambucina* + ref. *lingua*: tongue). cf. x *Serapirhiza sambucinolingua*. Noted as monotypic in France.
samnaunensis: for place name: from Samnaun, a town of Graubünden Canton (admin. division), Switzerland. cf. *Dactylorhiza* x *samnaunensis* (Gsell) Soó 1962.
samoana: as *samoanum*. cf. *Vrydagzynea samoana* Schltr.1910.
samoanum: belonging to Samoa; the Samoan Islands. cf. *Bulbophyllum samoanum* Schltr.1911.
samoense: from Samoa. cf. *Dendrobium samoense* P.J.Cribb 1983.
samoensis: from Samoa. cf. *Glomera samoensis* Rolfe 1908. syn. *G. montana*.

sampaioana: belonging to Sampaio. For phytologist and author, Gonalo Ant3nio da Silva Ferreira Sampaio (1865-1937). Descs. accr. to him are abbr. to: Samp. ex the trop. Americas, cf. *Habenaria sampaioana* Schltr.1930. syn. *H. repens*.

sanaensis: from Saña, a minor city of Lambayeque Department, westn. Peru. cf. *Maxillaria sanaensis* D.E.Benn.& Christenson 2001.

sanasunitensis: for place name (+ from), only listed as ex west and central Asia to Siberia. cf. *Dactylorhiza sanasunitensis* (H.Fleischm.) So3 1962. syn. *D. umbrosa*.

sanantonioensis: from San Antonio, only listed as ex Colombia and noted a few towns of this name. cf. *Maxillaria sanantonioensis* Christenson 2002.

sanchezii: of S3nchez. May be for a person’s name, but also ref. S3nchez (village), Guayas Prov., Ecuador. cf. *Stelis sanchezii* Luer & Hirtz 2002.

sanconoensis: from San Cono, a town of Catania, central sthn. Sicily island, Italy. cf. *Ophrys* x *sanconoensis* Peterek & Vollmar 1992.

sancristobalense: from San Cristobal island(s), Makira Prov., Solomon Islands. cf. *Dendrobium sancristobalense* P.J.Cribb 1983.

sancta: when a prefix, usually refs. to “Saint”, but as it’s on its own, ref. *sanctus*: chaste; hallowed; venerable; sacred, etc. cf. *Pelexia sancta*.

sanctae-inesae: noted that the orig.coll. and co-author, Mr.Malo, gave it the specep. (Lat’d.) after the name of his nursery business in Ecuador (+ see *maloi*). cf. *Masdevallia sanctae-inesae* Luer & Malo 1978.

sanctae-martae: Lat’d. spelling for place name: of Santa Marta, Magdalena Department, nthn. Colombia. Have a few refs.: the coastal city; a river, (a little south of the city); *Parque nacional* (N.Park) *de la Sierra Nevada de Santa Marta*; *Santuario de flora y fauna* (Sanctuary of flora and fauna) *Ciénaga Grande* de Santa Marta*. cf. *Epidendrum sanctae-martae* Schltr.1920. *Trans. ex Spanish, *ciénaga*: marsh; bog; swamp + *grande*: great; grand; large, etc.

sanctae-rosa: Lat’d. spelling for place name, only listed as ex Colombia. Noted quite a few towns and minor cities with the name of Santa Rosa (in some form, or another), in this country. Also may ref. to the region of Santa Rosa de Sucumbios, sthn. Nariño Department, Colombia. cf. *Pleurothallis sanctae-rosa* (Kraenzl.) Garay 1969.

sanctae-rosae: Lat’d. spelling for place name, listed as ex Ecuador: of Santa Rosa. Noted a city of El Oro Prov. and a town of Pastaza Prov. (?). cf. *Stelis sanctae-rosae* Luer & Hirtz 2002.

sanctae-sofiae: for place name (+ of), only listed as ex Sardinia island, Italy. cf. *Ophrys* x *sanctae-sofiae* M.P.Grasso & Liverani 1993.

sanctalucianum: Lat’d. spelling for: belonging to Saint Lucia (a volcanic island), an independent state of the Windward Islands of the sthn. Caribbean Sea. cf. *Epidendrum sanctalucianum* H.G.Jones 1975.

sancti-angeli: Lat’d. spelling for Santo 3ngelo (+ of) city, Rio Grande do Sul state, sthn. Brazil. cf. *Octomeria sancti-angeli* Kraenzl.1911.

sancticyrensis: Lat’d. spelling: from Saint-Cyr. Only listed as ex France, there are many towns with this name. cf. *Ophrys* x *sancticyrensis* Soca.

sancti-jacobi: Lat'd. spelling for place name. The species is listed to be from many countries: from Mexico, out to the Caribbean and down through the nthn. half of Sth. America. One ref. is San Jacobo (village), Durango state, Mexico (?). cf. *Stenorrhynchos sancti-jacobi* Kraenzl.1908. syn. *Sacoila lanceolata*.

sancti-leonardi: Lat'd spelling for place name, only listed as ex Italy. Noted quite a few towns named San Leonardo (?). cf. *Ophrys x sancti-leonardi* O.& E.Danesch1972.

sancti-ramoni: for place name: San Ramón, a town of Alajuela Prov., Costa Rica. cf. *Epidendrum sancti-ramoni* Kraenzl. syn. *E. paranthicum*

sancto-antonii: listed for place name: San Antonio, Florida, USA. cf. *Stenorrhynchus sancto-antonii* Kraenzl.1905. syn.

sandalwood: this entry is for cross-reference: a kind of tree. More info., see *osyri*.

sanderae: belonging to Sander, see *Sanderella*. ex Peru, cf. *Oncidium sanderae* Rolfe 1910.

sanderanum: see *sanderianum*. cf. *Bulbophyllum sanderanum*. Was listed as such, but there's no official listing. Perhaps it's an error for *B. sanderianum* Rolfe 1893 (?).

x *Sanderara*: auct.: of Sander, see *Sanderella*. On the syn. list, the result of *Brassia x Cochlioda x Odontoglossum*.

Sanderella: Kuntze 1891. Listed for Henry Frederick Conrad Sander (1847-1920) +-ella: respectful suffix. Founder of the famous nurseries, Sander & Co. of St.Albans, Eng.; St.Andre Bruges, Belgium and New Jersey, USA. ex Brazil, eg. *Sanderella discolor*.

sanderi: of Sander, see *Sanderella*. cf. *Cymbidium sanderi* O'Brien 1905. syn. *C. insigne*.

sanderiana: belonging to Sander. cf. *Vanda sanderiana*. syn. *Euanthe sanderiana*.
Discovered by Carl Roebelen (see *roebelenii*), a mercenary for Sander & Co., nurserymen of St.Albans, Eng., is noted as one of the most desirable orchids in cultivation. I read a horrible statistic: Roebelen worked for many months and amassed over 20,000 plants of this one species, only to lose the lot in an earthquake (at the Philipp. port). It's not his, or Sander's loss I regret, and it's hard to be dispassionate, when you think of the mercenaries' collecting methods in those days, which was to take the lot and destroy everything else!

sanderianum: belonging to Sander. For the famous nurserymen, Sander & Co.(+ see *Sanderella*). ex Borneo, cf. *Paphiopedilum sanderianum* Rchb.f.1886. Esp. noted for its twisting, pendulous, ribbon-like petals reaching over 60cms.(2ft.) long.

sanderianus: as *sanderianum*. cf. *Anoectochilus sanderianus* Kraenzl.1895. syn. *Macodes sanderiana* (Kraenzl.) Rolfe. A beautiful "jewel orchid", see sketch and notes at "J".

sandersonii: listed for orig.coll., botanist, W.Sanderson (+ of), ex sthn. Africa. cf. *Bulbophyllum sandersonii* (Hook.f.) Rchb.f.1878.

sandrangatense: for place name: from Sandrangato (village), central eastn. Madagascar. cf. *Bulbophyllum sandrangatense* Bosser 1965.

sandrangatensis: as *sandrangatense*. cf. *Phaius pulchellus* var. *sandrangatensis* Bosser 1971.

sandsii: listed for botanist and author, Martin Jonathan Southgate Sands (b1938). ex Sabah, Borneo, cf. *Dendrobium sandsii* J.J.Wood & C.L.Chan 1994.

sandwicensis: Lat'd. spelling for place name: from the Sandwich Islands. Noted as endemic to the Hawaiian Islands. cf. *Anoetochilus sandwicensis* Lindley 1840.

sandwicensis: same as *sandwicensis*. cf. *Vrydagzynea sandwicensis* (Lindley) Benth.& Hook.f.1883. syn. *Anoetochilus sandwicensis*.

sangae: for place name: from Sanga (village), sthn. Gabon, Africa. cf. *Bulbophyllum sangae* Schltr.1905.

sangianum: could be for a person's name. This species is listed as ex the Philippines and may also be for a place name (+ belonging to). Ref., **Sang**, a coastal village of Jolo Island, Sulu Archipelago (?). cf. *Paphiopedilum fowliei* var.*sangianum* Braem 1993. syn. *P. fowliei* Birk 1981.

sanguiloba: see *sanguineus* + lobe. Ref. the red labellum lateral lobes. cf. *Sophranitis sanguiloba*.

sanguinata: bloody. See *sanguineus* + -ata. cf. *Maxillaria sanguinata*.

sanguine: for anything to do with blood. + Ref. *sanguineus*: like the colour of blood.

sanguinea: see *sanguine*. cf. *Pterostylis sanguinea*. Noted as endemic to sthn. Aust.

sanguineoclaustra: see *sanguine*, *sanguineus* + *claustrum*: a bar; bolt, or can be: a gate. cf. *Mormodes sanguineoclaustra*.

sanguineolenta: see *sanguineus* + full of; abundant, etc. cf. *Helcia sanguineolenta*.

sanguineomaculata: bloody + spotted; having, or like bloodspots. cf. *Maxillaria sanguineomaculata*.

sanguineomaculatum: as *sanguineomaculata*. cf. *Bulbophyllum sanguineomaculatum*. syn. *Bulbophyllum membranifolium*.

sanguineopunctatum: see *sanguineus* + dotted. Ref. the flower's dotted interior. cf. *Bulbophyllum sanguineopunctatum*.

sanguineopunctulatum: blood-red + see punctulate: having small dots; finely dotted. cf. *Bulbophyllum sanguineopunctulatum*.

sanguineum: see *sanguineus*. cf. *Calonema sanguineum*. syn. *Caladenia sanguinea*. Noted as endemic to Sth.Aust.

sanguineus: a colour term: blood-red; like blood; a dark, dull red. + cf. *Cryptorrhena sanguineus*.

sanguinolenta: see *sanguinolentus*. Ref. the spots and blotches. cf. *Kefersteinia sanguinolenta*.

sanguinolentum: see *sanguinolentus*. Mainly refs. to the "blood-stain" blotch on the lip. cf. *Maxillaria sanguinolentum*. syn. *Maxillaria miniata*.

sanguinolentus: noted this from a description. More of a descwd., than a colour term. See *sanguineus*: blood-red + full of; abundant: bloody; blood-stained. Is not specific, as the whole flower can be (almost) totally blood-red, or spotted; blotched, etc.

sanguinolentus: as last entry. cf. *Leochilus sanguinolentus*. syn. *Caucaea nubigena*.

sanjanae: for place name (of Sanjana?), listed as ex La Paz Department, Bolivia. cf. *Pleurothallis sanjanae* Schltr.1913.

sankisiensis: from Sankishia (village), Katanga Prov., Congo (DRC.). cf. *Eulophia sankisiensis* De Wild. syn. *E. rhodesiaca* Schltr.1916.

sankuruense: as *sankuruensis*. cf. *Angraecum sankuruense* De Wild. syn. *Aerangis calantha*.

sankuruensis: from the Sankuru River, a main tributary of the Kasai River, Congo (DRC.), Africa. cf. *Aerangis sankuruensis* (De Wild.) Schltr. syn. *A. calantha*.

sanluisensis: from the Sierra de San Luis, see *sanluisii*. cf. *Stelis sanluisensis* Foldats 1968.

sanluisii: of the Sierra de San Luis (a mtn. ridge), or the Sierra de San Luis N.Park, both of Falcón state, Venezuela. cf. *Pleurothallis sanluisii* Foldats 1968.

sannio: a clown; buffoon. One major ref. also defines it as: a grimacer; harlequin; one who makes faces. cf. *Pleurothallis sannio*.

sanscilia: without cilia (: fine marginal hairs). ex NZ., cf. *Thelymitra sanscilia*.

sanseiense: for place name (+ from), only listed as ex Taiwan. Also noted it as: *sansiense* (?). cf. *Epigeneium sanseiense* (Hayata) Summerh.1957. syn. *Epigeneium nakaharaei*. Listed as endemic to Taiwan.

sansimonensis: for place name (+ from), listed as ex Spain (+ other countries). Noted a few towns, called San Simón, in Galicia, n.west Spain. cf. *Ophrys sansimonensis* Soca.

santaclarensis: from Santa Clara, listed as ex Chiapas state, sthn. Mexico. Noted two villages of this name. cf. *Epidendrum santaclarensis* Ames 1923.

santa-elenae: for place name (+ of), listed as ex Mexico to Guatemala. Noted quite a few villages and towns, called Santa Elena. cf. *Galeottiella santa-elenae* (Szlach.) Szlach.1994. syn. *Microthelys rubrocallosa*.

santanae: for place name (+ of). Listed as ex Venezuela to Ecuador, there are quite a few places called Santana, or Santa Ana. cf. *Maxillaria santanae* Carnevali & I.Ramirez 1989.

santanderense: from Santander. Noted as, from Mexico to Peru where there are many places of this name. cf. *Anacheilium santanderense* D.G.Hunt, Withner & P.A.Harding 2004. Listed as a synonym with a query as to its “correct name”.

santapau: listed for Herminigild Santapau (1903-1970), an Indian phytologist and authority, esp. on Indian orchids. Often a co-author with colleague, Zarir Kapadia (b.1935). ex sthn. India, cf. *Oberonia santapau* Kapadia 1960.

santensis: for place name (+ from), only listed as ex Brazil where there are many refs. to places beginning with Sant-. One ref. is to Santos, a coastal city, of São Paulo state (?). cf. *Habenaria santensis* Barb.Rodr.1881.

santiagoensis: from Santiago, listed as ex Guyana, Venezuela, Ecuador and Peru. Possibly, see *santiagoorum*. cf. *Stelis santiagoensis* Mansf.1928.

santiagoorum: belonging to Santiago. Could be for a person's name, also ref. to Gualaquiza (a town, aka. **Santiago**) and/or of Morona **Santiago** Prov., Ecuador. cf. *Masdevallia santiagoorum* Königer 1997. syn. *M. aurea*.

santiagorum: see *santiagoorum*. cf. *Oncidium santiagorum* Königer 1999. syn. *Cyrtorchilum macasense*.

santoense: for place name: from Espiritu Santo, largest island of Vanuatu, New Hebrides group. cf. *Bulbophyllum santoense* J.J.Verm.1993.

santoensis: as *santoense*. cf. *Peltopus santoensis* (J.J.Verm.) Szlach.& Marg.2001. syn. *Bulbophyllum santoense*.

santonica: belonging to Santoña, a minor coastal city of Cantabria, central ntn. Spain. cf. *Ophrys* x *santonica* J.-M.Mathé & Melki.

santos-dumontii: cf. *Encyclia santos-dumontii* L.C.Menezes 1992, listed as ex Brasilia, Federal District, Brazil. May be for an honoured Brazilian pioneer aviator, Alberto Santos-Dumont (1873-1932). There is also a large town, Santos Dumont (noted as formerly, Palmyra), which is close to where Alberto Santos-Dumont was born at Cabangu, in Minas Gerais state, sthn. Brazil.

santosii: listed for orig.coll., F.Santos ex Mt.Iriga, Luzon, Philipp. cf. *Bulbophyllum santosii* Ames 1915.

santoslimae: for place name (of Santos Lima?), listed as ex Rio de Janeiro state, Brazil. cf. *Trichopilia santoslimae* Brade 1943.

sapphiratum: ref. *sappheiros*, *sapphirus*: sapphire + like, etc. cf. *Odontoglossum sapphiratum*. syn. *O. tenue*.

sapphirinum: sapphire + like, etc., for the colour. cf. *Bulbophyllum sapphirinum*.

saprophyta: see saprophyte. cf. *Malaxis saprophyta*.

saprophyte: ref. *sapros*: rotten + ref. *phyton*: plant. Plants which feed on decaying organic matter in association with a fungus. + Ref. saprophytic and see holomycotrophic, etc.

saprophytica: saprophytic, see saprophyte. cf. *Corysanthes saprophytica*. syn. *Corybas saprophyticus*. + See *saprophyticus*.

saprophyticum: as *saprophytica*. cf. *Holcoglossum saprophyticum*. syn. *H. kimballianum*.

saprophyticus: as *saprophytica*. ex New Guinea, cf. *Corybas saprophyticus*. Of interest, it's noted as, holomycotrophic (: totally dependant on a fungus, for survival).

saprophytum: see saprophyte. cf. *Crepidium saprophytum*. syn. *Malaxis saprophyta*.

saragurensis: from Saraguro, a town of Loja Prov., Ecuador. cf. *Maxillaria saragurensis* Dodson 1994.

sarapiquinsis: of Sarapiquí (village), Heredia Prov., Costa Rica. cf. *Dichaea sarapiquinsis* Folsom 1994.

sarasiniana: as *sarasinianus*. cf. *Thelymitra sarasiniana* Kraenzl.1914. Noted as endemic to New Caledonia.

sarasinianus: belonging to Sarasin. For phytologist and author, F.Sarasin, who wrote on the flora of New Caledonia (with co-author, J.Roux, see *rouxii*). cf. *Lyperanthus sarasinianus* Kraenzl.1914. syn. *Megastylis gigas*.

sarasinorum: belonging to Sarasin, see *sarasinianus*. ex New Caledonia, cf. *Oberonia sarasinorum* Kraenzl.1914. syn. *O. vieillardii*.

Sarathrochilus: Schltr.1906, ref. *sarotron*: broom + lip. syn. *Trichoglottis* (: hair + tongue).

saratoi: listed for French botanist, Cesare Sarato (1830-1893) of Nice, sthn. France. cf. *Ophrys saratoi* E.G.Camus 1893.

sarawakense: from Sarawak state (of Malaysia), n.west Borneo. cf. *Dendrobium sarawakense* Merr.1921.

sarawakensis: as *sarawakense*. cf. *Coelogyne sarawakensis* Schltr.1921. syn. *Chelonistele lurida*.

sarawaketense: from the Sarawaket Mtns., Huon Peninsula, PNG. cf. *Pedilochilus sarawaketense* P.Royen 1979. Noted as endemic to PNG.

sarc-, *sarco-*: used in compwds., ref. *sarx*, *sarkos*: flesh; + *sarkodes*: of flesh. Infers: fleshy; thick; fat. + Can be: like the texture of flesh; flesh-like; flesh coloured (not as meat, but as the skin of a Caucasian person).

x *Sarcalaelaps*: Garay & H.R.Sweet. On the syn. list, cf. *Phalaenopsis* x *Sarcanthopsis*.

sarcantha: see *sarc-* + flower. cf. *Callista sarcantha*. syn. *Dendrobium cuspidatum*.

Sarcantheae: *Sarcanthus* + suffix denotes it's a tribe.

sarcanthiforme: fleshy + flower + form; shape, or has the form of a *Sarcanthus* (?). cf. *Bulbophyllum sarcanthiforme*.

Sarcanthinae: *Sarcanthus* + suffix denotes it's a subtribe.

sarcanthoides: see *sarc-* + flower + resembling, or was likened to a *Sarcanthus* (?). cf. *Biermannia sarcanthoides*.

Sarcanthopsis: Garay 1972: ref. *Sarcanthus*, or fleshy + flower (they are very fleshy, but not for a colour) + appearance. eg. *Sarcanthopsis warocqueana*. Pers.coll., fairly common ex PM.PNG., see sketch and notes at *warocqueana*.

sarcanthum: see *sarc-* + flower. cf. *Dendrobium sarcanthum*. syn. *D. cuspidatum*.

Sarcanthus: Lindl., see *sarc-* + flower. syn. *Acampe* Lindl. + See next entry.

Sarcanthus: Lindl.1825: see *sarc-* + flower. syn. *Cleisostoma* Blume.

Sarchochilus: S.Vidal 1885: as *Sarcochilus*. syn. *Sarcochilus* R.Br.

Sarcobodium: Beer 1854: listed as a misunderstanding for *Sarcopodium*. syn. *Bulbophyllum Thouars*.

Sarcocadetia: (Schltr.) M.A.Clem.& D.L.Jones 2002: see *sarc-* + *Cadetia*. syn. *Cadetia*.

Sarco-Cadetia: fleshy + *Cadetia*. Refs. to the pseudobulbs.= *Dendrobium* section.

x *Sarcocentrum*: auct. On the syn. list, cf. *Ascocentrum* x *Sarcochilus*.

x *Sarcoceras*: Garay & H.R.Sweet: trans. as: see *sarc-* + horn, but doesn't apply. On the syn. list, the result of *Pteroceras* x *Sarcochilus*.

sarcochila: see *sarc-* + lip. cf. *Pleurothallis sarcochila*. syn. *P. grandiflora*.

sarcochiloides: see *sarc-* + lip + resembling, or resembles *Sarcochilus* (?). cf. *Tuberolabium sarcochiloides*.

sarcochilum: see *sarc-* + lip. cf. *Epidendrum sarcochilum*.

Sarcochilus: R.Br.1810: see *sarc-* + lip. eg. *Sarcochilus australis*. Noted as endemic to Aust.

sarcochilus: see *sarc-* + lip. Here, it's for colour: the labellum is noted as yellowish, flushed with pink. cf. *Dendrobium sarcochilus*.

sarcodactylae: (those) with fleshy fingers. cf. *Myoxanthus sarcodactylae*.

sarcodantha: see *sarc-*, *sarcodes* + flower. cf. *Stelis sarcodantha*. syn. *S. aemula*.

sarcodanthum: as *sarcodantha*. cf. *Bulbophyllum sarcodanthum*.

sarcodes: ref. *sarkodes*: of flesh + see *sarc-*. Ref. the floral segments. cf. *Dendrobium sarcodes*.

sarcoglossa: fleshy (? see *sarc-*) + tongue. cf. *Galeottiella sarcoglossa*.

sarcoglossis: see *sarc-* + tongue. cf. *Gyrostachys sarcoglossis*. syn. *Sarcoglottis acaulis*.

Sarcoglossum: Beer 1854: see *sarc-* + tongue. syn. *Cirrhaea* Lindl.

Sarcoglottis: C.Presl 1827: see *sarc-* + tongue. ex Mexico, eg. *Sarcoglottis lobata*.

sarcoglottis: see *sarc-* + tongue. cf. *Epidendrum sarcoglottis*.
Sarcoglyphis: Garay 1972: see *sarc-* + ref. *glyphis*: knife, or tool (mostly for carving, ref. *glyphein*: to carve). ex Myanmar, eg. *Sarcoglyphis flava* (Hook.f.) Garay 1972.
x *Sarcomoanthus*: auct. On the syn. list, cf. *Drymoanthus* x *Sarcochilus*.
x *Sarconopsis*: auct. On the syn. list, cf. *Phalaenopsis* x *Sarcochilus*.
x *Sarcopapilionanda*: Garay & H.R.Sweet. On the syn. list, cf. *Papilionanthe* x *Sarcochilus* x *Vanda*.
sarcopetala: see *sarc-* + petals. cf. *Pleurothallis sarcopetala*.
Sarcophylla: fleshy + leaf. eg. *Sarcophylla scapigera*.
sarcophylla: fleshy + leaf. cf. *Oberonia sarcophylla*.
sarcophylloides: see *sarc-* + leaf + resembling. Was possibly compared to *Cirrhopetalum sarcophyllum* + resembling (?). syn. cf. *Bulbophyllum sarcophylloides*.
sarcophyllum: fleshy + leaf. Ref. the terete leaves. cf. *Dendrobium sarcophyllum*.
sarcophyllus: see *sarc-* + leaf. cf. *Cryptophoranthus sarcophyllus*. syn. *Pleurothallis sarcophylla*.
Sarcophyton: Garay 1972: fleshy + plant. ex the Philipp., eg. *Sarcophyton crassifolium*.
sarcopodioides: see *sarc-* + foot + resembling, or, likened to *Sarcopodium* (see the entry). cf. *Dendrobium sarcopodioides*. syn. *Epigeneium simplex*.
Sarcopodium: Lindley 1850: see *sarc-* + small foot. syn. *Epigeneium* Gagnep.
Sarcopodium: as last entry. = *Dendrobium* section.
sarcopus: see *sarc-* + foot; footed. cf. *Cheirostylis sarcopus*. syn. *C. gymnochiloides*.
sarcorhachis: see *sarc-* + see rachis. cf. *Bulbophyllum sarcorhachis*.
x *Sarcorhiza*: auct. On the syn. list, cf. *Rhinerrhiza* x *Sarcochilus*.
sarcorhynchoides: Noted as: *Sarcorhynchus* + like. + See next entry. cf. *Diaphananthe sarcorhynchoides*.
Sarcorhynchus: Schltr. 1918: see *sarc-* + ref. *rhynchos*: snout; beak, etc. Ref. the rostellum. syn. *Diaphananthe* Schltr.
sarcoscapum: fleshy + see scape: flower stem part. cf. *Bulbophyllum sarcoscapum*.
sarcosepala: see *sarc-* + sepal(s?). cf. *Glossorhyncha sarcosepala*.
sarcostalix: see *sarc-* + stake (: column). cf. *Epidendrum sarcostalix*.
sarcostemma: see *sarc-* + *stemma*: a wreath; garland; crown. cf. *Dendrobium sarcostemma*. syn. *Dendrobium macrophyllum*.
Sarcostoma: Blume 1825: see *sarc-* + mouth; opening. Ref. mid-lobes, rear of labellum. ex Java, eg. *Sarcostoma javanica* Blume 1825.
sarcostoma: as last entry. cf. *Dendrobium sarcostoma*. syn. *Sarcostoma javanica*.
sarcostomatoides: see *sarc-* + mouth-like; mouthed + resembling. cf. *Ceratostylis sarcostomatoides*.
sarcothece: see *sarc-* + see *-theca*: case; protective cover, or container, etc. cf. *Phreatia sarcothece*. syn. *P. micrantha*.
x *Sarcothera*: auct. On the syn. list, cf. *Renanthera* x *Sarcochilus*.
x *Sarcovanda*: auct. On the syn. list, cf. *Sarcochilus* x *Vanda*.

sardoa: among other locations, this is listed as ex Ethiopia. Have only a ref. to Sardo (Serdo) [+ of], a town of Denakil Region, Ethiopia. cf. *Ophrys sardoa* (H.Baumann et al) Paulus & Gack. + See next entry.

sardoa: another entry as this species, by the given location, seems likely to ref. to Sardo (village), Beja, sthn. Portugal. cf. *Orchis x penzigiana* nothosubsp.*sardoa* Scrugli & M.P.Grasso.

sargentianum: belonging to Sargent. For phytologist and author, Prof. Charles Sprague Sargent (1841-1927). Director of the Arnold Arboretum, USA. ex Venezuela, cf. *Cypripedium sargentianum* (Rolfe) Kraenzl. 1897. syn. *Phragmipedium lindleyanum* (R.H.Schomb.ex Lindley) Rolfe.

sargentii: of Sargent. Listed for orig.coll., phytologist Oswald Hewlett Sargent (1880-1927). Descs. accr. to him are abbr. to: O.H.Sarg. cf. *Thelymitra sargentii* R.S.Rogers 1930. Noted as endemic to West.Aust.

x *Saridestylis*: auct. On the syn. list, cf. *Aerides* x *Rhynchostylis* x *Sarcanthus*.

Sarmenticola: Senghas & Garay 1996: ref. *sarmentum*: twig; small branch + resident; dweller. cf. *Sarmenticola calceolaris*. Noted as monotypic and endemic to Peru.

sarmentosum: ref. *sarmentum*, *sarmenti*: twigs + -osa: full of, etc. A pendent plant with fine, much branching stems, likened to a clump, or cluster of twigs. ex Myanmar, cf. *Dendrobium sarmentosum*.

saronae: for place name (+ of), only listed as ex PNG. cf. *Bulbophyllum saronae* Garay 1999.

Sarothrochilus: Schltr.1906: ref. *sarotron*: broom; brush + lip. syn. *Staurochilus* Ridl.

x *Sarpariza*: auct. On the syn. list, cf. *Parasarcochilus* x *Plectorrhiza* x *Sarcochilus*.

Sarracenella: Luer 1981: not sure if this was likened to a small *Sarracenia* (see *sarracenia* +-ella: small), or for D.Sarrazin +-ella: respectful suffix (?). eg. *Sarracenella pubescens*. syn. *Pleurothallis sarracenia* Luer.

sarracenia: ref. *Sarracenia*: a genus of pitcher plants (family, *Sarraceniaceae*, not orchids). ex Minas Gerais, Brazil, cf. *Pleurothallis sarracenia* Luer 1986. I have a reasonable reference library, inc three encyclopaedias and not one of them tells me who this genus is named for. On the off-chance, turned to my trusty old dictionary: ref. 17th century Canadian botanist, D.Sarrazin.

sarticulata: was going to leave this out, but there are many others that seem just as silly as my interpretation for this: (ref. *sartrix*: sewer; patcher; tailor) patched; darned + dimin.+ suffix: like or having a small patch. Possibly refs to the crest, as see the "correct name". cf. *Eulophia sarticulata*. syn. *E. cristata* (: crested).

sartor: lit., one who sews; tailor; patcher. Perhaps something appears as if darned, patched, or sewn (with stitches). Or, it could have some organ(s), or part(s) likened to a needle (as, used by a tailor) and many *Habenaria* flowers are noted for their spiky projections. cf. *Habenaria sartor*.

sartoroides: see *sartor* + resembling. Was probably likened to *Habenaria sartor* (?). cf. *Habenaria sartoroides*.

x *Sartylis*: auct. On the syn. list, cf. *Rhynchostylis* x *Sarcochilus*.

saruwagedicum: for place name: belonging to the Sarawaket Range, Huon Peninsula, PNG. cf. *Dendrobium saruwagedicum* Schltr.1920. syn. *D. brevicaule* ssp.*pentagonum*.

sasakii: of Sasaki. Listed for phytologist, Shun-ichi Sasaki (1888-1960). Descs. accr. to him are abbr. to: Sas. ex Taiwan, cf. *Ione sasakii* Hayata 1912. syn. *Sunipia andersonii* (King & Pantl.) P.F.Hunt 1971.

satipoana: belonging to Satipo, a town of Junín Department, Peru. cf. *Rodriguezia satipoana* Dodson & D.E.Benn.

Satirium: Neck.1768, see *Satyrium*. syn. *Satyrium* Sw.

sativa: ref. *sativus*: planted; cultivated. Noted, it was suspected of being imported. cf. *Vanilla sativa*. syn. *Vanilla planifolia*.

Satorkis (+ listed as, *Satorchis*): Thouars 1809. Noted it was orig. thought to be a cross (hybrid) of *Satyrium* x *Orchis*. syn. *Dactylorhiza* Neck.ex Nevski.

satsumana: ref. Satsuma city, and/or the Satsuma-hanto Peninsula (+ belonging to). Of Kagoshima-ken Prefecture, Kyushu Island, Japan. cf. *Habenaria satsumana* Ohwi 1936. syn. *H. flagellifera*.

satsumanus: as *satsumana*. cf. *Peristylus satsumanus* Ohwi 1936. syn. *Habenaria flagellifera*.

satyreum: see *Satyrium* with different suffix: noted for; belonging to. cf. *Brachionidium satyreum*.

satyrica: belonging to the *Satyri* (see *Satyrium*). Or, could be: belonging to the woods (?). cf. *Lepanthes satyrica*.

Satyridium: Lindley 1838, see *Satyrium* + dimin. syn. *Satyrium* Sw.

Satyriinae: *Satyrium* + suffix denotes it's a subtribe.

satyrioides: see *Satyrium* + resembling. cf. *Ionopsis satyrioides*.

satyriopsis: see *Satyrium* + appearance. Likened to a satyr (see explanation at *Satyrium*), or likened to *Satyrium* (?). cf. *Disa satyriopsis*.

satyrium: as next entry. cf. *Cymbidium satyrium*. syn. *Robiquetia succisa*.

Satyrium: Sw.1800, nom.cons. I have two explanations for this and both are quite applicable. (1) Ref. Dioscorides & Pliny (see separate entries): ancient Gk. authors and investigators of medicinal plants, herbs and natural medicines. I noted, they both refer to "the man orchid" (*Aceras anthropophorum*), as **satyrior**: a supposed aphrodisiac. Ref. the testicular tubercles which were ground into powder, see salep. (2) A fanciful allusion, ex Gk.myth.: the *Satyri* were sylvan demi-gods, usually depicted as being half man, half goat, with cloven hooves for feet. Hairy, with small horns on their heads and noted for their often cruel, insatiable sexual appetite and lustful wantonness. ex Sth.Africa, eg. *Satyrium bicornis* (: two + horns).

Satyrium: as last entry.= *Satyrium* section.

sauguetiense: from Saugueti. cf. *Bulbophyllum sauguetiense* Schltr.1913. Noted that during his expeditions to German New Guinea (now, PNG.), Dr.Schlechter made a camp at Saugueti, at the foot of the Bismarck Range.

Saundersia: Rchb.f.1866. Listed for botanist and authority William Wilson Saunders (1809-1879) of Reigate, Eng. Descs. accr. to him are abbr. to: Saund. ex Brazil, eg. *Saundersia mirabilis*.

saundersiae: listed for Mrs.C.Saunders (+ of), an authoritative collector (+ see *maudiae*). ex Natal, Africa, cf. *Bonatea saundersiae* (Harv.) T.Durand & Schinz 1894.

saundersiana: see *Saundersia*. ex French Guiana, cf. *Octomeria saundersiana* Rchb.f.1880.

saundersianum: see *Saundersia*. cf. *Cypripedium* x *saundersianum* O'Brien. Listed among the synonyms and noted as a *Phragmipedium* cross, without "correct name", etc.

saundersioides: see *saundersiae* (+ resembling). cf. *Bonatea saundersioides* (Kraenzl.& Schltr.) Cortesi 1905. Noted it was compared to *Bonatea saundersiae*.

saurocephala: ref. *sauros* + *kephale*: lizard + head. Alluding to a flower shape. cf. *Pleurothallis saurocephala*.

saurocephalum: as *saurocephala*. cf. *Bulbophyllum saurocephalum*.

Sauroglossum: Lindley 1833: lizard + tongue. ex Peru, eg. *Sauroglossum corymbosum*.

sauroglossum: lizard + tongue. cf. *Spiranthes sauroglossa*. syn. *Sauroglossum elatum*.

Saurolophorkis: Marg.& Szlach.2001: lizard + ref. *lophos*: crest; tuft; comb + orchid. ex New Guinea, eg. *Saurolophorkis cordanthemom*.

saururus: lizard + see *-ura*: tail. Ref. the raceme. cf. *Oberonia saururus*. syn. *O. gammiei*.

savageanum: belonging to Savage. Listed for botanist and orig.coll., J.Savage. ex the Philipp., cf. *Aerides savageana* Sander ex H.J.Veitch 1891.

savaiense: for place name: from Savai'i, largest island of the Samoan group (was Western Samoa). cf. *Bulbophyllum savaiense* Schltr.1911.

savaiiense: as *savaiense*. cf. *Taeniophyllum savaiiense* P.J.Cribb & Whistler 1996.

savaiiensis: see *savaiense*. cf. *Liparis savaiiensis* Fleischm.& Rech.1910. syn. *L. condylobulbon*.

savannarum: may be for a place name. Or: of, or relative to a savannah (?). Listed as ex Cuba, cf. *Vanilla savannarum* Britton 1920. syn. *V. palmarum*.

savannah; *savanna*: a (mostly) extensive treeless region. Is not exclusively a flat grassy plain, as the area can be hilly and have other low-growing vegetation (besides, grass). Can also have isolated, or pockets of trees. There are many local names for these regions, inc. prairie; pampa; steppe; veld, etc.

savannicola: ref. savannah + dweller; resident. Noted this species is from the savannah country on the eastn.slopes of the Bismarck Range, PNG. cf. *Diplocaulobium savannicola* (Schltr.) A.D.Hawkes 1957.

savegreensis: from Savegre (Savegre Abajo), a town of San José, Costa Rica. cf. *Sigmatostalix savegreensis* Pupulin 2003.

savogiensis : Lat'd. spelling for place name. Listed as: from Savoy (: Haute-Savoie?), France. cf. *Dactylorhiza savogiensis* D.Tyteca & Gathoye. syn. ("correct name" not given).

sawiense: listed for place name: from Sawu Island, Papua, Indon. cf. *Bulbophyllum sawiense* J.J.Sm.1912.

saxatile: see *saxatilis*. cf. *Epidendrum saxatile*.

saxatilis: descwd., freely trans.: found growing on, or among rocks. + See lithophyte.

saxatilis: as *saxatilis*. cf. *Maxillaria saxatilis*.

saxicola: ref. *saxum*: rock + dweller; resident. cf. *Pterostylis saxicola*. Noted as endemic to NSW., Aust.

saxicolum: as *saxicola*. cf. *Saccolabium saxicolum*. syn. *Micropera pallida*.

saxicolous: an Eng. adaption of *saxum* + *-cola*: rock + dweller + of. To do with plants that grow on rock. Not seen very often, mostly the word used is, lithophytic. See lithophyte.

saximontanum: rock (rocky?) + mountain. Is listed as ex Brazil, (near) São Paulo (sorry, couldn't determine which mountain). cf. *Epidendrum saximontanum* Pabst.

sayeri: listed for orig.coll., W.A.Sayer (+ of), who accompanied Mr.Cuthbertson (see *cuthbertsonii*), New Guinea expedition c1887. cf. *Cadetia sayeri* (Schltr.) Schltr.1912.

Sayeria: Kraenzl.1894: of Sayer, see *sayeri*. syn. *Dendrobium* Sw.

sayeria: see *sayeri*. ex New Guinea, cf. *Dendrobium sayeria* Schltr.1912. syn. *D. crutwellii*.

sayerianum: belonging to Sayer, see *sayeri*. ex New Guinea, cf. *Saccolabium sayerianum* F.Muell. & Kraenzl. 1894. syn. *Robiquetia mooreana*.

scaber, *scabra*, *scabrum*: descwds., used in combwds.as: *scabr-*, *scabri-*, *scabro-*: rough; scabby; scaly; gritty; scurfy, etc. + See *scabrid*, *scabrous*.

scaber: see *scaber*. cf. *Eriochilus scaber*. Noted as endemic to West.Aust.

scaberula: see *scaberulus*. cf. *Pleurothallis scaberula*.

scaberulum: see *scaberulus*. cf. *Bulbophyllum scaberulum*.

scaberulus: descwd., see *scaber*, with an added dimin.: finely, or minutely scabrous.

scabiosum: eventually found it listed as the one word: ref. *scabiosus*: mangy; scaly; scabby, etc. cf. *Cyrtorchilum scabiosum*.

scabra: see *scaber*, *scabrous*. Ref. the flower stem. cf. *Pterostylis scabra*. Noted as endemic to West.Aust.

scabrata: see *scaber* + like; having. cf. *Pleurothallis scabrata*.

scabratum: see *scaber* + like; having, + see *scabrous*. Ref. the sepals and petals. cf. *Bulbophyllum scabratum*.

scabrid: descwd., ref. *scabridus*: rough; gritty. + Can be: having a file-like surface.

scabrida: see *scabrid*. Ref. the flower stem. cf. *Pterostylis scabrida*. Noted as endemic to s.eastn. Aust.

scabridula: see *scabrid* + dimin.: slightly *scabrid*. cf. *Trichosalpinx scabridula*.

scabrifolium: see *scaber* + leaf. cf. *Dendrobium scabrifolium*.

scabrilingua: see *scaber* + tongue. cf. *Brachystele scabrilingua*.

scabrilingue: see *scaber* + tongue. cf. *Dendrobium scabrilingue*.

scabrilinguis: as *scabrilingue*. cf. *Malaxis scabrilinguis*.

scabripes: see *scaber* + foot. cf. *Dendrobium scabripes*. syn. *Dendrobium purpureum*.

scabroserrulatum: see *scaber* + see *serrulate*. cf. *Cymbidium scabroserrulatum*. syn. *Cymbidium faberi*.

scabrous: an English adaption. See *scaber* + suffix: having a fairly coarse, rough, sandpaper-like surface. Usually caused by small scales, and/or papillae. + See *scabrid*.

scabrum: see *scaber*, *scabrous*. cf. *Bulbophyllum scabrum*.

scalana: maybe for place name (? + belonging to), listed as ex Greece. Have only the one ref.: **Skála** Sayiádhas, a town of Thesprotia, Epirus. cf. *Ophrys* x *scalana* H.Baumann & Künkele 1986.

scalariform: ref. *scalaris*: of a ladder; ladder-like + form; shape. Having the shape of a ladder, esp. in ref. to venation, eg. "...veins, scalariform."

scalariforme: as scalariform. cf. *Angraecum scalariforme*.

scalariformis: scalariform. cf. *Maxillaria scalariformis*.

scalaris: ladder. + See scalariform. cf. *Lepanthes scalaris*.

scalena: one major ref. defines this as: like a dish; bowl, etc.(?). cf. *Stelis scalena*.

scalpellifera: as scalpelliform + bearing. cf. *Masdevallia scalpellifera*.

scalpelliform: ref. *scalprum*: knife; chisel + dimin. + Ref. Eng. scalpel: a small straight knife with a convex edge. + Trivium, ref. *scalpellum*: one of a pair of piercing, cutting and sucking processes in the proboscis of hemipterous insects (see "H") + form; shape. Scalpelliform is mostly, taken as alluding to the shape of a scalpel, or pen-knife (blade).

scalpelliforme: as scalpelliform. Ref. the leaves. cf. *Dendrobium scalpelliforme*. syn. *Dendrobium acinaciforme*. Pers.coll., common ex PM.PNG. Of interest to note, one says the leaves are likened to a scalpel and the other to a scimitar (sword).

scalpelliformis: as scalpelliform. cf. *Podochilus scalpelliformis*.

scalpelligerum: see scalpelliform + bearing. cf. *Epidendrum scalpelligerum*.

scalpricaulis: ref. *scalprum*: knife; chisel + stem; stalk. cf. *Pleurothallis scalpricaulis*.

Scandederis: Thouars 1822: climbing and creeping. syn. *Hederorkis* (vine; ivy + orchid).

scandens: climbing. cf. *Phreatia scandens*.

scandent: ref. *scandere*: to climb. Climbing; having the ability to climb.

scanense: could be a contraction for: from Scandinavia (+ from). But, more likely, ref. *Scania*: Skane (admin.division), sthn. Sweden. cf. *Satyrium scanense* L.ex Steud.1821. syn. *Pseudorchis albida*.

scansor: a climber; one who climbs. cf. *Otoglossum scansor*.

scape: noted as adapted from *scapus*: a shaft; stem; staff. A type of flower stem, like a leafless peduncle. A floral axis arising from the rhizome and often from under a pseudobulb. + See separate section on inflorescences (at "I").

scapha: see *scaphe*-. cf. *Pleurothallis scapha*.

scaphe-, *scaphi*-, *scapho*-. used in combwds., ref. *skaphion*: shovel, *skaphidion*: small shovel (mostly, without the handle). + Can be for a boat; bowl; basin. Most refs. agree (at least), on the shape: an organ, part, or group likened to a small shallow vessel.

scaphephorus: see *scaphe*+ bearing. cf. *Gongora scaphephorus*.

scaphiforme: see *scaphe*+ form; shape. cf. *Bulbophyllum scaphiforme*.

scaphigera: see *scaphe*+ bearing. cf. *Trichoglottis scaphigera*.

scaphipetala: see *scaphe*+ petals (?), or see *-petalo*-, which then makes the spec: a small shallow vessel + broad; wide, etc. cf. *Pleurothallis scaphipetala*.

scaphioglossa: see *scaphe*+ tongue. cf. *Phreatia scaphioglossa*.

scaphioglottis: see *scaphe*+ tongue. cf. *Pleurothallis scaphioglottis*. syn. *P. canaligera*.

scaphochilum: see *scaphe*+ lip. cf. *Cyrtorchilum scaphochilum*.

Scaphochilus: see *scaphe*-+ *lip*. = *Bulbophyllum* section.
scaphoides: see *scaphe*-+ resembling. cf. *Stelis scaphoides*.
Scaphosepalum: Pfitzer 1888: see *scaphe*-+ sepals. Ref. the connate sepals. ex Colombia to Venezuela, eg. *Scaphosepalum verrucosum*.
scaphosepalum: see *scaphe*-+ sepal. cf. *Bulbophyllum scaphosepalum*.
Scaphyglottis: Poepp.& Endl.1836: see *scaphe*:- shallow vessel, etc.+ tongue. ex Peru, eg. *Scaphyglottis conferta*.
scapigera: see scape + bearing. cf. *Sarcophylla scapigera*.
scapigerum: as *scapigera*. cf. *Mischobulbum scapigerum*.
scaposa: see scapose (see scape +-osa). cf. *Brassavola scaposa*. syn. *B. nodosa*.
scapose: ref. *scaposus*: with abundant, or well developed scape(s). Or: having, or like a scape.
scarabaeforme (+ *scarabiiforme*): ref. *scarabaeus*: scarab (or, some kind of beetle) + form; shape. cf. *Luisia scarabaeforme*. syn. *Luisia psyche*. Of interest to note, one says: a beetle and the other, a butterfly.
scarabiiforme: as *scarabaeforme*. cf. *Cymbidium scarabiiforme*. syn. *Luisia psyche*.
scariosa: see scarious. cf. *Sunipia scariosa*.
scariosum: see scarious. cf. *Bulbophyllum scariosum*.
scarious: ref. *scariosus*: dry; thin; membranous; filmy; looking withered, or seared.
scarlatinum: see *scarlatinus*. cf. *Dendrobium scarlatinum*. syn. *D. puniceum* (of interest, see *puniceus*).
scarlatinus: a colour term: bright red; vermilion. + See *cinnabarinus*, *coccineus*, etc., which are listed as very similar.
sceliphron: ref. *skeliphros*: appearing to be dehydrated; as if in poor condition; malnourished; thin, etc. ex New Guinea, cf. *Bulbophyllum sceliphron* J.J.Verm.1991.
Scelochiloides: Dodson & M.W.Chase1989: leg + lip + resembling. Or, was likened to *Scelochilus* (?). ex Bolivia, cf. *Scelochiloides vasquezii*.
Scelochilopsis: Dodson & M.W.Chase 1998: as *Scelochilus* + appearance. Listed as monotypic and endemic to French Guiana. cf. *Scelochilopsis ecalcarata*.
Scelochilus: Klotzsch 1841: ref. *skelos*: leg + lip. Has two basal lobules on margins of the lip, likened to legs. eg. *Scelochilus carinatus*.
x *Scelodium*: J.M.H.Shaw. On the syn. list, cf. *Oncidium* x *Scelochilus*.
Scelopteris: Scheidw.1839: leg + wing. syn. *Cirrhaea* Lindl.
x *Sceloretia*: Staal & J.M.H.Shaw. On the syn. list, cf. *Comparettia* x *Scelochilus*.
sceptr-, *sceptro-*: used in combwds., ref. *skeptron*; *sceptrum*: staff; wand; shaft; baton, etc.
Trivium: obviously the etym. of the English word, sceptre.
sceptra: see *sceptr-*. cf. *Prosthechea sceptra*.
sceptrodes: see *sceptr-*+ like; resembling. cf. *Sarcoglottis sceptrodes*.
sceptrophora: see *sceptr-*+ bearing. cf. *Habenaria sceptrophora*.
sceptrum: ref. *skeptron*: staff; wand; shaft; baton. Could ref. either to the very strong petiole of the massive leaf, or the strong, hard peduncle of the raceme. cf. *Phyllorkis sceptrum*. syn. *Bulbophyllum elongatum*.

Schaenomorphis: Thorel & Gagnepain 1933: ref. *schoenos*: reed; rush + shape; form. This may be a typ.error, see *Schoenomorphis*.

schaffneri: listed for botanist, John Henry Schaffner (1866-1939). ex Mexico, cf. *Habenaria schaffneri* S.Watson 1888.

scheaffiana: for orig.coll., R.G., or G.H. Scheaffe (? , different books, different initials), an early district surveyor of Forbes, NSW., Aust. cf. *Diuris scheaffiana* Fitzg.1889. syn. *Diuris tricolor*. Noted as endemic to eastn. Aust.

schelkownikowii: Lat'd. spelling for surname of phytologist, A.B.Schelkovnikov (+ of). Descs. accr. to him are abbr. to: Schelk. ex Europe to Asia, cf. *Orchis schelkownikowii* Woronow 1909. syn. *O. punctulata*.

schenckianum: belonging to Schenk, see *schenckii*. ex the trop. Americas, cf. *Epidendrum schenckianum* Kraenzl.1909. syn. *E. anceps*.

schenckii: listed for botanist and author (+ of), Alexander Schenk [Schenck ?] (1864-1924). ex Brazil, cf. *Stelis schenckii* Schltr.1915.

schenkii: see *schenckii*. ex Brazil, cf. *Pogoniopsis schenkii* Cogn.1893.

schensiana: belonging to Shensi Prov., nth. eastn. China. Maybe the specep. was spelt in a European fashion (sch-). cf. *Epipactis schensiana* Schltr.1922. syn. *E. mairei*.

schensianum: as *schensiana*. cf. *Arthrochilium schensianum* (Schltr.) Szlach.2003. syn. *Epipactis mairei*.

Schidorhynchos: Szlach.1993: ref. *schidax*: (small) shard; splinter + beak; snout, etc. ex Bolivia, cf. *Schidorhynchos distans*. syn. *Sauroglossum distans*.

Schiedeella: Schltr.1920: listed for botanist and naturalist, Christian Julius Wilhelm Schiede (1798-1836), who collected in Mexico, etc., +-ella: respectful suffix. eg. *Schiedeella fragrans* Szlach.1991.

schiedei: of Schiede (as orig.coll.), see *Schiedeella*. ex Mexico, etc., cf. *Campylocentrum scheidei* (Rchb.f.) Benth. ex Hemsl.1884.

schilleranum: belonging to Schiller. For noted horticulturist, Count von Schiller of Hamburg, Germany. ex Venezuela, cf. *Odontoglossum schilleranum* Rchb.f.1854.

schilleriana: as *schilleranum*. ex the Philipp., cf. *Phalaenopsis schilleriana* Rchb.f.1860.

schillerianum: see *schilleranum*. cf. *Bulbophyllum schillerianum* Rchb.f.1860. Noted as endemic to eastn. Aust.

schimperanum: belonging to Schimper. Listed for orig.coll., C.F., or W.P.Schimper (? , different books, different initials*). ex Westn. central Africa, cf. *Bulbophyllum schimperanum* Kraenzl.1902 (+ see *schimperianum*). *C.F.: Carl Friedrich Schimper (1803-1867) and W.P.: Wilhelm Philipp Schimper (1808-1880).

schimperi: see *schimperanum*. ex Ethiopia to Angola, cf. *Satyrium schimperi* Hochst. ex A.Rich.1850.

schimperiana (+ have noted, *schimperana*): see *schimperanum*. cf. *Diaphananthe schimperiana* (A.Rich.) Summerh.1945. syn. *Rhipidoglossum schimperianum*.

schimperianum: this is the way it is spelt on the official listing. See *schimperanum*. cf. *Bulbophyllum schimperianum* Kraenzl.1902.

schindleri: for botanist and author, Anton Karl Schindler [+ of] (1879-1964). ex Guangxi, Prov., China. cf. *Habenaria schindleri* Schltr.1920.

schinus: ref. *schinos*: the mastic-tree. + Ref. *Schinus*: a genus of American trop. shrubs and trees: a pepper tree of the family: *Anacardiaceae*. Noted this whilst reading and forgot to include the references.

schinziana: as *schinzianum*. ex the New Caledonia region, cf. *Spathoglottis schinziana* Kraenzl.1929. syn. *S. unguiculata*.

schinzianum: listed for orig.coll., botanist and author, Hans Schinz (1858-1941) + belonging to. ex the Congo, Africa. cf. *Bulbophyllum schinzianum* Kraenzl.1899.

schinzii: as *schinzianum*. Listed as ex Sumatra (Riau Island), cf. *Flickingeria schinzii* (Rolfe) A.D.Hawkes 1965.

schirwanica: for place name (+ belonging to). Possibly, ref. **Schirwan** Mazin (village), n.east Iraq (?). cf. *Orchis schirwanica* Woronow. syn. *Anacamptis papilionacea* var.*papilionacea*.

Schismoceras: C.Presl 1827: ref. *schisma*: split; cleft + horn. Ref. the sepals. syn. *Dendrobium* Sw.

schist-, *schisto-*: used in compwds., ref. *schistos*: split; divided; cleft; cloven; separated.

schista: see *schist-*. cf. *Barbosella schista*.

schistaceus: was confused with this, as freely trans., it means: like, or as if split. Listed as a vague colour term: slate-grey, verging on blue. Has an involved explanation concerning freshly split slate.

schistanthera: split + see anther. cf. *Podochilus schistanthera*.

schistochila: split + lip. cf. *Liparis schistochila*.

schistochilum: split + lip. cf. *Epidendrum schistochilum*.

schistoglossa: split + tongue. cf. *Flickingeria schistoglossa*.

schistoglossum: split + tongue. cf. *Dendrobium schistoglossum*. syn. *Flickingeria schistoglossa*.

schistoloba: split + lobe. cf. *Eria schistoloba*.

schistopetala: split + petals (?), or see *-petalo-*, which then makes it: split + broad; wide, etc. cf. *Pleurothallis schistopetala*. syn. *Trichosalpinx zephyrina*.

Schistopetalum: see *schistopetala*. = *Bulbophyllum* section.

schistopetalum: see *schistopetala*. cf. *Bulbophyllum schistopetalum*.

schistostele: split + see *stele*: pillar; column. cf. *Maxillaria schistostele*.

Schistotylus: split + see *tyle*: callus; knot; wart; lump, etc. Ref. labellum mid-lobe. Listed as orig. desc. x Rupp 1938, as *Cleisostoma purpuratum*, then Alick Dockrill created the new genus and t/fd. it to *Schistotylus purpuratus* (Rupp) Dockrill 1967. Noted as monotypic and endemic to NSW., Aust.

schiz-, *schizo-*: ref. *schistos*; *schisma*: split, etc., see *schist-*.

schizantha: split + flower. cf. *Masdevallia schizantha*.

schizix: can't translate this with any certainty, but noticed there are quite a few of this genus named for worms; grubs, etc. (eg., see *scolex*). So, this may be *schiz-*: cut + *ix*: worm, or grub: (a) cutworm, or cut-grub (the ones, which can quickly destroy crops and gardens, aka., army worms, etc.). Sounds good, if it's right (?). ex Ecuador, cf. *Lepanthes schizix* Luer 1983.

schizocardia: cut; split + heart. cf. *Lepanthes schizocardia*.

Schizmoceras: ref. *schisma*: split, etc. + horn. eg. *Schizmoceras disticha* Presl.
Schizochilus: Sond.1847: split + lip. ex Sth.Africa, eg. *Schizochilus zeyheri* Sond.
schizochilus: split + lip. cf. *Synmeria schizochilus*. syn. *Habenaria crinifera*.
schizoclinandrium: split + see *clinandrium*. cf. *Epidendrum schizoclinandrium*.
schizodioides: see *Schizodium* + resembling. cf. *Disa schizodioides*.
Schizodium: Lindley 1838: split, etc. + suffix: of, or dimin.(?). ex Sth.Africa, eg. *Schizodium flexuosum* (L.) Lindley.
Schizopodium: Salisb.1814: split + small foot. syn. *Cypripedium* L.
schizopetala: split + petals (?), or see *-petalo-*, which then makes it: split + wide; broad, etc. cf. *Masdevallia schizopetala*.
schizopetalum: as *schizopetala*. cf. *Bulbophyllum schizopetalum*.
schizopogon: split, etc. + beard. cf. *Andinia schizopogon*.
schizosepala: split + sepal(s?). cf. *Restrepia schizosepala*.
schizostigma: split, etc.+ see *stigma*. cf. *Masdevallia schizostigma*.
schizura: split; cut + tail (?), or see *-ura*: for the result of an action. cf. *Lepanthes schizura*.
schlechtendaliana: listed for botanist and author (+ belonging to), Diedrich Franz Leonhard von Schlechtendal (1794-1866). Descriptions accr. to him are abbr. to: Schldl. ex Tibet to Japan and Sumatra, cf. *Goodyera schlechtendaliana* Rchb.f.1849.
schlechtendalianum: as *schlechtendaliana*. cf. *Orchiodes schlechtendalianum* (Rchb.f.) Kuntze 1891. syn. *Goodyera schlechtendaliana*.
x *Schlechterara*: Garay & H.R.Sweet: of Schlechter, see *schlechterianum*. On the syn. list, the result of *Ascocentrum* x *Euanthe* x *Vanda*.
Schlechterella: Hoehne 1944. Listed for Dr.Schlechter + respectful suffix. Info. see *schlechterianum*. syn. *Rudolfiella* Hoehne.
schlechteri: see *schlechterianum*. ex Fiji, cf. *Malaxis schlechteri* (Rolfe) L.O.Williams 1938.
Schlechteria: see *schlechterianum*. = *Bulbophyllum* sub-genus, and/or section.
schlechteriana: see *schlechterianum*. cf. *Glomera schlechteriana* Mansf.1929. Noted as endemic to PNG.
schlechterianum: Schlechter + belonging to. cf. *Epidendrum schlechterianum* Ames 1924*. For famous phytologist, prolific author and authority, Friedrich Richard Rudolf Schlechter (1872-1925), born Berlin, Germany. He collected widely, and had two major expeditions to German New Guinea, totalling five years, from which he wrote *Die Orchidaceen von Deutsch Neu Guinea*. In this book, he described 1,450 species in 116 genera and only worked on the New Guinea side of PNG., without hardly going near Papua (of PNG.), or Papua, Indon.! This book has an Eng. translation and is a "must" for anyone interested in New Guinea orchids. Descs. accr. to him are abbr. to: Schltr. *ex Mexico, etc., syn. *Nanodes discolor*.
schlechterianus: as *schlechterianum*. ex Brazil, cf. *Physurus schlechterianus* Hoehne 1945. syn. *Platythelys schlechteriana* (Hoehne) Garay 1977.
Schlechterorchis: Szlach.2003: "Schlechter's orchid", info. see *schlechterianum*. syn. *Habenaria* Willd.
schliebenii: listed for orig.coll., H.J.Schlieben (+ of). ex Tanzania, Africa, cf. *Sphyrarynchus schliebenii* Mansf.1935. Noted as monotypic and endemic.

schlieperianum: listed for noted grower, F.Schlieper (+ belonging to) of Elberfeld, Germany, first to flower it. ex Costa Rica and Panama, cf. *Rossioglossum schlieperianum* (Rchb.f.) Garay & G.Kenn.1976.

schlimii: of Schlim. Listed for orig.coll., see *Schlimmia*. ex Colombia, cf. *Odontoglossum schlimii* Linden & Rchb.f.1854. syn. *O. sceptrum*.

Schlimmia (+ have noted it as *Schlimia*): Planch.& Linden 1852. Listed for orig.coll., Louis Schlim (+ of), who collected in Colombia, Venezuela, etc.(+ was a cousin to noted phytologist, Jean Linden, see *lindenii*). ex Colombia, eg. *Schlimmia jasminodora*.

schmalhausenii: listed for botanist and author, Johannes Theodor Schmalhausen (1849-1894). ex Europe, cf. *Epipactis x schmalhausenii* K.Richt.1890.

schmidtianum: of Schmidt. Listed for orig.coll., Danish scientist, Johs Schmidt. ex Thailand, cf. *Dendrobium schmidtianum* Kraenzl.1902. syn. *D. crumenatum*. See sketch and notes at "C".

schmidtii: listed for botanist and author, Franz Schmidt (1751-1834). cf. *Ephippianthus schmidtii* Rchb.f. syn. *E. sachalinensis*.

schneiderae: listed for orig.coll., Mrs.H.Schneider (+ of). cf. *Dendrobium schneiderae* F.M.Bailey 1886. Noted as endemic to eastn. Aust.

schneideri: listed for botanist and author, Camillo Karl Schneider (1876-1951). ex Colombia, cf. *Platystele schneideri* P.Ortiz 1979.

schoenbrunnensis: from Schönbrunn. Has to be for where it was flowered in cultivation and probably refs. to the Schönbrunn Palace complex, Vienna, Austria. Did some reading and amongst its many attractions, in the gardens, they do have areas housing exotic plants. This species is listed to be from Mexico to Honduras, cf. *Lycaste schoenbrunnensis* Umlauf 1893. syn. *L. skinneri*.

schoenina: ref. *schoenos*: reed; rush + see *-ina*: like, etc. cf. *Dockrillia schoenina*. syn. *Dendrobium schoeninum*. Noted as endemic to eastn. Aust.

schoeninum: as *schoenina*. cf. *Dendrobium schoeninum*.

Schoenomorphus: Thorel ex Gagnep.1933: reed; rush + shape; form (also see *Schaenomorphus* ?). Noted as monotypic and endemic in Indo-China. ex Laos, cf. *Schoenomorphus capitatus*.

Schoenorchis: Reinw.ex Blume 1825: ref. *schoenos*: reed; rush + orchid. Ref. the leaves. eg. *Schoenorchis micrantha*. Pers.coll., common ex PM.PNG.

schoenorchis: see *Schoenorchis*. cf. *Phreatia schoenorchis*.

schofieldiana: listed for noted grower, W.G.Law-Schofield (+ belonging to) of Manchester, Eng., first to flower it. ex Brazil, cf. *Cattleya schofieldiana* Rchb.f.1882.

x *Schombobrossavola*: auct. On the syn. list, cf. *Brassavola x Schomburgkia*.

x *Schombocatonina*: auct. On the syn. list, cf. *Broughtonia x Cattleya x Schomburgkia*.

x *Schombocattleya*: auct.1905. The name is from the parents, as it's listed as a cross of *Cattleya x Schomburgkia*. ex Brazil, eg. x *Schombocattleya felix* L.C.Menezes 1999 (and this is not to do with a cat, see *felix*).

x *Schomboepidendrum*: auct. On the syn. list, cf. *Epidendrum x Schomburgkia*.

x *Schombolaelia*: auct. On the syn. list, cf. *Laelia x Schomburgkia*.

x *Schombolaeliocattleya*: auct. On the syn. list, cf. *Cattleya x Laelia x Schomburgkia*.

x *Schombolaeliopsis*: auct. On the syn. list, cf. *Laeliopsis* x *Schomburgkia*.

x *Schombonitis*: auct. On the syn. list, cf. ***Schomburgkia*** x *Sophronitis*.

x *Schombotonia*: auct. On the syn. list, cf. *Broughtonia* x *Schomburgkia*.

Schomburgkia: Lindley 1838. Listed for orig.coll., Sir Robert Herman Schomburgk (1804-1865), an eminent botanist and naturalist who collected extensively in Guyana, West Indies, Dominican Republic, etc. Descs. accr. to him are abbr. to: Schomb. eg. *Schomburgkia crispa*. + Of interest, ref. his brother, Sir Moritz Richard Schomburgk (1811-1891), also an authoritative botanist. In 1840 he joined brother Robert on an expedition to Guyana for over 4yrs. and later became Director of the Adelaide Bot.Garden, Aust.(1865). Descs. accr. to him are abbr. to M.R.Schomb.

schomburgkianum: see *Schomburgkia* (+ belonging to). ex Venezuela, cf. *Cypripedium schomburgkianum* (Rchb.f.) Rolfe. syn. *Phragmipedium klotzschianum*.

schomburgkii: see *Schomburgkia*. cf. *Epidendrum schomburgkii* Lindley 1838. syn. *E. macrocarpum*.

Schomburgkiocattleya: auct.1903. On the syn. list, cf. *Schomburgkia* x *Cattleya*. syn. x *Schombocattleya* (but, this is also listed as a synonym, without further info.).

schouteniense: from the Schouten Islands, n.east of Wewak, New Guinea (PNG.). cf. *Diplocaulobium schouteniense* (J.J.Sm.) A.D.Hawkes 1957.

schroderae: see *schroederiana*. ex Colombia, cf. *Cattleya schroderae* Rchb.f.1887.

schroderae: see *schroederiana*. ex Colombia, cf. *Cattleya schroderae* Sander.

schroederanum: see *schroederiana*. cf. *Oncidium schroederanum* (O'Brien) Garay & Stacy 1974. syn. *Miltonioides schroederiana* (O'Brien) Lückel.

schroederi: for Baron Schröder (+ of), first to flower it. See *schroederiana*. ex Vietnam, cf. *Cymbidium schroederi* Rolfe 1905.

schroederiana: belonging to Schröder. For noted grower, Baron Sir J.H.W.Schröder of "The Dell" near Staines, Eng., first to flower it. ex Costa Rica, cf. *Masdevallia schroederiana* Sander 1890.

schroederianum: see *schroederiana*. ex the Lesser Sunda Isls., Indon. cf. *Dendrobium phalaenopsis* var. *schroederianum* Masters 1891. syn. *Dendrobium striaenopsis*. Noted, the mercenary, W.Micholitz (see *nicholitzii*) consigned thousands of this one species to Sander & Co. of Eng. They all perished on the long sea voyage, and he was then ordered to go out and collect them again. In those days, with the mercenaries' ruthless collecting methods, imagine what else was destroyed in this wholesale rape and pillage. + See mercenaries.

schuetzei (or, *schutzei*): listed for orig.coll., A.Schuetze (Schütze ?). ex the Philipp., cf. *Dendrobium schuetzei* Rolfe 1911.

schulleri: listed for noted grower and collector, C.Schuller. ex Papua, Indon., cf. *Dendrobium schulleri* J.J.Sm.1914.

schultesii: listed for Prof.Richard Evans Schultes (b1915). Descs. accr. to him are abbr. to: R.E.Schult. He and co-author, Prof.Arthur Stanley Pease wrote "Generic Names of Orchids. Origins and Meanings". I got a great deal of info. from this book, but often found it confusing. Later, in my own research, I found a lot of their

explanations that I just couldn't agree with. I feel that, perhaps with many, they were only working from a list and hadn't actually accessed the author's papers and books to determine the real ideas behind the names. I'm not saying my interpretations are more erudite, but it may be worthwhile to use their book in conjunction with mine. The example for this specep., ex Nepal to Thailand, cf. *Coelogyne schultesii* S.K.Jain & S.Das 1978.

schulzei: listed for phytologist and author, M.Schulze. Noted as a colleague and co-author with J.F.N.Bornmüller (see *bornmuelleri*). ex eastn. Mediterranean, Turkey, etc. cf. *Ophrys schulzei* Bornm.& Fleischm.1911.

schumanniana: as *schumannianum*. ex Costa Rica, cf. *Oerstedella schumanniana* (Schltr.) Hágsater 1981.

schumannianum: belonging to Schumann. For phytologist, author and publisher, Karl Moritz Schumann (1851-1904). Often seen in refs. is the notation: K.Schum. et Laut.*, Nachtr.(and then the date), for the publication: *Nachtrage zur Flora der Deutschen Schutzgebiete in der Südsee, Leipzig*. Dr.Schlechter often used this media. cf. *Dendrobium* x *schumannianum* Schltr.1905. syn. *Dendrobium* x *andersonianum* F.M.Bailey. *(Laut.: see *lauterbachiana*).

schumannii: as *schumannianum*. ex west Africa, cf. *Ancistrorhynchus schumannii* (Kraenzl.) Summerh.1948.

schuriana: belonging to Schur, see *schurii*. ex Europe and the Mediterranean to Mongolia, cf. *Platanthera schuriana* Fuss 1868. syn. *P. bifolia*.

schurii: listed for botanist and author, Philip Johann Ferdinand Schur (1799-1878). ex the Carpathians, cf. *Dactylorhiza maculata* ssp.*schurii* (Klinge) Soó 1967.

schwackeana: belonging to Schwacke. Listed for botanist, Carl August Wilhelm Schwacke (1848-1904). ex Brazil, cf. *Vanilla schwackeana* Hoehne 1944.

schwackei: as *schwackeanum*. ex Brazil, etc., cf. *Habenaria schwackei* Barb.Rodr.1881.

Schwartzkopffia: Kraenzl.1900. Listed for botanists and naturalists (brothers) Ernest and Philip Schwartzkopff (+ of), who collected in Africa (and elsewhere). ex West trop. Africa, eg. *Schwartzkopffia pumilio*. syn. *Brachycorythis pumilio*.

schwartzkopffianum: see *Schwartzkopffia* (+ belonging to). ex PNG., cf. *Dendrobium schwartzkopffianum* Kraenzl.1898. Pers.coll., see *peekelii*.

x *Schweinfurthara*: J.M.H.Shaw: of Schweinfurth, see next entry. On the syn. list, the result of *Brassia* x *Cischweinfia* x *Oncidium* x *Rodriguezia*.

schweinfurthiana: belonging to Charles Schweinfurth (1890-1970), phytologist, prolific author, collector and authority on orchids of SE.Asia and the trop. Americas. Co-author with Prof. Oakes Ames of "Orchids of Mt.Kinabalu" 1920, amongst many other works. Descs. accr. to him are abbr. to: C.Schweinf. ex Borneo, cf. *Pholidota schweinfurthiana* L.O.Williams 1938.

schweinfurthianum: as *schweinfurthiana*. ex El Salvador and Guatemala, cf. *Epidendrum schweinfurthianum* Correll 1947. syn. *Oerstedella schweinfurthiana*.

schweinfurthii: see *schweinfurthiana*. ex Peru to Bolivia, cf. *Pleurothallis schweinfurthii* Garay 1954. + See next entry.

schweinfurthii: for botanist and author, Georg August Schweinfurth [+ of] (1836-1925).

He collected widely in Europe and Africa and descs. accr. to him are abbr. to:

Schweinf. ex Rwanda, cf. *Eulophia schweinfurthii* Kraenzl.1893.

Schyphyosepalum: may be an error (?), see *Scyphosepalum*.

sciadantha: as *sciadanthum*. cf. *Eria sciadantha*. syn. *Epiblastus sciadanthus*.

sciadanthum: ref. *skia*: shade; shadow (as, dark) + like + flower. cf. *Bulbophyllum sciadanthum*. syn. *Epiblastus sciadanthus*.

sciadanthus: as *sciadanthum*. cf. *Epiblastus sciadanthus*.

sciaphila: *skia* + *-phila*: loves shade. cf. *Malaxis sciaphila*.

sciaphile: loves shade. cf. *Bulbophyllum sciaphile*.

sciaphilum: loves shade. cf. *Crepidium sciaphilum*. syn. *Malaxis sciaphila*.

scintilla: spark; gleam (+ flash; sparkle). cf. *Bulbophyllum scintilla*.

scintillans: sparking; flashing, etc. cf. *Sarcoglottis scintillans*.

scintillata: see *scintilla* + like; having. cf. *Pleurothallis scintillata*.

scintillulans: as *scintillans* with an added dimin. cf. *Burlingtonia scintillulans* (syn.).

sciophyte: an English adaption of *skia* + *phyton*: shade; shadow + plant. One which thrives in very shady conditions, as many forest-floor dwellers.

scirpioidea: ref. *scirpus*: rush; bullrush + resembling. cf. *Bromheadia scirpioidea*.

scirpoidea: as *scirpioidea*. cf. *Octomeria scirpoidea*.

Scirpoideae: those resembling a rush.= *Octomeria* section *Teretifoliae* subsection *Scirpoideae*.

scirpoides: as *scirpioidea*. cf. *Ceratostylis scirpoides*.

scissosaccus: ref. *scissus*: split; torn; cut + bag; pouch, etc. cf. *Appendicula scissosaccus*.

scita: ref. *scite*: tastefully; cleverly, + see *scitula*. cf. *Cattleya* x *scita* Rchb.f.1885. ex Brazil, listed as a natcross of *C. intermedia* x *C. tigrina*.

scitula: ref. *scitulus*: pretty; neat; elegant; trim; smart. cf. *Pleurothallis scitula*.

scitulum: as *scitula*. cf. *Bulbophyllum scitulum*.

scitulus: as *scitula*. cf. *Hapalochilus scitulus*. syn. *Bulbophyllum scitulum*.

sciuroides: ref. *skiouros*, *sciurus*: a squirrel + resembling. cf. *Podochilus sciuroides*. syn. *Podochilus microphyllus*.

sciurus: a squirrel, + see *sciuroides*. cf. *Oncidium sciurus*. syn. *O. pulvinatum*.

scler-, *sclero-*: used in compwds., ref. *skleros*: hard; tough; very firm.

sclerenchyma: technical descwd. Strengthening fibre-like threads, composed of hardened and thick-walled cells just beneath the surface of hard parts, which inc. leaves, petioles, stems, etc. When the organ disintegrates with age, they are often left exposed and resemble bristles.+ See cataphylls.

scleriifolia: here, the "ii" indicates this has been compared to some other plant, not necessarily an orchid. Possibly, ref. *Scleria*, a genus of grass-like plants (family: *Cyperaceae*) + of + leaf. + See *scler-*: hard; tough, etc.+ of + leaf (?). cf. *Liparis scleriifolia* Schltr.

sclerocladia: as *sclerocladium*. cf. *Encyclia sclerocladia*.

sclerocladium: see *scler-*+ *cladium*, see *clad-*: small sprout; branch, etc.. cf. *Epidendrum sclerocladium*. syn. *Encyclia sclerocladia*.

sclerophyll: an Eng. adaption of *skleros* + *phyllon*: hard; tough + leaf. Often seen ref. to a habitat, eg. sclerophyll forest. The trees have tough leathery leaves that reduce evaporation, making them tolerant of dry conditions.

sclerophylla: tough + leaf. cf. *Eria sclerophylla*.

sclerophyllum: tough + leaf. cf. *Epistephium sclerophyllum*.

Scleropteris: Scheidw.1839: see *scler-*: hard, etc. + ref. *pteryx*: wing. syn. *Cirrhaea* Lindl.

scleropus: hard; tough + foot; footed. cf. *Pleurothallis scleropus*. syn. *P. discoidea*.

sclerotic: ref *skleros*: hard; tough + suffix: characteristic of. eg. In a discussion, the leaves were described as "sclerotic". + See sclerophyll.

scobicular: an Eng. adaption of *scobis*: a coarser dust; sawdust + dimin. + like, etc.: likened to fine sawdust. eg. In a description was: "...seed, scobicular." Can also ref. to a surface condition, where it appears to be dusted, usually, with smaller bristles, papillae, etc.

scobiform: an Eng. adaption of *scobis*: a coarser dust; sawdust, + form; shape. eg. In a discussion was: "...rhizome scales, scobiform."

scobina: not as I first thought: sawdust + like (ref. *scobis* + *-ina*), but is listed as lit.: like a rasp, or tool for scraping. cf. *Masdevallia scobina*.

scolex: ref. *skolekos*, *skolex*: a worm (or, grub). cf. *Lepanthes scolex*.

Scoliochilus: Rchb.f.1867: ref. *skolekos*: a worm, or grub + lip. syn. *Appendicula* Blume.

scolopax: ref. *skolopax*: a snipe. A small brown wading bird that has a long, narrow, pointed beak. cf. *Ophrys scolopax*.

scolopaxoides: snipe (bird) + resembling, or was likened to *Ophrys scolopax* (?). cf. *Ophrys heldreichii* var. *scolopaxoides*. syn. *O. scolopax*.

scolopendrifolia: as *scolopendrifolium*. cf. *Pelatantheria scolopendrifolia*.

scolopendrifolium: ref. *skolopendra*: a small worm-like creature with many legs, like a millipede + leaf. The leaves are narrow and edged with hairs. cf. *Cleisostoma scolopendrifolium* (Makino) Garay. syn. *Pelatantheria scolopendrifolia*.

scolopendrifolius: as *scolopendrifolium*. cf. *Sarcanthus scolopendrifolius*. syn. *Pelatantheria scolopendrifolia*.

scolops: something pointed, eg. a thorn; prickle. cf. *Lepanthes scolops*.

scopa: broom; brush; the bundle of fine twigs which make up a brush; a mass of relatively short bristles in a tuft. + Sometimes noted as likened to the pollen brush of a bee (esp. in entomology: a scopa).

scopa: see scopa, refs. to the labellum tuft. cf. *Flickingeria scopa*.

scopaea: see scopa; those having a scopa. cf. *Masdevallia scopaea*.

scoparum: see scopa + of; like; belonging to. cf. *Pleurothallis scoparum*.

scopolii: listed for botanist, naturalist and author, Giovanni Antonio Scopoli (1723-1788). Descs. accr. to him are abbr. to: Scop. cf. *Orchis scopolii* Timb.-Lagr.1855. syn. *Neotinea tridentata*.

scopula: see scopa + dimin.: small broom; brush. Here, refs. to the plant appearance, likened to a brush. The lower stem as a handle and then it branches, with many leaves. cf. *Dendrobium scopula*.

Scopularia: Lindley 1835: see *scopa*, *scopula* + relative to. Has a tuft, at the apex of the lip (looks like a whisk to me). syn. *Holothrix* Rich.ex Lindl.

scopularia: small broom; brush + of; like, etc. cf. *Holothrix scopularia*.

scopulariae: see *Scopularia*. cf. *Discyphus scopulariae*.

scopulata: see *scopulate*. Noted as alluding to the plant appearance. cf. *Glossorhyncha scopulata*. Listed as endemic to Papua, Indon.

scopulate: ref. *scopulatus*: having, or like a small broom, or brush, + see *scopa*. Alluding to any group of organs, or parts, + see *scopula* where the whole plant is likened to a brush, or broom.

scopulifera: small broom; brush + bearing. cf. *Lepanthes scopulifera*.

scopulorum: see *scopa*, *scopula* + of, relative to. cf. *Orchis scopulorum*.

scoriarum: ref. *scoria* (: lava): slag, or dross + of. ex China, noted the plants were orig. found near old larva flows. cf. *Dendrobium scoriarum*.

scorpioidea: *scorpio* + resembling: like a scorpion. cf. *Maxillaria scirpioidea*.

scorpioideum: as *scirpioidea*. cf. *Camaridium scirpioideum*. syn. *Maxillaria scirpioidea*.

scortechinii: listed for orig.coll., naturalist and botanist, the Rev.Fr.Benedetto Scortechini (1845-1886), an authoritative collector in the SE.Asia region. Descs. accr. to him are abbr. to: Scortech. cf. *Hippeophyllum scortechinii* (Hook.f.) Schltr.1911. Pers.coll., common ex PM.PNG., in my ignorance, I always thought it was an *Oberonia*.

scotica: listed as Lat'd. spelling for place name: belonging to *Scotia*: ancient name for Scotland. cf. *Dactylorhiza majalis* ssp. *scotica* E.Nelson 1979. syn. *D. majalis* ssp. *occidentalis* (: of the west and it does come from west Scotland).

scotiiferum: ref. *skotios*: dark + of + bearing. Ref. the dark flowers. cf. *Dendrobium scotiiferum*. syn. *Dendrobium violaceum* ssp.*cypripedifolium*.

scotiifolia: as *scotiifolium*. cf. *Eria scotiifolia* J.J.Sm.

scotiifolium (+ have noted it as *scotifolium*): ref. *skotios*: dark; darkness + of + leaf. cf. *Bulbophyllum scotiifolium*.

scotiiforme: dark + of + form. cf. *Diplocaulobium scotiiforme*.

x *Scottara*: auct.: of Scott. May be for one of the next entries (esp., see *scottii*), or could be for an entirely different person (?). On the syn. list, the result of *Aerides* x *Arachnis* x *Luisia*.

scottiana: listed for noted grower, W.A.Scott (+ belonging to) of Dumfries, Eng. ex Mexico, etc., cf. *Laelia anceps* var. *scottiana* Williams. + See next entry.

scottiana: listed for noted grower, M.R.Scott (+ belonging to) of Walthamstow, Eng. cf. *Angorchis scottiana* (Rchb.f.) Kuntze 1891. syn. *Angraecum scottianum*.

scottianum: as last entry. ex the Comoros Islands, cf. *Angraecum scottianum* Rchb.f.1878.

scottii: listed for phytologist and orig.coll., John Scott, Curator of the Calcutta Bot.Gardens. ex Rangoon, Burma (now: Yangon, Myanmar), cf. *Microstylis scottii* Hook.f.1890. syn. *Malaxis calophylla*.

scoulerae: listed for orig.coll., Mrs.Ethel Scouler. cf. *Thelymitra spiralis* var. *scoulerae* Nicholls 1949. syn. *T. spiralis*. Noted as endemic to West.Aust.

scripta: ref. *scriptus*: write. Ref. the veins and markings, spots and blotches alluded to resemble strange writing. cf. *Graphorchis scripta*. syn. *G. concolor* var.*alphabetica*.

scriptum: written (upon) + see *scripta*. cf. *Grammatophyllum scriptum*.
scriptus: as *scripta*. cf. *Leochilus scriptus*. syn. *Graphorkis concolor* var. *alphabetica*.
scrobicular: ref. *scrobiculus*: a small ditch; trench + suffix: of; like, etc. Very finely dotted and grooved (into lines).
scrobiculare: as *scrobicular*. cf. *Bulbophyllum scrobiculare*.
scrotifera: see *scrotiform* + bearing. cf. *Lepanthes scrotifera*.
scrotiform: ref. *scrotum*: small bag; pouch + shape; form. + Can be likened to a small bladder.
scrotiformis: as *scrotiform*. cf. *Erythrodes scrotiformis*.
sculpta: as *sculptum*. cf. *Callista sculpta*. syn. *Dendrobium sculptum*.
sculptilis: see *sculptum* + of; like; belonging to. Noted it's also the one word, simply defined as: carved. cf. *Pleurothallis sculptilis*.
sculptum: ref. *sculptus*: engraved; carved. Ref. the labellum basal groove. cf. *Bulbophyllum sculptum*. syn. *B. cylindrobulbum*.
scurra: a jester; joker; fool; dandy (almost overly pretty). cf. *Catasetum scurra*. syn. *Clowesia warczewiczii* (Lindley & Paxton) Dodson 1975. (NB., the specep. is **not** an error, see Warszewicz).
scurrilis: joking; jesting; jeering, etc. cf. *Maxillaria scurrilis* auct. (syn.).
scurrula: see *scurra* + dimin. cf. *Pleurothallis scurrula*.
scutella: descwd., lit.: a small tray; plate; platter. Can also ref. to horny plate, or hard scale.
scutella: as last entry. cf. *Epidendrum scutella*.
scutellata: as *scutella* + like; having. cf. *Orchis scutellata*. syn. *Platanthera flava*.
scutellifer: as *scutellifera*. cf. *Gastrosiphon scutellifer*. syn. *Corybas scutelliferus*.
scutellifera: see *scutella* + bearing. cf. *Disa scutellifera*.
scutelliferus: see *scutella* + bearing. cf. *Corybas scutelliferus*.
Scuticaria: Lindley 1843: ref. *scutica*: whip + relative to. Ref. the leaves. ex Guyana to Brazil, eg. *Scuticaria hadwenii* (Lindley) Planch. 1852.
scutifer: as *scutiferum*. cf. *Peltopus scutifer*. syn. *Bulbophyllum scutiferum*.
scutiferum: listed as ref. *scutum*: a shield (noted as, like those Roman soldiers used, large and oblong) + bearing. Alluding to the labellum. cf. *Bulbophyllum scutiferum*.
scutiform: see *scutiferum*. Likened to the shape of this shield; shield-shaped.
scutulum: descwd.: a small shield. Listed as the dimin. of *scutum* (see *scutiferum*).
scyllae: another fanciful specep. by Prof. Lindley. Ref. Gk. myth for the legend of Scylla and Charybdis. Originally, Scylla was a very beautiful maiden and was turned into a huge, hideous monster by the sorceress, Circe (see *circe*). Perhaps the flowers are for when she was beautiful and the plant is the monster (which works very well). ex Sri Lanka, cf. *Oberonia scyllae* Lindley 1859.
scypho-: used in combwds., ref. *skyphos*: a goblet. + *Skyphos*: in ancient Greece, was a footless, two handled goblet, decreasing in diameter towards the base. + Ref. *scyphus*: a wine cup, + can be as a normal cup (without a handle).
scyphochilus: see *scypho-* + lip. cf. *Bulbophyllum scyphochilus*.
Scyphochilus: see *scypho-* + lip. = *Bulbophyllum* section.

Scyphoglottis: Pritzel 1855: see *scypho*-+ tongue. syn. *Scaphyglottis*.

scyphoid: see *scypho*-+ like, etc. Mostly refs. to an organ, part, or group having the shape, or form of a cup, or goblet.

Scyphosepalum: see *scypho*-+ sepal(s?).= *Bulbophyllum* section.

scyto-. used in combwds., ref. *skytos*: skin; hide; leather. Mostly, alluding to a surface texture. Or, the organ, or part in discussion, is leathery; firm and tough.

scytocladium: see *scyto*-+ ref. *kladion*: small twig; shoot; branch, etc. cf. *Epidendrum scytocladium*.

scytophylla: see *scyto*-+ leaf. cf. *Oberonia scytophylla*.

Scytophyllum: see *scyto*-+ leaf.= *Oberonia* section.

Scytoxiphium: see *scyto*-+ sword + of. Noted, it's for two features: leathery + sword-like leaves.= *Oberonia* section.

x *Seahexa*: auct. On the syn. list, cf. *Hexadesmia* x *Hexisea*.

sebastiana: one major ref. suggests this is for Sebastian Vidal (+ belonging to, + see *vidalii*). ex sthn. India, cf. *Oberonia sebastiana* B.V.Shetty & Vivek.1978.

sebesiense: listed for place name: from Sebesi (village), sthn. Sumatra. cf. *Bulbophyllum perductum* var. *sebesiense* J.J.Sm.1922.

sec.: an abbreviation of *secundum*, the literary term. See later entry.

seccoi: listed for botanist and author, Ricardo de Secco. ex Maranhão, Brazil, cf. *Catasetum seccoi* M.F.F.Silva & A.T.Oliveira 1999.

sechellarum: belonging to the Seychelles, see *seychellarum*. cf. *Platylepis sechellarum* S.Moore1877.

secondary stem: where a plant has a stem, or stem-like rhizome and then has a lateral stem, usually terminal, without roots, but has leaves and flowers. + See *ramicaul*.

secretion: one form is often called nectar. Usually a colourless viscid substance emitted by a gland (+ see *secretory*) and often perfumed to attract an insect pollinator. + Can harden into a callus-like process (+ see *excrecences*) and sometimes, be coloured as a visual enticement, eg. see *pseudopollen*. + See *nectar*, *pheromones*, *sera*.

secretory: of secretion; secreting. Can also be a noun (not used very often): a secreting area, or gland.

sectile: divided as if cut, into small pieces.

section: a rank in the taxonomic (phytographic) hierarchy, subordinate to "genus".

Genera containing a large number of species are often divided into sections by indicating a feature peculiar to those classified as being in that section.

sectum: ref. *sectus*: divided; cut. cf. *Bulbophyllum sectum*.

secund: next; following; in succession; unilateral. Having other organs all arranged on one side only, as flowers on an axil. Can also be: having organs all turned, facing the one way, or in the same direction.

secunda: see *secund*. cf. *Disperis secunda*. syn. *D. circumflexa*.

Secundae: see *secund* (+ of).= *Eria* section.

secundiflora: see *secund* + flowers. cf. *Diuris secundiflora*. Endemic to NSW., Aust.

secundiflorum: see *secund* + flowers. cf. *Orchiodes secundiflorum*. syn. *Goodyera foliosa*.

secundiflorus: see secund + flowers. cf. *Peristylus secundiflorus*. syn. *Neottianthe secundiflora*.

secundum: see secund. cf. *Bulbophyllum secundum*.

secundum: a literary term seen in discussions and is mostly abbr. to: sec. Often seen when one author is referring to another's thoughts, ideas, opinions, or published matter. With the example it means: according to; in the opinion of; following, etc. eg. "L., sec.": "according to Linnaeus".

secundus: see secund. cf. *Sarcanthus secundus*. syn. *Cleisostoma subulatum*.

secutum: ref. *secutus*: followed. cf. *Prasophyllum secutum*. Noted as endemic to Tas., Aust.

sedenianus: belonging to Seden, see *sedenii*. cf. *Phaius x sedenianus* Rchb.f. Listed among the synonyms, without date, location, or "correct name".

sedenii: of Seden. Listed for John Seden (1840-1921), who specialised in hybridisation, creating new hybrids for his employer, Veitch & Sons (see *veitchii*). ex Trop. and sthn. Africa, cf. *Listrostachys sedenii* Rchb.f.1878. syn. *Cyrtorchis arcuata*.

sedifolium: *sedi-*, is ex *sedere*: to sit + leaf. cf. *Angraecum sedifolium*.

Sedirea: Garay & H.R.Sweet 1974. Noted as an anagram of *Aerides*, as they are closely related. Listed as ex Korea and sthn. Japan, eg. *Sedirea japonica*.

seed: a very involved subject and well documented by many eminent authors. Suffice to say: an ovule after it's been fertilized. Individual seeds are extremely minute and have been likened to the size of a fine grain of talcum powder and of different shapes, which can be important in phytology. Some trivia, perhaps of interest: a capsule can usually contain approx. 5,000-20,000 seeds. A couple of notable exceptions are a *Cymbidium* from Myanmar with c1.5 to 1.75 million. + A recorded maximum is *Cynoches ventricosum* var. *warscewiczii*, of the central Americas. The seeds were professionally and scientifically counted, from a capsule of c15 x 5cms.(6" x 2") and contained the incredible total of over three million.

seemannii: of Seemann. For orig.coll., botanist and author Berthold Carl Seemann (1825-1871). ex Mexico, cf. *Trigonidium seemannii* Rchb.f.1854. syn. *T. egertonianum*.

segaarensis: for place name (+ from), only listed as ex New Guinea. cf. *Malaxis segaarensis* (Kraenzl.) Kuntze 1891.

segoviense: as *segoviensis*. cf. *Epidendrum segoviense* A.H.Heller 1968. syn. *Epidendrum cardiochilum*.

segoviensis: from Segovia, only listed as ex Colombia. Noted a minor city of Antioquia and two villages, one of Sucre, the other of the Bogotá Distrito Capital (Departments). cf. *Pleurothallis segoviensis* Rchb.f.1855.

segregate: ref. *segregatus*: separate; set apart; being separate, eg. "segregate genus": totally separate to others.

segregatifolia: set apart + leaf. cf. *Pleurothallis segregatifolia*.

segrex: separate; apart. cf. *Masdevallia segrex*.

segurae: listed for phytologist, Antonio Segura Zubizarreta. Descs. accr. to him are abbr. to: **Segura** Zubiz. ex Colombia, cf. *Masdevallia segurae* Luer & Escobar 1978.

seibertii: for phytologist and author, Russell Jacob Seibert (b1914). Descs. accr. to him are abbr. to: Seib. ex Panama, cf. *Telipogon seibertii* Dodson & R.Escobar 1993.

seideliana: belonging to Seidel. Listed for botanist, naturalist and author, Johann Heinrich Seidel (fl.1779). Noted as ex Chiapas, Mexico, cf *Gongora seideliana* Rchb.f.1852.

seidelianum: see *seideliana*. ex China to Indo-China, cf. *Dendrobium seidelianum*. syn. *D. loddigesii* Rolfe 1887.

seidelii: listed for Alvin Seidel (+ of), nurseryman and authoritative collector of Rio de Janeiro. cf. *Maxillaria seidelii* Pabst 1960. Noted as endemic to Brazil.

Seidenfadenia: Garay 1972. Listed for Danish born phytologist, collector and authority, esp. on orchids of Thai. and SE.Asia, Gunnar Seidenfaden (b1908). Prolific author of many works, inc. "Orchid Genera of Thailand". Descs. accr. to him are abbr. to: Seidenf. Listed as monotypic and endemic to Myanmar, cf. *Seidenfadenia mitrata*.

seidenfadeniana: belonging to Seidenfaden, see *Seidenfadenia*. ex sthn. India, cf. *Oberonia seidenfadeniana* J.Joseph & Vajr.1974.

seidenfadenianum: as *seidenfadeniana*. ex India, cf. *Xenikophyton seidenfadenianum* M.Kumar, Sequiera & J.J.Wood 2002.

Seidenfadeniella: C.S.Kumar 1994: for Dr.Seidenfaden (info., see *Seidenfadenia*) + respectful suffix, or was likened to a small *Seidenfadenia* (?). ex India, eg. *Seidenfadeniella chrysantha*.

seidenfadenii: see *Seidenfadenia*. ex Laos, cf. *Bulbophyllum seidenfadenii* A.D.Kerr 1973.

seidenfadii: a misunderstanding, or spelling error (?). See *Seidenfadenia*. ex sthn. Taiwan, cf. *Hippeophyllum seidenfadii* H.S.Suu 1999.

Seidenfia: Szlach.1995: obviously, Dr.Szlachetko used the abbreviation for Dr.Seidenfaden's name: Seidenf. + of. Info. see *Seidenfadenia*. cf. *Seidenfia stocksii* (Hook.f.) Szlach.1995. syn. *Malaxis intermedia*.

seikomontana: *seiko* (?) + mountain (+ belonging to). For place name, only listed as ex sthn. Taiwan. cf. *Goodyera seikomontana* Yamam.1932.

selaginella: orig. ref. *selago*: a kind of plant +-in(a)-: like +-ella: dimin. Also listed as a trop. genus (*Selaginella*) of club-moss, which is not a true moss and is a close relative of ferns. It belongs to the family, *Lycopodiaceae*. Also commonly called "ground pine" and the author may have seen some superficial likeness. cf. *Dichaea selaginella*.

selaginelloides: as *selaginella* + resembling. cf. *Ischnocentrum selaginelloides*.

selangorens: for place name: from Selangor state, or may be for the s.west coastal town of Kuala Selangor, West Malaysia. cf. *Bulbophyllum selangorens* Ridl.1914. syn. *Bulbophyllum gibbosum*.

selangorensis: as *selangorens*. cf. *Corybas selangorensis* J.Dransf.& G.Sm.1986.

selebensis: listed for place name: from the Celebes (Sulawesi Islands), Indon. cf. *Ceratostylis selebensis* J.J.Sm.1933.

selebica: belonging to the Celebes (Sulawesi), Indon. cf. *Apostasia selebica* J.J.Sm.1933. syn. *A. odorata*.

selebicum as *selebica*. cf. *Poaephyllum selebicum* J.J.Sm.1933.

seleensis: for place name (+ from). Possibly, ref. Sele (village) on the westn. shore of Lake Tanganyika, Sud-Kivu, Congo (DRC.), Africa. cf. *Eulophia seleensis* (De Wild.) Butzin 1975.

seleniglossa: ref. *selene*: the moon (+ as crescentic?) + tongue. cf. *Phreatia seleniglossa*.

seleniglossum: as *seleniglossa*. cf. *Crepidium seleniglossum*. syn. *Malaxis seleniglossa*.

Selenipedilum: Pfitzer 1888, see *Selenipedium*. syn. *Selenipedium* Rchb.f.

Selenipedium: Rchb.f.1854. I treat this in the same fashion as *Cypripedium* and *Paphiopedilum*. ex Gk.myth., ref. Selene: the very beautiful goddess of the moon and sister of Helios: the sun + *pedium*: a contraction of *pedilon*: a foot covering; soft shoe; sock; slipper, so can be taken as a “beautiful slipper”, or “Selene’s slipper”. Ref. the calceolate labellum. ex Panama to Peru, eg. *Selenipedium chica* Rchb.f.

selenitepala: moon (as, crescentic?) + tepals. cf. *Lepanthes selenitepala*.

selenites: lit., ref. *selenites*: (moonstone) gypsum. For the colour, cf. *Masdevallia selenites*.

selfing: common term for the act of self pollination. + See apomixis, cleistogamy, homogamy.

sella: descwd.; a seat; chair; saddle. Often used in allusion to an organ, or part, likened (esp.) to a saddle (for a horse).

sellaginella: see *sella* + like + small. cf. *Epidendrum sellaginella*.

sella-turcica: see *sella* + belonging to Turkey: a Turkish sedan-chair, or saddle chair. ex the central Americas, cf. *Acineta sella-turcica* Rchb.f.. Trivium: ref. the human body, the pituitary: an organ located in the **sella turcica** depression of the sphenoid bone, in the skull. I am constantly amazed with what becomes clear, with just a little knowledge of this wonderful language.

selliana: listed for phytologist and author, Peter Derek Sell [+ belonging to] (b1929). ex Costa Rica, cf. *Lepanthes selliana* Endres ex Luer 1995.

selligera: see *sella* + bearing. Ref. disc of labellum. cf. *Encyclia selligera*.

selligerum: as *selligera*. cf. *Epidendrum selligerum*. syn. *Encyclia selligera*.

sellilabre: see *sella* + lip. cf. *Sauroglossum sellilabre*.

sellilabris: see *sella* + lip. cf. *Spiranthes sellilabris*. syn. *Sauroglossum sellilabre*.

sellowi: listed for botanist and author, Friedrich Sellow [+ of] (1789-1831). ex Brazil, cf. *Campylocentrum sellowi* (Rchb.f.) Rolfe 1903.

sema: used in combwds.: sign; mark (as, spot; blotch, etc.). + See *semato*-.

semato-: used in combwds., ref. *semation*: small sign; mark (as, spot; blotch, etc.); signal. + Can be: small flag; banner.

sematoglossa: see *semato*-+ tongue. cf. *Flickingeria sematoglossa*.

sematoglossum: as *sematoglossa*. cf. *Dendrobium sematoglossum*. syn. *Flickingeria sematoglossa*.

semeion: sign; flag; mark. One ref. listed it as an allusion to the erect flowering raceme, likened to a banner (or, flag on a pole). cf. *Dendrobium semeion*. syn. *D. vexillarius*.

semele: may be ref. *semel*: once (?). cf. *Oncidium semele*.

semi-: used in compwds.: a half. + Can be: partly; imperfectly, etc.

semi-alba: semi-+ white. cf. *Laelia perrinii* var. *semi-alba*.
semiaperta: see semi-+ open. cf. *Prosthechea semiaperta*.
semiapertum: as *semiaperta*. cf. *Catasetum semiapertum*. syn. *C. purum*.
semiapterum: semi-+ without + wing(s). cf. *Prosthechea semiaptera*.
semiasperum: semi-+ see asper: rough, etc. cf. *Bulbophyllum semiasperum*.
semibarbata: half, or partly + bearded. cf. *Asarca semibarbata*. syn. *Chloraea lamellata*.
semibifidum: see semi-+ bifid: two cleft. cf. *Bulbophyllum semibifidum*. syn. *B. acuminatum*.
semibombyliflora: semi-+ see bombyli-+ flower. cf. *Ophrys* x *semibombyliflora* Bergon & E.G.Camus 1908.
semicephalum: semi-+ head. cf. *Oncidium semicephalum*.
semichampagneuxii: semi-+ *champagneuxii*. Listed as a cross and is more or less, like *Orchis champagneuxii*. cf. *Orchis* x *semichampagneuxii* E.G.Camus. syn. *O. x semisaccata*.
semicirculatum: semi-circular. Ref. shape of labellum keels. cf. *Catasetum semicirculatum*.
semiclausum: semi-+ shut; closed. cf. *Saccolabium semiclausum*.
semicolumnae: see semi-+ see column + of. cf. *Serapias* x *semicolumnae* E.G.& A.Camus 1927. syn. *S. x intermedia*.
semiconnata: semi-+ see connate: joined. cf. *Porpax semiconnata*. syn. *P. elwesii*.
semicordata: ref. *semicordatus*, defined as: with one lobe cordate (heart-shaped). cf. *Vrydagzynea semicordata*.
semicristatum: semi-+ see cristate: crested. cf. *Geodorum semicristatum*. syn. *G. densiflorum*.
semifimbriata: semi-+ fimbriate: fringed, etc. cf. *Oberonia semifimbriata*.
semifuscum: see semi-+ fuscus: dark brown. cf. *Dendrobium semifuscum*. syn. *D. trilamellatum*.
semilaminata: semi-+ see laminate. cf. *Lepanthes semilaminata*.
semilibera: semi-+ ref. *liber*: free. cf. *Cleisostoma semilibera*.
semilingua: a translation doesn't apply as the specep. implies: half, or partly (like) *Serapias lingua*. Listed as a cross of *Serapias lingua* x *S. parviflora*. cf. *S. x semilingua*.
semilunar: like a half-moon. + Can be: crescentic (or half crescentic, although this would more likely be described as: falcate).
semilunaris: see semilunar. cf. *Ophrys aranifera* forma *semilunaris*. syn. *O. sphegodes*.
semilunata: crescentic, as semilunar. cf. *Trichosalpinx semilunata*.
semilunulata: half + moon + dimin. + having; like: like a small half moon (shape). Ref. the median sepal. cf. *Diuris semilunulata*. Noted as endemic to NSW., Aust.
semimaculata: see semi-+ spotted. cf. *Dactylorhiza majalis* var. *semimaculata*. syn. *D. majalis*.
seminal: ref. *semen* + English suffix: of, like, or relative to seed. A general word, used with both flora, and fauna.
seminuda: semi-+ see nudi-: naked; bare, etc. cf. *Kionophyton seminuda*.
seminudum: as *seminuda*. cf. *Stenorrhynchos seminudum*. syn. *Kionophyton seminuda*.
semiorbicularis: half + spherical. cf. *Phreatia semiorbicularis*.
semipedale: half + foot + of. Maybe for a measurement: half a foot: 6" (15cms.), ref. to the long spur (?). cf. *Angraecum semipedale*. syn. *Angraecum kotschyana*.
semipellucida: see semi-+ very clear. cf. *Pleurothallis semipellucida*. syn. *P. revoluta*.
semipellucidum: as *semipellucida*. cf. *Bulbophyllum semipellucidum*. syn. *B. mutabile*.

semipelorica: half, or partly + of a monster, see pelorial. cf. *Thelasis carinata* forma *semipelorica*. syn. *Thelasis carinata*.

Semiphajus: Gagnep.1932: half + see *Phaius*. I said it's half, or partly dusky-grey. Not so, it's reported to resemble a *Phaius*, but the *semi*- refs. to the pollinia: has only half that of a *Phaius* (+ see *Phajus*). syn. *Eulophia* R.Br.ex Lindl.

semipictus: see *semi*-+ painted. cf. *Telipogon semipictus*.

semipunctatus: descwd.: half, or partly dotted.

semiroseum: see *semi*-+ rosy (-pink). cf. *Catasetum semiroseum*. syn. *C. splendens*.

semirubra: see *semi*-+ red. cf. *Pterostylis semirubra*. syn. *P. pedunculata*.

semisaccata: half, or partly saccate. cf. *Orchis* x *semisaccata* E.G.Camus.

semiscabra: *semi*-+ see scabrous. cf. *Maxillaria semiscabra*.

semiscabrum: *semi*-+ scabrous. cf. *Ornithidium semiscabrum*. syn. *Maxillaria semiscabra*.

semiseptatus: see *semi*-+ septate. cf. *Sarcanthus semiseptatus*. syn. *Cleisostoma arietinum* (?). Took this from a book, but *semiseptatus* is not listed as a specep., for any species.

semiteres: see *semi*-terete. Ref. the leaf. cf. *Bulbophyllum semiteres*.

semi-terete: see *semi*-+ see terete: semi-cylindrical, smooth and tapering. Usually describes an organ, esp. a leaf, in section: semi-circular.

semiteretifolium: *semi*-terete + leaf. cf. *Bulbophyllum semiteretifolium*.

semperflorens: *semper*: always + blooming; flowering. cf. *Bulbophyllum semperflorens*.

sempergemmata: always + see gemmate: having buds. cf. *Pleurothallis sempergemmata*.

sempergemmatus: as *sempergemmata*. cf. *Myoxanthus sempergemmatus*. syn. *Pleurothallis sempergemmata*.

sempiternum: always + with three (or, a group of three?). cf. *Bulbophyllum sempiternum*.

senescence: at the peak of maturity. Ref. *senescere*: to grow old, + ref. *senescent*: ageing; showing signs of the onset of old age.

x *Senghasara*: auct.: of Senghas, see next entry. On the syn. list, the result of *Ada* x *Gomesa* x *Odontoglossum*.

senghasiana: belonging to Senghas. Listed for phytologist and author, Karlheinz Senghas (b1928). ex Loreto, Peru, cf. *Coryanthes senghasiana* G.Gerlach 1988.

Senghasiella: Szlach.2001: of Senghas + respectful suffix, see *senghasiana*. Noted as monotypic, ex Tibet to central China. cf. *Senghasiella glaucifolia*.

senile: ref. *senilis*: of old age. Because the plant and leaves have an indumentum (: covering) of relatively long, soft, white hair, likened to that of an old man. cf. *Dendrobium senile*.

senilis: of old age; showing some signs of old age. cf. *Apaturia senilis*. syn. *Pachystoma pubescens*.

sensile: very sensitive (+ as motile). cf. *Bulbophyllum sensile*.

sensu: literary term (often used, but never explained!): "in the sense of".

sensu lato: literary phrase: "in a (or, the) broad sense". Sometimes abbr. to: s.l.

sensu stricto: literary phrase, sometimes abbr. to: sens.str., or: s.st.: "in a narrow sense", ie. exclusively, or only relative to that which is being discussed.

sepal: reported as borrowed from Gk. *skepe*: a covering. Orchids have three sepals (: the outer floral segments, collectively known as the calyx), two lateral (: side) sepals

and a median (: middle) sepal, sometimes called the dorsal, middle, or odd sepal. Sometimes two, or all can be fused (see connate), or adjoined to look like one. Also, quite often the median sepal can be very different to the laterals and is most often discussed separately.

-sepala, sepalo-, -sepalum, -sepalus: used in combwds. Of, or relative to a sepal, or the sepals. Can be confusing, as often I'm not certain whether the author is ref. to the lateral sepals, or the medium sepal, or the three of them, collectively.

sepalina: see sepal + *-ina*: like, etc. cf. *Corysanthes sepalina*.

sepaline: of, like, or relative to a sepal, or sepals. + See next entry.

sepaline tube: a cylindrical tube-like structure formed by the sepals, above the ovary, with the petals and labellum concealed within until the sepals begin to expand. Thus: a bell-like, bell-shaped flower.

sepalinus: see sepaline, sepaline tube. cf. *Corybas calophyllus* var. *sepalinus*.

Sepalocodon: see sepal, sepaline tube + see *codon*: bell.= *Taeniophyllum* section.

Sepalosaccus: Schltr.1923: see sepal + *-saccus*: bag; pouch. Ref. the lateral sepals. ex Costa Rica to Guatemala, eg. *Sepalosaccus strumatus*.

Sepalosiphon: Schltr.1912: sepals + pipe; tube. See sepaline tube. Noted as monotypic and endemic to New Guinea. cf. *Sepalosiphon papuanum*. + See *Papuaea*.

sepalosiphon: as *Sepalosiphon*. ex New Guinea, cf. *Glomera sepalosiphon*.

separatum: ref. *separatus*: sever; separate; part. cf. *Dendrobium separatum*. syn.= *Dendrobium calcaratum*.

sepikana: belonging to the Sepik River, second largest river in PNG. cf. *Erythroides sepikana* Schltr.1922.

sepikanum: as *sepikana*. cf. *Diplocaulobium sepikanum* (Schltr.) P.F.Hunt 1971.

sepikense: as *sepikana* (with different suffix: from). cf. *Bulbophyllum sepikense* W.Kitt.1985.

sepikiana: see *sepikana*. cf. *Appendicula sepikiana* Schltr.1922.

seposita: ref. *sepositus*: special; distinct; remote; apart. cf. *Nervilia adolphi* var. *seposita*.

septate: see septum: a partition + like; having. Divided into compartments (see locule), usually by a small piece of tissue, or a small part and likened to a dividing wall.

septatum: as septate. cf. *Bulbophyllum septatum*.

septemcostata: *septem*: seven + see *costate*: ribbed. cf. *Coelogyne septemcostata*.

septemcostulatum: seven + rib + small + like; having. cf. *Dendrobium septemcostulatum*.

septemcostulatus: as last entry. cf. *Eurycaulis septemcostulatus*. syn. *Dendrobium septemcostulatum*.

septemlamella seven + see *lamella*. cf. *Eria septemlamella*. syn. *E. corneri*.

septemnervis: seven + nerves(veins). cf. *Tropidia septemnervis*.

septentrionale: as *septentrionalis*. cf. *Bulbophyllum septentrionale*.

septentrionalis: listed as the one word, it has a complicated explanation concerning stars of the "Great Bear" (Ursa Major) constellation. Also, simply means: of the north, northern. cf. *Gastrodia septentrionalis*.

septum: lit., a partition; hedge; fence (+ see septate). Mostly is for a minute strip of sterile tissue forming a barrier, likened to a dividing wall. Esp. relative to an ovary being divided by a septum, thus having two loculi (see locule). Is also

correctly termed: a dissepiment (seldom used with orchids). Can also be used for any other small dividing part.

septumspinae: a partition; hedge; fence + of spines (small spiky projections; bristles, etc.). cf. *Epidendrum septumspinae*.

septuosa: ref. *septuosus*: indistinct; obscure; dim, etc. cf. *Caladenia septuosa*. Noted as endemic to Sth.Aust.

septuosum: as *septuosa*. cf. *Calonema septuosa*. syn. *Caladenia septuosa*.

sepula: could be a contraction of *septum* + dimin.: a small fence; partition. But, is probably an error for *cepula*, as all refs. are the same. cf. *Oncidium sepula*. syn. *Trichocentrum cebolleta*.

sepulchralis: ref. *sepulcrum*: tomb; grave + suffix: of a graveyard; cemetery, + can be: funereal. cf. *Orchis sepulchralis*. syn. *Orchis punctulata*.

sera: plural of *serum*, ref. *serum*: whey; any watery-like fluid. The word was in a discussion, ref. to glandular secretions, of flowers (often perfumed), emitted as an enticement for an insect pollinator. + See secretion.

seramica: see *seranicum*. cf. *Appendicula latilabium* var. *seramica* J.J.Sm.1928.

seramicus: see *seranicum*. cf. *Phaius montanus* var. *seramicus* J.J.Sm.1928. syn. *Phaius montanus*.

seranica: as *seranicum*. cf. *Appendicula seranica* J.J.Sm.1928.

seranicum: belonging to Ceram (aka., **Seram, Seran**) Island, Molucca Islands group (Maluku) Indon. cf. *Dendrobium seranicum* J.J.Sm.1928.

seranicus: as *seranicum*. cf. *Epiblastus seranicus* J.J.Sm.1928. syn. *E. buruensis* J.J.Sm.

serrana: belonging to Serra, listed as ex São Paulo state, Brazil. Noted three villages, of this name. cf. *Octomeria serrana* Hoehne 1928.

Seraphyta: Fisch.& C.A.Mey.1840: reported as ref. *siera*: rope. But, could be ex *seirus*: late; *serum*: late hour (at night), + see *sera* (?) + ref. *phyton*: plant. eg. *Seraphyta diffusa*. syn. *Epidendrum diffusum*.

Serapiadeae: *Serapias* + suffix denotes it's a tribe.

Serapiadinae: *Serapias* + suffix denotes it's a subtribe.

Serapias: L.1753. Have two possibilities for this. (1) Ref. *serapias*: an ancient name for the product derived from an orchid of the Mediterranean region, supposed to have aphrodisiac qualities (reported to be from *Orchis morio* + see *salep*). (2) Ref. *Serapis*: an Egyptian god of healing and the protector of sailors, supported by both Egyptian and Greek sects. So both are relative to the belief of the plant having some medicinal properties. ex the Mediterranean region, eg. *Serapias lingua*.

Serapiastrum: A.A.Eaton 1898: *Serapias* + suffix: a smaller, or lesser kind. syn. *Serapias*.

x *Serapicamptis*: Godfery 1921. The specep. is taken from the parents, as it's a cross of *Anacamptis* x *Serapias*. Noted as monotypic, ex Italy, cf. x *Serapicamptis forbesii*.

x *Serapirhiza*: Potucek 1966. The genus name was taken from the parents, as it's a cross of *Dactylorhiza* x *Serapias*. Noted as monotypic, ex France, cf. x *Serapirhiza sambucinolingua* (also taken from the parents, see the entry).

seraweiensis: for place name: from Nangaserawai (aka. Nangah **Serawai**) a town of Daerah Tingkat I, Kalimantan Barat, west Borneo. cf. *Apostasia wallichii* var.*seraweiensis* J.J.Sm.1927. syn. *Apostasia wallichii*.

serbica: for place name: belonging to Serbia (a much disputed part of Yugoslavia). cf. *Dactylorhiza x serbica* (Fleischm.) Soó 1962.

serendipita: refs to serendipity: the chance discovery of good and useful things; the ability to have “good luck”; making wonderful discoveries (mostly) by stumbling upon them. The etym. of the word is reported to be from the Persian fanciful folk-lore story, “The Three Princes of Serendip”, who always had amazing “good luck”. Also noted, Serendip was a name given by Arab traders for an island, (now) Sri Lanka. ex Bolivia, cf. *Masdevallia serendipita* Luer & Teague 1993.

sereti: listed for orig.coll., botanist M.Seret (+ of). ex Central Africa, cf. *Bulbophyllum sereti* De Wild.1916. syn. *Bulbophyllum falcatum* var. *bufo*.

seretii: as *sereti*. ex westn. central trop. Africa, cf. *Vanilla seretii* De Wild.1916.

serialina: see *serialis* + like. cf. *Lepanthes serialina*.

serialis: ref. *series* + *-alis*: of. A descwd.: in succession; in rows; of, or in series; seriate.

seriata: see seriate. cf. *Pleurothallis seriata*.

seriate: ref. *seriatus*: in rows; in succession; like, or having a series.

seriatum: see seriate. cf. *Epidendrum seriatum*. syn. *Encyclia luteorosea*.

sericea: see *sericeus*. Ref. the leaves. cf. *Cyanicula sericea*. Noted as endemic to West.Aust.

sericeus: descwd.: silken; silky. Having very fine, soft glossy hair, like silk to the touch.

sericinitens: see *sericeus*: silky + *nitens*: shining; or: shining like silk (?). cf. *Lepanthes sericinitens*.

series: row; (in a) train; (in) succession. cf. *Lepanthes series*.

series: in rows; in succession, etc., + see seriate. Also, is a rank in the bot. taxonomic hierarchy: series, subordinate to section. Used in the ranking of other flora, not orchids.

sernae: of Serna (?). Listed for place name ex Putumayo Prov., Ecuador. cf. *Masdevallia sernae* Luer & R.Escobar 1979.

serolina: late + suffix: quality of. cf. *Maxillaria serolina*. syn. *Maxillaria consanguinea*.

serotina: ref. *serotinus*: occurring late; late-coming. cf. *Caladenia serotina*. Noted as endemic to West.Aust.

serotinus: as *serotina*. cf. *Orchis serotinus*. syn. *Dactylorhiza incarnata* ssp.*pulchella* (?).

serpens: lit.: snake. Can be: creeping; sinuous. cf. *Bulbophyllum serpens*.

serpenticaulis: snake + stem; stalk. cf. *Oberonia serpenticaulis*.

Serpenticaulis: M.A.Clem.& D.L.Jones 2002: snake + stem; stalk. cf. *Serpenticaulis bowkettiae*. syn. *Bulbophyllum bowkettiae* F.M.Bailey.

serpentilingua: ref. *serpentis*: snake + tongue. cf. *Paraphalaenopsis serpentilingua*.

serpentina: ref. *serpentinus*: snake-like; sinuous, etc. cf. *Malleola serpentina*.

serpentine soil: not being conversant with pedology (: study of soils), I had no idea. Was in a discussion of habitat.: A type of soil containing a relatively large proportion of serpentine: a source of magnesium.

serpentinum: see *serpentina*. cf. *Saccolabium serpentinum*. syn. *Malleola serpentina*.
serpentinus: snake-like. Alluding to the hooded flower (as a snake's head?), and/or see serpentine soil (for a habitat?), most likely the former. cf. *Corybas serpentinus*.
serpentula: snake + dimin.: a small snake, or slightly sinuous? cf. *Pleurothallis serpentula*.
serpyllifolia: ref. *serpyllum*: wild thyme (a herb, reported as *Thymus vulgaris*, of the mint family: *Lamiaceae*) + leaf. cf. *Cryptoglottis serpyllifolia*. syn. *Podochilus serpyllifolium*.
serpyllifolium: as *serpyllifolia*. cf. *Podochilus serpyllifolium*.
serra: a saw. The raceme is alluded to resemble a double-sided saw. cf. *Bulbophyllum serra*.
serraeformis: saw + form; shape. Ref. the raceme. cf. *Thrixspermum serraeformis* syn. *Thrixspermum complanatum*.
serrana: serra (: a mtn. range) + belonging to. Only listed as ex São Paulo state, Brazil, could ref. to the Serra do Mar (?). cf. *Octomeria serrana* Hoehne 1928.
Serrastylis: Rolfe 1894: saw + see style: column. eg. *Serrastylis modesta*. syn. *Macradenia brassavolae*.
serrata: see serrate. cf. *Caladenia serrata*. syn. *Lyperanthus serratus*.
serrate: ref. *serra*: a saw + suffix: saw-like; saw-shaped. With toothed margins like a saw, the teeth usually directed toward the apex.
serratifolia: serrate + leaf. cf. *Octomeria serratifolia*. syn. *Dilomilis montana*.
serratilabium: serrate + lip. cf. *Dendrobium serratilabium*.
serratipetalum: serrate + petals. cf. *Dendrobium serratipetalum*.
serratotruncatum: see serrate + see truncate: cut off. Has small wings at apex of column and they appear as if cut off, jaggedly (or, sawn off). cf. *Bulbophyllum serratotruncatum*.
serratum: see serrate. Ref. the leaves. cf. *Cymbidium serratum*. syn. *C. goeringii* var. *gracillimum*.
serratus: see serrate. cf. *Lyperanthus serratus*. Noted as endemic to West.Aust.
serreana: belonging to Serres (: Sérrai) city, of Central Macedonia, Greece. cf. *Dactylorhiza x serreana* H.Baumann 1983.
serricardia: as *serricardium*. cf. *Pleurothallis serricardia*.
serricardium: saw, see serrate + heart. cf. *Epidendrum serricardium*.
serrifera: saw + bearing. cf. *Pleurothallis serrifera*. syn. *P. lanceana*.
serriform: saw + shape; form, another word for serrate.
serriforme: saw + shape. cf. *Thrixspermum serriforme*. syn. *T. complanatum*.
serriformis: saw + shape. cf. *Pristiglottis serriformis* (note, *Pristiglottis*: saw + tongue).
serrilabia: saw + lip. cf. *Restrepia serrilabia*. syn. *R. trichoglossa*.
serrilabius: saw + lip. cf. *Scelochilus serrilabius*.
serriola: saw + dimin. (another spelling for *serrula*?): a small saw. cf. *Lepanthes serriola*.
serripetala: saw, as serrate + petals. cf. *Erythroides serripetala*.
serripetalum: as *serripetala*. cf. *Bulbophyllum serripetalum*.
serripetalus: see *serripetala*. cf. *Myoxanthus serripetalus*.
serrisepala: saw, as serrate + sepal. cf. *Pleurothallis serrisepala*.

serrula: saw + dimin.: small saw. cf. *Taeniophyllum serrula*. syn. *T. obtusum*.
serrulata: see serrulate. Has minute serrulations to the petals. cf. *Oberonia serrulata*.
serrulate: see serrate with an added dimin. + Ref. serrulations: margins of organs, or parts being finely or minutely serrate.
serrulatifolium: serrulate + leaf. cf. *Bulbophyllum serrulatifolium*.
serrulatipetala: serrulate + petals. cf. *Pleurothallis serrulatipetala*.
serrulatum: serrulate. cf. *Bulbophyllum serrulatum*.
serrulatus: serrulate. Ref. serrulations to leaf margins. cf. *Sarcochilus serrulatus*. Noted as endemic to nth. Qld., Aust.
serrulifera: small saw + bearing. cf. *Stelis serrulifera*.
serruliferum: small saw + bearing. cf. *Epidendrum serruliferum*. syn. *Nanodes congesta*.
sertatum: ref. *sertum*: wreath; garland; crown + like; having. cf. *Dendrobium sertatum*. syn. *Dendrobium catillare*.
Sertifera: Lindley ex Rchb.f.1877: ref. *sertum*: wreath; garland; crown + bearing. ex Colombia, eg. *Sertifera colombiana*.
sertorum: ref. *sertum*: wreath; garland; crown + of, relative to. cf. *Epidendrum sertorum*.
sertula: wreath; garland; crown + dimin. cf. *Masdevallia sertula*.
sertularioides: ref. *sertula*: small wreath; garland (all entwined) + resembling, cf. *Pleurothallis sertularioides*.
sertulifera: ref. *sertula*: small wreath; crown + bearing. cf. *Microstylis sertulifera*. syn. *Malaxis excavata*.
sertuliferus: as *sertulifera*. cf. *Cheiropterocephalus sertuliferus*. syn. *Malaxis excavata*.
sesamoides: ref. sesame + resembling. Sesame: a herbaceous plant of the genus *Sesamum*, family: *Pedaliaceae* (not orchids). cf. *Gastrodia sesamoides* R.Br.1810. One ref. says it was somehow imported into Sth.Africa from Aust.c1944. Being a holosaprophyte, I wonder how?
sesqui-: used in combwds., ref. *sesqui*: one half more; half as much again.
sesquipedale: see *sesqui-*: one half more + ref. *pedale*: a foot, as 12" (30cms.): 1ft.+ a half: 18" (c45cms.). At first I was led to believe that this was for a type of hawk-moth, with a very long proboscis (as the pollinator). But, with subsequent reading: it's a slight exaggeration of the length, of the flower, from the tip of the median sepal to the tip of the spur. In reality this is closer to 14" (35cms.). cf. *Angraecum sesquipedale*.
sesquipedalis: see *sesqui-*+ see *pedalis*: of a foot. The flowering stem (: the foot) is noted as longer than normal. cf. *Dactylorhiza elata* ssp.*sesquipedalis*.
sesquisectangulum: see *sesqui-*+ ref. *sectus*: divided; cut + *angulus*: angle; corner. cf. *Angraecum sesquirectangulum*.
sesquitorta: see *sesqui-*+*-torta*: twist(s). cf. *Pholidota sesquitorta* Kraenzl. syn. *Pholidota ventricosa*.
sessanum: belonging to Sessa (village), Serra do Congo, Angola, Africa. cf. *Epipogium sessanum* S.N.Hegde & A.N.Rao 1982. syn. *E. roseum*.
sessei: listed for botanist, naturalist and author, Martin de Sessé y Lacasta (1751-1808). cf. *Epidendrum sessei* Hoehne. syn. *Ionopsis utricularioides*.

sessile: noted as adapted from *sessilis*: seated; sitting. Stalkless, ie. appears to be attached without sensible or logical support. Mostly used for flowers without a visible, or obvious pedicel, or peduncle. Sometimes can ref. to complete plants and can mean: dwarf; almost without a stem; stemless.

sessile: see *sessile*. cf. *Bulbophyllum sessile*. syn. *B. clandestinum*. Pers.coll., quite common ex PM.PNG.

Sessilibulbum: Brieger 1976: *sessile* + *bulb*. Ref the pseudobulbs. syn. *Scaphyglottis*.

sessilifolia: *sessile* + *leaf*. cf. *Epipactis sessilifolia*. syn. *E. viridiflora*.

sessiliflora: *sessile* + *flower*. cf. *Prosthechea sessiliflora*.

sessiliflorum: *sessile* + *flower*. cf. *Bulbophyllum sessiliflorum*.

Sessililabia: *sessile* + *lip*. = *Brassavola* section.

sessilis: see *sessile*. cf. *Maxillaria sessilis*. syn. *M. crassifolia*.

sesto-: used in combwds., ex *sestron*: sieve; *sethein*: to shake; sift. Infers the action of shaking.

Sestochilos: Breda 1827, see *Sestochilus*. syn. *Bulbophyllum* Thouars.

Sestochilus: Breda 1827: see *sesto-* + *lip*. Has a mobile lip, quivers with the slightest movement. eg. *Sestochilus uniflorus*. syn. *Bulbophyllum uniflorum*.

Sestochilus: as last entry. = *Bulbophyllum* section.

seta (sing.), *setae* (pl.): ref. *seta*: bristle. The plural, *setae*: bristles; a group, or tuft of bristles. In combwds., can sometimes infer: fine; slender; thin (like a bristle).

setacea: bristle + see *-acea*: like, etc. Alluding to the leaves, the description notes them as filiform. + See *setaceous*. cf. *Diuris setacea*. Noted as endemic to West.Aust.

setaceous: bristly; having bristles; bristle-like; bristle-shaped. Not necessarily hard and stiff, can be soft and short, and/or relatively long. + Can infer: fine; slender, etc.

setaceopictus: bristle + like + (of) paint. Implies, there is some organ(s), or part(s) likened to a paint-brush (?). cf. *Anoectochilus setaceopictus*.

setaceum: see *setaceous*. cf. *Centrogenium setaceum*.

setaceus: see *setaceous*. cf. *Anoectochilus setaceus*.

setchellii: listed for botanist and author, William Albert Setchell (1864-1943). ex the Solomon Islands, etc., cf. *Eria setchellii* Schltr.1926. syn. *E. rostriflora*.

setchuanica: phonetic and Lat'd. spelling for place name: belonging to Szechwan Prov.(Sichuan), China. cf. *Platanthera setchuanica* Kraenzl. syn. *P. japonica*.

setchuenica: listed as a phonetic attempt at spelling Sichuan (+ belonging to), a province of China. cf. *Platanthera setchuenica* Kraenzl.1900.

setchuenicum: as *setchuenica*. cf. *Satyrium setchuenicum* Kraenzl.1900. syn. *S. nepalense* var.*ciliatum*.

seticauda: bristle + tail. cf. *Habenaria seticauda*.

seticaulis: bristle + stem; stalk (a bristly stem, or it's very thin?). cf. *Polystachya seticaulis*.

setifer: see *seta* + bearing. cf. *Peristylus setifer*.

setifera: see *seta* + bearing. cf. *Pterostylis setifera*. Noted as endemic to sthn. Aust.

setiferum: see *seta* + bearing. cf. *Epidendrum setiferum*. syn. *E. martianum*.

setiferus: as *setifera*. cf. *Oligochaetochilus setiferus*. syn. *Pterostylis setifera*.

setifolia: bristle + leaf. cf. *Habenaria setifolia*.

setifolium: bristle + leaf. Ref. the finely terete and tapering leaves. cf. *Dendrobium setifolium*.

setiform: bristle + form; shape. Organs, or parts likened to a bristle, ie. very fine and fairly stiff.

setiformis: see *setiform*. cf. *Aeranthes setiformis*.

setigera: see *seta* + bearing. Has small bristles at the column apex. cf. *Maxillaria setigera*.

setigerum: see *seta* + bearing. cf. *Bulbophyllum setigerum*.

setipes: bristle + foot. Ref. the *setiform* peduncle. cf. *Bulbophyllum setipes*. syn. *Bulbophyllum graciliscapum*.

setos: moth. cf. *Lepanthes setos*.

setosa: see *setose*. cf. *Pleurothallis setosa*.

setose: see *seta* + see *-osa*: with many, or covered with bristles; bristled. eg. *setose* stem.

setosis: see *setose*. cf. *Telipogon setosis*.

setosum: see *setose*. cf. *Dendrobium setosum*.

setosus: see *setose*. cf. *Elleanthus setosus*.

setschuanica: Lat'd. spelling: belonging to Szechwan Prov. (aka. Sichuan), s.west China. cf. *Epipactis setschuanica* Ames & Schltr.1919. syn. *E. mairei*.

setschuanicum: as *setschuanica*. cf. *Arthrochilium setschuanicum* (Ames & Schltr.) Szlach.2003. syn. *Epipactis mairei*.

setularioides: see *setulose* + relative to + resembling. cf. *Pleurothallis setularioides*.

setulense: for place name (+ from). Noted three places it could ref. to: a town of Borneo and two villages, one of central Sumatra, the other of the sthn. Malay peninsula.. cf. *Pomatocalpa setulense* (Ridl.) Holtt.1947. syn. *P. spicatum*.

setuliferum: see *setulose* + bearing. cf. *Bulbophyllum setuliferum*.

setulose: as *setose* with an added dimin.: finely, or minutely *setose*.

severa: ref. *severus*: stern; grim; severe; rough, etc. cf. *Dracula severa*.

sexalatus: six + winged. Ref. the ovary. cf. *Corybas sexalatus*. Noted as endemic to New Guinea.

seychellarum: of, or belonging to the Seychelle Republic, an island group, off the east coast of Africa. cf. *Bulbophyllum seychellarum* Rchb.f.1877. syn. *B. intertextum*.

seychellensis: see *seychellarum* (+ different suffix: from). Listed as ex the Aldabra Islands (the main group), cf. *Hederorkis seychellensis* Bosser 1976.

sezikiana: listed for botanist and author, E.Sezik (+ belonging to). ex Crete to Turkey, cf. *Orchis sezikiana* B.& H.Baumann 1991.

shabaensis: for place name (+ from), listed as ex sthn Zaire (: Tanzania). Noted, in the same region, just across the border is Shaba village, Zambia (?). cf. *Habenaria malacophylla* var.*shabaensis* Geerinck 1987.

shanensis: as *shanicum* (with different suffix: from, etc.). cf. *Eria shanensis* King & Pantl.1897.

shanica: as *shanicum*. cf. *Vandopsis shanica* (Phillimore & W.W.Sm.) Garay 1974.

shanicum: listed for place name: belonging to the Shan Hills region, Burma (now Myanmar). cf. *Bulbophyllum shanicum* King & Pantl.1897.

shanxiense: listed for place name: from Shanxi (aka. Shansi; Shan-hsi) Prov., nthn. China. cf. *Cypripedium shanxiense* S.C.Chen 1983.

shaoshunia: is listed as endemic to Taiwan and as it's a synonym, there wasn't any info. May be for a place name (+ of) and noted, Shao-shui (village) of n.west Taiwan (?). cf. *Liparis shaoshunia* S.S.Ying 1977. syn. *L. henryi* Rolfe 1896.

shaoyaoii: may be for a person's name (+ of). Also noted, **Shaoyao** (village), Badongxu, Guangdong Prov., sthn. China. cf. *Gastrochilus shaoyaoii* S.S.Ying 1977. syn. *G. formosanus*.

sharmae: for place name (+ of), listed as ex Arunachal Pradesh, India. cf. *Eria sharmae* H.J.Chowdery, G.S.Giri & G.D.Pal 1993.

sheaffiana: see *scheaffiana*. cf. *Diuris sheaffiana* Fitzg.1891. syn. *D. tricolor*.

sheath: a covering; tubular-like bract, likened to onion skin on pseudobulbs, stems, rhizomes, etc. Can become very ragged and unsightly as it is often shed as the plant matures. + See involucre.

shensiana: belonging to Shensi (: Shaanxi, aka. Shaan-hsi) Prov., nthn. China. cf. *Platanthera shensiana* (Kraenzl.) T.Tang & F.T.Wang 1951.

shepherdii: listed for Thomas William Shepherd (1824-1884). A Sydney nurseryman, editor of the horticultural journal "Town & Country" and authoritative collector of native flora. cf. *Bulbophyllum shepherdii* (F.Muell.) Rchb.f.1871. Noted as endemic to eastn. Aust.

shepherdii: listed for phytologist, K.Shepherd. Descs. accr. to him are abbr. to: Sheph. ex Panama, cf. *Gongora shepherdii* Rchb.f.1854. syn. *G. maculata*.

shibatianum: belonging to Shibata. Listed for phytologist and author, Keita Shibata (1877-1949). Descs. accr. to him are abbr. to: Shib. ex the Philipp., cf. *Aerides shibatianum* Boxall ex Náves 1880.

shikokiana: for place name: belonging to Shikoku, refs. to the smallest of the four main islands of Japan. Also, on the island, ref. Shikoku Karst (+ see karst), of Shikoku Sanchi (mtn. range), Kochi-ken Prefecture. cf. *Chamaegastrodia shikokiana* (Makino) Makino & Maek.1935.

shimizuana: belonging to Shimizu, a town of Nansei-shoto (Ryukyu) islands, sthn. Japan. cf. *Gastrodia shimizuana* Tuyama 1982.

shirense: as *shirensis*. cf. *Satyrium shirense* Rolfe 1898.

shirensis: from the Shire River area and/or ref. the Shire Highlands, sthn. Malawi, Africa. cf. *Nervilia shirensis* (Rolfe) Schltr.1911.

shixingensis: from Shixing (: Taiping), a major town of nthn, Guangdong Prov., China. cf. *Goodyera shixingensis* K.Y.Lang 1996.

shizopetala: see *schist*:- split, etc.+ petals. Or, *-petala*, could be, see *-petalo*:- broad; wide (has a wide split?). cf. *Malaxis shizopetala*.

shuicae: for place name (+ of). This author often spells them phonetically and noted two villages which sound like possibles: **Shui-chai** of Guangdong Prov., China and **Shui-ch'e** of central westn. Taiwan (?). cf. *Malaxis shuicae* S.S.Ying. syn. *M. ophrydis*.

shupangae: of Shupanga (?), for place name, only listed as ex trop. and sthn. Africa. cf. *Eulophia shupangae* (Rchb.f.) Kraenzl.1895. syn. *E. odontoglossa*.

shuttleworthii: listed for phytologist and author, Robert James Shuttleworth (1810-1874), senior partner of Shuttleworth & Carder (see *carderi*), nurserymen of Clapham, Eng. ex Colombia, cf. *Stanhopea shuttleworthii* Rchb.f.1876.

shweliense: listed for place name: from Shweli, a minor city of n.west Myanmar. cf. *Bulbophyllum shweliense* W.W.Sm.1921.

shweliensis: as *shweliense*. cf. *Habenaria shweliensis* W.W.Sm.& Banerji 1914.

Siagonanthus: Poepp.& Endl.1836: ref. *siagon*: jaw (jawbone?) + flower. Alluding to the flower, from the side, likened to a jaw. syn. *Maxillaria* Ruiz & Pav.

siamense: for place name: from Siam (: Thailand). cf. *Bulbophyllum siamense* Rchb.f.1867. syn. *Bulbophyllum lobbii*.

siamensis: as *siamense*. cf. *Eria siamensis* Schltr.1906.

siantanensis: lit., from Siantan (village), but it's complicated this one. I have to quote the official listing from The Royal Botanic Gardens, Kew, Eng. (see the Bibliography). cf. "*Aphyllorchis siantanensis* J.J.Sm., Repert. Spec. Nov. Regni Veg. 30: 327 **Borneo (Kep.Anambas)**." The spec. tells me that possibly, the plant is named for Siantan, of Daerah Tingkat I Kalimantan Barat, west Borneo. But the bracketed notation refs. to **Keplauan Anambas**, a group of small islands, a long way n.west of Borneo. Perhaps there's another "Siantan" on these islands (?).

sibangensis: for place name: from Sibang (village), inland from Libreville, Gabon, west Africa. cf. *Brachycorythis sibangensis* Kraenzl.1898. syn. *B. tenuior*.

sibatensis: for place name (+ from), only listed as ex Colombia. cf. *Pleurothallis sibatensis* F.Lehm.& Kraenzl.1899.

siberutense: from Siberut Island, off the west coast central Sumatra, Indon. cf. *Dendrobium siberutense* J.J.Sm.1922.

siberutensis: as *siberutense*. cf. *Distichorchis siberutensis* (J.J.Sm.) M.A.Clem.2003. syn. *Dendrobium siberutense*.

sibirica: belonging to Sibir' (Latin: *Siberia*): Siberia. A vast region of Asian Russia and nthn. Kazakhstan. cf. *Gymnadenia sibirica* Turcz.ex Lindley 1835. syn. *G. conopsea*.

sibundoyensis: from Sibundoy, a town of n.west Putumayo Department, Colombia. cf. *Dracula sibundoyensis* Luer & R.Escobar 1979.

sibuyanense: listed for place name: from Sibuyan Island, central Philipp. cf. *Bulbophyllum sibuyanense* Ames 1912.

(sic): listed as the English abbreviation of *sic in originali*: so it stands in the original. Enclosed in brackets, it denotes editorial doubt of validity. Most often used in a discussion to point out some quoted mistake by following a word, or statement.

sicana: belonging to Sica (village), Velika Kapela, Croatia. cf. *Ophrys x sicana* H.Baumann & Künkele.

sicaria: ref. *sica*: dagger + like, etc. From the description, alludes to a leaf. cf. *Pleurothallis sicaria* Lindley 1841.

sicariopsis: see *sicaria* + appearance. Possibly, was likened to *Pleurothallis sicaria* (?). cf. *Pleurothallis sicariopsis* Luer 1981.

siccaria: see *siccate*, ref. *siccare* + of. cf. *Eria siccaria*.

siccate: ref. *siccatus*: dried. Giving the appearance of drying out; dehydrating. + Ref. *siccare*: to make dry; *siccus*: dry.

sichuanense: from Sichuan Prov., China. cf. *Cypripedium sichuanense* Perner 2002.

sichuanica: belonging to Sichuan Prov., China. cf. *Malaxis sichuanica* T.Tang & F.T.Wang ex S.C.Chen 1988.

sichyobulbon: ref. *sikyos*: the wild cucumber. Ref. the genus *Cucumis* (family: *Cucurbitaceae*), + bulb. cf. *Bulbophyllum sichyobulbon*. + See *sicyobulbon*.

siciliensis: for place name: from Sicily island, Italy. cf. *Dactylorhiza sambucina* ssp.*siciliensis* (Klinge) H.Sund.1980. syn. *D. markusii*.

sicula: lit., a small dagger, but it's more likely ref. *siculus*: (of) Sicily. I searched the description in vain, for anything likened to a blade, or any kind of knife. With subsequent reading I noted it is found in Sicily and other locations. The name Sicily, is reputed to come from the fact that Sicilian men would never appear in public without their dagger (which most often was an heirloom), hence the Lat., *siculus*: of, or for anything to do with Sicily. cf. *Ophrys sicula* Tineo 1817. + See next entry.

sicula: another entry as this one is for a small dagger; knife. Listed to be from Ecuador, to Bolivia, so it has nothing to do with Sicily. cf. *Pleurothallis sicula*.

siculorum: ref. *sicula*: small dagger, or more likely ref. *siculus*: (of) Sicily. Noted, this species has also been found in Sicily (+*-orum*: of; belonging, or relative to). cf. *Dactylorhiza cordigera* ssp. *siculorum* (Soó) Soó 1962.

sicyobulbon: see *sichyobulbon*. This, or the other must be an error, as all refs. are the same.

sidikalangense: from Sidikalang (village), n.west Sumatera Utara, Sumatra, Indon. cf. *Dendrobium sidikalangense* Dauncey 2001.

sieberi: as *Sieberia*. cf. *Ophrys x sieberi* H.Baumann & Künkele. Listed among the synonyms, without date, location, or "correct name".

Sieberia: Spreng.1817. Listed for botanist, naturalist and authoritative collector, Franz Wilhelm Sieber (1789-1844), of Prague, Czech. syn. *Platanthera* Rich.

sieboldiana: belonging to Siebold. Listed for botanist Philipp Franz von Siebold (1796-1866). ex the Philipp., cf. *Habenaria sieboldiana* Miq.1866. syn. *H. dentata*.

sieboldii: as *sieboldiana*. ex Korea, Japan to Taiwan, cf. *Calanthe sieboldii* Decne.ex Regel 1868. syn. *C. striata*.

x *Siegeristara*: auct.: of Siegerist. May be for another person, but my only ref. is to phytologist and author, E.S.Siegerist (b1925). Often noted as a co-author and listed as ref. Garay, Hamer & Siegerist. On the syn. list, cf. *Bulbophyllum x Trias*.

sierrae-peladae: for place name (+ of), only listed as ex Colombia (sierra: mountain). cf. *Epidendrum sierrae-peladae* Kraenzl.1920.

Sievekingia: Rchb.f.1871. Listed for Herr Dr.Sieveking, Burgomeister (: Chief Magistrate) of Hamburg, Germany. ex Costa Rica, eg. *Sievekingia suavis*.

sigilliforme: *sigilli-* is listed as a contraction of *sigilliolum*: a small sign; flag; mark, etc.+ form; shape; kind, etc. cf. *Bulbophyllum sigilliforme*. syn. *B. complanatum*.

sigillum: a sign; flag; mark. cf. *Habenaria sigillum*.

sigma: the 18th letter of the Gk. alphabet. Having a shape likened to the Eng. letter: "S".

But, noted that in old Greek, the word *sigma* is reported to mean: bow; arch and likened to the Eng. letter "C". + See sigmate, *sigmato-*, sigmoid.

x *Sigmacidium*: auct. On the syn. list, cf. *Oncidium* x *Sigmatostalix*.

sigmate: most refs. seem to have an each way bet and define this as: "S", or "C" shaped.

+ See sigma, *sigmato-*.

sigmato-: used in combwds., see sigma, sigmate, sigmoid. Confusing as can be either "S", or "C" shaped. My sources (mostly) define this as: like the shape of the letter "S".

Sigmatochilus: Rolfe 1914, see *sigmato-*+ lip. eg. *Sigmatochilus kinabaluensis*. syn. *Chelonistele kinabaluensis*.

sigmatochilus: see *sigmato-*+ lip. cf. *Pholidota sigmatochilus*. syn. *Chelonistele kinabaluensis* (Rolfe) de Vogel.

Sigmatogyne: Pfitzer 1907: see *sigmato-*+*-gyne*: woman. + Of interest, see *Zetagyne*. eg. *Sigmatogyne bia*. syn. *Panisea tricallosa*.

Sigmatostalix: Rchb.f.1852: see *sigmato-*+ see *stalix*: stake (: column). Many sources say the column is arched (as a "C"). ex Ecuador to Peru, eg. *Sigmatostalix graminea*.

sigmoid: many refs. define this as: likened to being S-shaped. + See sigma; sigmate; *sigmato-*.

sigmoidea: resembling the letter "S". I am confident of this one. A line-drawing from the side shows an unmistakable (horizontal) "S" shaped lip. cf. *Caladenia sigmoidea*. Noted as endemic to West.Aust.

sigmoideum: sigmoid + noted for. cf. *Genoplesium sigmoideum* D.L.Jones. Listed as endemic to Qld., Aust.

sigmoideus: as *sigmoideum*. cf. *Sarcochilus sigmoideus*. syn. *Brachypeza indusiata*.

signata: marked. Ref. *signum*: mark + like; having. cf. *Brassia signata*.

signatum: marked. The flower has spots and blotches. cf. *Bulbophyllum signatum*.

signifera: marks + bearing. Noted as, refs. to the leaves. cf. *Orchis mascula* ssp. *signifera*. syn. *O. ovalis*.

sigsigensis: from Sigsig (village) central eastn. Azuay Prov., Ecuador. cf. *Lepanthes sigsigensis* Luer & Hirtz 1993.

sigynes: lit., a spear. cf. *Pleurothallis sigynes*.

sikangensis: from Sikang, once a region of central sthn. China, now inc. with Sichuan Prov. cf. *Hemipilia sikangensis* T.Tang & F.T.Wang 1951.

sikapingense: for place name (+ from), listed as ex Sumatra, Indon. cf. *Bulbophyllum sikapingense* J.J.Sm.

sikinii: cf. *Dendrobium sikinii* Schltr.1912. Listed to be for one of his native collectors, who came from New Ireland. Was an invaluable assistant to Dr.Schlechter during his expeditions to German New Guinea. syn. *Dendrobium subquadratum*.

sikkimense: for place name: from Sikkim state, n.east India. cf. *Cymbidium sikkimense* Hook.f.1890. syn. *Cymbidium devonianum*.

sikkimensis: as *sikkimense*. cf. *Anoectochilus sikkimensis* King & Pantl.1896.

sikokiana: listed as: belonging to Sikoku (Shikoku) island(s), sthn. Japan. cf. *Pantlingia sikokiana* (Maxim.ex Makino) Rauschert 1983.

sikokianus: as *sikokiana*. cf. *Stigmatodactylus sikokianus* Maxim.ex Makino. syn. *Pantlingia sikokiana*.

silaensis: from Sila. One that fits the given location is Sila (village), Jammu & Kashmir (State), India (?). cf. *Platanthera silaensis* Hand.-Mazz.1936. syn. *P. leptocaulon*.

silcockii: listed for orig.coll., P.Silcock. cf. *Dendrobium kingianum* var. *silcockii* F.M.Bailey 1902. syn. *Dendrobium kingianum*. Noted as endemic to eastn. Aust.

silena: see *silenus*. cf. *Thelymitra silena*. Noted as endemic to Tas., Aust.

silentvalliensis: has to be Lat'd. English, for a place name: from Silent Valley. Listed as orig. found in Kerala state, India and I read all the info. I have on the region, but couldn't disprove my initial interpretation. (Of interest, ref. *silentus* + *vallis* + *ensis*: from silent valley). cf. *Bulbophyllum silentvalliensis*. Also noted another mention, *Silentvalleya*: a genus of grasses (family: *Gramineae*). This may have no bearing, but out in the bush, I have noticed this phenomenon a few times. Blissfully wandering along and suddenly getting a strange uneasy feeling, there is absolutely no other sounds than those of my own making, it's very eerie! I even sat down once, to be perfectly still, stopped breathing and really listened ... to total silence, nothing! Moved on and eventually stopped to listen and all the little, normal bush noises were there again.

silenus: ref. Silenus (*Seilenos*), ex Gk.myth.: an old *Satyri* (see *Satyrium*), usually depicted as small, bearded, bald and in a happy intoxicated state. His main failing seemed to be his fondness for strong liquor and when in a drunken stupor was reputed to be capable of foretelling the future. cf. *Lepanthes silenus* Luer & Hirtz 1996.

siliquiform: pod + shape. Noted this from a discussion, ref. *siliqua*: a long, narrow, bivalved capsule with a central partition (see septum), bearing seeds + form; shape.

sillarensis: from Sillar. Noted two villages, of Potosi and/or Santa Cruz Departments, Bolivia. cf. *Cyclopogon sillarensis* Dodson & R.Vásquez.

silvana: same comments as *silvanum*. cf. *Polycynis silvana* F.Barros 1983.

silvanum: is only listed as ex Brazil. May be for a person (-Silva), or for a place name (have noted a few villages named Silva) and also could simply be, ref. *silva*: forest (+ suffix: of, or belonging to). cf. *Oncidium silvanum* V.P.Castro & Campacci 1991.

silvatica: was listed as such, but may be an error, see *sylvatica* (?). Ref. *silva*: forest + suffix: belonging to a forest. cf. *Calanthe silvatica*.

silveirana: belonging to Silveira. Listed for phytologist Alvaro Astolpho da Silveira (1867-1945). ex Brazil, cf. *Cleisthes silveirana* Hoehne & Schltr.1925.

silvestris: forest + habitat: growing in a forest. cf. *Bromheadia silvestris*.

silvicola: forest + dweller; resident. cf. *Peristylus silvicola*.

silvicolor: forest + colour. Maybe, having the colour(s) of a slightly distant forest: mixed dark greens and greys, or, simply, a greyish green (?). Then again, depending on the type of forest and the time of year, eg. if at autumn, it could be for all sorts of colours.

silvicultris: forest + ref. *cultrix*: inhabitant. cf. *Pterostylis banksii* var. *silvicultris*.
silviculture: a branch of forestry; forestry management.
silviculturist: a botanist who specialises in matters relative to trees and silviculture.
Silvorchis: J.J.Sm.1907: forest + orchid. cf. *Silvorchis colorata*. Noted as monotypic and endemic to Java, Indon.
sima: ref. *simus*: pugnosed; flat-nosed. + Can imply: flat; flattened. cf. *Prosthechea sima*.
simacoana: for place name (+ belonging to), listed as ex La Paz Department, Bolivia. cf. *Maxillaria simacoana* Schltr.1929.
simacoensis: as *simacoana* (with different suffix: from). cf. *Stelis simacoensis* Schltr.1929.
simalurensis: maybe phonetic spelling (?): from Simeuluë island(s), off the s.west coast of nthn. Sumatra, Indon. cf. *Pomatocalpa simalurensis* J.J.Sm.
simarrensensis: for place name (+ from), listed as ex France, Greece, and/or Italy. Can't locate it, but amongst the synonyms, there is *Anacamptorchis simorrensensis* (? see later entry). Listed as a cross, cf. *Anacamptis* x *simarrensensis* (P.Fourn) ined.
simbuensis: phonetic and Lat'd. spelling for place name: from the Chimbu (Valley) region, central PNG. Once Chimbu warriors were extremely aggressive and highly feared. cf. *Corybas simbuensis* P.Royen 1983.
simensis: for place name (+ from), listed to be of Sudan to Yemen. One that fits the locations, ref. Sima (village), a little s.west of Addis Ababa city, Ethiopia. cf. *Habenaria simensis* Rchb.f.1849. syn. *H. antennifera*.
simia: an ape, or monkey. A fanciful allusion to the labellum (outline). cf. *Orchis simia*.
simica: belonging to the island(s) of Sími, Dodecanese group, eastn. Aegean Sea, Greece. cf. *Ophrys* x *simica* Keitel & Remm 1991.
similacrum: listed as the one word: likeness; image, etc. cf. *Dendrochilum similacrum*.
similare: similar + relative to. cf. *Bulbophyllum simile*.
simile: ref. *similis*: similar. Could also be: similarly. cf. *Bulbophyllum simile*.
similis: similar. cf. *Liparis similis*.
similissimum: similar + emphasis: very, etc. cf. *Bulbophyllum similissimum*.
simillima: somewhat similar. cf. *Malaxis simillima*.
simillimum: somewhat similar. cf. *Cirrhopetalum simillimum*. syn. *Bulbophyllum taeniophyllum*.
simillinum: similar + of. cf. *Bulbophyllum simillinum*. syn. *B. taeniophyllum*.
simmondsii: listed for M.Simmonds (+ of). ex Qld., cf. *Liparis simmondsii* F.M.Bailey 1891. Noted as endemic to Aust.
simondianum: belonging to Simond, see *simondii*. ex Vietnam, cf. *Pteroceras simondianum* (Gagnep.) Aver.1988.
simondianus: as *simondianum*. cf. *Sarcanthus simondianus* Gagnep.1951. syn. *Cleisostoma simondii*.
simondii: of Simond. Listed for orig.coll., botanist F.Simond. ex Vietnam, cf. *Cleisostoma simondii* (Gagnep.) Seidenf.1975.
simorrensensis: listed for place name: from Simorre, a town of Gers, Midi-Pyrenees, sthn.France. cf. *Anacamptorchis simorrensensis* var.*ticinensis* (Gsell) Del Prete & M.Tomas 1984.

simple: many authors throw this word into their discussions and it's not just simple!

Ref. *simplex*, *simplicis* can also mean: single; uncomplicated; undivided; entire; unadorned; plain; unmixed; unbranched, etc.

simplex: see simple. cf. *Epigeneium simplex*. Noted as endemic to Papua, Indon.

simplici-: used in combwds., ref. *simplicis*, see simple.

simplicicaule: see simple + stem; stalk. cf. *Dendrobium simplicicaule*. syn. *Flickingeria simplicicaulis*.

simplicicaulis: see simple + stem; stalk. cf. *Flickingeria simplicicaulis*.

simpliciflora: see simple + flower. cf. *Pleurothallis simpliciflora*.

simpliciglossa: see simple + tongue. cf. *Pleurothallis simpliciglossa*.

simplicilabellum: see simple + lip. cf. *Bulbophyllum simplicilabellum*.

simplicilabia: see simple + lip. cf. *Maxillaria simplicilabia*.

simplicilabius: see simple + lip. cf. *Gastrochilus simplicilabius*.

simplicissima: see simple + emphasis: very, etc. cf. *Sayeria simplicissima*. syn. *Dendrobium crumenatum*. See sketch and notes at "C".

simplicissimum: simple + emphasis: very, etc. cf. *Dendrobium simplicissimum*. syn. *Dendrobium crumenatum*.

Simpliglottis: Szlach.2001: see simple + tongue. syn. *Chiloglottis* R.Br.

simpsonii: listed for botanist George Simpson (1880-1952). ex Florida, USA. c1903, cf. *Calopogon tuberosus* var. *simpsonii* (Small) Magrath 1989.

simula: ref. *simulo*: copy; imitate. Or, ref. *simul*: at the same time (?). cf. *Dryadella simula*.

simulans: imitating; copying; simulating. cf. *Genoplesium simulans*. Noted as endemic to NSW., Aust.

simulata: see *simulatum*. cf. *Thelymitra simulata*. Noted as endemic to s.east Aust.

simulatrix: listed as the one word: a copier; imitator (fem.). cf. *Dryadella simulatrix*. syn. *D. pusiola*.

simulatum: descwd., can be the same as *simulatus*. But, is listed as also meaning: verisimilitude (: appearance of truth; probability; likelihood).

simulatus: descwd., imitated; copied, etc. Also see *simulatum*.

simullinum: ref. *simulans*: imitating +-ina: like, etc. cf. *Bulbophyllum simullinum*. syn. *Bulbophyllum taeniophyllum*.

Simultaneae: simultaneous; having flowers and new growth at the same time (+ see synanthous), + suffix denotes it's a tribe.

simum: see *sima*. cf. *Epidendrum simum*. syn. *Prosthechea sima*.

sinadjiensis: for place name (+ from), only listed as ex Sulawesi, Indon. cf. *Phreatia sinadjiensis* J.J.Sm.1917.

sinapoides: see *sinapis* + resembling. cf. *Cypripedium sinapoides*.

sinapis: ref. *sinapis*: mustard (see mustard, at "M"). cf. *Bulbophyllum sinapis*.

sincorana: only listed as: belonging to Sincorá, Bahia state, Brazil. Noted two villages and a mtn. peak, in the same general region (of the Brazilian Highlands): Sincorá, Sincorá Velho and Geral do Sincorá. cf. *Sophronitis sincorana* (Schltr.) Van den Berg & M.W.Chase 2000.

sincoranum: as *sincorana*. cf. *Zygopetalum sincoranum* V.P.Castro & Campacci 2000.

sincorensis: from Sincorá, see *sincorana*. cf. *Veyretia sincorensis* (Schltr.) Szlach.1996.

sine: literary term, ref. Lat. *sine*: without. Seen often in refs., eg. *sine loc.*: without location; *sine No.* (+ see, s.n.): without number (: specimen, and/or collection number), etc.

sinense: of, or from China (ref. *Sinae*). cf. *Cymbidium sinense* (Jackson) Willd.1805.

sinensis: see *sinense*. Some refs. say it's for the raceme, likened to a Chinese queue (a plaited style of hairdressing). From an official distribution list, it has been found in over fifty different countries and regions, but it's **not** actually listed to be "from China". cf. *Spiranthes sinensis* (Pers.) Ames 1908.

singalanense: listed for place name: from Mt.Singgalang, Sumatra, Indon. cf. *Dendrobium singalanense* Kraenzl.1910. syn. *Dendrobium hymenopterum*.

singalangensis: as *singalanense*. cf. *Oberonia singalangensis* Schltr.1911.

singaporeanum: belonging to Singapore. cf. *Bulbophyllum singaporeanum* Schltr.1911.

x *Singaporeara*: Garay & H.R.Sweet: of Singapore (possibly ref. the famous Singapore Bot. Gardens?). On the syn. list, the result of *Ascocentrum* x *Papilionanthe* x *Vanda*.

singaporense: from Singapore. cf. *Dendrobium singaporense* A.D.Hawkes & A.H.Heller 1957.

singaporeana: as *singaporeanum*. cf. *Neuwiedia zollingeri* var.*singaporeana* (Wall.ex Baker) de Vogel 1969.

singaporensis: as *singaporense*. cf. *Habenaria singaporensis* Ridl.1896.

singkawangense: from Singkawang city, Daerah Tingkat I Kalimantan Barat (Indon.), s.west Borneo. cf. *Dendrobium singkawangense* J.J.Sm.1935.

singulare: see *singularis*. cf. *Bulbophyllum singulare*.

singularis: alone; unique; one at a time; lone; single, etc. cf. *Dryadorchis singularis*.

Singularybas: Molloy, D.L.Jones & M.A.Clem.: see *singularis* + the -ybas is from the genus *Corybas*. syn. *Corybas* Salisb. (+ see *Corybas*).

singuliflora: see *singularis* + flower. ex Borneo, cf. *Phalaenopsis* x *singuliflora* J.J.Sm.1932.

singuliflorum: see *singularis*: singular + flower. cf. *Pteroceras singuliflorum*. syn. *Sarcochilus uniflorus* (: one flower).

singulifolia: see *singularis* + leaf. cf. *Eria singulifolia*.

singulum: see *singulus*. Possibly refs. to the single tuberoid. cf. *Herminium singulum*.

singulus: descwd., one; single; lone, etc. + see *singularis*.

sinica: of the left (side). Or, may be a contraction of *sinistra*: left; left-hand side + -ica: the action; belonging to. cf. *Eria sinica*. syn. *E. pusilla*.

sinicum: as *sinica*. cf. *Epipogium sinicum*. syn. *E. roseum*.

sinistrorsus: descwd.: towards the left, or to the left-hand side.

sinokanran: ref. *Sinae*: of China + see *kanran* (: winter flowering). cf. *Cymbidium sinokanran*. syn. *Cymbidium kanran*.

Sinorchis: S.C.Chen 1978: ref. *Sinae*: of China + orchid. syn. *Aphyllorchis* Blume.

sintenisii: listed for orig.coll., phytologist, Paul Ernst Emil Sintenis [+ of] (1847-1907). Descs. accr. to him are abbr. to: Sint. ex Iran, cf. *Ophrys sintenisii* Fleischm.& Bornm.1923. syn. *O. mammosa*.

sinuata: see sinuate. cf. *Mormodes sinuata*.

sinuate: ref. *sinuatus*: bent; curved; waved. Can be for a surface condition, or having wavy, curved margins (+ see sinuous). Also can be to do with a recess between lobes and segments (+ see sinus).

sinuatiflorum: see sinuate + flower. cf. *Angraecum sinuatiflorum*.

sinuatum: see sinuate. cf. *Dendrobium sinuatum*.

sinuosa: see sinuous, sinuate. cf. *Oberonia sinuosa*.

sinuosum: as *sinuosa*. cf. *Dendrobium sinuosum*.

sinuous: ref. *sinuosus*: having bends, or folds; very wavy; curving in and out (snaking). + See sinuate.

sinus: adapted ex *sinus*: a curve. A recess; pocket; fold. A recess, the inner curve formed by two projecting parts, or a curved recess between lobes and segments (see sinuate). eg. With *Pterostylis*: describing the point of junction of the lateral sepals. In Lat. descriptions, can also ref. to a bay; gulf: as a shoreline feature. eg. *Sinus Nova Hispania* (: Gulf of New Spain): Gulf of Mexico.

siphoglossa: pipe; tube + tongue. cf. *Pleurothallis siphoglossa*.

siphonantha: pipe; tube + flower. cf. *Masdevallia siphonantha*.

siphonosepaloides: pipe; tube + sepals + resembling. Or, may have been compared to *Epidendrum siphonosepalum* (?). cf. *Epidendrum siphonosepaloides*.

siphonosepalum: ref., siphon: pipe; tube + sepals. cf. *Epidendrum siphonosepalum*.

sipontensis: listed for place name: from Siponto, a small town of Testa del Gargano (see *garganica*), Italy. cf. *Ophrys sipontensis* R.Lorenz & Gembardt 1971. syn. *O. exaltata*.

Sirhookera: Kuntze 1891. Listed for Sir Joseph Dalton Hooker, more info. see entry at "H", Hooker. ex India, eg. *Sirhookera latifolia*.

sisgaense: for place name (+ from), only listed as ex Colombia. cf. *Epidendrum sisgaense* Hágsater 2001.

sister cells: noted this from a discussion.: The common term for the undifferentiated cells at the extreme tip of an organ, which are actively dividing and causing "growth". This is the section of tissue taken for meristem culture (see "M"), known as an explant (see "E").

sisyrinchiifolia: ref. *sisyrinchion*: a grass-like plant. Grass-like members of the genus *Sisyrinchium*, iris family: *Iridaceae*, native to the central Americas and Caribbean (+ *folia*: leaf). cf. *Encyclia sisyrinchiifolia*. syn. *Encyclia microbulbon*.

sisyrinchiifolium: as *sisyrinchiifolia*. cf. *Epidendrum sisyrinchiifolium*. syn. *Encyclia microbulbon*.

sitiaca: listed as Lat'd. spelling for place name: belonging to *Sitia*: Crete (island), Greece. cf. *Orchis anatolica* ssp.*sitiaca* Renz 1932.

sitiae: of *Sitia*, see *sitiaca*. cf. *Serapias* x *sitiae* Renz 1932 (syn.).

situlifera: ref. *situla*: a bucket; urn + bearing. cf. *Stelis situlifera*.

sivana: belonging to Siva. Noted a town and a village, with this name of Iraklion, central Crete island, Greece. ex Crete, cf. *Ophrys* x *sivana* H.Baumann & Künkele 1986.

sivasiana: belonging to Sivas, for the city and/or the province, central Turkey. cf. *Dactylorhiza* x *sivasiana* E.Baumann & Künkele ex Renz & Taubenheim 1983.

skeatianum: listed for place name: Skeat's Ridge, ex Gunong Tahan, Malaya's highest mountain. cf. *Bulbophyllum skeatianum* Ridley 1915.

skeleton: lit., a mummy; dried body. cf. *Lepanthes skeleton*.

Skeptrostachys: Garay 1982: ref. *skeptron*: rod; staff; wand + spike (: raceme). ex Brazil, eg. *Skeptrostachys latipetala*.

skinneri: listed for orig.coll., George Uri Skinner (1804-1867), an Eng. born merchant. Moved to Guatemala 1831 and from there collected extensively in the region for James Bateman (see *Batemanian*) and discovered many new species. cf. *Lycaste skinneri* Bateman 1842. syn. *Lycaste virginalis*. Trivium: this is also the national flower of Guatemala. Reported to be commonly known as *Monja Blanca* (: the White Nun).

skottsbergii: listed for phytologist and author, Carl Johan Fredrik Skottsberg (1880-1963). Descs. accr. to him are abbr. to: Skottsb. ex Chile to the Falkland Isls., cf. *Codonorchis skottsbergii* Kraenzl.1910.

skutchii: listed for Alexander F.Skutch (+ of) who collected in Guatemala and Costa Rica, c1933-'34. cf. *Epidendrum skutchii* Ames, F.T.Hubb.& C.Schweinf.1936.

x *Sladeara*: auct.: of Slade. May be for another person, but my only ref. is see the next entry. On the syn. list, the result of *Doritis* x *Phalaenopsis* x *Sarcochilus*.

sladeanum: listed for George Hermon Slade (+ belonging to), author and authority on orchids of the Australasian region, Director of the Australian Orchid Foundation. cf. *Bulbophyllum sladeanum* A.D.Hawkes 1956. syn. *B. macphersonii* var. *spathulatum*. Noted as endemic to nth. Qld., Aust. In 1971, I was visiting at his home (in PM.PNG.), admiring his orchids and was stopped cold by a *Phalaenopsis lueddemanniana* gloriously in flower (a lovely reddish-purple and at the time, I thought Phallies were only white). I was making lustful little mewling noises and dribbling all over it, so he said "hmmm..., you like this one eh?, here you go...". Without hesitation, he plucked off a strong young aerial growth (which, incidently, had grown off an older raceme axis, + see keiki) and handed it to me in the same instant. I was almost speechless with surprise and pleasure at such an unexpected generous gift. Although the truth be known, it was probably out of pity, as I had to have been patently obvious in my desire and he is a very kind gentleman. Later, I floated home on cloud nine.

sladei: see *sladeanum*. ex Samoa, etc., cf. *Dendrobium sladei* J.J.Wood & P.J.Cribb 1982.

slamatensis: from Gunung (Mt.) Slamet (a volcano), central Java. cf. *Malaxis slamatensis* (J.J.Sm.) Bakh.f.1963.

slateri: listed for orig.coll., Ernest William Slater at Bulahdehla, NSW. cf. *Cryptanthemis slateri* Rupp 1932. syn. *Rhizanthella slateri* (Rupp) M.A.Clem.& P.J.Cribb. A unique saprophyte, living completely under the ground. Noted as endemic to Aust.(Qld.& NSW.), more info. see *Rhizanthella*.

sleumeri: of Sleumer. Listed for phytologist and author, Hermann Otto Sleumer (1906-1993). ex Papua, Indon., cf. *Dendrobium sleumeri* Ormerod 2003.

slipper orchids: common term, mostly refs. to those of the sub-family *Diandreae*: *Paphiopedilum*, *Cypripedium*, *Selenipedium* and *Phragmipedium*, alluding to the

labellum shape. I noted Chinese herbalists, esp. used *Paphiopedilum* as a basis for aphrodisiacs and records from back to 600BC., have been found extolling their form and beauty. + See *calceolaria*.

Smallia: Nieuwl.1913. Listed for John Kunkel Small (1869-1938). American author, phytologist and authority on flora of the USA. syn. *Eulophia* R.Br.

smallii: as *Smallia*. ex eastn. central and s.east USA., cf. *Spiranthes smallii* Schltr.1920. syn. *S. ovalis* Lindl.1840.

smaragdina: see *smaragdinus*. cf. *Stelis smaragdina*.

smaragdinum: as *smaragdinus*. cf. *Epidendrum smaragdinum*.

smaragdinus: listed as the one word: emerald-green. Ref. *smaragdus*, *smaragdus*: emerald + suffix: denoting colour. A vague colour term: emerald green; grass green. + Can be of many shades, from a dark bluish-green to a bright, paler, emerald green.

smaragdina: as *smaragdinus*. Have no explanation for the "y" in this specep., all other refs. spell it with an "i". cf. *Pterostylis smaragdina*. Noted as endemic to Vic., Aust.

smeeana: belonging to Smee. Listed for noted grower, A.H.Smee (Eng.). Noted as ex Guatemala, cf. *Lycaste* x *smeeana* Rchb.f. ex Warner & Williams 1897.

smeeanum: as *smeeana*. ex India, cf. *Xenikophyton smeeanum* (Rchb.f.) Garay 1974.

smilacifolium: ref. *smilax*: listed as orig. for some lily-like plants, but is now a genus of lilies (see lily) + leaf. cf. *Clematopistephium smilacifolium*.

smilliae: as *smillieae*. cf. *Callista smilliae* (F.Muell) Kuntze 1891. syn. *Dendrobium smillieae*. See next entry.

smillieae: listed for orig.coll., Mrs.E.J.Smillie ex Qld., Aust. cf. *Dendrobium smillieae* F.Muell.1868, pers.coll., fairly common ex PM.PNG. It was cApril 1968, my friend, Peter, had one gloriously in flower (somebody had given it to him) and I wanted one too (or, even three!). I couldn't believe this "jellybean orchid" (also, "bottlebrush orchid"). "Orchid?, how can THIS, possibly be an ORCHID!" My total knowledge being of large, exotic, very expensive flowers used in a corsage (envisaging a *Cattleya*), etc. Little did I know that at that moment it was love at first sight and the start of a consuming passion. This epic saga is continued, see *javanica* (*Acriopsis javanica*), the first orchid I ever found and my comments for this one were virtually the same.

smisrae: for phytologist (orig.coll.?), S.Misra (+ of). ex India, cf. *Oberonia smisrae* Panigrahi 1999. syn. *O. mucronata*.

Smithanthus: Szlach.& Marg.2004: "Smith's flower". Not sure which Smith this is for, see the following entries. syn. *Habenaria* Willd.

x *Smithara*: Garay: of Smith. May be for another person, but also see the next entries. On the syn. list, the result of *Ascocentrum* x *Euanthe* x *Holcoglossum*.

smithiana: belonging to Smith. Listed for Sir James Edward Smith MD., FRS.(1759-1828). Phytologist, author and founder of the Linnean Society. Descs. accr. to him are abbr. to: Sm. ex Asia to s.west Pacific islands, cf. *Pachystoma smithiana* (Lindley) Rchb.f.1858. syn. *Pachystoma pubescens*. + See next entry.

smithiana: belonging to Smith. For Sir W.W.Smith, info. see *Smithorchis*. ex China, cf. *Neottia smithiana* Schltr.1924. + See next entry.

smithiana: as *smithianum* (next entry). ex Fiji, cf. *Pseuderia smithiana* C.Schweinf.1936.

smithianum: belonging to Smith. Listed for Johannes Jacobus Smith (1867-1947). Born in Antwerp, Belgium, trained and worked as a horticulturist in Amsterdam, Brussels and the RBG. Kew, Eng. In 1891 went to the Dutch East Indies and later, to the Buitenzorg (Bogor) Bot. Garden in Java, where he worked for 33yrs., collecting widely in the region. A famous phytologist and prolific author, a major work, his series: *Die Orchidaceen von Niederlandisch, Neu-Guinea* (: The Orchidaceae of Dutch New Guinea), in six volumes, took him 25yrs. to complete (1909-1934). Descs. accr. to him are abbr. to: J.J.Sm. cf. *Bulbophyllum smithianum* Schltr.1911.

smithianus: belonging to Smith (J.J.), see *smithianum*. cf. *Podochilus smithianus* Schltr. + See next entry.

smithianus: belonging to Sir W.W.Smith, see *Smithorchis*. ex China, cf. *Holopogon smithianus* (Schltr.) S.C.Chen 1997. syn. *Neottia smithiana*.

smithii: for Sir James Edward Smith (+ of), more see (*Pachystoma*) *smithiana*. ex Great Britain, cf. *Orchis smithii* Sweet 1826. syn. *O. simia*. + See next entry.

smithii: of Smith (J.J.Sm.), see *smithianum*. ex Java, etc., cf. *Ephemerantha smithii*. syn. *Flickingeria appendiculata*. + See next entry.

smithii: of Smith, see *Smithorchis*. ex Sichuan Prov., China, cf. *Listera smithii* Schltr.1924.

smithii: of Smith, see *Smithorchis*. ex Africa, cf. *Microcoelia smithii* (Rolfe) Summerh.1943.

Smithorchis: T.Tang & F.T.Wang 1936: "Smith's orchid". Listed for phytologist, Prof. Sir William Wright Smith (1875-1956). "Regius Keeper" (a royal title, the position bestowed by Royal Grant) of the RBG.Edinburgh, Scotland. His contributions and knowledge of the flora of Yunnan and Tibet greatly aided the study of Chinese flora. Descs. accr. to him are abbr. to: W.W.Sm. cf. *Smithorchis calceoliformis*. Noted as monotypic and endemic to Yunnan Prov., China.

Smithsonia: C.J.Saldanha 1974: of Smithson (?). Haven't read of this genus and my immediate thought was, perhaps it's to honour James Smithson (1765-1829). A mineralogist, geologist and chemist, famous for his ideal of the Smithsonian Institution (founded in the USA., 1846). ex India, eg. *Smithsonia maculata*.

Smitinandia: Holttum 1969. Listed for Tem Smitinand (b1920), phytologist, author, collector and authority, esp. on Thai. orchids. Was the Director, Royal Thailand Dept. of Forestry and co-author with Dr.Gunnar Seidenfaden (see *Seidenfadenia*), of "Orchids of Thailand". Descs. accr. to him are abbr. to: Smitin. eg. *Smitinandia micrantha*.

smitinandii: as *Smitinandia*. cf. *Bulbophyllum smitinandii* Seidenf.& Thorut 1996.

smolikana: belonging to Mt.Smolikas (Smólikas Óros), Pindus Mtns., Greece. cf. *Dactylorhiza smolikana* B.& E.Willing 1989.

s.n.: an abbr. for *sine numero*: without number. Seen often in listings where the orig.coll. has not given the plant a specimen, or collection number. + See sine.

x *Sobennigraecum*: auct. On the syn. list, cf. *Angraecum* x *Sobennikoffia*.

Sobennikoffia: Schltr.1925. Reported to be for his wife: Alexandra Sobennikoff (her maiden name). Noted as endemic to Madagascar. eg. *Sobennikoffia robusta*.

Sobralia: Ruiz & Pav.1794. Noted they named it for a colleague, Dr.Francisco Sobral, a Spanish botanist and physician. ex Peru, eg. *Sobralia biflora*.

Sobraliinae: *Sobralia* + suffix denotes it's a subtribe.

sobralioides: *Sobralia* + resembling. ex Guatemala, cf. *Epidendrum sobralioides*.

sobrina: ref. *sobrinus*: lit., cousin on the mother's side. cf. *Lepanthes sobrina*.

socco: ref. *soccus*: a sock; soft shoe; slipper. Refs. to the labellum and this species was orig. classified as a *Cypripedium*. cf. *Catasetum sacco*.

sochensis: listed for place name: from Soche (village), Malawi, s.east Africa. cf. *Habenaria sochensis* Rchb.f.1881.

sociale: ref. *socius*: a companion; friend; ally + of; relative to.+ Ref. *socialis*: of a friend, a confederate, etc. cf. *Bulbophyllum sociale*.

socialis: as *sociale*. cf. *Habenaria socialis*. syn. *H. eustachya*.

societatis: one ref. defined this as: most friendly, another says: most companionable. Others say: (of) an association; society (maybe, there was a population of them, like a small community?). More likely, it's to do with the **Society Islands** (French Polynesia), as it is listed to be endemic to this region. cf. *Peristylus societatis* (Drake) N.Hallé 1980.

soconuscana: belonging to Soconusco. By the given locations, refs. to a town of Veracruz state, s.east Mexico. cf. *Maxillaria soconuscana* Breedlove & D.Mally 1989.

socorrense: from Socorro, only listed as ex Colombia. Can't be precise as there are quite a few places named "Socorro". cf. *Epidendrum socorrense* Rchb.f.& Warsz.1854.

socotrana: belonging to Socotra. Refs. to the island of Socotra, n.east of mainland Somalia, n.east Africa. cf. *Habenaria socotrana* Balf.f.1884.

Sodiroella: Schltr.1921. Listed for Italian phytologist, Dr.Aloysius Luis Sodiro (1863-1903) + respectful suffix. Was Prof. of Botany, Univ. of Quito, Ecuador, a noted grower and an authority on local flora. For identification of orchids, he usually sent them to Dr.Shlechter, or Dr.Cogniaux. syn. *Stellilabium* Schltr.

sodiroi: of Sodiro, see *Sodiroella*. ex Ecuador, cf. *Govenia sodiroi* Schltr.1921.

soguksuensis: from Soguksu, Turkey. There are quite a few towns and a N.Park, with this name. cf. *Epipactis* x *soguksuensis* Kreutz 1997. Noted as a natcross of *E. helleborine* x *E. turcica*.

soidaoensis: listed for place name: from Khao Soidao Tai, Thailand. cf. *Sunipia soidaoensis* (Seidenf.) P.F.Hunt 1971.

solandri: listed as Lat'd. spelling for surname of Swedish phytologist, naturalist and author, Daniel Carl Solander FRS.(1733-1782). He studied under Linnaeus (see "L") at Uppsala Univ. and went to Eng.1760. Worked at the British Museum and then was employed by (Sir) Joseph Banks as secretary, librarian. Sailed with Lieut.James Cook as scientific assistant (to Joseph Banks, see *banksii*) in HMS.Endeavour on the historic expedition to NZ.& Aust.1768 and returned July 1771. A brilliant scientist and most remarkable man, as besides the languages of the sciences, he was also fluently literate in at least five other major languages.

Descs. accr. to him are abbr. to: Sol. ex NZ., cf. *Orthoceras solandri* Lindley 1840. syn. *Orthoceras novae-zeelandiae* (A.Rich.) M.A.Clem., D.L.Jones & Molloy 1989. Noted as endemic to NZ.

soleiformis: ref. *solea*: sandal; sole (of the foot) + shape; form. cf. *Malaxis soleiformis*.

solen: descwd., used in combwds.: pipe; tube. Or, can be: a canal; channel.

Solenangis: Schltr.1918, see *solen* + *-angis*: vessel. Has a funnel-like lip. ex West and west central trop. Africa, eg. *Solenangis clavata*.

Solenidiopsis: Senghas 1986: as *Solenidium* + appearance. Listed as endemic to Peru, eg. *Solenidiopsis tigroides*.

Solenidium: Lindley 1846: ref. *solenidion*: a small canal; small channel. Ref. the canaliculate claw of the labellum. ex Colombia, eg. *Solenidium racemosum*.

Solenipedium: Beer 1854: see *solen* + small foot. Reported as a syn. to *Selenipedium* (?).

Solenocentrum: Schltr.1911: see *solen* + spur. eg. *Solenocentrum costaricense*.

solerederi: of Solereder. For phytologist and author, Hans Solereder (1860-1920). ex the Philipp., cf. *Trichoglottis solerederi* Kraenzl.1910.

solicitor: one who incites (agitation; excitement), disturber; tempter. cf. *Lepanthes solicitor*.

solida: ref. *solidus*: firm; hard; thick; complete; undivided. cf. *Orchis solida*. syn. *Dactylorhiza maculata*.

solisequum: as this one is a synonym, there was no information, so I'll speculate: ref. *sol*: sun + ref. *sequor*, *sequax*: follower; following. Follows the sun; strives to reach the sunlight (?). cf. *Epidendrum solisequum*. syn. *E. repens*.

solium: lit., a royal chair; throne. cf. *Pleurothallis solium*.

soller: possibly ex *sollers*: clever, etc.(maybe, because it's a natcross). cf. *Ophrys x soller* M.Henkel 2000.

solomonense: from the Solomon Islands. cf. *Diplocaulobium solomonense* Carr 1934.

solomonensis: as *solomonense*. Is listed as actually from Bougainville Island, PNG. cf. *Corybas solomonensis* P.Royen 1983.

solstitialis: of, or relative to the height of summer. Refs. to its flowering habit. + Of interest see *solstitium*. cf. *Platanthera solstitialis*. syn. *Platanthera bifolia*.

solstitium: longest day of the year; summer solstice. Perhaps, first found on this day, or implies it flowers at the height of summer (?). cf. *Prasophyllum solstitium* D.L.Jones 2000. Noted as endemic to NSW., Aust.

solutisepalum: ref. *solutus*: set free; separate + sepals. Most often the lateral sepals are joined together under the labellum, but these aren't. cf. *Bulbophyllum solutisepalum*. syn. *Bulbophyllum chloranthum*.

somai: may be for a person's name (+ of), but also ref. Soma, a city of Fukushima-ken (prefecture), Honshu, Japan. For where it was found, or where it flowered in cultivation (?). cf. *Gastrochilus somai* (Hayata) Hayata 1915. syn. *G. japonicus*. Another ref., *Liparis somai* Hayata 1914, listed as ex Hengchun Peninsula, Taiwan.

somalense: as *somalensis*. cf. *Angraecum somalense* Schltr.1906. syn. *Aerangis somalensis*.

somalensis: from Somalia, eastn. Africa. cf. *Aerangis somalensis* (Schltr.) Schltr.1918.

somaliensis: as *somalensis*. cf. *Epipactis somaliensis* Rolfe. syn. *E. veratrifolia*.

somersetensis: as *somersetiensis*. cf. x *Orchiplatanthera somersetensis* A.Camus. syn.

somersetiensis: from Somerset County, s.west Eng. cf. *x Rhizanthera chevallieriana* nothosubsp.*somersetiensis* (A.Camus) ined.

sommieri: for phytologist and author, Carlo Pietro Stefano Sommier (1848-1922). ex the Mediterranean region, cf. *Ophrys x sommieri* E.G.Camus ex Cortesi 1904.

somnolenta: looks familiar and is similar in English. Ref. *somnus*: sleep + full of; an abundance. Perhaps, as lying down; nutant, etc. cf. *Pleurothallis somnolenta*.

sondaica: possibly is phonetic, Lat'd. spelling for Sunda (Soenda Islands) + belonging to. Ref. the Greater Sunda Islands (inc. Sumatra, Java, Borneo and many other smaller islands), Indon. cf. *Habenaria sondaica* Kraenzl.1898.

sonderanoides: see *sonderiana* + resembling. Probably was compared to *Pleurothallis sonderiana* (?). ex Brazil, cf. *Pleurothallis sonderanoides* Hoehne.

sonderiana: listed for botanist and author, Otto Wilhelm Sonder [+ belonging to] (1812-1881). ex Brazil, cf. *Pleurothallis sonderiana* Rchb.f.1849.

songaniensis: for place name (+ from), listed as ex sthn. Malawi, Africa. cf. *Polystachya songaniensis* G.Will.1982.

sonkaris: listed for place name: Gunung (Mt.) Sonkar, Sumbawa, Indon. cf. *Eria sonkaris* Rchb.f.1857.

sonoharae: for place name (+ of), listed as ex Okinawa island, Nansei-shoto, Japan. cf. *Platanthera sonoharae* Masam.1964.

sooana: belonging to Soó, see *sooi*. ex Hungary, cf. *Dactylorhiza fuchsii* ssp.*sooana* (Borsos) Borsos 1961.

sooi: listed for phytologist and author, Caroly Rezso Soó von Bere (b1903). Descs. accr. to him are noted as: Soó. ex Europe, cf. *Dactylorhiza x sooi* (Ruppert ex Soó) Soó.

sootenzanensis: probably phonetic spelling, for place name (+ from), only listed as ex Taiwan. cf. *Liparis sootenzanensis* Fukuy.1933.

x Sophrocattleya: Rolfe 1887: the name is taken from the parents as it's a cross of *Sophronitis x Cattleya*. ex Brazil, eg. *x Sophrocattleya amanda*.

x Sophrocyclia: Van den Berg & M.W.Chase 2001: the name is taken from the parents, listed as a cross of *Encyclia x Sophronitis*. Noted as monotypic and endemic to s.east Brazil. cf. *x Sophrocyclia intermedia* (: in between).

x Sophrolaelia: auct. On the syn. list, cf. *Laelia x Sophronitis*.

x Sophrolaeliocattleya: auct. On the syn. list, cf. *Cattleya x Laelia x Sophronitis*.

Sophronia: Lindley 1828, see *Sophronitis*. syn. *Sophronitis* Lindl.

Sophronitella: Schltr.1925: *Sophronitis* + dimin. Was likened to a small *Sophronitis*. eg. *Sophronitella violacea*. syn. *Isabelia violacea*.

Sophronites: Schltr. Noted that the flowers are very much like *Sophronitis coccinea*. cf. *Sophronites grandiflora*. syn. *Dendrobium cuthbertsonii*. + See next entry.

sophronites: as last entry. cf. *Dendrobium sophronites*. syn. *D. cuthbertsonii*. This magnificent little species, ex New Guinea, is very famous for its compactness and its beauty, the flowers lasting many months. Lives in mist forest at very high altitudes. + See *sophro* red.

Sophronitis : Lindley 1828. Listed as ex Brazil to Argentina, some refs. say: modest; chaste; coy. Others ref. to *sophron*: sensible; wise, or *sophronikos*: sober; temperate;

moderate, + suffix: of; relative to. Noted, the reasoning for the unflattering name, is because the first one found was very unremarkable and had nothing like the beauty of the famous *Sophronitis coccinea*.

sophronitis: listed as ex *sophronikos*: sober; temperate; moderate + suffix: of, etc. cf. *Maxillaria sophronitis*.

sophronitoides: see *sophronitis* + resembling. May have been likened to *Epidendrum sophronitis* (?). cf. *Epidendrum sophronitoides*.

sophro red: was in a discussion, without any explanation. A common term (for those who know), refs. to the lovely clear orange-red flowers of *Sophronitis coccinea*.

x *Sophrovola*: G.Hansen. On the syn. list, cf. *Brassavola* x *Sophronitis*.

sopoetanense: listed for place name: from Gunung (Mt.) Sopoetan, Sulawesi, Indon. cf. *Bulbophyllum sopoetanense* Schltr.1911.

sopoetanica: as *sopoetanense* (with different suffix: belonging to). cf. *Eria sopoetanica* Schltr.1911.

soraria: a contraction of *soror*: sister + see *-are*: like, etc. cf. *Erythrones soraria*.

soratae: of Sorata, a town of La Paz Department, Bolivia. cf. *Epidendrum soratae* Rchb.f.1878.

soratana: belonging to Sorata, see *soratae*. cf. *Pleurothallis soratana* Rchb.f.1881.

sordida: see *sordidus*: dirty; soiled. cf. *Microstylis sordida*. syn. *Malaxis xanthochila*.

sordidum: see *sordidus*. cf. *Bulbophyllum sordidum*.

sordidus: descwd., soiled; dirty.+ Can be: shabby; mean; poor. When used with colours, infers they are slightly suffused with grey, brown, yellow, etc. giving an unclean appearance. eg. From a description I noted, *albus sordidus*: a dull, dirty white.

soriense: from Sori (village), a little north of the Bismarck Range, PNG. cf. *Dendrobium soriense* Howcroft 1996. + Of interest, see *howcroftii*.

oronensis: for place name (+ from), only listed as ex German New Guinea (now, PNG.). cf. *Eria oronensis* Schltr. syn. *E. aporoides*.

sororcula: sister + dimin.: little sister. cf. *Pleurothallis sororcula*.

sororculum: as *sororcula*. cf. *Bulbophyllum sororculum*.

sororia: ref. *sororius*: of a sister. cf. *Pholidota sororia* Schltr. Noted it was compared it to *P. ventricosa* and it's listed that *P. sororia* is actually synonymous to *P. ventricosa*. Dr.Schlechter must have seen some difference, although by his own admission, he did work a lot by memory. See his book, *Die Orchidaceen von Deutsch Neu Guinea*. An absolute "must", if you're interested in New Guinea orchids.

sororium: ref. *sororius*: of a sister. cf. *Dendrobium sororium*.

sororius: of a sister. cf. *Gastrochilus sororius*.

sorrentini: refs. to Sorrentini, a town of Messina, nth.coast Sicily. cf. *Ophrys* x *sorrentini* Lojac.1909.

sotarae: of Sotará (village), Boyacá Department, Colombia. cf. *Pleurothallis sotarae* Schltr.1920. syn. *P. linguifera*.

Soteranthus: F.Lehm.ex Jenny 1986: ref. *soterios*: preserving; saving. Here, probably infers: lasting + ref. *anthos*: flower. Noted as monotypic and endemic to Colombia.

sotoana: listed for phytologist and author, Miguel Angel Soto Arenas (b1963) + belonging to. ex Chiapas state, Mexico, cf. *Maxillaria sotoana* Carnevali & Gómez-Juárez 2001.

souflikenis: for place name (+ from), only listed as ex Greece. cf. *Dactylorhiza x souflikenis* B. & E. Willing 1987.

souppensis: from Souppes (: Souppes-sur-Loing), a minor city of Île de France, nthn. France. cf. x *Orchigymnadenia souppensis* E.G. Camus. Listed among the synonyms, without date, location, or "correct name".

soutteriana: belonging to Soutter. Listed for orig. coll., W. Soutter ex Qld., Aust. cf. *Spathoglottis soutteriana* F.M. Bailey 1895. syn. *Spathoglottis paulinae*. See sketch and notes.

soutteri: as *soutteriana*. cf. *Phaius grandiflorus* var. *bernaysii* forma *soutteri* F.M. Bailey 1902. syn. *Phaius australis*.

sp. (sing.), spp. (pl.): common abbreviations for "species" seen often in listings and discussions (spp. = species plural). See species.

spadicea: of a spadix. cf. *Thelymitra spadicea*. Noted as endemic to Tas., Aust.

spadiciflora: as *spadiciflorum*. cf. *Osyricera spadiciflora*. syn. *Bulbophyllum spadiciflorum*.

spadiciflorum: see spadix + flower(ed). cf. *Bulbophyllum spadiciflorum*.

spadix: a spike of very small flowers with a fleshy axis, usually enclosed in a spathe.

spanantha: ref. *spanos*: scarce; sparse; rare. Also, can be: few; not many + flower(s). cf. *Spiranthes spanantha*. syn. *Sarcoglottis pauciflora* (: few + flowers).

spannageliana: listed for phytologist Candido Spannagel (+ belonging to). Descs. accr. to him are abbr. to: Spann. ex Brazil, cf. *Pleurothallis spannageliana* Hoehne 1920.

spannagelii: as *spannageliana*. Listed as ex Rio de Janeiro state, Brazil. cf. *Campylocentrum spannagelii* Hoehne 1938.

sparkesii: listed for orig. coll., J. Sparkes ex nth. Qld., Aust.. cf. *Cymbidium sparkesii* Rendle 1898. syn. *Cymbidium canaliculatum*. Pers. coll., common ex Darwin, NT., Aust.

sparrei: listed for botanist and author, Benkt Sparre (1918-1986). ex Ecuador, cf. *Cranichis sparrei* Garay 1978.

sparreorum as *sparrei* + belonging to. ex Ecuador, cf. *Erythroides sparreorum* Garay 1978.

sparsa: see *sparsus*. Ref. the spots on the labellum lateral lobes. cf. *Coelogyne sparsa*.

sparsiflora: see *sparsus* + flowers. cf. *Platanthera sparsiflora*.

sparsifolium: see *sparsus* + leaf. cf. *Bulbophyllum sparsifolium*. syn. *B. clandestinum*.

sparsus: descwd.; sprinkled; scattered; strewn; sparse; not uniformly distributed; few.

spatella: see spathe + dimin.. cf. *Dendrobium spatella*.

spath-, *spathi-*, *spatho-*: used in combwds., see spathe.

spathacea: see spathe + like. cf. *Habenaria spathacea*. syn. *H. trifida*.

spathaceum: spathe-like. cf. *Dendrobium spathaceum*. syn. *D. candidum*.

spathaceous: descwd.: having, or like a spathe. See spathe.

spathaceus: spathe-like. cf. *Aeranthus spathaceus*. syn. *Campylocentrum pachyrrhizum*.

spathata: like, or having a spathe, or spathae. cf. *Pleurothallis spathata*. syn. *P. loranthophylla*.

spathatum: as *spathata*. cf. *Epidendrum spathatum*. syn. *E. porphyreum*.

spathe (sing.), spathae (pl.): listed as orig. ex Gk, *spathe*: a broad flat blade of metal, or wood mostly used for stirring, paddling, or mixing. Can ref. to any organ, or part apically blunt and slightly rounded, broad and flat, then narrowing gradually to the base, likened to a flat spoon; spatula. Have even seen it described as resembling a two-edged broad sword. When used in combwds. (*spath-* etc.), mostly means: having the shape, or form of a spathe, eg. *spathilabium* (spathe + lip). In discussions a spathe can also be a relatively large bract, or pair of bracts, forming a sheath, often coloured, subtending a flower, flower cluster or other organ(s). + See *spathulate* and see sketch of *Spathoglottis* Blume (: spathe + tongue).

spathescens: see spathe + tending to; becoming. cf. *Aeranthus spathescens*.

spathibrachiatum: see spathe + see brachiate: arm-like. cf. *Pteroceras spathibrachiatum*.

spathibrachiatus: as *spathibrachiatum*. cf. *Sarcochilus spathibrachiatus*. syn. *Pteroceras spathibrachiatum*.

spathiform: like, or having the shape, or form of a spathe.

spathiformis: descwd., see spathe + form; shape. + Ref. English, *spathiform*.

Spathiger: Small 1913: see spathe + bearing. Noted as refs. to its spathe-like leaves and bracts. eg. *Spathiger rigidus*. syn. *Epidendrum rigidum*.

spathilabia: spathe + lip. cf. *Phreatia spathilabia*.

spathilabium: spathe + lip. cf. *Dendrobium spathilabium*.

spathilabris: spathe + lip. cf. *Appendicula spathilabris*.

spathilingue: spathe + tongue. cf. *Bulbophyllum spathilingue*.

spathilinguis: spathe + tongue. cf. *Anisopetala spathilinguis*. syn. *Dendrobium spathilingue*.

spathipetala: spathe + petals (or, see *-petalo-*: broad; wide ?). cf. *Oberonia spathipetala*.

spathipetalum: as *spathipetala*. cf. *Bulbophyllum spathipetalum*.

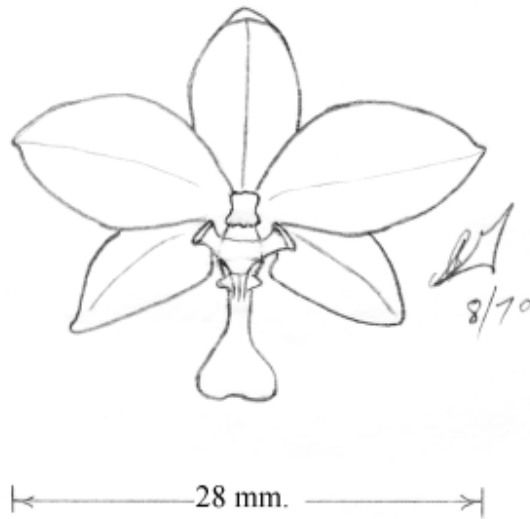
spathipetalus: as *spathipetala*. cf. *Sarcochilus spathipetalus*. syn. *Pteroceras fragrans*.

spathiphylla: see spathe + leaf. cf. *Habenaria spathiphylla*.

Spathium: Lindley. See spathe + suffix: dimin., or relative to (?). eg. *Spathium frederici-guilelmi* (info., see *friderici-guilielmi*). syn. *Epidendrum friderici-guilielmi*.

Spathoglottis: Blume 1825, see spathe + tongue. eg. *Spathoglottis paulinae*. Pers.coll., fairly common ex PM.PNG., see sketch and notes.

Spathoglottis Blume.



Found a population at Wariarata Bluff, PM.PNG., near a beautiful stream cFeb.'72. For many years on the advice of others, I called this *Spathoglottis papuana* F.M.Bailey, but whilst researching, noted Dr.Schlechter says *S. papuana* has "red" flowers, + other refs. say it can be pale pink, pink, and/or purplish. This one was an absolute "royal purple" (*ostrinus*, describes it perfectly) with each flower opening fully and lasting about ten days. The plant, with inflorescences, gives the appearance of being beautifully proportioned and overall, only about half the size of *S. paulinae*. With subsequent reading, am questioning if it could be a much darker form of *S. rivularis* (?).

A couple of other kinds can easily be found in the region, larger plants and both having pink flowers. One with fully open, long lasting flowers (common around the Sirinumu Dam area and is most likely *S. paulinae* F.Muell.?), and the other, unfortunately is self-pollinating and wilts quickly after opening slightly (fairly common, Sogeri Plateau area).

spathoglottoides: spathe + tongue + resembling, or *Spathoglottis* + resembling (?). Ref. the lip. cf. *Calanthe spathoglottoides*.

Spathopetalum: see spathe + petals, and/or see -petalo- = *Paphiopedilum* section.

spathosa: see spathe + see -osa: with many; like; has a prominent, or well-developed spathe, etc.(?). cf. *Pleurothallis spathosa*.

spathulata: see spathulate, spathe. cf. *Diuris spathulata*. syn. *D. aurea*. Noted as endemic to Aust.(Qld. and NSW.)

spathulate: see spathe + dimin. + like; having. Having, or like a small spathe. + See spatulate.

spathulatilabratum: see spathulate + lipped. cf. *Dendrobium spathulatilabratum*. syn. *Dendrobium habbemense*. Noted as endemic to PNG.

spathulatilabrum: spathulate + lip. Reported to be an error for *spathulatilabratum*. cf.

Dendrobium spathulatilabrum. syn. *D. habbemense*.

spathulatum: see spathulate, spathe. cf. *Bulbophyllum spathulatum*.

spathulatus: see spathulate, spathe. Ref. the sepals and petals being more or less spathulate. cf. *Sarcochilus spathulatus*. Noted as endemic to eastn. Aust.

spathulifera: small spathe + bearing. cf. *Oeceoclades spathulifera*.

spathuliferum: as *spathulifera*. cf. *Eulophidium spathuliferum*. syn. *Oeceoclades spathulifera*.

spathulifolia: spathe + dimin. + leaf. cf. *Pleurothallis spathulifolia*.

spathulifolium: small spathe + leaf. cf. *Bulbophyllum spathulifolium*. syn. *B. rutenbergianum*.

spathuliformis: small spathe + shape; form. cf. *Pleurothallis spathuliformis*.

spathuliglossa: small spathe + tongue. cf. *Trichosalpinx spathuliglossa*.

spathulipetala: small spathe + petals, or see -petalo(?). cf. *Pleurothallis spathulipetala*.

spathulipetalum: as *spathulipetala*. cf. *Epidendrum spathulipetalum*.

Spatulata: see spatulate.= *Dendrobium* section. Reported as replaces *Dendrobium* section *Ceratobium*.

spatulata: see spatulate. cf. *Robiquetia spatulata*.

spatulate: same as spathulate. All of my refs. say, spatulate = spathulate and vice versa.

spatulatum: see spathulate. cf. *Cleisostoma spatulatum*. syn. *Robiquetia pantherina*.

spatulifolia: small spathe + leaf. cf. *Habenaria spatulifolia*.

speciation: the process of a new species forming by natural evolution.

species: adapted ex *species*: a kind; form; model; sort; type, etc.. With orchids, is one of the lowest normally used category of classification (see rank). The word is both singular, or plural and the singular is not "specie" (in Eng., specie: coined money, esp. of gold, or silver), but *specie* is sometimes seen in a complete Latin discourse. Most authors abbreviate "species" to: sp. in the singular, and spp. for the plural (sp.+ p.).

specific epithet: I use the abbreviation, specep.: the second part of a generic name. A specep. is not a "name" as such, which is a noun, it is a descriptive adjective. Also known as the epithet, the word used, or combination of words (my abbr.: combwd.) is at the whim of the author. They often compliment the genus, indicate a feature, or simply use whatever they fancy. eg. An author may think the plant, or flowers, or both are unattractive and so use a word like, *invenustus*. But, of course "beauty is in the eye of the beholder".

specific name: noted the use of this phrase is incorrect and that you should use genus, generic name (or, species), or specific epithet, for whichever you're referring to.

speciosa: see *speciosus*. cf. *Caladenia speciosa*. Noted as endemic to West.Aust.

Speciosae: for those with close affinities to *Coelogyne speciosa*. = *Coelogyne* section.

speciosissima: see *speciosus* + emphasis: very, etc. cf. *Pleione speciosissima*. syn. *Coelogyne cristata*.

speciosissimum: as *speciosissima*. cf. *Dendrobium speciosissimum*. syn. *D. spectatissimum*.

speciosum: see *speciosus*. cf. *Dendrobium speciosum* J.E.Sm.1804. At any local orchid show, to walk into a room practically full of them, their glorious perfume can almost be

overpowering. With my plant, a nicely compact species, it's commonly called "the Sydney rock-lily" (because they enjoy growing in sandstone crevices) and are now extremely rare in the bush, from over-collecting. Every year it's a major battle to prevent slugs and snails from destroying the young racemes, but the reward is wonderful. In Queensland some are epiphytic and can grow to huge proportions.

speciosus: descwd., lit., fair to see. + Can be: beautiful; handsome; showy; splendid, etc.

speciosus: as *speciosus*. cf. *Lissochilus speciosus*. syn. *Eulophia speciosa*.

Specklinia: Lindley 1830. syn. *Pleurothallis*. Is listed to be for Veit Rudolf Speckle*, a brilliant wood-carver, noted as cutting the stencils for Prof. Leonard Fuch's *De Historia Stirpium* (: History of + *Stirpium*: a general, collective word for plants, shrubs and trees), published 1542. *Note: I haven't any other ref. to Mr. Speckle, but read up on Prof. Fuchs and he was also brilliant at cutting wooden stencils. The article inferred he did them himself, perhaps Mr. Speckle was an assistant (?), but there was no mention of him in the article. + See *fuchsii* (*Dactylorhiza fuchsii*).

spectabile: ref. *spectabilis*: worth looking at; admirable; notable; showy. cf. *Dendrobium spectabile*. Pers.coll., not uncommon ex PM.PNG. An old favourite, having large, spectacular and somewhat bizarre flowers. + See *Latourea*.

spectabilis: as *spectabile*. cf. *Caladenia x spectabilis* Hopper & A.P.Br.2001. Noted as endemic to West.Aust.

spectatissimum: ref. *spectatus*: esteemed; admirable, etc. + an emphasis: very, etc. cf. *Odontoglossum spectatissimum*.

spectrilinguis: see *spectrum* + tongue. cf. *Pleurothallis spectrilinguis*.

spectrum: vision; apparition; appearance. + Can be for a ghost; spectre, etc. cf. *Eriopsis spectrum*.

specula: lit., lookout; watchtower; observation post. Also see *speculum*: a mirror. cf. *Katherinea specula*.

Speculantha: D.L.Jones & M.A.Clem.2002: see *specula* + flower. syn. *Pterostylis* R.Br.

specularia: see *speculum*: mirror + having; like. cf. *Ophrys specularia*. syn. *O. exaltata* ssp.*arachnitiformis*.

speculifera: see *speculum*, *specula* (?) + bearing. cf. *Liparis speculifera*.

speculigerum: as *speculifera*. cf. *Dendrobium speculigerum*.

speculum: mirror, + see next entry. Ref. the glossy rose-red centre of the labellum. cf. *Corysanthes speculum*.

speculum: descwd., a mirror (or, likened to a mirror); a reflective surface. Seen in descriptions and discussions, for any extremely glossy organ, or part. The shiny labellum disc (or, lamina), is often called the *speculum*.

spagazziniana: listed for phytologist and author, Carlo Luigi Spagazzini (1858-1926) + belonging to. Descs. accr. to him are abbr. to: Speg. Listed as ex Brazil to Argentina, cf. *Maxillaria spagazziniana* Kraenzl.1908.

spagazzinianum: as *spagazziniana*. ex Misiones, Argentina, cf. *Oncidium spagazzinianum* (Kraenzl.) Schltr.1918.

spgazzinianus: as *spgazziniana*. cf. *Leochilus spgazzinianus* Kraenzl.1908. syn. *Oncidium spgazzinianum*.

spgidoglossum: see *sphegidoglossum*. cf. *Dendrobium spgidoglossum*.

Speiranthos: Hassk.1844, see *Spiranthes*. syn. *Spiranthes*.

spelynx: a cave; grotto; cavern. cf. *Lepanthes spelynx*.

spermatophyte: general term for plants that reproduce by the exchange of pollen (+ pollinia). Relative to us are those of the orchid family. + See phanerogam.

sphacelatum: see *sphacelatus*. cf. *Prasophyllum sphacelatum*. Noted as endemic to NSW. and Vic., Aust.

sphacelatus: has a complicated explanation concerning diseases. Ref. *sphakelos*: necrosis; a cellular bacterial infection, like gangrene, causing spotty blemishes and the death of limbs and extremities. Also listed as ref. *sphacelatus*: having (mostly, unhealthy-looking) brown, or very dark spots and dots. + Of interest, see chlorosis.

sphaer-, *sphaero-*: used in compwds., ref. *sphaira*: ball; globe; sphere. For any organ part, or group that could be likened to a sphere. Refs. to a sphere are not being precise, as the organ, or part has to be attached somehow, so it's not spherical, but is spheroid (see later entry). In English, a sphere: a completely round object, like a ball.

sphaeracron: sphere + at the top. The sepals terminate into small globular lumps. cf. *Bulbophyllum sphaeracron*.

Sphaeracron: see *sphaeracron*. = *Bulbophyllum* section.

sphaerantha: see *sphaer-*+ flower. cf. *Pleurothallis sphaerantha*.

sphaeranthum: see *sphaer-*+ flower. cf. *Satyrium sphaeranthum*.

sphaerica: see *sphaer-*+ see *-ica*: result of an action. Refs. to the spheroid "head" of flowers. cf. *Traunsteinera sphaerica*.

sphaericum: sphere + belonging to, or as *sphaerica* (?). cf. *Bulbophyllum sphaericum*.

sphaerobulbum: sphere + bulb. Refs. to a pseudobulb. cf. *Bulbophyllum sphaerobulbum*.

sphaerocarpa: sphere + fruit. Has a spheroid capsule. cf. *Phreatia sphaerocarpa*.

sphaerocarpum: as *sphaerocarpa*. cf. *Satyrium sphaerocarpum*.

sphaerocentron: sphere + spur. cf. *Peristylus sphaerocentron*. syn. *P. goodyeroides*.

sphaerocephala: see *sphaer-*+ ref. *kephale*: head. cf. *Ceratostylis sphaerocephala* Schltr. Noted as endemic to New Guinea.

sphaerocephalus: see *sphaer-*+ ref. *kephale*: head. cf. *Elleanthus sphaerocephalus*.

sphaeroceras: see *sphaer-*+ ref. *keras*: horn. cf. *Pomatocalpa sphaeroceras*. syn. *Pomatocalpa marsupiale*. Pers.coll., extremely common ex PM.PNG. and is a big disappointment, a large unattractive plant with pathetic flowers.

sphaerocheila: see *sphaer-*+ lip. cf. *Zeuxine sphaerocheila*.

sphaerochila: see *sphaer-*+ lip. cf. *Stelis sphaerochila*. syn. *Stelis humilis*.

sphaerochilos: see *sphaer-*+ lip. cf. *Limodorum sphaerochilos*. syn. *L. abortivum*.

sphaerocorys: see *sphaer-*+ ref. *korys*: bonnet; helmet; cap, etc. cf. *Pseudocentrum sphaerocorys*. syn. *P. sylvicolium*.

sphaeroglossa: see *sphaer-*+ tongue. cf. *Pleurothallis sphaeroglossa*.

sphaerolabium: see *sphaer*-+ lip. cf. *Limodorum sphaerolabium*. syn. *L. abortivum*.

sphaerophorum: see *sphaer*-+ bearing. cf. *Pomatocalpa sphaerophorum*.

sphaerostachyum: see *sphaer*-+ spike (inflo.). cf. *Epidendrum sphaerostachyum*.

sphaetophorum: haven't any ref. to *sphaeto*- and is probably an error for *sphaerophorum* (?).
Listed as *Pomatocalpa sphaetophorum*. See *sphaerophorum*.

sphagnicola: bog-moss (+ see sphagnum) + resident; dweller. cf. *Dactylorhiza sphagnicola*.
syn. *D. praetermissa*.

sphagnum (-moss): ref. *sphagnos*: bog-moss, also known as peat-moss. Belongs to the family: *Sphagnaceae*, of which there are noted to be over 350 species. A very useful ingredient in potting media, etc., but be wary, it retains a lot of moisture and can encourage growth of fungus and mold.

sphalm: literary term, often seen in listings, esp. with the synonyms. Listed as an anglicised ref. to *sphalma*: a mistake; error. + Ref. sphalmate: mistakenly.

spheg:- used in combwds. Listed as ref. *Sphex*: a genus of solitary wasps, of the family: *Sphecoidea*. + Ref. English, sphecoid. In a grammatical change the "x" (of *Sphex*) becomes a "g", same as *sphinx*, becomes *sphing*- and *syrinx* becomes, *syring*-, etc. Words beginning with *spheg*- allude there is some fanciful association to *Sphex* (the wasp). Having no education, or training in Latin, was pleased to work this out, as I would have had to omit many entries.

sphegidoglossum: see *spheg*-+ like + tongue. cf. *Dendrobium sphegidoglossum*.

sphegifera: see *spheg*-+ bearing. cf. *Ophrys sphegifera*.

sphegiferum: as *sphegifera*. cf. *Oncidium sphegiferum*.

sphegodes: see *spheg*-+ resembling. cf. *Ophrys sphegodes*.

sphen-, *spheno*:- used in compwds., ref. *sphen*, *sphenos*: a wedge: of a wedge; wedge-like; wedge-shaped. (+ Ref. English, sphenoid).

sphenochila: wedge + lip. cf. *Aeranthus sphenochila*. syn. *Acianthus cymbalariifolius*.

sphenochilum: wedge + lip. cf. *Dendrobium sphenochilum*.

sphenochilus: wedge + lip. cf. *Acianthus sphenochilus*. syn. *A. cymbalariifolius*.

sphenoglossum: wedge + tongue. cf. *Epidendrum sphenoglossum*.

sphenopetala: wedge + petals, or see *-petalo*:- broad; wide. cf. *Masdevallia sphenopetala*. syn. *M. corazonica*.

sphenophora: wedge + bearing. cf. *Cattleya sphenophora*. syn. *C. guttata*.

spheroid: an English adaption of *sphaira* (: sphere) + like, etc.: Almost, but not quite a sphere; not quite round. Of, or to do with a slightly imperfect, rounded solid.

sphing:- everything I read just said: "refer sphinx". My thinking was clouded by the famous Sphinx of Gizeh, Egypt, + the myth. monster: the Sphinx, of Thebes: "The Strangler" (if one couldn't answer her riddles). Ref. *sphingis*: sphinx, + ref. (entomology), sphingid: of any moth of a type which inc. the sphinx, sphinx-moth, or hawk-moth. Another ref. is to *sphingion*: a necklace; bracelet. Of interest, also see *spheg*-.

sphingoides: see *sphing*-+*-oides*, may be to do with a sphinx (moth), or a necklace; bracelet + resembling (?). ex Java, cf. *Malleola sphingoides* J.J.Sm.1914.

spHINGOPHILY: technical term for when a flower is pollinated by a moth, eg. a sphinx-moth. + Of interest, see *sphing-*, *sphingoides*.

Sphyrarhynchus: Mansf.1935: ref. *sphyra*: a hammer + see *rhynch-*: beak; snout, etc. Ref. the rostellum. eg. *Sphyrarhynchus schliebenii*. Noted as monotypic and endemic to Tanzania, Africa.

Sphyrastylis: Schltr.1920: hammer + see style (: column). ex Panama, eg. *Sphyrastylis cryptantha*. syn. *Ornithocephalus cryptanthus*.

sphyrnoides: haven't read about this one and really had to work on it. Ref. *Sphyrna* (which is possibly coined from *sphyra* + *-ina*): a genus of (hammerhead) sharks + like. Or, ref. *sphyra*: hammer + the *-n-*, is a contraction of *-ina*: hammer-like + *-oides*: resembling (probably refs. to the column, or lip). cf. *Chiloglottis sphyrnoides*.

spica: descwd. Listed as orig.: a spear, or can be: an ear of corn, or grain. In descriptions: a spike and mostly refs. to the raceme. + See "Inflorescences".

spicata: see spicate. cf. *Eria spicata*.

spicate: of, having, or like a spike; spiky; spiked; pointed. Not necessarily ref. to the raceme, eg. a plant, flower, organ or part can be termed "spicate". + See *spica*, spike.

spicatum: see spicate. cf. *Prasophyllum spicatum*. Noted as endemic to sthn. Aust.

spicatus: see spicate. cf. *Anoectochilus spicatus*. syn. *Pristiglottis spicata*.

spiceriana: as *spicerianum*. cf. *Cordula spiceriana* (Rchb.f.) Rolfe 1912. syn. *Paphiopedilum spicerianum*.

spicerianum: listed for noted grower, Herbert Spicer (+ belonging to), first to flower it. ex Assam, India, cf. *Paphiopedilum spicerianum* (Rchb.f.) Pfitzer 1888.

spicerovenustum: listed as a cross, the specep. is taken from the parents: *Paphiopedilum spicerianum* x *P. venustum*. ex Assam, India, cf. *Paphiopedilum* x *spicerovenustum* Pradhan 1979.

spicula: descwd., ref. *spicula* (: *spica* + dimin.): small spike. + See spiculate.

Spiculaea: Lindley 1840: (those) with small spikes. eg. *Spiculaea ciliata*. Noted as monotypic and endemic to West.Aust.

spiculaea: as *Spiculaea*. cf. *Aphyllorchis spiculaea*.

spiculata: see *spiculatus*, spiculate. cf. *Aerangis spiculata*.

spiculate: same as spicate, with the added dimin.: small.

spiculatum: as *spiculatus*. cf. *Leptocentrum spiculatum*. syn. *Aerangis spiculata*.

spiculatus: descwd.. Can be the same as spicate with an added dimin.: small. Also is seen in descriptions: spikes + dimin. + having. Usually refs. to a surface condition: covered with fine spike-like points (most often: papillae, or small, short, spiky bristles).

spiculatus: as last entry. cf. *Plectrelminthus spiculatus*. syn. *Aerangis spiculata*.

spiculifera: small spikes + bearing. Has two spike-like projections, at the anther area. cf. *Pleurothallis spiculifera*.

spike: as in Eng.: a spike. Can often ref. to a type of raceme (see Inflorescences), or simply, as a pointed appendage, or projection likened to a spike. + See spicate.

spil-, *spilo-*: used in combwds., ref. *spilos*: speck; spot; dot. + Can be for a blemish; soiled; stained (with a small stain, or blotch). + Ref. *spilotos*: much dotted, etc.

spilantha: speckled + flower. cf. *Pleurothallis spilantha*. syn. *Myoxanthus spilanthus*.

spilanthus: as *spilantha*. cf. *Myoxanthus spilanthus*.

spiloporphyreus: see *spil-* + see *porphyreus*: speckled, spotted, or blotched with purple. cf. *Pleurothallis spiloporphyreus*.

spilopterum: see *spil-* + wing. cf. *Oncidium spilopterum*.

spilotantha: see *spil-*. Ref. *spilotos*: much dotted + flower. cf. *Maxillaria spilotantha*.

spilotanthum: as *spilotantha*. cf. *Odontoglossum spilotanthum*. syn. *Cyrtorchilum angustatum*.

spilotum: ref. *spilotos*: much dotted; speckled. cf. *Epidendrum spilotum*.

spinescens: see *spinescent*. cf. *Epidendrum spinescens*.

spinescent: becoming spiny; tending to have spines; having small spike-like, or prickly projections. + Can be: terminating in a spiny, or spike-like point.

spinosum: full of spines; with many spines (like prickles). cf. *Catasetum spinosum*. syn. *Catasetum barbatum*.

spinosus: as *spinosum*. cf. *Myoxanthus spinosus*. syn. *Catasetum barbatum*.

spinula: descwd., ref. *spinula* (: spine + dimin.): small spine; spike; prickle, etc.

spinulipes: small spine + foot. cf. *Bulbophyllum spinulipes*. syn. *B. obtusipetalum*.

spira-: used in combwds., ref. *speira*: coil; spiral; twist.

spirale: of a spiral; coil. cf. *Satyrium spirale*. syn. *Benthamia spiralis*.

spiralipetala: coiled (+ see *spira-*, *spiralis*) + petals. cf. *Microstylis spiralipetala*. syn. *M. excavata*.

spiralis: see *spira-* + suffix: of; like; relative to. Ref. the twisted-leaf. cf. *Thelymitra spiralis*.
Noted as endemic to West.Aust.

spiraloidea: spiral, or coiled + like. cf. *Habenaria spiraloidea*.

Spirantheae: see *Spiranthes* + suffix denotes it's a tribe.

spiranthes: see *spira-* + flower. cf. *Habenaria spiranthes*. syn. *H. filicornis*.

Spiranthes: Rich.1817: see *spira-* + flower(s). The flowers are arranged in a spiral around the axis. eg. *Spiranthes sinensis*. One species (pers.coll.), was quite common in PM.PNG., had whitish flowers and grew well in a pot. + Of interest, see "distribution".

spiranthiiforme: as *spiranthiiformis*. cf. *Herminium spiranthiiforme*. syn. *Peristylus alaschanicus*.

spiranthiiformis: see *spira-* + flower + shape; form. Or, was likened to a *Spiranthes* (?). cf. *Habenaria spiranthiiformis*. syn. *Peristylus alaschanicus*.

Spiranthinae: *Spiranthes* + suffix denotes it's a subtribe.

Spiranthoideae: *Spiranthes* + like + suffix: denotes it's a tribe.

spiranthoides: coil; spiral + flowers + resembling, or likened to *Spiranthes* (?). cf. *Pelexia spiranthoides*. syn. *Pelexia adnata*.

spiranthophylla: see *Spiranthes* + leaf. cf. *Prescottia spiranthophylla*.

Spiranthos: St.Lager 1880, see *Spiranthes*. syn. *Spiranthes* Rich.

spirata: coiled; coil + like; having. cf. *Lyroglossa spirata*. syn. *L. grisebachii*.

spiridonovii: of Spiridonov. Listed as ex Bulgaria, may be for a person's name (+ of), but also noted quite a few places in this region that sound like it. + Ref. Spiridonov, a town of Odessa (Odesa Oblast region), in (nearby) sthn Ukraine (?). cf. *Epipactis spiridonovii* Devillers-Tersch.& Devillers 1995.

spiritu-sanctensis: Lat'd. spelling: from Espirito Santo. May be for the state, or the city (now: Vila Velha), Brazil. cf. *Barbosella spiritu-sanctensis* (Pabst) F.Barros & Toscano.

spissum: ref. *spissus*: thick; dense; crowded. Ref. the pseudobulbs. cf. *Bulbophyllum spissum*.

spithamaea: refs to *spithame*, *spithama*: span. Because this specep. is a synonym, there wasn't any info. given. Can't determine exactly what is meant, but first to mind is the old measurement: (of a man's outspread hand) from the tip of the thumb to the tip of the little finger, accepted as 9" (23cms.). cf. *Habenaria spithamaea*. syn. *H. entomantha*.

spitzelii: of Spitzel. Listed for orig. coll., Bavarian botanist A.von Spitzel (1807-1853). From the Prov. of Salzburg, Austria c1836, cf. *Orchis spitzelii* Saut.ex W.Koch 1837.

spitzii: listed for Brazilian naturalist S.Spitz (+ of). ex Goiás state, Brazil cf. *Catasetum spitzii* Hoehne 1941.

splendens: glittering; shining; bright. cf. *Caladenia splendens*. Noted as endemic to West.Aust.

splendentior: one who is illustrious; more brilliant, or shinier. cf. *Habenaria splendentior*.

splendentius: more illustrious; more brilliant, etc. cf. *Kryptostoma splendentius*. syn. *Habenaria splendentior*.

splendida: ref. *splendidus*: bright; brilliant; shining. cf. *Aerangis splendida*.

splendidissima: as *splendida* + very. cf. *Eurystyles splendidissima*.

splendidissimum: see *splendida* + emphasis: very, etc. cf. *Dendrobium x splendidissimum* Rchb.f.1879. Listed among the synonyms, with no further info.

splendidum: as *splendida*. cf. *Trichocentrum splendidum*.

splitgerberi: listed for phytologist Frederik Louis Splitgerber (1801-1845). Descs. accr. to him are abbr. to: Splitg. ex Brazil, cf. *Dichaea splitgerberi* Rchb.f.1859.

sp.nov.: an abbr. for *species novus*: new species. Seen in listings and denotes it's a newly published species.

spondiacea: ref. *spondulus*: a spinal joint; vertebra, or (more likely) ref. *sponda*: a bed; couch +-acea: like, etc.(for the stigma, or clinandrium?). cf. *Encyclia spondiacea*.

spondiada: may be ref. *spondias*: a kind of plum-tree + like (to do with the colour of a plum?). + Ref. *Spondiadeae*: a tribe of mostly trees and shrubs (+ some lianas) of the sumac family, *Anacardiaceae*. Perhaps the author saw some superficial likeness (?). cf. *Prosthechea spondiada* (Rchb.f.) W.E.Higgins 1998.

spondiadum: as *spondiada*. cf. *Epidendrum spondiadum*. syn. *Prosthechea spondiada*.

Spongiola: J.J.Wood & A.L.Lamb 1994: ref. *spongia* + dimin.: a small sponge. Listed as monotypic and endemic to Borneo, cf. *Spongiola lohokii*.

spongiola: small sponge. Alluding to the labellum and petals. cf. *Bulbophyllum spongiola*.

spores: ref. *spora*: a sowing; a seed. Listed as minute, (mostly) one celled, simple to very complex, specialised structures. They are the initial factor in the reproduction cycle of many lower plants as: ferns, mosses, fungi, algae, etc., that do not have flowers, or seed (not orchids). See next entry. + See cryptogam, etc.

sporophyte: is derived from *spora*: a seed; a sowing + ref. *phyton*: plant. A collective word for many plants that produce spores, which includes ferns, mosses, fungi, algae, etc.

sport: a common term: a freak; oddity. A variation from normal and usually only a single occurrence. Having an abnormality, or illogical deformity.

spruceanum: belonging to Spruce. For botanist and author, Richard Spruce (1817-1893). ex Peru, cf. *Epidendrum spruceanum* Lindley 1853.

spruceanus: as *spruceanum*. ex Peru, cf. *Elleanthus spruceanus* Cogn.1902.

sprucei: of Spruce, see *spruceanum*. ex Brazil, cf. *Habenaria sprucei* Cogn.1893.

spruneri: listed for Bavarian botanist, Wilhelm von Spruner (1805-1874). ex Sicily to Israel, cf. *Ophrys spruneri* Nyman 1855.

spur: usually refs. to an extension to the labellum and often likened to a horn. Sometimes contains a nectar-like fluid, when the spur is hollow. Can be of many shapes and sizes, from remarkably long and slender to a blister-like lump. Any organ, part, or a group can be likened to a spur and sometimes a spur can be formed by an extended mentum (see "M"). + See *calcar*: spur, calcarate: spurred, etc.

spuria: see *spurius*. cf. *Dendrochilum spuria*.

Spuricianthus: Szlach.& Marg.2001: spurious; false, etc. + flower. cf. *Spuricianthus atepalus*. syn. *Acianthus atepalus*. No wonder it's called "false", see *atepalus*.

spurium: see *spurius*. cf. *Dendrobium spurium*.

spurius: false; bogus; not genuine, etc. cf. *Sarcochilus spurius*. syn. *Dendrobium spurium*.
Of interest, *spurius* also lit.trans.: illegitimate child; bastard.

squalens: dirtying; being dirty, soiled, etc., + see *squalidus*. cf. *Xylobium squalens*. syn. *Xylobium variegatum*.

squalida: see *squalidus*. cf. *Anguloa squalida*. syn. *Lycomormium squalidum*.

squalidum: see *squalidus*. cf. *Lycomormium squalidum*.

squalidus: descwd., ex *squalere*: to be stiff, as with grime, etc. + Can be: dirty; grimy; squalid; neglected; filthy.

squam-, *squama-*, *squami-*: used in combwds., ref. *squama*: scale. Anything to do with scale.

squamata: scale + suffix: like or, having; scaly. cf. *Pterostylis squamata*. Noted as endemic to Tas., Aust.

Squamatae: (those) with scales; scaly.= *Pterostylis* section.

squamatum: as *squamata*. cf. *Dipodium squamatum*.

squamatus: see *squamata*. cf. *Peristylus squamatus*. syn. *Holothrix squamata*.

squamellosa: see squamose with an added dimin. (: small). cf. *Epipactis squamellosa*. syn. *E. helleborine*.

squamifera: scale + bearing. cf. *Amblyanthe squamifera*. syn. *Dendrobium melanostictum*.

squamiferum: scale + bearing. cf. *Bulbophyllum squamiferum*. syn. *B. chloranthum*.
squamipes: scale + foot. cf. *Yoania squamipes*. syn. *Y. japonica*.
squamosa: as squamose. cf. *Cynorkis squamosa*.
squamose: ref. *squamosus*: covered with scales; full of scales; with many scales; scaly.
squamosus: descwd., seen in descriptions, see squamose.
squamulosa: see squamose, ref. *squamosus*, with an added dimin.: with many small, or fine scales, etc. cf. *Glomera squamulosa*.
squamulosum: as *squamulosa*. cf. *Saccolabium squamulosum*. syn. *Robiquetia gracilistipes*. Pers.coll., common ex PM.PNG.
squamulosus: as *squamulosa*. cf. *Stenorrhynchus squamulosus*.
squarrosa: see squarrose. cf. *Dichaea squarrosa*.
squarrose: for a surface condition: very rough and scurfy. Having many small, stiff, fairly upright scale-like projections.
squarrosus: as squarrose. cf. *Thrixspermum squarrosus*.
srilankensis: from Sri Lanka. cf. *Bromheadia srilankensis* Kruij & de Vogel 1997.
ssp.: a common abbreviation: subspecies. + Often, other authors use subsp.
stabiana: listed as: belonging to Stabiae, a city which was destroyed when Mt.Vesuvius erupted AD79, Campania Region, sthn. Italy. An oblique ref. to where it was found. cf. *Orchis stabiana* Ten. syn. *O. mascula*.
stabile: ref. *stabilis*: fixed; firm; stable; firmly established. cf. *Bulbophyllum stabile*.
stabilis: as *stabile*. cf. *Haplochilus stabilis*. syn. *Bulbophyllum stabile*.
stachy-, *-stachya*, *stachyo-*, *-stachys*, *-stachyum*, *-stachyus*: used in combwds. Listed as borrowed from *stachys*: an ear of corn, or grain and mostly refs. to a **spike**: a type of inflorescence, see Inflorescences + see *spica*. Also can infer: a bunch; cluster, etc.
Stachyanthus: Blume. See *stachy*+ flower. Noted as nom. illeg. syn. *Bulbophyllum Thouars*.
stachybium: see *stachy*+ two; paired; double + of, or relative to. cf. *Maxillaria stachybium*. syn. *Xylobium foveatum*.
stachyobium: as *stachybium*. cf. *Xylobium stachyobium*. syn. *Xylobium foveatum*.
Stachyobium: Rchb.f.1869: spike + suffix: feature, or characteristic of. Refs. to the upright lateral sepals. syn. *Dendrobium* Sw.
Stachyobium: as last entry.= *Dendrobium* section. syn. *Dendrobium* section *Spatulata*.
stachyodes: see *stachy*+ resembling. cf. *Prescottia stachyodes*.
stachyoides: see *stachy*+ resembling. cf. *Disa stachyoides*.
stachyurus: see *stachy*+ see *-ura*: tail, or the action, which could then make the word: bunched; formed into a bunch. Or, the raceme (*stachy*:- spike), looked like a tail (?). cf. *Eria stachyurus*. syn. *Phreatia densiflora*.
stalactites: ref. *stalaktos*: a dripping; dropping + like; of; etc. The authors may have intended this to be in the English sense, alluding to some organ, part or a group being pendent, like a stalactite (?). cf. *Lepanthes stalactites* Luer & Hirtz 1987.
stalis: stake. Often used in combwds., alluding to any organ, or part that could be likened to an upright stake. Have mostly seen it ref. to the column.

stamen (sing.), stamina (pl.): A male reproductive organ, separate to the female organs and usually a fine stalk, bearing a knob of pollen at the end. Mostly associated with other flora, but some orchids do have a stamen, or stamina. + See staminodium.

stamfordianum: listed for noted grower, the Earl of Stamford (+ belonging to) of Staffordshire, Eng. ex Mexico, cf. *Epidendrum stamfordianum* Bateman.1839.

staminodiata: stamen, (or stamina) + see staminodium + like; having. cf. *Habenaria staminodiata*. syn. *Peristylus staminodiatius*.

staminodiatius: as *staminodiata*. cf. *Peristylus staminodiatius*.

staminodiifera: stamen, or stamina + see staminodium + see *fer-*: bearing. cf. *Habenaria staminodiifera*. syn. *Peristylus staminodiatius*.

staminodium (or, commonly: staminode): likened to a stamen. In most *Cypripedioideae*, the androecium (male reproductive area, apex of the column) is extremely modified and has a relatively large structure: the staminodium. Behind it are two functional stamens (: stamina), or anthers, which do not have "pollen", but have regular pollinia.

Stamnorchis: D.L.Jones & M.A.Clem.2002: ref. *stamnos*: earthenware jar, or bottle + see -*orchis*. syn. *Pterostylis* R.Br.

standard: an ensign; flag; banner. A common term, often seen ref. to the median sepal, esp. with *Cypripedilinae*.

standleyi: of Standley. For Paul Carpenter Standley (1884-1963), phytologist, author, collector and authority, esp. with the flora of Guatemala. During 1938-'42, he and a colleague, J.A.Steyermark (see *steyermarkii*) did extensive field work in the region. Earlier, ex Costa Rica, cf. *Stelis standleyi* Ames 1925.

stangeana: listed for F.Stange, a valued employee of Count von Schiller (see *schilleranum*). ex India, cf. *Vanda stangeana* Rchb.f.1858.

stangeanum: as *stangeana*. ex Guatemala to Panama, cf. *Epidendrum stangeanum* Rchb.f.1881.

x *Stangora*: auct. On the syn. list, cf. *Gongora* x *Stanhopea*.

x *Stanhocynis*: auct. On the syn. list, cf. *Polycynis* x *Stanhopea*.

Stanhopea: Frost 1829. Listed for the Rt.Hon.Philip Henry, 4th Earl Stanhope, FRS.(1791-1855). ex Panama, eg., *Stanhopea avicula*.

stanhopeanum: see *Stanhopea* (+ suffix: belonging to). ex Colombia, cf. *Epidendrum stanhopeanum* Kraenzl.1897.

Stanhopeastrum: Rchb.f.1852, see *Stanhopea* + see -*astra*: a smaller, or lesser kind. syn. *Stanhopea* Frost.

stanhopeifolium: see *Stanhopea* + leaf. cf. *Xylobium stanhopeifolium*.

Stanhopeinae: *Stanhopea* + suffix denotes it's a subtribe.

Stanhopeiae: *Stanhopea* + suffix denotes it's a tribe.

stapedia: of a stirrup, or stirrups. cf. *Stelis stapedia*. Trivium: whilst looking this up, noted a word I've never heard of, ref. *stapediform*: stirrup-like, or shaped.

stapeliaeflora: alluding to *Stapelia*: African plants (not orchids) of the milkweed family: *Asclepiadaceae*, having strangely mottled flowers and a foetid aroma + *flora*: flower. cf. *Houlletia stapeliaeflora*.

stapeliiflora: as *stapeliiflorum*. cf. *Grammangis stapeliiflora*. syn. *Grammatophyllum stapeliiflorum*.

stapeliiflorum: as *stapeliaeflora*. Ref. the marks, spots and blotches (no perfume). cf. *Grammatophyllum stapeliiflorum*.

stapeliflorum: see *stapeliiflorum* and *stapeliaeflora*. cf. *Cymbidium stapeliflorum*.

stapeliiflora: see *stapeliaeflora*. Ref. flower markings (no perfume). cf. *Grammangis stapeliiflora*.

stapelioides: *Stapelia* + resembling, see *stapeliaeflora*. Ref. flower markings (no perfume). ex Brazil, cf. *Promenaea stapelioides*.

stapfii: listed for botanist and author, Otto Stapf (1857-1933). ex the Philipp., cf. *Gastrodia stapfii* Hayata 1911. syn. *G. javanica*.

stasis: refs. to the evolution of the column, all the sexual organs being fused into the one unit. + Can be: a standing; position, eg. in a discussion: "...the stasis of this species...".

statteriana: as *statterianum*. cf. *Cattleya* x *statteriana* L.Linden 1894 (syn.).

statterianum: listed for noted grower, T.Statter (+ belonging to) of Manchester, Eng. ex New Guinea and nthn. Aust., cf. *Dendrobium phalaenopsis* var. *statterianum* Hort.ex Sander 1892. syn. *Dendrobium bigibbum*.

staur-, *stauro-*: ref. *stauros*: a cross; erect stake. Used in combwds., mostly: having, or like a cross; cross-shaped. (Usually like a "Latin" type cross.)

staurastrum: a cross (shape) + a smaller, or lesser kind. cf. *Odontoglossum* x *staurastrum* Rchb.f.1887. syn. *O. x stellimicans*.

Stauritis: Rchb.f.1862: a cross + like, etc. Labellum + lobes form a cross (shape). eg. *Stauritis violacea*. syn. *Phalaenopsis violacea*.

Staurochilus: Ridl.1896: see *staur-*: cross + lip. ex the Philipp., eg. *Staurochilus ionosmus*.

stauroglossa: cross + tongue. cf. *Habenaria stauroglossa*. syn. *Habenaria rumphii*.

Stauroglottis: Schauer 1843: cross + tongue. eg. *Stauroglottis equestris*. syn. *Phalaenopsis equestris*.

stauroglottis: cross + tongue. cf. *Phalaenopsis stauroglottis*. syn. *P. equestris*.

Stauropsis: Rchb.f.1860: cross + appearance. syn. *Trichoglottis* Blume.

stavachilus: listed as ref. *staphis*: a dried grape + lip. cf. *Armadorum stavachilus*.

x *Stearnara*: J.M.H.Shaw: of Stearn. May be for a different person, but my only ref. is to Prof. William T. Stearn who wrote "Botanical Latin" (see the bibliography). [Absolutely invaluable to me and I've almost worn out my copy]. On the syn. list, the result of *Ascocentrum* x *Paraphalaenopsis* x *Renanthera* x *Vanda*.

steatoglossa: as *steatoglossum*. cf. *Cannaeorchis steatoglossa*. syn. *Dendrobium steatoglossum*.

steatoglossum: ref. *steatos*: suet (: fat) + tongue. cf. *Dendrobium steatoglossum*.

steelei: listed for orig.coll., Matthew Steele. ex Sth.America, cf. *Scuticaria steelei* (Hook.) Lindley 1843.

steenisi: of Steenis. For phytologist and author, Cornelis Gijsbert Gerrit Jan van Steenis (1901-1986). ex Sumatra, cf. *Ceratostylis steenisii* J.J.Sm.1943.

stefanae: listed for noted Brazilian grower and authority (+ of), Stefana Solacolu. ex Brazil, cf. *Bifrenaria stefanae* V.P.Castro 1991.

steffensiana: listed for orig.coll. M.Steffens (+ belonging to), ex New Guinea, cf. *Appendicula steffensiana* (Schltr.) J.J.Sm.1909.

steffensianum: as *steffensiana*. ex New Guinea, cf. *Podochilus steffensianum* Schltr.1905. syn. *Appendicula steffensiana*.

steffensianus: as *steffensiana*. ex New Guinea, cf. *Podochilus steffensianus* Schltr. syn. *Appendicula steffensiana*.

steffensii: as *steffensiana*. ex Sulawesi, cf. *Bulbophyllum steffensii* Schltr.1925.

steganopus: ref. *steganos*: sheathed; enclosed; covered + foot. cf. *Stelis steganopus*.

stegasaurum: ref. *stege*: roof; cover + ref. *sauros*: reptile; lizard, or see *stegastes* + ref. *aurum*: gold (?). Listed as ex Peru, cf. *Cyrtochilum stegasaurum* D.E.Benn. & Christenson 2001.

stegastes: ref. *stegastos*: sheathed; covered; enclosed. cf. *Lepanthes stegastes*.

Stegostyla: D.L.Jones & M.A.Clem.: ref. *stege*: roof; cover + see style (: column). Ref. the hooded median sepal (arches over the column). syn. *Caladenia* R.Br.

steigeri: listed for orig.coll., Theodore L.Steiger ex New Hampshire, USA.. cf. *Spiranthes steigeri* Correll 1941. syn. *S. ochroleuca*.

steinii: listed for botanist and author, Berthold Stein (1847-1899). ex New Guinea, cf. *Dendrobium steinii* J.J.Sm.1934.

Stelbophyllum: D.L.Jones & M.A.Clem.: possibly a contraction of *stele* (next entry + see *stelidia*) + *Bulbophyllum*. syn. *Bulbophyllum* Thouars.

stele: used in compwds., ref. *stele*: a base; stand; pillar; column. Can be for any upright organ, or part likened to the shape and often refs. to the column.

Steleocorys: see *stele* + helmet. = *Corybas* section.

stelidantha: see *stele*: pillar; column + like + flower, or see *stelidia* + flower (?). There wasn't any clue to the reason, but with this specp. and the line drawing I got the impression it's a fanciful allusion to the plant in flower. ie.: "the flowers are on top of a pillar" (the stem being "the pillar"). cf. *Lepanthes stelidantha*.

stelidia: also commonly: *stelids*. Ref. *stele*: pillar; column + suffix: of, etc. *Stelidia* are small projections; apical column wings that extend like small horns, or teeth, esp. with (but not restricted to) *Bulbophyllinae*. Also known as *stylids*, *stylidia*.

stelidifera: *stelidia* + bearing. cf. *Goodyera stelidifera*.

stelidiformis: pillar, or column + like + shape; form, or see *stelidia* + form. cf. *Pleurothallis stelidiformis*. syn. *P. dentipetala*.

stelidiifera: *stelidia* + bearing. cf. *Ceraia stelidiifera*. syn. *Dendrobium stelidiiferum*.

stelidiiferum: *stelidia* + bearing. cf. *Dendrobium stelidiiferum*.

stelidilabia: pillar + like + lip, see *stelidia*, or see *Stelis* + like + lip (?). cf. *Lepanthes stelidilabia*.

stelidioides pillar-like, or see *stelidia* (?) + resembling . cf. *Pleurothallis stelidioides*. syn. *P. magdalenae*.

stelidiopsis: pillar-like, or see *stelidia* + appearance. cf. *Pleurothallis stelidiopsis*.
stelidipetala: see *stelidia*, or see *stela* + like + petals (?). cf. *Lepanthes stelidipetala*.
stelidostachya: pillar + like + see *stachy-*: spike. cf. *Orestias stelidostachya*.
Steliopsis: Brieger 1976: *Stelis* + appearance. syn. *Stelis* Sw.
Steliopsis: as last entry.= *Stelis* section *Steliopsis*. syn. *Stelis* section *Humboldtia*.
Stelis: Sw.1799, nom.cons. Ref. *stelis*: a mistletoe. For some superficial likeness. ex Peru,
 eg. *Stelis acutiflora*.
stelis: as *Stelis*: a mistletoe (?), or see *stela*. cf. *Bulbophyllum stelis*.
stella: a star. cf. *Taeniophyllum stella*.
stella-africae: star + of Africa. cf. *Angraecum stella-africae* P.J.Cribb 1983.
stellare: as *stellaris*. cf. *Brachionidium stellare*.
stellaris: of a star; starry. cf. *Coelogyne stellaris*. syn. *C. rochussenii*.
stella-silvae: star + of the forest. ex the Philipp., cf. *Epigeneium stella-silvae*.
stellata: star-like, + see *stellate*. cf. *Thelymitra stellata*. Noted as endemic to West.Aust.
Stellata: see *stellate*.= *Eria* section.
stellate: ref. *stella*: a star + suffix: star-like. Having organs, or parts arranged as radiating
 from a central point, like the pattern formed by the beams of the light from a star.
 Likened to an asterisk: *.
stellatum: see *stellate*. cf. *Tuberolabium stellatum*. Noted as endemic to nth. Qld., Aust.
stellatus: see *stellate*. cf. *Sarcochilus stellatus*.
stellidiforme: star + see *difforme*: from + shape, etc. cf. *Epidendrum stellidiforme*.
stellifera: star + bearing. cf. *Epipactis stellifera*.
stelliferum: star + bearing. cf. *Diplocaulobium stelliferum*.
stelligera: star(s) + bearing. Has star-shaped flowers (likened to a five pointed star). cf.
 Angraecum stelligera.
stelligerum: star + bearing. cf. *Oncidium stelligerum*.
Stellilabium: Schltr.1914: star + lip. Has a hairy stellate pattern on the lip. ex Ecuador to
 Peru, eg. *Stellilabium astroglossum* (note, *astroglossum* also: star + tongue).
stellimicans: star + shining. cf. *Odontoglossum* x *stellimicans* Rchb.f.1884.
Stellorkis: Thouars 1809: star + orchid. Reported as alluding to a flower. syn. *Nervilia*.
stellula: small star. cf. *Bulbophyllum stellula*.
stelzneriana: listed for a Mr.Stelzner, a valued employee of M.Louis van Houtte (see
 houtteana), noted grower of Ghent, Belgium. cf. *Laelia elegans* var. *stelzneriana*
 Rchb.f.1860. Took this info. from a book, but there isn't any official listing.
stem: there isn't any functional difference between a stem and a pseudobulb. They both
 store and provide nutrients to the rest of the plant and carry the other major
 organs viz., leaves, flowers, new growths, etc. However "stem" is used mostly
 where it is not swollen, or in any way could it be alluded to resemble a bulb (:
 pseudobulb). eg. many *Dendrobium*, *Vanda*, *Renanthera*, *Vandopsis*, etc., where the
 major portion of the plant is elongated and more or less straight, like a cane, or
 stick. Other "stems" are usually ref. to by their correct names, eg. the "stem" of a
 leaf: a petiole, etc.
-stemma, *-stemma*: used in compwds., ref. *stemma*: a garland; wreath; crown.

sten-, *steno-*: used in combwds., ref. *stenos*: narrow.
stenantha: narrow + flower. cf. *Platanthera stenantha*.
stenanthera: narrow + see anther. cf. *Orchis stenanthera*. syn. *Platanthera bifolia*.
stenanthum: narrow + flower. cf. *Campylocentrum stenanthum*. syn. *C. micranthum*.
Stenia: Lindley 1837: ref. *stenos*: narrow + of. Reported to ref. to the pollinia. ex Trinidad to mainland Sth. America, eg. *Stenia pallida*.
x *Steniella*: auct. On the syn. list, cf. *Chaubardiella* x *Stenia*.
stenioides: narrow + resembling, or like a *Stenia* (? probably the latter as it was initially desc. as *Chondrorhyncha stenioides*). cf. *Stenia stenioides*.
stenkyrkae: for place name: of Stenkyrka, a town of n.west Gotland (see *gotlandica*), off east coast Sweden. cf. *Dactylorhiza* x *stenkyrkae* Hautz.1976.
stenobulba: narrow + bulb. cf. *Eria stenobulba*.
stenobulbon: narrow + bulb. cf. *Bulbophyllum stenobulbon*.
stenobulbum: narrow + bulb. cf. *Coelogyne stenobulbum*.
stenocardium: narrow + heart. cf. *Pleurothallis stenocardium*.
Stenocarpa: narrow + fruit (capsule). = *Disa* section.
stenocentron: narrow + spur. cf. *Glomera stenocentron*.
stenocentrum: narrow + spur. cf. *Cadetia stenocentrum*.
stenoceras: narrow + horn. cf. *Habenaria stenoceras*.
stenocheilum: narrow + lip. cf. *Dipodium stenocheilum*.
stenochila: narrow + lip. cf. *Pterostylis stenochila*. Noted as endemic to Tas., Aust.
stenochilos: narrow + lip. cf. *Oligochaetochilus stenochilos*. syn. *Pterostylis stenochila*.
stenochilum: narrow + lip. cf. *Dipodium stenochilum*. Noted as endemic to n.west Aust.
stenochilus: narrow + lip. cf. *Scelochilus stenochilus*.
Stenochilus: narrow + lip. = *Bulbophyllum* section.
Stenocoryne: Lindley 1843: narrow + club. Ref. the spur. syn. *Bifrenaria* Lindl.
Stenocoryne: as last entry. = *Bifrenaria* section.
stenodactylon: narrow + digit; finger. cf. *Cynoches stenodactylon*.
stenodon: narrow + tooth. cf. *Peristylis stenodon*.
stenoglossa: narrow + tongue. cf. *Miltonioides stenoglossa*.
Stenoglosseae: *Stenoglossum* + suffix denotes it's a tribe.
Stenoglossum: Kunth 1816: narrow + tongue. syn. *Epidendrum* L.
stenoglossum: narrow + tongue. cf. *Catasetum stenoglossum*.
stenoglossus: narrow + tongue. cf. *Cyclopogon stenoglossus*.
Stenoglottis: Lindley 1836: narrow + see -glotta: tongue, or throat (?). ex Sth. Africa, eg. *Stenoglottis fimbriata*.
stenoglottis: as last entry. cf. *Brachypeza stenoglottis*. syn. *B. indusiata*.
stenoloba: narrow + lobe. cf. *Habenaria stenoloba*. syn. *H. genuflexa*.
stenopetala: narrow + petals. cf. *Goodyera stenopetala*.
stenopetaloides: narrow + petals + resembling. Or, was possibly likened to *Epidendrum stenopetalum* (syn. *Dimerandra emarginata*). cf. *Epidendrum stenopetaloides*.
stenopetalum: narrow + petals. cf. *Epidendrum stenopetalum*. syn. *Dimerandra emarginata*.
stenophylla: narrow + leaf. cf. *Eria stenophylla*.

stenophyllum: narrow + leaf. cf. *Bulbophyllum stenophyllum*. Pers.coll., not uncommon from many locations, PM.PNG.
stenophyllus: narrow + leaf. cf. *Arthrochilus stenophyllus*.
stenophyton: narrow + plant. cf. *Diplocaulobium stenophyton*.
stenoplectra: narrow + spur. *Eulophia stenoplectra*.
stenoplectron: narrow + spur. cf. *Disperis stenoplectron*.
Stenopolen: Raf.1836: narrow + *-polen*, is reported to be for pollen and refs. to the pollinia. syn. *Stenia* Lindl. (see *Stenia*).
Stenoptera: C.Presl 1827: narrow + wing. ex Peru, eg. *Stenoptera peruviana*.
stenopterum: narrow + wing. cf. *Dendrobium stenopterum*. syn. Took this from a book, but there isn't any official listing.
stenorhachis: narrow + see rachis: flower stem part. cf. *Bulbophyllum stenorhachis*. syn. *Bulbophyllum imbricatum*.
stenorhopalon: narrow + club. cf. *Bulbophyllum stenorhopalon*.
stenorhyncha: narrow + snout; beak. cf. *Lepanthes stenorhyncha*.
Stenorhynchos: Lindley 1845; ***Stenorhynchus*** Lindley 1842; ***Stenorrhynchos*** Sprengel 1831; ***Stenorrhynchum*** Rchb.f.1841; ***Stenorrhynchus*** Rchb.1828; ***Stenorynchus*** Rich.1818. Grouped these all together as all are listed to be syn. to *Spiranthes* (+ all: narrow + see *rhynch-*: snout; beak, etc.). + See *Stenorrhynchos*.
stenorhynchos: narrow + snout; beak. cf. *Habenaria stenorhynchos*.
stenorhynchus: narrow + snout; beak. cf. *Habenaria stenorhynchus*. syn. *H. macrandra*.
stenorrhynchoides: see *Stenorhynchos*, or narrow + snout; beak + resembling (?). cf. *Pelexia stenorrhynchoides*. syn. *P. adnata*.
Stenorrhynchos: Rich.1817: narrow + snout; beak. ex Mexico to Peru and the Caribbean, eg. *Stenorrhynchos speciosum*.
x *Stenosarcos*: auct. On the syn. list, cf. ***Sarcoglottis*** x ***Stenorrhynchos***.
stenoscleros: narrow + tough; hard. cf. *Lepanthes stenoscleros*.
stenosepala: narrow + sepal. cf. *Pleurothallis stenosepala*.
stenosepalum: narrow + sepal. cf. *Taeniophyllum stenosepalum*.
stenostachya: narrow + spike. cf. *Habenaria stenostachya*. syn. *Peristylus densus*.
stenostachys: narrow + spike. cf. *Malaxis stenostachys*.
stenostachyum: narrow + spike. cf. *Arpophyllum stenostachyum*. syn. *A. giganteum*.
stenostachyus: narrow + spike. cf. *Peristylus stenostachyus*. syn. *P. densus*.
stenostachys: narrow + spike. cf. *Polystachya stenostachys*.
stenostalix: narrow + stake. cf. *Oncidium stenostalix*. syn. *O. martianum* Lindley 1837.
stenostele: narrow + see stele: column. cf. *Maxillaria stenostele*.
stenostigma: narrow + see stigma. cf. *Phreatia stenostigma*. syn. *P. densiflora*.
stenota: narrow + ear, or see *stenotis* (?). cf. *Pleurothallis stenota*.
stenotepala: narrow + tepals. cf. *Scaphyglottis stenotepala*.
stenotis (+ *stenotes*): narrow + suffix: the condition; feature. cf. *Oncidium stenotes*.
stenotribonos: narrow + ref. *tribon*: covering; cloak. Refs. to the galea. ex nthn. Sumatra, Indon., cf. *Corybas stenotribonos*.
stenurum: narrow + tail(s), or tailed (?). cf. *Bulbophyllum stenurum*.

Stephanothelys: Garay 1977: ref. *stephanos*: a crown; wreath + *thelys*: woman; female. ex Bolivia, eg. *Stephanothelys rariflora*.

stephensonii: listed for botanist and author, T. Stephenson (+ of). cf. *Dactylorhiza elata* var. *stephensonii* Maire & Weiller 1959. syn. *D. elata*.

steppicolus: ref. steppe: (almost) treeless region (see savannah) + dweller; resident. ex Yunnan Prov., China, cf. *Phaius steppicolus*. syn. *Eulophia spectabilis*.

stercorea: ref. *stercoris*: dung; excrement + of; like, or for a colour. cf. *Masdevallia stercorea*. syn. *M. rigens*.

Stereochilus: Lindley 1859: ref. *stereos*: solid; hard; firm + lip. ex Myanmar and India, eg. *Stereochilus hirtus*.

stereophylla: ref. *stereos*: solid; hard; firm + leaf. cf. *Bonatea stereophylla*.

Stereosandra: Blume 1856: ref. *stereos*: solid; firm, etc. + man; male. Ref. the anther area. Monotypic, ex Indo-China to Japan and the s. west Pacific Isls. eg. *Stereosandra javanica* Blume 1856.

sterile: ref. *sterilis*: barren; bare; empty; fruitless, etc. cf. *Bulbophyllum sterile*.

sterroanthum: ref. *sterrhos*: stiff; firm + flower. cf. *Epidendrum sterroanthum*.

sterrocaulon: stiff; firm + stem; stalk. cf. *Camaridium sterrocaulon*. syn. *Maxillaria sterrocaulos*.

sterrocaulos: as *sterrocaulon*. cf. *Maxillaria sterrocaulos*.

sterrophylla: as *sterrophyllum*. cf. *Micropera sterrophylla*.

sterrophyllum: ref. *sterrhos*: stiff; firm, etc. + leaf. cf. *Angraecum sterrophyllum*.

steudneri: listed for botanist and naturalist, German Steudner [+ of] (1822-1863). Noted as ex, the Republic of Yemen, s. west Arabian Peninsula, cf. *Bonatea steudneri* (Rchb.f) T. Durand & Schinz 1894.

steveniana see *Steveniella* (+ different suffix: belonging to). ex Europe to Asia, cf. *Orchis steveniana* Compère ex Lév. 1842. syn. *Orchis punctulata*.

Steveniella: Schltr. 1918. Listed for orig. coll., German botanist and author, Christian von Steven (1781-1863) + respectful suffix. ex the Caucasus Mtns., Russia, eg. *Steveniella satyrioides*. Noted as monotypic.

stevenii: of Steven, see *Steveniella*. cf. *Orchis stevenii* Rchb.f. 1849. syn. *O. militaris*.

Stevenorchis: Wankow & Kraenzl. 1931: "(von) Steven's *Orchis*", as von Steven initially described it as *Orchis satyrioides* (1809). Info. see *Steveniella*, syn. *Steveniella*.

stevenscoodei: listed for orig. colls. (+ of), authoritative botanists, P.F. Stevens & Mark J.E. Coode, who collected at Mt. Strong & Mt. Scratchley in PNG. 1971. cf. *Mediocalcar stevenscoodei* P. Royen 1979. Noted as endemic to PNG.

stevensii of Stevens. For botanist and author, Peter F. Stevens. ex Costa Rica, cf. *Pleurothallis stevensii* Luer 1979. syn. *P. dentipetala*.

stevensonii: of Stevenson. For botanist and author, Dennis William Stevenson (b1942). ex Ecuador, cf. *Catasetum stevensonii* Dodson 1978.

stewartiana: listed for phytologist, J. Stewart. Noted as an occasional co-author with P.J. Cribb (see *cribbianum*). ex Zaire, Africa, cf. *Polystachya stewartiana* Geerinck 1986.

steyermarkii: for Julian Alfred Steyermark [+ of] (1909-1988). Author, phytologist, collector and authority esp. on the flora of Guatemala. Descs. accr. to him are abbr. to: Steyerm. During 1938-'42, he and a colleague, Paul Standley (see *standleyi*) did extensive field work in the region. cf. *Malaxis steyermarkii* Correll 1948.

sthenantherum: ref. *sthenaros*: strong, *sthenos*: strength + flower, or see anther (?). cf. *Conopsidium sthenantherum*. syn. *Platanthera bifolia*.

stich-, *-stichum*, *-stichus*: used in compwds., ref. *stichos*: a row; in a line; in succession. *stichic*: see *stich-*: to do with a row, a line, or lines. eg. In a discussion: "...stichic keels." *Stichorchis*: Thouars 1822: in a line, row + orchid. Refs. to the dense distichous raceme. syn. *Liparis* Rich.

Stichorkis: Thouars 1822, see *Stichorchis*. syn. *Liparis*.

stict-, *-sticta*, *sticto-*, *-stictum*, *-stictus*: used in compwds., ref. *stiktos*: dotted; pricked; spotted; tattooed (+ see stigma). Having fine spots; dots.

sticta: see *stict-*. cf. *Rodriguezia sticta*.

stictantha: dotted + flower. cf. *Maxillaria stictantha*.

stictanthum: dotted + flower. cf. *Bulbophyllum stictanthum*.

stictanthus: dotted + flower. cf. *Haplochilus stictanthus*. syn. *Bulbophyllum stictanthum*.

stictoglossa: dotted + tongue. cf. *Govenia stictoglossa*. syn. *G. latifolia*.

Stictopetalum: dotted + petals. Noted they're not dots as such, refs. to the very small, fine hairs on the surface of the petals, likened to "dots". = *Paphiopedilum* section.

stictophylla: dotted + leaf. cf. *Aspidogyne stictophylla*.

Stictophyllorchis: Dodson & Carnevali 1993: dotted + leaf + ref. *Orchis*, or orchid (?). ex Trinidad to mainland Sth. America, eg. *Stictophyllorchis pygmaea*.

Stictophyllum: Dodson & M.W.Chase 1989: dotted + leaf. syn. *Stictophyllorchis*.

stictophyllus: dotted + leaf. cf. *Cyclopogon stictophyllus*. syn. *C. olivaceus*.

stictosepalum: dotted + sepal(s). cf. *Bulbophyllum stictosepalum*.

Stictosepalum: dotted + sepal(s). = *Bulbophyllum* section.

stigma: descwd., lit.: a mark; dot; puncture mark; tattoo mark; brand. In combwds., can ref. to dots, fine spots, etc., but used on its own in descriptions, or discussions, mostly refs. to the female organ of the column. Usually a sticky depression, or swelling and the receiving surface for the pollinia, to achieve fertilization. The stigma is located at the front of the column, facing the labellum between the anther and ovary. Often, the shape, size, etc. can be an important factor in phytagraphic classification.

stigmaphore: refs. to when the stigma is divided by a deep split, or orifice to a spur, etc. and creates two, or more stigmatic surfaces.

stigmatate: descwd., see stigma. A general term for having larger marks, spots and blotches, etc. Sometimes the word can be used in a slightly disparaging manner, as some authors consider the markings to be unsightly, esp. when it is expected that the flowers should be a pure unblemished colour. (Personally, I love spotted flowers, they seem more "exotic" and to have more character.)

Stigmatodactylus: Maxim.ex Makino 1905: see stigma + digit; finger. From the description, noted it has a finger, or digit-like appendage, just below the stigma. eg. *Stigmatodactylus javanicus* Schltr.1905. syn. *Pantlingia javanica* (Schltr.& J.J.Sm.) Rauschert.

stigmatoglossa: see stigmatē + tongue. Ref. labellum, spots and blotches (one ref. says they are actually many very small papillae). cf. *Pleurothallis stigmatoglossa*. syn. *P. ophiocephala*.

stigmatoptera: see stigmatē + wing. cf. *Erythrodes stigmatoptera*.

Stigmatorthos: M.W.Chase & D.E.Benn.1993: see stigmatē + ref. *orthos*: right; correct; normal; straight, etc. cf. *Stigmatorthos peruviana*. Noted as monotypic.

Stigmatosema Garay 1982: see stigmatē + ref. *sema*: mark; sign, etc. ex Brazil, eg. *Stigmatosema polyaden*.

stiliferum: ref. *stilus*: stake (+ can be for a [writing] pen) + bearing. cf. *Epidendrum stiliferum*.

Stilifolium: Königer & D.Pongratz 1997: ref. *stilus*: stake, or a (writing) pen + leaf. syn. *Trichocentrum* Poepp.& Endl.

Stimegas : Raf.1836. Knowing how heavily Mr.Raf. abbreviates many of his names, I presume this is coined from stigma + *megas*.The description notes the stigma area being trilobed, making it appear to be “very large” (+ see *mega-*). syn. *Paphiopedilum* Pfitzer.

stimulation: artificially forcing improvement in a plant’s performance, ie. giving nature a helping hand. Every tip, or suggestion you read on “how to...” is aimed at improving a plant in some way. eg. I have a strong, healthy, mature *Vanda hindsii*, I cut its top off and plant it, then the old stem puts out two new growths. In a very short space of time, instead of one plant, I now have three (and that’s very stimulating!). Forcing plants to flower, back-cutting, layering, feeding with fertilizers, etc., can all be called “stimulation”. + See vegetative propagation, watering, TLC.

stimulatrix: ref. *stimulus*: a goad + suffix: a tormentor; stimulator; goadster. One who torments; goads, etc. Maybe the specep. shows the author’s frustration, with the problems of classification. ex New Guinea, cf. *Cleisostoma stimulatrix*.

stinae: for place name (+ of), listed as ex Loja Prov., Ecuador. cf. *Telipogon stinae* Dodson & Dalström 1984.

stipe: reported as orig. taken from *stipes*, lit.: stem; log; tree-trunk. A minute, special kind of stalk which attaches the pollinia, or pollinium to the caudicle of the viscidium (of the pollinarium). Some species can have more than one, see stipites. + See caudicle.

stipitata: see stipitate. cf. *Jumellea stipitata*.

stipitate: stalked + see stipe. Like, or having a stipe, or small stem; stalk. Having organs, or parts attached by a small stem, eg. stipitate pseudobulbs.

stipitatum: see stipitate. cf. *Trichocentrum stipitatum*.

stipites: plural of stipe. See stipe.

stipitibulbum: see stipitate + bulb. cf. *Coelogyne stipitibulbum*. syn. *C. radicata*.

stipulaceum: see *stipulaceus*. cf. *Bulbophyllum stipulaceum*.

stipulaceus: descwd., see stipule + -acea: like, etc. + Ref. Eng., stipulaceous: of, or to do with stipules.

stipulata: see stipule + like; having. cf. *Phreatia stipulata*.

stipulatum: as *stipulata*. cf. *Agrostophyllum stipulatum*.

stipule: see stipe + dimin., or could have been taken from *stipula*: stalk of straw, or hay.
Bot.: small leaf-like parts subtending a leaf (at the petiole base) and usually in pairs. Have only read of these with *Microtatorchis* as parts on the rachis and they were described as: “stipule-like parts”.

stiriaca: Lat’ d. spelling for place name: belonging to *Stiria*: Stiermark Prov., Austria. cf. *Gymnadenia stiriaca* (Rech.) Teppner & Klein.

stirpis: ref. *stirps*, *stirpis*, lit.: lower trunk and roots. Listed as also taken to be :shoot; offspring; progeny; stock; plant. cf. *Masdevallia stirpis*.

st.-magdalenensis: Lat’ d. spelling (+ from) for Santa Maria Madalena (?), a city of Rio de Janeiro state, Brazil (+ see *magdalenensis*). cf. *Habenaria st.-magdalenensis* Hoehne 1937. syn. *H. magdalenensis*.

stobartiana: listed for noted grower, W.C.Stobart (+ belonging to) of Darlington, Eng. cf. *Laelia albida* var. *stobartiana* Rchb.f. Took this info. from a book, but there isn’t any official listing.

stocksii: listed for phytologist and author, John Ellerton Stocks [+ of] (1822-1854). ex sthn. India, cf. *Trias stocksii* Benth.ex Hook.f.1890.

stolon: mostly (for us): a small growth (like a very small tuberoid) at the extreme tip of a root, or rhizomatous underground stem, which produces a new plant. + Can be a growth at a basal node (of terrestrials), having roots and from which a plantlet can arise. + See stoloniferous.

stolonifer: see stolon + bearing. cf. *Elleanthus stolonifer*.

stolonifera: see stolon + bearing. cf. *Spiranthes stolonifera*.

stoloniferous: see stolon + producing. Having stolons, or capable of the ability to produce stolons.

Stolzia: Schltr.1915. Listed for orig.coll., Adolf Stolz (+ of), a German missionary and authoritative collector. ex Tanzania, Africa, eg. *Stolzia nyassana*.

stolziana: belonging to Stolz, see *Stolzia*. ex Tanzania, cf. *Nervilia stolziana* Schltr.1915.

stolzianum: as *stolziana*. cf. *Satyrium stolzianum* Kraenzl.1902. syn. *S. buchananii*.

stolzianus: see *stolziana*. ex Angola, etc., cf. *Lissochilus stolzianus* (Kraenzl.) Schltr.1915. syn. *Eulophia angolensis*.

stolzii: see *Stolzia*. ex Tanzania, Africa, cf. *Liparis stolzii* Schltr.1915.

stoma (sing.), stomata (pl.): ref. *stoma*, lit.: mouth. A microscopic pore of the cuticle and epidermis through which the exchange of carbon dioxide and oxygen is effected, crucial to the process of photosynthesis. With the advent of cytology and cytotaxonomy, can be important with their arrangement, size, shape, etc. + Ref.

stomatal: of, belonging or relative to stomata. I was fascinated by some microscopic photographs, they really do look like mouths! Of interest, irroration (see “I”) also occurs through the stomata. + See next entry.

-*stoma*:- used in combwds., ref. *stoma*: a mouth; pore; opening. eg. *Cleisostoma*: shut + mouth. Here, -*stoma* (of *Cleisostoma*), refs. to the mouth of the spur.

stonei: listed for R.Stone, valued employee of John Day (see *dayana*), of Tottenham, Eng. ex Borneo, cf. *Paphiopedilum stonei* (Hook.) Stein 1892. + See next entry.

stonei: listed for botanist and author, Benjamin Clemens Masterman Stone (1933-1994). ex Costa Rica, cf. *Pleurothallis stonei* Luer 1979.

stonyx: ref. *stonyx*, *stonykos*: a sharp point. cf. *Platystele stonyx*.

storiei: it is noted that James D.S.Storie, first to flower it, gave the specep. for himself (+ of). ex the Philipp., cf. *Vanda storiei* Storie ex Rchb.f.1880. syn. *Renanthera storiei* Rchb.f.1880.

stormii: listed for orig.coll., Storm van's Gravesande (+ of). ex Sumatra, cf. *Bulbophyllum stormii* J.J.Sm.1907.

stove: sometimes seen in older books. Refs. to a type of glasshouse and the manner of heating it for trop. plants. Certainly had me intrigued the first time I saw it, as it wasn't explained. The passage read: "...it flowered in his stove." (...Oh, yeah?)

st.-quintinii: among the given locations, this is also listed as ex France. May ref. to Saint-Quentin-sur-Sioule, a town of Puy-de-Dôme, Auvergne, s.west France (?). cf. x *Dactyloдения st.-quintinii* (Godfery) J.Duvign.1983.

stracheyi: is listed as: "Westn. Himalaya, Garwhal, near Rogile. Strachey & Winterbottom." (for orig.colls.). cf. *Orchis stracheyi* Hook.f.1890. syn. *Ponerorchis chusua*.

straminea: see *stramineus*. cf. *Pseudorchis albida* ssp. *straminea*.

stramineum: see *stramineus*. cf. *Trichocentrum stramineum*.

stramineus: descwd., of, or to do with straw (ref. *stramen*: straw). + Can be a vague colour term: straw coloured: a paler yellowy-brown.

strangii: of Strang. Listed for botanist, Harold Edgard Strang (b1921) ex Brazil, cf. *Cleistes strangii* Pabst 1977 (syn.).

strangulans: throttling; choking, + see *strangulatus*. cf. *Habenaria strangulans*.

strangularium: strangled, ref. *strangulare*: to strangle; choke. + See *strangulatus*. cf. *Bulbophyllum strangularium*. syn. *B. pulchrum*.

strangulata: as *strangulatus*. cf. *Aeranthus strangulata*.

strangulatus: descwd.: throttled; choked. Ref. an organ, or part which narrows abruptly, then resumes the same shape.

-*strata*, -*stratum*, -*stratus*: used in combwds. and is confusing as can have many meanings. In English, strata is the plural of stratum: a bed of earth, or rock, etc.; a series of layers, or bands. Latin *strata*: a brick road; *stratum*: bed, blanket, cover, layer and *stratus*: laying down, prostrate, stretched out. So, often I can only say, see -*strata*.

Strateuma: Salisb.1812: ref. *strateuma*: army. Reported to be a fanciful allusion to soldiers marching. syn. *Orchis Tourn.* ex L. + See next entry.

Strateuma: Raf.: army. syn. *Zeuxine* Lindl.

strateumatica: ref. *strateuma*: army + see -*matica*: like, etc. cf. *Zeuxine strateumatica*.

stratiotes: soldier. Listed as a fanciful allusion to the flowers and erect petals, to soldiers having upraised bayonets. Well ... to each his own, I suppose. I would have likened a flower to the head and twisted horns of the very beautiful Eland (: an African antelope), as this lovely species is one of the commonly called "antelope orchids". cf. *Dendrobium stratiotes*. Pers.coll., not common ex PM.PNG.

strebloceras: ref. *streblos*: twisted + horn(s). Ref. the petals. cf. *Dendrobium strebloceras*.
Strebloceras: as *strebloceras*. = *Dendrobium* section. syn. *Dendrobium* section *Spatulata*.

strepsiceros: ref. *strepsis*: twisting, + horn(s). Ref. the petals. cf. *Dendrobium strepsiceros*.

strepto-: used in combwds., ref. *streptos*: twisted; turned, + *streptos*, can be: a chain, or linked collar. Most refs. note it as: twisted, although there are exceptions.

streptopetala: see *strepto-* + petals, reported as alluding to the petals being chain-like. cf. *Eulophia streptopetala*.

streptopetalus: as *streptopetala*. cf. *Lissochilus streptopetalus*. syn. *Eulophia streptopetala*.

streptosepalum: see *strepto-* + sepals. Ref. the elongated tips of the lateral sepals twisted together, like a long twisted tail. cf. *Bulbophyllum streptosepalum*. syn. *B. contortisepalum* (: twisted + sepals). Pers.coll., see notes at *contortisepalum*.

Streptosepalum: see *streptosepalum*. = *Bulbophyllum* section.

streptotriche: twisted + hair. Alludes to the paleae of the petals. cf. *Bulbophyllum streptotriche*.

stria (sing.), *striae* (pl.): ref. *stria*: a facet; flute; furrow. A fine furrow, or ridge; a small fine groove, line, or streak. + See striate, lineate.

striaenopsis: by the authors' notes, it's coined from *stria* + *-aenopsis* (taken from the specep., *phalaenopsis*). ex Tanimbar Island, Indon., cf. *Dendrobium striaenopsis* M.A.Clem.& D.L.Jones 1989.

striata: see striate, *stria*. cf. *Diuris striata*. Noted as endemic to NSW., Aust.

striate: ref. *striatus*: marked with parallel grooves, or lines. + See lineate.

striatella: see striate + dimin.: finely striate. Ref. the sepals. cf. *Masdevallia striatella*.

striatellum: as *striatella*. cf. *Bulbophyllum striatellum*.

striatiflora: striate + flower. cf. *Distichorchis striatiflora*. syn. *Dendrobium striatiflorum*.

striatiflorum: see striate + flower. cf. *Dendrobium striatiflorum*.

striatifolia: see striate + leaf. cf. *Lepanthes striatifolia*.

striatitepalum: striate + see tepal. cf. *Bulbophyllum striatitepalum*. syn. *B. striatum*.

striatulum: as *striatulus*. cf. *Ornitharium striatulum*. syn. *Pteroceras teres*.

striatulus: striate + dimin.: finely, or minutely striate. cf. *Ornithochilus striatulus*.

striatum: see striate. cf. *Prasophyllum striatum*. Noted as endemic to NSW., Aust.

striatus: see striate. cf. *Sarcanthus striatus*. syn. *Cleisostoma striatum*.

stricklandiana: listed for noted (Eng.) grower, W.Strickland (+ belonging to), first to flower it. ex the Himalayas to China, cf. *Liparis stricklandiana* Rchb.f.1880.

stricklandianum: as *stricklandia*. Listed as ex eastn. Asia. cf. *Dendrobium stricklandianum* Rchb.f.1877 syn. *D. moniliforme*.

stricta: see *stricti-*. cf. *Caladenia stricta*. Noted as endemic to Sth.Aust.

stricti-, *stricto-*: used in combwds., ref. *strictus*: erect; straight. + Can be: upright and packed, or crowded close together.

strictiflora: see *stricti*-+ flowers. cf. *Serapias strictiflora*.
strictifolia: see *stricti*-+ leaf. cf. *Scuticaria strictifolia*.
strictiforme: see *stricti*-+ form; shape. cf. *Dendrobium strictiforme*.
strictior: see *stricti*-+ suffix: one who is erect, or more erect, etc. cf. *Orchis angustifolia*
subf. *strictior*. syn. *Dactylorhiza traunsteineri* ssp. *traunsteineri*.
strictissima: see *stricti*-+ emphasis: very, etc. cf. *Habenaria strictissima*.
strictissimum: as *strictissima*. cf. *Ornithidium strictissimum*. syn. *Maxillaria strictissima*.
strictophylla: see *stricti*-+ leaves. cf. *Pleurothallis strictophylla*.
strictum: see *stricti*-. cf. *Calonema strictum*. syn. *Caladenia stricta*.
strictus: see *stricti*-. cf. *Podochilus strictus*.
striga (sing.), *strigae* (pl.): a short, sharp, stiff, bristle-like hair.
strigosa: see *strigose*. cf. *Masdevallia strigosa*. syn. *M. nidifica*.
strigose: ref. *strigosus*: with many, or covered by *strigae* (see *striga*). + Can also be:
meagre; poor; lean; thin.
strigosum: see *strigose*. cf. *Dendrobium strigosum*. syn. *D. tetraedre*.
striolata: see *striolate*. cf. *Eria striolata*. syn. *E. javanica*.
striolate: see *striate* with an added dimin.: having fine linear markings, grooves, or
lines.
striolatum: see *striolate*. cf. *Dendrobium striolatum*. Noted as endemic to Aust.
striolatus: see *striolate*. cf. *Sarcanthus striolatus*.
strobil-.: used in combwds., reported as borrowed from *strobile*: a plug, or small ball of
lint. + Ref. *strobilis*: any organ, part, or group likened to the cone of a conifer
(tree).
strobilaceous: see *strobil*-+ suffix: likened to a pine cone. eg. The shape of a raceme could
be called “*strobilaceous*”.
strobilifer: see *strobil*-+ *-fer*: producing, or bearing. cf. *Elleanthus strobilifer*.
strobilifera: as *strobilifer*. cf. *Evelyna strobilifera*. syn. *Elleanthus strobilifer*.
strobiliferous: mainly: cone-producing. + See *strobil*-, *strobilaceous*.
strobiliferum: see *strobil*-+ bearing. cf. *Epidendrum strobiliferum*.
strobiliferus: see *strobil*-+ bearing. cf. *Spathiger strobiliferus*. syn. *Epidendrum strobiliferum*.
strobiloides: see *strobil*-+ resembling. cf. *Epidendrum strobiloides*.
strongyl-.: used in combwds., ref. *strongylos*: round; rounded.
strongylantha: round, or rounded + flower. cf. *Callista strongylantha*. syn. *Dendrobium*
strongylanthum.
strongylanthum: as *strongylantha*. cf. *Dendrobium strongylanthum*.
Strongyle: round; rounded. Ref. the terete leaves.= *Dendrobium* section.
Strongylaria: *strongyl*-+ *Eria*, or *strongyl*-+ suffix: like, etc.(?).= *Eria* section.
strongyloides: round + resembling. cf. *Cleisostoma strongyloides*.
strophinx: lit., pivot; axle. cf. *Barkeria strophinx*.
structure: same as a “process”. Usually applied to a small group of parts, or appendages
that appear to make up a single unit and have a distinct function. ie. To attract, or
guide an insect (pollinator) to the reproductive organs.

struma: a small cushion-like pad; wart-like growth; swelling; lump; tumour. Also used in combwds, as: *strum*-, *strumi*-.

strumata: see *struma* + like; having. cf. *Maxillaria strumata*. syn. *Sepalosaccus strumatus*.

strumatus: see *struma* + like; having. cf. *Sepalosaccus strumatus*.

strumella: see *struma* + dimin. cf. *Masdevallia strumella*.

strumifera: see *struma* + bearing. cf. *Masdevallia strumifera*.

strumosa: see *struma* + -osa: prominent, or with many (?). cf. *Lepanthes strumosa*.

struthio: ref. *struthio*, *strouthion*: ostrich. Some authors say this spec. is for a sparrow, see *strutho*-. By the discussion, it alludes to the labellum lateral lobes, likened to ostrich feathers. cf. *Pennilabium struthio*.

strutho-. used in combwds., ref. *strouthos*: sparrow, or *strouthis*: small sparrow.

st-simonensis: for place name (+ from), listed as ex Mato Grosso state, Brazil. cf. *Habenaria st-simonensis* Hoehne 1915.

stuartiana: listed for the given name (+ belonging to) of Stuart Low (more, see *lowianum*). ex the Philipp., cf. *Phalaenopsis stuartiana* Rchb.f.1861.

stuartii: listed for orig.coll., J.W.R.Stuart (+ of). ex Herbeton, Qld., Aust., cf. *Dendrobium stuartii* F.M.Bailey 1884.

stupenda: ref. *stupendus*: large; astounding; wonderful, etc. cf. *Masdevallia wallisii* var. *stupenda*.

stupendum: as *stupenda*. cf. *Catasetum stupendum*. syn. *Catasetum incurvum*.

Stuposa: see *stupose*. = *Dendrobium* section.

stuposa: as *stupose*. cf. *Callista stuposa*. syn. *Dendrobium stuposum*.

stupose: ref. *stuposus*: having tufts of long hair, coarsely fibrous, likened to tow. Also ref. *stupa*, or *stuppa*: the fibre of flax, etc.: tow, used for making rope; cords.

stuposum: see *stupose*. cf. *Dendrobium stuposum*.

stuppeus: of *stuppa*, see *stupose*. Possibly ref. the cataphylls (see "C") of the pseudobulbs, or the lip has a small tuft of hairs below the callus. cf. *Phaius stuppeus*. syn.: *P. tankervilleae*.

stupratoria: could ref. to *stuprum*: adultery, etc., *stupratum*: defile; ravish. With the suffix, it may imply it's been "ravished". ie., Perhaps the author thought it could be a cross (which it was later proven to be, ref. x *Orchiserapias*). cf. *Orchis stupratoria* Briq.

Sturmia: Rchb.1826. Listed for botanist, Jakob W.Sturm (1771-1848). syn. *Liparis* Rich.

Sturmia: as last entry. = *Oberonia* subgenus.

styl-, *stilo*-. used in combwds., see *style*. Can ref. to an organ, or part likened to a pedestal; column; pillar, but mostly refs. to the column, of the flower.

style: ref. *stylos*: a pillar; column, or can be for a needle; headless pin; small pointed tool (ref. *stylus*). A style, with other flora is usually for the stem of a pistil (female reproductive organ). + See *styl*-.

stylid, *stylids*, *stylidia*: other words for *stelids*, see *stelidia*.

stylidioides: see *style* + like + resembling, or *stylid* + resembling, see *stelidia* (?). cf.

Apostasia stylidioides. syn. *Apostasia wallichii*.

x *Stylisanthe*: Garay & H.R.Sweet. On the syn. list, cf. *Papilionanthe* x *Rhynchostylis*.

stylites: see style (as the column) + see *-ites*: relative to, etc. Noted from an interesting article, ref. Gk., *stylites*, lit.: one who lives on a column. + Ref. Eng., *stylites*: religious ascetics of the early middle ages, as part of their denials, lived on top of a pillar, or column. Either way, the specep. is obviously pointing out a feature at the apex of the column. cf. *Spiranthes stylites* Lindl.1857. syn. *S. sinensis*.

Styloglossum: Breda 1827: see *styl-*: column + tongue. The lip is adnate to the column. syn. *Calanthe* R.Br.

Styloglossum: as last entry.= *Calanthe* section.

stylosa: ref. *stylosus*: having an obvious, or prominent style (: column). cf. *Aerangis stylosa*. syn, *A. cryptodon*.

stylosanthes: see *styl-*, style + flower. cf. *Orchis stylosanthes* Ham.ex Hook.f.1890. syn. *Habenaria commelinifolia*.

stylosum: as *stylosa*. cf. *Angraecum stylosum*. syn. *Aerangis stylosa*.

suarezense: for place name: from Antseranana (formerly Diégo-**Suarez**), a major town at the nthn. tip of Madagascar. cf. *Angraecum suarezense* Toill.-Gen.& Bossier 1961. syn. *A. curnowianum*.

Suarezia: Dodson 1989: see *suarezii*. Noted as endemic and monotypic to Ecuador, cf. *Suarezia ecuadorana* Dodson 1989.

suarezii: of Suárez, probably for a person's name (+ of), but could also be for a place name. Listed as ex Ecuador, noted two villages, ref. González **Suárez**, of Carchi and Imbabura provinces. cf. *Chondrorhyncha suarezii* Dodson 1989.

suareziorum: belonging to Suárez, see *suarezii*. cf. *Maxillaria suareziorum* Dodson 1989.

suave: many refs. say this: sweet smelling, but correctly "sweet smelling" is the word: *suaveolens* (and *suave*, lit.: sweetly). This specep. is more likely ref. *suavis*: pleasant; sweet; agreeable, as it is noted for the perfume. cf. *Cymbidium suave*. Listed as endemic to nth. Qld., Aust.

suaveolens: is listed as the one word: sweetly fragrant; sweet smelling. cf. *Lyperanthus suaveolens*. Noted as endemic to Aust.

suavior: as *suavis* + suffix: one who is pleasanter, sweeter, etc. cf. *Cattleya* x *suavior* Rchb.f.ex H.J.Veitch 1888 (syn.).

suavis: sweet; agreeable; pleasant. cf. *Trichopilia suavis*.

suavissima: as *suavissimum*. cf. *Phyllorkis suavissima*. syn. *Bulbophyllum suavissimum*.

Suavissimum: ref. *suavissimus* (: the one word): sweetest; most agreeable, etc.= *Cymbidium* section. syn. *Cymbidium* section *Floribundum* (?).

suavissimum: ref. *suavissimus*: sweetest; most agreeable, etc. Ref. the perfume. cf. *Aerides suavissimum*. syn. *A. odoratum*.

suavium: ref. *suavis*: pleasant; sweet; agreeable + of; like, etc. cf. *Lepanthes suavium*.

suavolens: ref. *suaveolens* (: the one word): sweet smelling, etc. cf. *Sarcoglossum suavolens*. syn. *Cirrhaea dependens*.

sub-: used in compwds.: under; below; lower; less than; from below; inferior; about; nearly; almost; somewhat; slightly; not quite. Most often, "sub-" is self-explanatory.

subacaule: *sub-* + *a-* + *-caule*: almost + without + stem; stalk. cf. *Dendrobium subacaule*.

subacaulis: as *subacaule*. cf. *Callista subacaulis*. syn. *Dendrobium subacaule*.
sub-acute: moderately acute.
subadnatum: see *sub-*+ see *adnate*: broadly joined, etc. cf. *Epidendrum subadnatum*.
subaequale: see *sub-*+ *equally*; evenly, etc. cf. *Bulbophyllum subaequale*.
subaequalis: see *sub-*+ *equal*. cf. *Pelexia subaequalis*. syn. *Spiranthes funckiana*.
subaequisepala: almost + equal + sepals. cf. *Pleurothallis juninensis* var. *subaequisepala*. syn. *P. linguifera*.
subaesculapiana: see *sub-*+ see *aesculapii* + belonging to. May have been compared to *Ophrys aesculapii* (?). cf. *Ophrys sphegodes* var. *subaesculapiana*. syn. *O. sphegodes*.
subaliena: see *sub-*+ ref. *alienus*: of, or belonging to another; foreign; strange, etc. cf. *Eria subaliena*. syn. *Eria floribunda*.
subalpestris: see *sub-*+ *alpestris*: alpine habitat: subalpine. cf. *Cyclopogon subalpestris*.
subalpina: see *sub-*+ *alpine*. cf. *Glomera subalpina*. syn. *G. decockii*.
subalpinum: subalpine. Living, or growing just below a true alpine level. cf. *Bulbophyllum subalpinum*. syn. *B. cylindrobulbum*.
subalpinus: subalpine. cf. *Corybas subalpinus*. Noted as endemic to New Guinea.
subanajamensis: listed for place name (+ from, also could mean: from below Anajam?). ex Bengkulu Prov., Sumatra. cf. *Oberonia subanajamensis* J.J.Sm.1928.
subandina: see *sub-*+ *andina*: of the Andes. Listed as ex Bolivia, cf. *Habenaria subandina*.
subapetalum: almost + without + petals. cf. *Bulbophyllum subapetalum*.
subapetalus: as *subapetalum*. cf. *Peltopus subapetalus*. syn. *Bulbophyllum subapetalum*.
subaphylla: see *sub-*+ without leaf. cf. *Cephalanthera erecta* forma *subaphylla*.
subaphyllus: as *subaphylla*. cf. *Peristylus subaphyllus*.
subapproximatum: see *sub-*+ see *approximate*. cf. *Bulbophyllum subapproximatum*.
subaquila: as *subaquilum*. cf. *Encyclia subaquila*. syn. *E. angustifolia*.
subaquilum: see *sub-*+ ref. *aquilus*: swarthy; dun; dark. Some refs. define this as: brownish. cf. *Epidendrum subaquilum*. syn. *Encyclia angustifolia*.
subarmata: see *sub-*+ *armed* (as, with weapons). cf. *Habenaria subarmata*.
subarticulatum: see *sub-*+ *articulate*. cf. *Dendrobium subarticulatum*. syn. *D. connatum*.
subauriculata: see *sub-*+ *auriculate*. cf. *Habenaria subauriculata*.
subbiflora: see *sub-*+ *bi-*+ *flower(s)*. cf. *Fernandezia subbiflora*.
subbiflorum: as *subbiflora*. cf. *Pachyphyllum subbiflorum*. syn. *Fernandezia subbiflora*.
subbilobatum: see *sub-*+ *bi-lobed*. cf. *Dendrobium subbilobatum*.
subbilobatus: as *subbilobatum*. cf. *Monanthos subbilobatus*. syn. *Dendrobium subbilobatum*.
subbisectum: see *sub-*+ *bi-*+ *sectum*: almost completely divided in two. Labellum has a deep groove. cf. *Prasophyllum subbisectum*. Noted as endemic to Vic., Aust.
subbombifera: see *sub-*+ see *bombyli-*: bumble bee; beefly + bearing. cf. *Ophrys muscifera* forma *subbombifera*. syn. *Ophrys insectifera*.
subbullatum: see *sub-*+ see *bullate*: slightly bubbled. Ref. the sepals. cf. *Bulbophyllum subbullatum*.
subcaerulea: see *sub-*+ see *caeruleus*: a paler sky-blue. cf. *Arethusa bulbosa* forma *subcaerulea*. syn. *Arethusa bulbosa*.
subcalceata: see *sub-*+ see *calceate*: shoe-like, etc. cf. *Pholidota subcalceata*.

subcampanulata: see *sub*-+ *campanulate*: bell-like, etc. cf. *Didymoplexis subcampanulata*.
 syn. *D. pallens*.
subcapitata: see *sub*-+ see *capitate*. *Oreorchis subcapitata*. syn. *O. fargesii* Hand.-Mazz.
subciliatum: see *sub*-+ see *ciliate*: having fine marginal hairs. cf. *Oncidium subciliatum*.
 syn. *Oncidium barbatum*.
subclausa: see *sub*-+ ref. *clausus*: closed; shut. cf. *Eria subclausa*.
subclausum: almost + closed. Flowers only partly open. cf. *Dendrobium subclausum*.
subclavata: see *sub*-+ see *clavate*. Ref. the spur. cf. *Diaphananthe subclavata*.
subclavatum: see *sub*-+ *clavate*. cf. *Bulbophyllum subclavatum*.
subcoerulea: same as *subcaerulea*. cf. *Ceratostylis subcoerulea*. Noted as endemic to PNG.
subconcolor: see *sub*-+ *concolor*. Also, this may have been compared to *Vanda concolor* (?).
 cf. *Vanda subconcolor*.
subcordata: see *sub*-+ see *cordate*: heart-like. cf. *Jumellea subcordata*. syn. *Angraecum curnowianum*.
subcordatum: as *subcordata*. cf. *Angraecum subcordatum*. syn. *A. curnowianum*.
subcordifolia: see *sub*-+ *heart* + *leaf*. cf. *Pleurothallis subcordifolia*.
subcoriaceous: somewhat leathery; likened to being almost leathery in texture.
subcoriaceum: as *subcoriaceous*. cf. *Bulbophyllum subcoriaceum*. syn. *B. maximum*.
subcornuta: see *sub*-+ ref. *cornutus*: horned; horn-like. cf. *Habenaria subcornuta*. syn. *Habenaria cornuta*.
subcorymbosa: see *sub*-+ see *corymb*: bunched; like a corymb, etc. cf. *Polystachya subcorymbosa*. syn. *P. rhodoptera*.
subcrenulata: see *sub*-+ see *crenulate*: margins having small rounded projections. cf. *Phreatia subcrenulata*.
subcrenulatum: as *subcrenulata*. cf. *Bulbophyllum subcrenulatum*.
subcruciforme: see *sub*-+ *cruciform*. cf. *Oncidium subcruciforme*.
subcubicum: almost cubic. Ref. the squarish labellum. cf. *Bulbophyllum savaiense* ssp. *subcubicum*.
subcylindrifolium: see *sub*-+ *cylindrical* + *leaf*. cf. *Angraecum subcylindrifolium*. syn. *Cyrtorchis aschersonii*.
subdensa: see *sub*-+ ref. *densus*: thick; dense, etc. cf. *Corymbis subdensa*. syn. *Corymborkis veratrifolia*.
subdentate: see *sub*-+ see *dentate*: imperfectly dentate.
subdifformis: see *sub*-+ *different*; misshapen, etc. cf. *Thelymitra ixioides* var. *subdifformis*.
 Noted as endemic to Vic., Aust.
subdimidiata: *sub*-+ ref. *dimidiatus*: almost halved. cf. *Lepanthes subdimidiata*.
subdiphylla: see *sub*-+ *di*-+ *leaves*. cf. *Polystachya subdiphylla*.
subebulbum: *sub*-+ *e*-+ *bulbum*: almost + without + bulb. cf. *Bulbophyllum subebulbum*.
subecalcarata: *sub*-+ *ecalcarate* (: not spurred). ex Brazil, cf. *Habenaria subecalcarata*. syn. *H. guilleminii* Rchb.f.1847.
subeciliata: almost + without + having fine marginal hairs. cf. *Glomera subeciliata*.
subelobatum: *sub*-+ *e*-+ *lobatum*: almost + not + lobed. cf. *Dendrobium subelobatum*.
sub-entire: almost complete; almost undamaged, etc. + See *entire*.

suberectum: almost + erect; upright, etc. cf. *Sarcopodium suberectum*. syn. *Epigeneium kinabaluense*.

subfalcata: see *sub*-+ see *falcate*: sickle-like. cf. *Cadetia subfalcata*.

sub-falcate: see *sub*-+ see *falcate*. Can be: more, or less sickle-shaped.

subfalcatum: *sub-falcate*. cf. *Dendrobium subfalcatum* syn. *Cadetia subfalcata*.

subfalcifolia: as *subfalcifolium*. cf. *Diaphananthe subfalcifolia*. syn. *D. bidens*.

subfalcifolium: see *sub*-+ *sickle* (-like) + *leaf*. cf. *Angraecum subfalcifolium*. syn.

Diaphananthe bidens.

sub-family: a rank in the taxonomic hierarchy, subordinate to family and superior to tribe. Usually denoted by the suffix: *-oideae*. eg. *Apostasioideae*. + See rank.

sub-filiform: almost thread-shaped. + See *filiform*.

subfiliformis: see *sub*-+ *filiform*. cf. *Habenaria subfiliformis*.

subflavidum: see *sub*-+ ref. *flavidus*: pale yellow. cf. *Dendrobium subflavidum*.

subflavidus: as *subflavidum*. cf. *Eurycaulis subflavidus*. syn. *Dendrobium subflavidum*.

subfloribundum: see *sub*-+ see *floribunda*. cf. *Epidendrum subfloribundum*.

subfucifera: see *sub*-+ *fuci*-(see *fuciflora*) + *bearing*. cf. *Ophrys sphegodes* forma *subfucifera*.

subfusca: see *sub*-+ see *fusc*-: dark, etc. cf. *Orchis subfusca*. syn. *Dactylorhiza sambucina*.

sub-fusiform: almost *fusiform* (: moderately, or more or less spindle-shaped).

subhamata: see *sub*-+ *hamate*: hooked, etc. Listed as a natcross of *Calanthe pulchra* x *C. speciosa*. ex Java, cf. *Calanthe* x *subhamata* J.J.Sm.1913.

subhastata: see *sub*-+ see *hastate*. cf. *Cadetia subhastata*. syn. *C. chamaephytum*.

subhastatum: as *subhastata*. cf. *Dendrobium subhastatum*. syn. *Cadetia chamaephytum*.

subinconspicua: see *sub*-+ *inconspicuous*. cf. *Stelis subinconspicua*.

subinsectifera: *sub*-+ *insect* + *bearing*. Was probably compared to *Ophrys insectifera* (?). cf. *Ophrys subinsectifera*. syn. *Ophrys insectifera* ssp. *aymoninii*.

subintegra: see *sub*-+ see *integri*-: entire, etc. cf. *Coelogyne subintegra*. syn. *C. exalata*.

subintegripetala: see *sub*-+ *entire* + *petal*. cf. *Zygostates lunata* var. *subintegripetala*. syn. *Z. cornuta*.

subintegris: as *subintegra*. cf. *Lissochilus subintegris*. syn. *Eulophia latilabris*.

subintegrum: as *subintegra*. cf. *Dendrochilum subintegrum*.

sublata: my guess was *sub*-+ ref. *latus*. But, it's listed as ex the one word, see *sublatus*. Probably ref. the raceme. cf. *Phreatia sublata*.

sublatus: descwd.: standing tall, or proud; haughty; raised on high.

sublaeve: see *sub*-+ see *laevi*-: smooth, etc. cf. *Phalaenopsis sublaeve*.

sublesta: as *sublestus*. cf. *Acianthopsis sublesta* (Dockrill) Szlach.2003. syn. *Acianthus amplexicaulis*.

sublestus: listed as the one word, lit.: slight; trifling; petty, etc. cf. *Acianthus sublestus*. syn. *Acianthus amplexicaulis*.

sublibera: as *subliberum*. cf. *Scaphyglottis sublibera*.

subliberum: see *sub*-+ see *liber*: free, etc. cf. *Epidendrum subliberum*. syn. *Scaphyglottis sublibera*.

subligaculifera: as *subligaculiferum*. Ref. the lip. cf. *Oberonia subligaculifera*.

subligaculiferum: ref. *subligaculum*: an apron; protective covering + bearing. cf. *Bulbophyllum subligaculiferum*.
sublobata: see *sub*-+ see lobate: lobed; lobe-like. cf. *Malaxis sublobata*.
sublobatum: as *sublobata*. cf. *Dendrochilum sublobatum*.
subluteum: see *sub*-+ ref. *luteus*: yellow. cf. *Saccolabium subluteum*. syn. *Tuberolabium papuanum*. Of interest, see *Papuaea*.
submarmoratum: see *sub*-+ see marmorate: marbled. cf. *Bulbophyllum submarmoratum*.
subnavicularis: see *sub*-+ see *navicularis*: like a small ship. cf. *Oberonia subnavicularis*. syn. *Oberonia lunata*.
subnormalis: see *sub*-+ see normal, *normale*. cf. *Eria hawkesii* var. *subnormalis*.
subnutans: see *sub*-+ see nutant: nodding. cf. *Epidendrum subnutans*.
subobscurum: see *sub*-+ see *obscurus*. cf. *Oncidium subobscurum*. syn. *O. pardothyrsus*.
suborbiculare: see *sub*-+ orbicular. cf. *Epidendrum suborbiculare*.
suborbicularis: almost + orbicular; circular. Ref. the lip. cf. *Octarrhena suborbicularis*.
Noted as endemic to Papua, Indon.
subordinate: underneath; below; lower (than).
subpandifolium: see *sub*-+ *-pandi-*: a contraction for *pandanus*, see *pandanus* + leaf. cf. *Dendrobium subpandifolium*,
subpandurata: *sub*-+ see *pandurate*: almost, or imperfectly *pandurate* (: fiddle-shaped). cf. *Spiranthes subpandurata*. syn. *Beloglottis costaricensis*.
subpapilionacea: see *sub*-+ butterfly-like. cf. *Orchis* x *gennarii* nothosubsp. *subpapilionacea* R.Lopes. syn. *Anacamptis* x *gennarii* (?). Listed among the synonyms, without date, location, or the "correct name".
subpapillosus: see *sub*-+ with many, or full of papillae (see *papilla*). cf. *Gastrochilus subpapillosus*.
subparishii: see *sub*-+ see *parishii*. ex sthn. China. cf. *Sedirea subparishii*.
subparviflorum: see *sub*-+ small, etc. + flower. cf. *Bulbophyllum subparviflorum*. syn. *B. secundum*.
subpatens: see *sub*-+ *-patens*: opening; spreading (+ see *patenti-*). cf. *Epidendrum subpatens*. syn. *Epidendrum coronatum* (+ see *coronatum*).
subpellucida: see *sub*-+ see *pellucid*: clear. cf. *Pleurothallis subpellucida*. syn. *Pleurothallis loranthophylla*.
subpetiolata: see *sub*-+ see *petiolate*. cf. *Glomera subpetiolata*.
subpetiolatum: as *subpetiolata*. Ref. the leaves. cf. *Dendrobium subpetiolatum*.
subpicta: see *sub*-+ painted (+ see *picturatus*). cf. *Pleurothallis subpicta*. syn. *Pleurothallis grobyi*.
subplicata: see *sub*-+ *plicate*. cf. *Liparis subplicata*. syn. *L. bootanensis*.
subpubens: see *sub*-+ see *pubens*. cf. *Habenaria subpubens*. syn. *H. heyneana*.
subpulchrum see *sub*-+ (of) beauty, etc. cf. *Xylobium subpulchrum*.
subpurum: almost + pure; clean. cf. *Epidendrum subpurum*.
subquadrata: see *sub*-+ see *quadrate*. cf. *Chaubardiella subquadrata*.
subquadratum: as *subquadrata*. cf. *Dendrobium subquadratum*.

subquadrilabia: almost + square + lip. cf. *Ponera subquadrilabia*. syn. *Scaphyglottis graminifolia*.

subracemosa: see *sub*-+ see *racemose*. cf. *Glomera subracemosa*.

subradiata: see *sub*-+ see *radial*, *radiata*. cf. *Cadetia subradiata*.

subradiatum: as *subradiata*. cf. *Dendrobium subradiatum*. syn. *Cadetia subradiata*.

subramosa: see *sub*-+ see *ramose*: branched, etc. cf. *Aeranthus subramosa*.

subregulare: as *subregularis*. cf. *Orchiodes subregulare*. syn. *Anoectochilus subregularis*.

subregularis: see *sub*-+ *regular*; usual; the rule. cf. *Cryptostylis fulva* var. *subregularis*. syn. *C. arachnites*.

subreniforme: almost + kidney-shaped. cf. *Epidendrum subreniforme*.

subreniformis: almost + kidney-shaped. cf. *Pleurothallis subreniformis*.

subrepens: see *sub*-+ *creeping*. cf. *Epistephium subrepens*.

subretusum: see *sub*-+ see *retuse*. cf. *Dendrobium subretusum*. syn. *Cadetia imitans*.

subrotunda: see *sub*-+ see *rotundi*-. cf. *Orchis subrotunda*.

subrotundifolia: see *sub*-+ *rotundi*-+ *leaf*. cf. *Pleurothallis subrotundifolia*.

subsaccata: see *sub*-+ see *saccate*. cf. *Phreatia subsaccata*.

subsacculata: see *sub*-+ *small bag*; *sack*, etc.+ *like*; *having*. cf. *Phreatia subsacculata*.

subsancta: see *sub*-+ see *sancta*. Listed as may have been compared to *Orchis sancta* (syn. *Anacamptis sancta*). cf. *Orchis coriophora* var. *subsancta*. syn. *Anacamptis coriophora*.

subsaprophytica: see *sub*-+ *saprophytic*, see *saprophyte*. cf. *Eria subsaprophytica*.

subscutellifera: see *sub*-+ *scutella*: *small tray*; *plate* + *bearing*. Or, may have been compared to *Disa scutellifera*. cf. *Disa subscutellifera*. syn. *Disa engleriana* Kraenzl.1902.

subsecundum: see *sub*-+ *secund*. cf. *Bulbophyllum subsecundum*.

subserrata: see *sub*-+ *serrate*. cf. *Pleurothallis subserrata*. syn. *Restrepia trichoglossa*.

subserratum: see *sub*-+ *serrate*. Ref. the *labellum hypochil*. The margins are *serrulate* whereas the *epichil* is *entire*. cf. *Dendrobium subserratum*.

subserratus: same as *subserratum*. cf. *Monanthos subserratus*. syn. *Dendrobium subserratum*.

subsessile: see *sub*-+ *sessile*. cf. *Dendrobium subsessile*. syn. *D. indochinense*.

sub-sessile: adapted into English from Latin *sub* + *sessilis*, see *sessile*. Almost *sessile*; having a very short stem, stalk, or other support.

subsessilis: *subsessile*. cf. *Dilochia subsessilis*.

subsimilis: almost the same. cf. *Pterostylis subsimilis*. syn. *P. banksii*.

subsimplex: see *sub*-+ *simple*; *uncomplicated*, etc. cf. *Dendrobium insigne* var. *subsimplex*.

subsinuata: see *sub*-+ see *sinuous*, *sinuate*. cf. *Pleurothallis subsinuata*.

subspecies: in listings is abbr. to *ssp.*, or *subsp.* A subdivision of a species, where another is almost the same as the species.

subspruneriana: see *sub*-+ see *spruneri* + *belonging to*. May have been compared to *Ophrys spruneri* (?). cf. *Ophrys sphegodes* var. *subspruneriana*. syn. *O. sphegodes*.

substrate, or *substratum*: in cultivation: a general term for whatever type of material(s) used for growing plants in, or on (+ see *medium*). Out “in the field”, the *substratum* is a layer just below the surface. eg. The surface is leaf litter and the

substratum is clay. Another eg., the surface is moss and the substratum is the bark of a tree.

subtend: to enclose in the angle between a bract, or leaf and the stem. eg. A bract subtending a raceme (see floral bract, or correctly: bracteole).

subtenellum: cf. *Bulbophyllum subtenellum*. Here, *sub-* is similar to *pseudo-*, as reportedly the plant was compared with and likened to *Bulbophyllum tenellum*.

subtenuicornis: see *sub-* + thin + horn. Or, was possibly compared to *Disa tenuicornis* (?). cf. *Disa subtenuicornis*.

subteres: see *sub-* + see *teres*: sub-terete; semi-terete. Refs. to the stem and leaves. cf. *Dendrobium subteres*. syn. *D. acerosum*. Pers.coll., common ex PM.PNG.

sub-terete: not used very often, see semi-terete.

subterrestre: see *sub-* + earth + place of growth. cf. *Dendrobium subterrestre*. syn.= *Eria bractescens*.

subterrestris: as *subterrestre*. cf. *Tropilis subterrestris*. syn. *Eria bractescens*.

subtilis: thin; delicate; fine. cf. *Caladenia subtilis*. Noted as endemic to NSW., Aust.

subtiliscapa: see *subtilis* + scape. cf. *Malaxis subtiliscapa*. syn. *M. graciliscapa*.

subtommasiniana: see *sub-* + see *tommasinii* + belonging to. May have been compared to *Ophrys tommasinii* (?). cf. *Ophrys sphegodes* var. *subtommasiniana*. syn. *O. sphegodes*.

subtorquatum: see *sub-* + see *torquatum*. May have been compared to *Epidendrum torquatum* (?). cf. *Epidendrum subtorquatum*.

sub-tribe: a rank in the taxonomic hierarchy, subordinate to tribe. Usually denoted by the suffix: *-inae*. eg. *Thelymitrinae*. + See rank.

subtricostatum: see *sub-* + three + ribbed. Ref. the lateral sepals. cf. *Dendrobium subtricostatum*.

subtriloba: see *sub-* + three + lobe. cf. *Phreatia subtriloba*.

subtrilobatum: see *sub-* + three + lobe + like; having (: almost three lobed?). Ref. the labellum. cf. *Bulbophyllum subtrilobatum*.

subtrilobum: see *sub-* + three + lobe. cf. *Taeniophyllum subtrilobum*.

subtrilobus: as *subtrilobum*. cf. *Phaius subtrilobus*.

subtropicum: see *sub-* + ref. *tropicus*: solstice; a turning. Could also be as in English: to do with a sub-tropical region (?). ex s.east Tibet, cf. *Cypripedium subtropicum* S.C.Chen & K.Y.Lang 1986.

subulata: see subulate. cf. *Cryptostylis subulata*. Noted as endemic to eastn. Aust.

subulate: listed as the one word, ref. *subulatus*: awl-like; awl-shaped, ex *subula*: an awl (shoemaker's tool) + suffix: like; having. Any organ, or part, more or less terete, basally broadened, then tapering to a point.

subulatifolia: see subulate + leaf. cf. *Encyclia subulatifolia*.

subulatifolium: see subulate + leaf. cf. *Epidendrum subulatifolium*. syn. *Encyclia subulatifolia*.

subulatoides: awl-like + resembling. cf. *Dendrobium subulatoides*.

subulatum: see subulate. cf. *Dendrobium subulatum*.

Subulatum; see subulate. Ref. the leaves.= *Cleisostoma* section.

subulatus: see subulate. cf. *Sarcanthus subulatus*. syn. *Cleisostoma subulatum*.

subulibrachium: ref. *subula*: an awl + arm (as, a limb). cf. *Dendrochilum subulibrachium*.
subulifera: awl + bearing. cf. *Platanthera subulifera*.
subuliferum: awl + bearing. The floral segments and leaves are described as more or less subulate. cf. *Dendrobium subuliferum*. Noted as endemic to New Guinea.
subulifolia: awl + leaf. cf. *Pleurothallis subulifolia*.
subulifolium: awl + leaf. cf. *Bulbophyllum subulifolium*.
subuliform: awl + shape. Not seen very often, mostly the word used is subulate.
subuliformis: awl + shape. cf. *Glomera subuliformis*.
subuligerum: awl + bearing. cf. *Odontoglossum subuligerum*.
subumbellata: see subumbellate. cf. *Pleurothallis subumbellata*. syn. *P. parvifolia*.
subumbellate: *sub-*: under; below + see umbellate. Refs. to the pendent umbellate inflorescence, occurs often esp. with *Bulbophyllinae*.
subumbellatum: see subumbellate. cf. *Bulbophyllum subumbellatum*.
subuniflora: see *sub-*+ *uni-*: one, etc. + flower. cf. *Goodyera subuniflora*. syn. *G. viridiflora*.
subustulatus: I wanted to separate this into *sub-*+ *ustulatus* (see "U"), but my refs. define this as the one word, a vague colour term: steel grey.
subvelutinum: see *sub-*+ see *velutinus*: softly hairy, etc. cf. *Dendrobium macrophyllum* var. *subvelutinum*.
subverticillatum: see *sub-*+ see *verticil*, *verticillate*. cf. *Bulbophyllum subverticillatum*.
subviolacea: as *subviolaceum*. cf. *Trichoglottis subviolacea*.
subviolaceum: see *sub-*+ *violaceus*: violet colour. cf. *Cleisostoma subviolaceum*. syn. *Trichoglottis subviolacea*.
subviolascens: see *sub-*+ see *violascens*. cf. *Epidendrum subviolascens*. syn. *Epidendrum fuscopurpureum*.
subviridis: see *sub-*+ green. cf. *Habenaria subviridis*.
succedanea: ref. *succedaneus*: substituted; taking the place of; succeeding. cf. *Calanthe succedanea*.
Succedaneae: see *succedanous* + suffix denotes it's a tribe.
succedaneum: as *succedanea*. The flowers open one at a time, in succession. cf. *Bulbophyllum succedaneum*.
succedanous, *succedaneous*: following one another, in succession. Noted this from a discussion: "the flowers succedanous from a bract and producing before the leaf." In English, is defined as: taking the place of; acting, or serving as a substitute.
succedoanea: as *succedanea*. cf. *Calanthe succedoanea*. syn. *C. cardioglossa*.
successivum: consecutive; following in order. cf. *Epidendrum successivum*.
succisa: ref. *succisum*: cut off; mown. cf. *Robiquetia succisa*.
succisus: as *succisa*. cf. *Sarcanthus succisus*. syn. *Robiquetia succisa*.
succosa: see *succose*. cf. *Thelasis succosa*.
succose: ref. *succosus*: full of juice; juicy. + Ref. *succus*: juice; sap.
succuba: *succubus*: a female demon. One which was reputed to have intercourse with men whilst they slept, sapping their life-force until, eventually, they died. (Dr. Luer sure came up with some goodies!) cf. *Pleurothallis succuba*.

succulenta: ref. *succulentus*: very juicy, + see succulents. cf. *Ceratostylis succulenta*.

succulents: collectively, a general term for plants with thick juicy organs. Enables them to have long storage of nutrients to withstand arid conditions. + See xerophyte.

succulentum: see *succulenta*. cf. *Epidendrum succulentum*.

sucker: a common term for a new shoot, or lead, just emerging above the surface, from an underground stem, rhizome, stolon, or tuberoid of a terrestrial.

suckowii: for botanist, naturalist and author, Georg Adolph Suckow (1751-1813). ex the Crimea to the Caucasus, cf. *Orchis x suckowii* Kämpel 1988.

sucrei: of Sucre, capital city of Bolivia. cf. *Rodriguezia sucrei* Braga 1973.

sucula: ref. *sus* + dimin.: small hog; piglet. cf. *Lepanthes suscula*. syn. *L. frigida*.

sucumbiense: from the town of Santa Rosa de Sucumbíos, and/or for Sucumbíos Prov.(?), Ecuador. cf. *Epidendrum sucumbiense* Hágsater & Dodson 2001.

sudanensis: from Sudan. cf. *Bonatea sudanensis* Rolfe 1910. Noted as first found in Sudan, Red Sea Hills area, n.east Africa.

sudetica: for place name: belonging to Sudeten (: Sudety) mtn. range, n.east Czech Republic. cf. *Dactylorhiza sudetica* (Poech ex Rchb.f.) Aver.1982.

suevica: belonging to Suevia: Swabia (: Schwaben), s.west Germany. cf. *Dactylorhiza suevica* (Fuchs) Soó 1962. syn. *D. traunsteineri*.

suffusa: as suffuse. Listed as a natcross of *Caladenia hirta* x *C. longicauda*. Noted as endemic to West.Aust., cf. *Caladenia x suffusa* Hopper & A.P.Br.2001.

suffuse: ref. *suffusus*: flooded; overspread. Of colours described as suffuse: the dominant colour appears to overflow and (almost) cover the other colour(s).

suffusum: cf. *Dendrobium x suffusum* L.Cady 1964, noted as endemic to NSW., Aust. Reported as a natcross of *Dendrobium gracilicaule* x *D. kingianum*. See suffuse, refs. to the influence of *Dendrobium kingianum* to the exterior of the flower: suffused by pink.

suffusus: see suffuse. cf. *Sarcanthus suffusus*. syn. *Cleisostoma suffusum*.

suginoana: belonging to Sugino, a town of Gifu-ken Prefecture, Honshu, Japan. cf. *Lecanorchis japonica* var.*suginoana* Tuyama 1982. syn. *L. japonica*.

suishanensis: is listed as amongst those found in Taiwan. Could ref. to Shui-shang city (as a kind of phonetic spelling + from), s.west Taiwan (?). cf. *Spiranthes suishanensis* (Hayata) Schltr.1919. syn. *S. sinensis*. + See *sinensis*.

sukauensis: from Sukau, a town of Sabah, Borneo. cf. *Aerides sukauensis* Shim.2004.

sukhakulii: listed for Prasong Sukhakul of Bangkok. Botanist, author, collector and authority on orchids, esp.of Thailand. cf. *Paphiopedilum sukhakulii* Schoser & Senghas 1965.

sula: listed as refs. to a genus of sea-birds, *Sula*, commonly: booby, for some superficial likeness. cf. *Liparis sula* N.Hallé 1977. Noted as endemic to New Caledonia. + Of interest (by the same author), see *phalacrocorax*.

sulamadahensis: from Sulamadaha (village), Keplauan Maluku, Indon. cf. *Malaxis sulamadahensis* (J.J.Sm.) S.Thomas, Schuit. & de Vogel 2002.

sulawesiense: as *sulawesii* (+ from). cf. *Dendrobium sulawesiense* Erfkamp & O.Gruss 2000. syn. *D. glomeratum*.

sulawesiensis: belonging to Sulawesi, see *sulawesii*. cf. *Spathoglottis sulawesiensis* T.Green 2003.

sulawesii: of Sulawesi (was Celebes), a major island of Indonesia. cf. *Bulbophyllum sulawesii* Garay, Hamer & Siegerist 1996.

sulcata: see *sulcate*. cf. *Phreatia sulcata*.

sulcate: ref. *sulcatus*: ploughed. + Ref. *sulcus*: furrow; groove; trench + suffix: like; having. Marked by longitudinal parallel grooves. Occurs often with stems or pseudobulbs, but if the ref. is to a *sulcate* leaf, then it usually only has the one central groove (see *sulcus*).

sulcatum: see *sulcate*. cf. *Dendrobium sulcatum*.

sulcus: technical term. On the upper surface of a leaf: the obvious groove down the centre line. + See *sulcate*.

sulense: from Sula Island of the Maluku group, Indon. cf. *Hippeophyllum sulense* J.J.Sm.1926.

sulfuratorium: sulphur (yellow) + like; having + suffix: where something happens; place of work, etc. Possibly ref. the colour of the column, or a pollinarium (?). cf. *Epidendrum sulfuratorium*. syn. *E. secundum*.

sulfurea: see *sulphureus*: sulphur-yellow, for the flower colour. cf. *Diuris sulfurea*. Noted as endemic to NSW., Aust.

sulfureum: see *sulphureus*: sulphur-yellow. cf. *Bulbophyllum sulfureum*.

sulfurina: sulphur + suffix: the colour (see *sulphureus*). cf. *Maxillaria sulfurina*. syn. *Xylobium sulfurinum*.

sulfurinum: as *sulfurina*. cf. *Xylobium sulfurinum*.

sulingi: of Mt.Suling, Java, Indon. cf. *Armodorum sulingi* (Blume) Schltr.1911.

sullivanii: listed for orig.coll., D.Sullivan (+ of). ex Vic., Aust, cf. *Caleya sullivanii* F.Muell.1882. syn. *Caleana minor*.

sulphuratum: like sulphur (sulphur yellow). cf. *Dendrobium sulphuratum*. syn. *Epigeneium zebrinum*.

sulphurea: see *sulphureus*. cf. *Diuris sulphurea*. Noted as endemic to Aust.

sulphurella: see *sulphureus* + dimin. (: slightly, or pale?). cf. *Masdevallia sulphurella*.

sulphureum: see *sulphureus*. cf. *Dendrobium sulphureum*.

sulphureus: a colour term: (like) the colour of sulphur: a pure paler yellow with a tinge of green.

sulphureus: see *sulphureus*. cf. *Schizochilus sulphureus*.

sulphurinum: sulphur + see *-ina*, for the colour. cf. *Paphiopedilum concolor* forma *sulphurinum*. syn. *P. concolor*.

sulphuroleucum: see *sulphureus* + white, or pale (? see *leuc-*). cf. *Epidendrum sulphuroleucum*. syn. *Epidendrum coronatum*.

sultandagi: for place name: Sultandagi, a major town near Aksehir Golu (lake), Afyon, Turkey. cf. *Dactylorhiza x sultandagi* Renz & Taubenheim 1983.

sumacoense: from Volcán Sumaco (volcano), or Sumaco village (?), Napo Prov., Ecuador. cf. *Epidendrum sumacoense* Hágsater & Dodson 1993.

sumapazensis: from Sumapaz N.Park and/or for the nearby Sumapaz village, of Distrito Capital Department, Colombia. cf. *Masdevallia sumapazensis* P.Ortiz 1981.

sumatrana: of, or belonging to Sumatra, Indon. cf. *Phalaenopsis sumatrana* Korth.* & Rchb.f.1860. *(Noted, he was the orig.coll., see *korthalsii*.).

sumatranum: as *sumatrana*. cf. *Agrostophyllum sumatranum* Schltr.& J.J.Sm.1908.

sumatranus: as *sumatrana*. cf. *Corybas sumatranus* (J.J.Sm.) Schltr.1923. syn. *C. fornicatus*.

sumatrense: from Sumatra. cf. *Crepidium sumatrense* (Ridl.) Szlach.1995. syn. *Malaxis sumatrensis* (Ridl.) J.B.Comber 2001.

sumatrensis: from Sumatra. cf. *Eria sumatrensis* Ridl.1898.

sumbavense: Lat'd. spelling for place name: from Sumbawa, a major Indon. island, east of Java. cf. *Cleisostoma sumbavense* (J.J.Sm.) Garay 1972.

sumbavensis: as *sumbavense*. cf. *Sarcanthus sumbavensis* J.J.Sm.1925. syn. *Cleisostoma sumbavense*.

sumbawensis: see *sumbavense*. cf. *Eria sumbawensis* Rchb.f.1857.

Summerhayesia: P.J.Cribb 1977. For Victor Samuel Summerhayes (1897-1974). Curator of the RBG.Kew orchid herbarium for 42yrs. An authority, esp. with European and African orchids, phytologist and prolific author. Descs. accr. to him are abbr. to: Summerh. I was most impressed with his "Wild Orchids of Britain", a "must" for your reading list. ex Tanzania, eg. *Summerhayesia zambesiaca*.

summerhayesiana: belonging to Summerhayes, see *Summerhayesia*. ex Myanmar, cf. *Eria summerhayesiana* A.D.Hawkes & A.H.Heller 1957.

summerhayesianum: as *summerhayesiana*. ex New Guinea, cf. *Dendrobium summerhayesianum* A.D.Hawkes & A.H.Heller 1957.

summerhayesii: see *Summerhayesia*. ex Costa Rica to Panama, cf. *Epidendrum summerhayesii* Hágsater 1993.

sunbuniflora: had a hard time with this until I realised, *sun-* is a grammatical change of *syn-*: with. So, it's *sun-*: with + ref. *bounos*: a hill (as a rounded lump) + *flora*: flower: (has) little rounded lumps on (all, or some of) the floral segments (?). cf. *Goodyera sunbuniflora*. syn. *G. viridiflora*.

sundaica: for place name: belonging to the Sunda Strait area (between Lampung & Java), or the Sunda Islands. Ref. the Greater Sunda (islands, inc. Sumatra, Java, Borneo) and/or the Lesser Sunda (islands: east from Java to Timor Island). cf. *Eria sundaica* J.J.Sm.1913.

sundaicum: as *sundaica*. cf. *Cymbidium sundaicum* Schltr.1919. syn. *C. ensifolium ssp.haematodes*.

sundermannii: listed for phytologist and author, Hans Sundermann (+ of). Descs. accr. to him are abbr. to: H.Sund., or Sunderm. ex Greece, cf. *Ophrys exaltata* ssp. *sundermannii* Soó. syn. *O. biscutella*.

sundermanniana: belonging to Sundermann, see *sundermannii*. ex Greece, cf. *Ophrys x sundermanniana* O.& E.Danesch 1972.

Sunipia: Buch.-Ham. ex Sm.1816. Reported as a local name (Lat'd. spelling) for the plant, in Nepal. eg. *Sunipia bicolor*.

Sunipiinae: *Sunipia* + suffix denotes it's a subtribe.

super-: used in compwds: over; above; on top; from above; higher; about; more than, etc.

superans: descwd.: predominant; rising above; surpassing. Can also mean: being higher above another part. + cf. *Dendrobium superans*.

superanthus: see *super-*, *superans* + flower(s). cf. *Peristylus superanthus*.

superba: see *superbus*. cf. *Govenia superba*.

superbiens: excelling, etc. cf. *Dendrobium* x *superbiens* Rchb.f.1876. A reported natcross of *Denrobium bigibbum* x *D. discolor*. Noted as endemic to Qld., Aust.

Superbientes: those being excellent, etc.= *Dendrobium* section (*Phalaenanth*).

superbissimum: see *superbus* + emphasis: absolutely, etc. ex China to Indo-China, cf. *Cymbidium lowianum* var. *superbissimum*. syn. *Cymbidium lowianum*.

superbum: see *superbus*. cf. *Dendrobium anosmum* var. *superbum*. syn. *D. anosmum*. (more info., see *anosmum*).

superbus: descwd., can be for many superlatives: superior; excellent; superb; proud, etc.

superbus: as *superbus*. cf. *Phaius grandifolius* var. *superbus*. syn. *Phaius tankervilleae*. Pers.coll.. + See notes at *tankervilleae* (and, they are "superb").

superciliare: see *super-* + eyelashes; fine hairs + of; having. cf. *Cypripedium* x *superciliare* Rchb.f. Listed among the synonyms, as a *Paphiopedilum* cross, but without date, location, or "correct name".

superflua: ref. *superfluus*: unnecessary; superfluous. Can also mean: overflowing. cf. *Capanemia superflua*.

superfluum: as *superflua*. cf. *Bulbophyllum superfluum*.

superposed: ref. *superpositus*: placed above; above another. The ref. was to the plant ascending and the pseudobulbs lay one on top of the other (see *superpositum*).

superior: above; over; surpassing, etc. Sometimes seen in discussions and can denote an organ, or part being upturned. Particularly used for the labellum (noted as: "lip, superior").

superposita: see *superposed*. cf. *Lepanthes superposita*.

Superpositae: see *superposed*. = *Polystachya* section.

superpositum: see *superposed*. Ref. the pseudobulbs, ascending and lying one on top of the other. cf. *Bulbophyllum superpositum*.

supervacanea: as *supervacaneum*. cf. *Habenaria supervacanea*.

supervacaneum: ref. *super-vacaneus*: needless; superfluous; useless. cf. *Bulbophyllum supervacaneum*.

supina: see *supinus*. cf. *Maxillaria supina*. syn. *Xylobium variegatum*.

supinus: see next entry. cf. *Xylobium supinum*. syn. *Xylobium variegatum*.

supinus: descwd.: supine; lying on the back. An opp. to *prostratus*: lying face down.

supplicans: praying; begging. cf. *Habenaria supplicans*.

supra: previously; earlier. Lat. term often seen in listings, esp. when the generic name has been changed. eg. "*Dendrochilum cucullatum* Ames *supra* *Acoridium cucullatum* Ames." So, earlier (*supra*), Prof. Ames had it in the genus *Acoridium* and then t/fd. it to the genus *Dendrochilum*. Also *supra-*, in combwds., can be the same as *super-* (in a grammatical change). eg. See next entry.

supra-glauca: here, *supra*:- above (same as *super*-) + *glauca*: see glaucous: having a waxy surface coating, like bloom. Ref. the upper leaf surface. The prefix, *super*- had to be changed otherwise the specep. would have an entirely different meaning (and be rather senseless). cf. *Octomeria supra-glauca*.

surensis: for place name (+ from). Listed as ex Germany, Belgium, Luxembourg, France, etc., noted quite a few places, called Sûre, Sura, etc. cf. *Orchis x surensis* Gsell.

surigaense; for place name: from Surigao city, nthn. Mindanao, Philipp. cf. *Bulbophyllum surigaense* Ames & Quis.1934.

surigaensis: as *surigaense*. cf. *Oberonia surigaensis* Ames 1920.

surigaoensis: see *surigaense*. cf. *Phalaenopsis luedemanniana* var. *surigaoensis* Hort. syn. *Phalaenopsis hieroglyphica*.

surinamensis: for place name: from Surinam (*Suriname*, formerly, Dutch Guiana). cf. *Chaubardia surinamensis* Rchb.f.1852.

surrogata: ref. *surrogatus*: substituted. cf. *Lepanthes surrogata*.

susanensis: from Susano (: Suzano) city, São Paulo state, Brazil. cf. *Pleurothallis susanensis* Hoehne 1938.

susannae: orig. described x L.1753 as *Orchis susannae*. Listed for Susanna (+ of), wife of G.E.Rumph, of Ambon, Maluku Islands, Indon. (see *rumphii*). syn. *Pecteilis susannae* (L.) Raf.1837.

suscephalum: *sus*- ? After much reading, noted it's a grammatical change to *sub*- (see, *sub*-) + ref. *kephale*: head. cf. *Oncidium suscephalum*. syn. *O. barbatum*.

suspensa: *sus*-, see *sub*-+ ref. *pensus*: hang. cf. *Pleurothallis suspensa*.

sutepense: listed for place name: from Doi **Suthep**-Pui (N.Park), n.west Thailand. cf. *Bulbophyllum sutepense* (Rolfe ex Downie) Seidenf.& Smitin.1961.

sutepensis: as *sutepense*. cf. *Habenaria sutepensis* Rolfe ex Downie 1925. syn. *H. stenopetala*.

sutricalcar: see *Sutrina* + spur. Has a spur likened to an awl. cf. *Erythroides sutricalcar*.

Sutrina: Lindley 1842: ref. *sutrinus*: of shoe-making. Reported as ref. to an awl-like projection on the column. (An awl: a pointed tool used in shoe making. + See *subulate*). Noted as endemic and monotypic in Peru, cf. *Sutrina bicolor*.

suttonii: listed for C.S.Sutton (+ of), ex Vic.,1902. cf. *Prasophyllum suttonii* Ewart & Rees 1912. Noted as endemic to s.east Aust.

suturatum: ref. *sutura*: a seam + suffix: like; having, + see sutures. cf. *Epidendrum suturatum*.

sutures: not medical stitches. Is listed as ex *sutura*: a seam. Mostly for dehiscent lines of a capsule (where it splits), eg. "... capsule has undulate sutures." + Can ref. to an abscission line. See abscise, abscission layer.

suzanense: from Suzano city, sthn. São Paulo state, Brazil. cf. *Epidendrum suzanense* Hoehne 1938. syn. *Prosthechea suzanensis*.

suzanensis: as *suzanense*. cf. *Prosthechea suzanensis* (Hoehne) W.E.Higgins 1998.

swartifolium (+ *swartiifolium*): probably from old Eng., *swart*: swart. Swarthy; dark; sunburnt + leaf. cf. *Scaphosepalum swartifolium*.

swartziana: as *swartzii*. ex Jamaica, cf. *Maxillaria swartziana* C.D.Adams 1966.

swartzii: listed for Olof Peter Swartz (1760-1818), a Swedish phytologist and author. He introduced the genera *Dendrobium* and *Stelis* + he collected and wrote on the flora of the West Indies and Sth.America. Descs. accr. to him are abbr. to: Sw. cf. *Dendrobium swartzii* A.D.Hawkes & A.H.Heller 1957.

x *Sweetara*: G.W.Dillon: of Sweet. Ref. phytologist and author, Herman Royden Sweet (1911-1991). On the syn. list, cf. *Paraphalaenopsis* x *Rhynchostylis* x *Vanda*.

swenssonii: listed for orig.coll., Carl (Karl?) Swensson (+ of). cf. *Liparis swenssonii* F.M.Bailey 1906. Noted as endemic to eastn. Aust.

swertiifolia: same as *swartifolium*. cf. *Masdevallia swertiifolia*. syn. *Scaphosepalum swertiifolium*.

swertiifolium: same as *swartifolium*. cf. *Scaphosepalum swertiifolium*.

sybax: hog-like; swinish. cf. *Lepanthes sybax*.

syl-, *sym-*, *syn-*: used in compwds.: with; together with; at the same time; together.

sylhetense: for place name: from Rajnagar (aka. **Sylhet**), city of n.east Bangladesh. cf. *Acanthephippium sylhetense* Lindley 1831.

syllectum: ref. *syllectus*: gathered together; a collection. cf. *Bulbophyllum syllectum*. syn. *Bulbophyllum laxiflorum*.

sylv-, *sylvi-*: used in combwds., ref. *sylva*: forest; woodland.

Sylvalismis: Thouars 1822: *sylv-*: forest + ref. *Alisma*: a genus of swamp plants (not orchids, see "A"). The leaves are alluded to resemble those of *Alisma*.

sylvanum: ref. *sylvanus*: from a forest; of, or in the woods. + May ref. to Sylvanus: a minor Roman god of uncultivated lands. cf. *Dendrobium sylvanum*.

sylvatica: ref. *sylvaticus*: of, or belonging to a forest. cf. *Calanthe sylvatica*. + See *silvatica*.

sylvaticus: as *sylvatica*. cf. *Lissochilus sylvaticus*. syn. *Polystachya pubescens*.

sylvestre: forest; woods + habitat. cf. *Prasopphyllum sylvestre*. Noted as endemic to NSW. and Vic., Aust.

sylvestris: as *sylvestre*. cf. *Chiloglottis sylvestris*. Noted as endemic to eastn. Aust.

sylvicola: forest + dweller; resident. cf. *Caladenia sylvicola*. Noted as endemic to Tas., Aust.

sylvicolum: as *sylvicola*. cf. *Pseudocentrum sylvicolum*.

sylvicultrix: forest + inhabitant. cf. *Habenaria sylvicultrix*.

Sylvorchis: J.J.Sm. ex Schltr.1914: forest + orchid. syn. *Sylvorkis*.

symbiformis: *sym-*+ *bi-*+ *formis*: with + two + shapes. cf. *Stanhopea symbiformis*. syn. *Stanhopea oculata*.

symbiosis: a living together. The reliance and mutual co-existence between two unlike organisms, dependent on each other for their survival: a symbiotic relationship. A classic example, see lichen. + See mycorrhiza, mycotrophic, etc.

Symmeria: J.Graham 1839: *sym-*, see *syl-*+*-meria*: parts. eg. *Symmeria schizochilus* (: split + lip). syn. *Habenaria crinifera*.

symmetry: a harmonious relationship of parts; a very close correspondence of opposite sides of an object. eg. Lateral sepals are usually symmetrical.

symoensii: listed for phytologist, Jean-Jacques Symoens [+ of] (b1927). ex Malawi, Africa, cf. *Cynorkis symoensii* Geerinck & Tournay 1977.

sympatry: where two, or more conspecific species live closely together and yet hybridisation does not occur.

sympetalostele: with + broad + pillar; column. cf. *Epidendrum sympetalostele*.

x *Symphodontioda*: A.D.Hawkes. On the syn. list, cf. *Cochlioda* x *Odontoglossum* x *Symphyglossum*.

x *Symphodontoglossum*: A.D.Hawkes. On the syn. list, cf. *Odontoglossum* x *Symphyglossum*.

x *Symphodontonia*: Garay & H.R.Sweet. On the syn. list, cf. *Miltonia* x *Odontoglossum* x *Symphyglossum*.

x *Symphyglossonia*: A.D.Hawkes. On the syn. list, cf. *Miltonia* x *Symphyglossum*.

Symphyglossum: Schltr.1919: ref. *symphium*: grown together + tongue. Lip is adnate to the column. ex Ecuador, eg. *Symphyglossum sanguineum*.

Symphiosepalum: Hand.-Mazz.1936: grown together + sepals. ex Tibet and China, eg. *Symphiosepalum gymnadenioides*. syn. *Neottianthe gymnadenioides*.

sympodia: only ever noted this word the once and maybe it was conveniently coined for the occasion (?). Was in a general discussion: “..sympodia hung from the branches...”. Searched my refs. in vain, so I had an educated guess. If this word is valid, then it’s a good one for the habit of many species: for when the new stems, or pseudobulbs outgrow their host (rock, cliff, tree branch, flower pot, etc.) and continue growing out into space. If you have any exuberant plants with this habit, try this: layer (see “L”) the “sympodia”, then later cut them apart, divide the original (see back-cutting) into smaller clumps and re-pot them. A “no-risk” way to increase your collection.

sympodial growth: many species have growth buds (I call them “eyes”) at the base of the stem or pseudobulb, resembling small triangular, or tear-drop shaped doors, which in fact, is what they are. From these “eyes”, most having at least three, emerge the new growths. The growth of a stem, or pseudobulb is semi-limited by its genes and influenced by its environment, so once it has reached its full potential, it stops growing and concentrates on flowering, or putting out new growths, or both. Eventually it exhausts its flowering capacity, or its food reserves and then dies, leaving the new growths to continue the cycle. Some species, eg. *Agrostophyllum* having stem-like rhizomes, the new shoots can come from the axils of involucral bracts (of the rhizome). NB., Don’t try to take “cuttings” (see “C”), until you’re certain of the difference between sympodials and monopodials (see “M”). To separate sympodial growth, see back-cutting.

sympodiale: sympodial, see sympodia, sympodial growth. cf. *Epidendrum sympodiale*.

sympodialis: *sym-*, see *syl-* + ref. *podos*: foot + suffix: relative to. + See sympodial growth, sympodia. Ref. the branching, stem-like rhizome. cf. *Liparis sympodialis*.

syn-: used in compwds., see *syl-*: with, etc.

syn.: an abbreviation for: synonymous (to, or with). See synonym.

Synadena: Raf.1838: with + gland. Ref. the bifid gland at column apex. syn. *Phalaenopsis*.

Synanthes: Burns-Bal. H.Rob.& Merc.S.Foster 1985: see *syn-* + flower(s). + See synanthous (?). ex Mexico, Belize and Nicaragua, eg. *Synanthes borealis*.

synanthous: the inflorescence develops simultaneously with the growth of the stem, or pseudobulb and leaves. Occurs often with plants congeneric to *Coelogyne*.

Synarmosepalum: Garay, Hamer & Siegerist 1994. I wanted to trans. this as: *syn*-+ (*h*)*armos* (: a crack in a wall) + *sepalum*, but it's reported as ref. *synarmos* (: one word): joined together + sepals. Sepals are fused together. syn. *Bulbophyllum* Thouars.

Synassa: Lindley 1833: *syn*-: together (with) + ref. *asson*: nearer. Ref. the sepals, seem united. syn. *Sauroglossum* Lindl.

synchronous flowering: (not the same as gregarious flowering, see "G"). Many species, esp. those with ephemeral flowers have an interesting habit of all opening on the same day, so (some) are relatively assured of their reproduction. Some species, produce multiple racemes along the length of the rhizome, or at the base of the pseudobulbs and all will (more, or less) develop at the same rate of progress, all flowers open simultaneously and all have the same flowering maturation. I found a good example, that I remember well, see sketch and notes of *Rhinerrhiza moorei* at "M".

syndactyla: with + fingers. cf. *Dracula syndactyla*.

synema: ref. *synaimos*: kindred; a close blood-relation. Or, may ref. to *synemon*: companion; united (?). cf. *Lepanthes synema*.

syn. list: an extensive list of synonyms, inc. with the orchid list from the RBG. Kew, Eng. (see the bibliography). I used the words, "**On the syn. list**", for what I really wanted to say, ie. "Listed among the synonyms, without further info., or the "correct name". Noted the name was taken from.....". There are so many of these, that I had to shorten this somehow, as it was much unnecessary repetition.

Synmeria: Nimmo 1839: together + parts. Part of the petals and median sepal form a hood. syn. *Habenaria* Willd.

synonym: when the same plant is named two, or more times, the authorities decide its "correct name" (see "C"). Thus, the rejected name is a synonym (abbr. to, syn.: synonymous to).

Synoplectris: Raf. 1836: together (with) + spur. Ref. the spur (shape) formed by the connivent lateral sepals. syn. *Sarcoglottis* C. Presl.

Synptera: Llanos 1851, see *syn*-+ wing. syn. *Trichoglottis* Blume.

synsepal, synsepalum: listed as used to describe the joined lateral sepals, especially with *Cypripedilinae*. Hidden behind the lip they can be completely joined, or sometimes having the tips separated. + See ventral sepal.

synsepala: together + sepals. cf. *Stelis synsepala*.

synthesis: listed as the one word, lit.: composition; compounding. cf. *Masdevallia synthesis*.

syntype: of specimens in a herbarium: one used by an author when a holotype is not specified, or when two, or more are designated as the type.

syracusana: belonging to Syracuse Prov., and/or ref. the coastal city, s.east Sicily, Italy. cf. *Ophrys* x *syracusana* O. & E. Danesch. Of interest, see *Arethusa*.

syriaca: belonging to Syria, eastn. Mediterranean (borders Turkey). cf. *Anacamptis syriaca* (E.G.Camus, Bergon & A.Camus) R.M.Bateman, Pridgeon & M.W.Chase 1997.

syring-, *syringo-*: used in combwds.. Did this separate to aid the next entries and save much repetition. Ref. *syrinx*: a hollow reed; pipe; tube. In a grammatical change the "x" becomes a "g", same as *sphinx*: *sphing-*; *sphex*: *spheg-*, etc. Trivium: *syrinx* was also the name given to the magical, musical pipes of Pan (see *pan*).

syringifolia: see *syring-*+ leaf. cf. *Pleurothallis syringifolia*. syn. *P. canaligera*.

syringiiflorum: see *syring-*+ flower. cf. *Epidendrum syringiiflorum*. syn. *E. paniculatum*.

syringodes: see *syring-*+ resembling. cf. *Masdevallia tubulosa* ssp. *syringodes*.

syringodorum: see *syring-*+*-odorum*: perfumed. Or, could be: *syringo-*+*-dorum*, ref. *doron*: gift (?). cf. *Cymbidium syringodorum*. syn. *C. eburneum*.

syringothyrsis: see *syring-*+ see *thyrs-*: staff; stem, etc. cf. *Epidendrum syringothyrsis*.

Systeloglossum: Schltr.1923: ref. *systellum*: drawn together + tongue. Ref. margins of the lip, joined to the column (: adnate). ex Costa Rica, eg. *Systeloglossum costaricense*.

systemic poison: refs. to a commercial insecticide which is absorbed by a plant, throughout its entire system, at a dosage which will not harm it, but is (supposedly) deadly to its pests. I've heard some work well, but I don't know the effects of long-term, prolonged usage. I preferred an outer spray, rather than take any risks. + See notes at *nindii* ("N").

systema: ref. *systemos*: tapering to a point. cf. *Corunastylis systema*. syn. *Genoplesium systemum*. Noted as endemic to NSW., Aust.

systemochilum: ref. *systemos*: tapering to a point + lip. cf. *Bulbophyllum systemochilum*.

systemochilus: as *systemochilum*. cf. *Peltopus systemochilus*. syn. *Bulbophyllum systemochilum*.

systemum: see *systema*. cf. *Genoplesium systemum*.

systole: contraction. cf. *Lepanthes systole*.

systemmata: ref. *systemma*: consolidated; aggregated; rolled together, usually into a loose ball (-shape) + like; having (being). A similar and more well-known word, is *glomeratus*, see *glomerate*. cf. *Trichosalpinx systemmata*.

szaboiana: belonging to Szabó. Listed for botanist and author, Zoltán von Szabó (1882-1944). cf. *Dactylorhiza* x *szaboiana* (Soó) Soó 1961.

szechenyiana: could be for a person's name (+ belonging to), but also noted quite a few places, esp. in Hungary, with Széchenyi in the name. One, an important resort of the early Romans, were the hot springs baths, ref. **Széchenyi** Gyógyfürdő (Széchenyi Spa), of Budapest, Hungary. cf. *Orchis szechenyiana* Rchb.f. ex Kanitz.

szechuanensis: for place name: from Sichuan (aka. Szechwan) Prov., China. cf. *Cymbidium szechuanensis* S.Y.Hu 1973. syn. *Cymbidium macrorhizon*.

szechuanica: as *szechuanensis* (+ different suffix: belonging to). cf. *Cephalanthera szechuanica* Schltr.1924.

szechuanicum: as *szechuanica*. cf. *Cymbidium faberi* var. *szechuanicum* (Y.S.Wu & S.C.Chen) Y.S.Wu & S.C.Chen 1980.

szernaoensis: for place name (+ from), listed as ex Yunnan Prov., China. cf. *Malaxis szernaoensis* T.Tang & F.T.Wang 1951.

szetschuanica: see *szechuanicum*. cf. *Eria szetschuanica* Schltr.1922.

szlachetkianum: as next entry. cf. *Crepidium szlachetkianum* Marg.2002 (syn.).

szlachetkoana: belonging to Szlachetko. Listed for phytologist and author, Dariusz L.Szlachetko (b1961). Descs. accr. to him are abbr. to Szlach. ex Mexico, cf. *Schiedeella llaveana* ssp.*szlachetkoana* R.González 2000.

tabacina: see *tabacinus*. cf. *Pleurothallis tabacina*.

tabacinus: a vague colour term, ref. *tabacum* + see *-ina*: tobacco coloured, a yellowy brown.

tabanensis: for place name (+ from), only listed as ex Colombia. cf. *Telipogon tabanensis* Dodson & R.Escobar 1993.

tabanifera: ref. *tabanus*: a gad-fly, or horse-fly + bearing. cf. *Ophrys tabanifera*. syn. *O. bombyliflora*. Had to smile, one says a gad-fly and the other, a beefly. Alluding to a flower. + See *bombyli-*.

tabernaemontani: can't trace this. Possibly ref. *tabernae*: (ancient) adjoining small one-room shops + (of a) mount (hill). Noted a place famous for a major complex of *tabernae*, mostly extant, ref. Monte Quirinal (Quirinal Hill), Rome. As this species is also listed to be from Italy, perhaps it was found in the vicinity, of Monte Quirinal (?). cf. *Orchis tabernaemontani* C.C.Gmel.1808. syn. *Anacamptis laxiflora*.

tabiyahanensis: for place name (+ from), only listed as near Mt.Ayushan, Taiwan. cf. *Cheirostylis tabiyahanensis* (Hayata) N.Pearce & P.J.Cribb 1999.

tabulare: ref. *tabularis*: of plates; flattened; plate-like. cf. *Catasetum tabulare*.

tabularis: as *tabulare*. cf. *Liparis tabularis*. syn. *L. atrosanguinea*.

tacanensis: from Volcán **Tacaná** (volcano) of San Marcos, Guatemala. cf. *Stelis tacanensis* Solano & Soto Arenas 2003.

tacarcunense: from Cerro Tacarcuna (mtn. peak), Darién Prov., Panama. cf. *Epidendrum tacarcunense* Hágsater 1999.

tachireense: from Táchira state, westn. Venezuela. cf. *Epidendrum tachireense* Foldats 1968.

tachirensis: as *tachireense*. cf. *Lepanthes tachirensis* Foldats 1968.

tacitum: ref. *tacitus*: silent; hidden; secret; concealed. cf. *Bulbophyllum tacitum*. syn. *Bulbophyllum trifolium*.

tadgellianum: listed for orig.coll., Alfred James Tadgell (1863-1949), noted Aust. naturalist. ex Vic., Aust., cf. *Prasophyllum tadgellianum* R.S.Rogers 1923. syn. *P. alpinum*. Noted as endemic to s.east Aust.

taeni-, *taenio-*: used in compwds., ref. *taenia*: a band; ribbon; strap; tape; fillet; headband.

taeniale: see *taeni-*+ relative to. cf. *Kingidium taeniale*. syn. *Phalaenopsis taenialis*.

taenialis: as *taeniale*. cf. *Phalaenopsis taenialis*.

taeniodema: see *taeni-*+ *dema*: bundle; band. cf. *Habenaria taeniodema*.

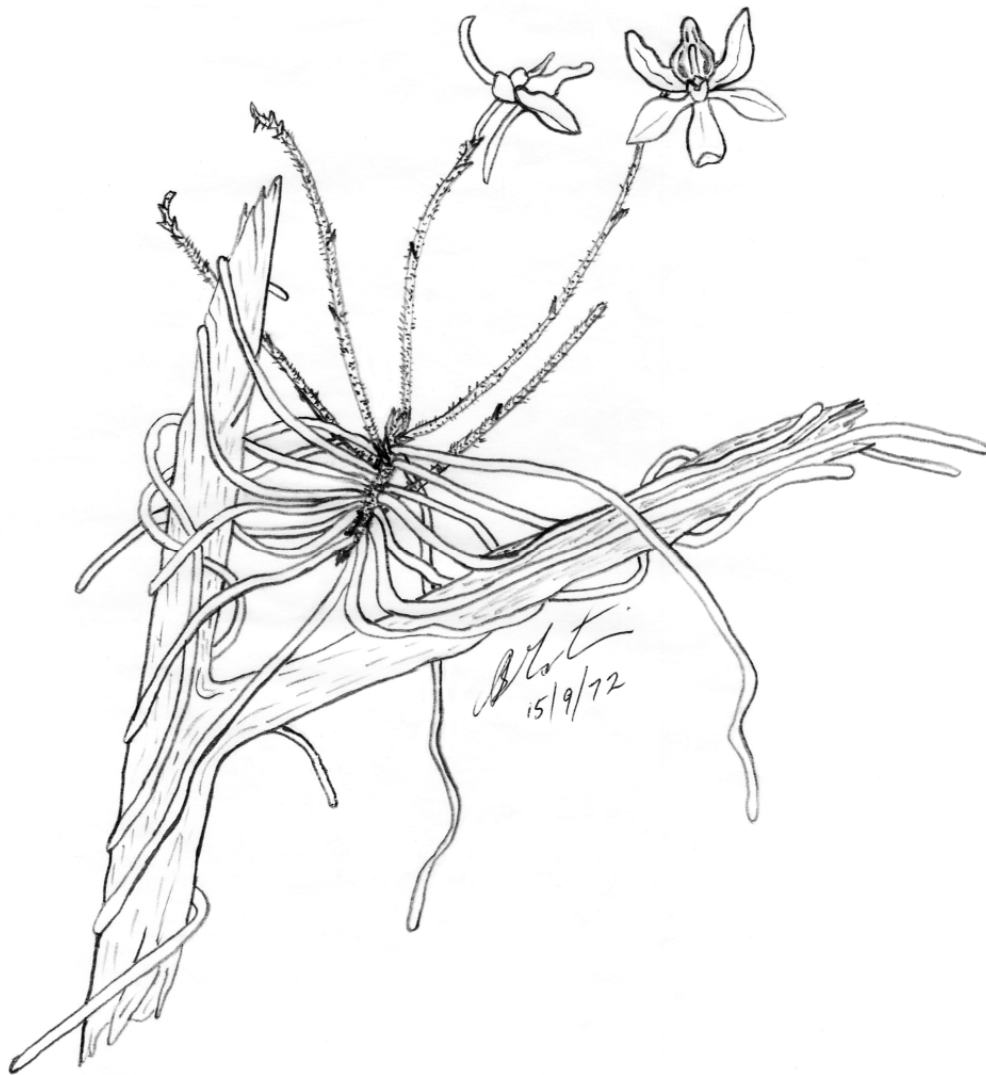
taenioides: see *taeni-*+ resembling. cf. *Calanthe taenioides*.

taeniophylla: as *taeni-*+ leaf. cf. *Phyllorkis taeniophylla*. syn. *Bulbophyllum taeniophyllum*.

taeniophylloides: see *taeni-*+ leaf + resembling. cf. *Mystacidium taeniophylloides*. syn. *M. venosum*.

Taeniophyllum: Blume 1825: see *taeni-*+ leaf. An epiphyte which doesn't have leaves, the *taenio-*(see *taeni-*), refs. to the roots, that among other functions, also serve as leaves. ex New Guinea, eg. *Taeniophyllum robustum*. + See sketch and notes.

Taeniophyllum sp. (?).
ex Eilogo, PM.PNG., July '71. Sketch, natural size.



I once described these as: "a bundle of roots, coming from nowhere and going everywhere". I would never have noticed this one if it hadn't been in flower, because at the time, didn't really know how to look for these fascinating species. Monanthous with a brilliant, fully expanded, iridescent white flower, approx. 25mm.(1") across. It had sky blue smudges on the lip, a long spur and a very pleasant, sweet perfume. They open before dawn (for early morning moths?) and sadly, by noon are almost completely wilted (see fugacious, etc.).

For many years, on the advice of “more learned colleagues”, I called this *Taeniophyllum robustum*, but Dr. Schlechter says *T. robustum* has an orange-yellow flower. Another species I found at the Laloki River, PM.PNG. on 1/1/'72. (New Year's Day, I was surprised I could see the bush from the trees!). This little beauty had a raceme c13 mms. (1/2") long with 3 (or 4, not certain), bright red, pin-head sized flowers. The plants were spread everywhere in the low-level scrubby bushes. *Taeniophyllum*, strangely enough, belongs to the *Vanda-Arachnis* tribe. Fancy trying to take “cuttings” from these, however theoretically, it is possible as they are Monopodials (see “M”). You'd have to be a micro-surgeon to cut up the little red one I just mentioned.

taeniophyllum: see *taeni*-+ leaf. cf. *Bulbophyllum taeniophyllum*.

taeniorhiza: see *taeni*-+ root (s, + see *rhiza*). cf. *Bogoria taeniorhiza*.

taeniorhizus: as *taeniorhiza*. cf. *Sarcochilus taeniorhizus*. syn. *Bogoria taeniorhiza*.

Taeniorrhiza: Summerh.1943: see *taeni*-+ root(s). eg. *Taeniorrhiza gabonensis* (: from Gabon). Noted as monotypic and endemic to west central trop. Africa.

taeter: ref. *teter*: repulsive; foul, etc. Ref. the “perfume”. cf. *Bulbophyllum taeter*.

tagalensium: has to be a coined, Lat'd. word. Ref. Tagala: one of the main languages of the Philippines. + Ref. Tagalog: one who is of the main Malay people of the Philipp.+ suffix: relative to. The specep. possibly, simply infers that the plant is a “native” of the region. cf. *Appendicula tagalensium* Kraenzl.

taguariense: for place name (+ from), listed as ex Goiás state, westn.central Brazil. cf. *Catasetum taguariense* L.C.Menezes & Braem 1993.

tahanense: for place name: from Gunung Tahan, Pahang state, Peninsula Malaysia. Noted as the highest mtn. of the Malay Peninsula. cf. *Bulbophyllum tahanense* Carr 1930.

tahanensis: as *tahanense*. cf. *Eria tahanensis* Ridl. syn. *Eria ridleyi*. Interesting to note, he obviously didn't recognise it as it had already been named for him (see *Ridleyella*).

tahitense: from Tahiti. cf. *Bulbophyllum tahitense* Nad.1873.

tahitensis: from Tahiti (also see *taitensis*). cf. *Liparis clypeolum* var.*tahitensis* F.Br.1930. syn. *L. clypeolum*. + See next entry.

tahitensis: another entry as this is from Tahiti, but is also listed as ex Florida, USA. (?). cf. *Vanilla tahitensis* J.D.Moore.

tahitiense: from Tahiti. cf. *Bulbophyllum tahitiense* Nad. Was listed as such, but the official listing is *B. tahitense*.

taibaiense: for place name (+ from). only listed as ex Shaanxi (aka. Shaan-hsi) Prov., China. Probably refs. to Taibai Shan (mtn. peak), but possibly also ref. Taibaihe village (?). cf. *Cypripedium taibaiense* G.H.Zhu & S.C.Chen 1999.

taichungensis: for place name (+ from). Could ref. to Yüan-lin (aka. **T'ai-chung**) a village, or **T'aichung** (major city), both of central westn. Taiwan. cf. *Cheirostylis taichungensis* S.S.Ying 1990. syn. *C. cochinchinense*.

taichungianum: belonging to T'ai-chung (? see *taichungensis*). cf. *Bulbophyllum taichungianum* S.S.Ying 1978. syn. *B. albociliatum*.

taiensis: for place name, could be: from Khao Soidao Tai; Khap Thong Tai, or is just another spelling for Thai(-land ?), + suffix: from, etc. cf. *Gastrodia taiensis* Tuyama 1941.

Tainia: Blume 1825: same as *taeni*:- ribbon; band, etc. Ref. keels on the labellum (likened to bands). ex Thailand, eg. *Tainia speciosa*.

tainioides: see *taini*-+ resembling, or *Tainia* + resembling (?). cf. *Eulophidium tainioides*.

Tainiopsis: Hayata 1914: see *Tainia* + appearance. syn. *Tainia* Blume. + See next entry.

Tainiopsis: Schltr.: *Tainia* + appearance. syn. *Eriodes* Rolfe.

taipoensis: from Tai Po city, Hong Kong SAR., China. cf. *Peristylus spiranthes* var.*taipoensis* S.Y.Hu & Barretto 1976. syn. *P. lacertifer*.

tairae: for place name ex the Ryukyu (Nansei-Shoto) islands, sth. of Japan. There are a few places called Taira, ref. Hirara, Higashi (towns) and Taira-shima island(s). cf. *Cheirostylis tairae* (Fukuy.) Masam.1964.

tairukouensis: for place name (+ from), only listed as ex east Taiwan. cf. *Malaxis tairukouensis* S.S.Ying. syn. *M. microtatantha*.

tairukounia: as *tairukouensis* (+ different suffix: of). cf. *Flickingeria tairukounia* (S.S.Ying) T.P.Lin 1987. Noted as endemic to Taiwan.

taitensis: from Taita Hills area, s.east Kenya, Africa. cf. *Eulophia taitensis* Pfennig & P.J.Cribb 1977. + See next entry.

taitensis: from Tahiti (aka. **Taiti**), Society Islands, French Polynesia. cf. *Goodyera taitensis* Blume 1858.

taitoensis: listed for place name (+ from) ex Taiwan. Noted, the official listing says ref. T'aitung (T'ai-tung ?, see *taitungensis*). cf. *Nervilia taitoensis* (Hayata) Schltr.

taitungensis: from T'ai-tung, a south-east coastal city of Taiwan. cf. *Orchis taitungensis* S.S.Ying. syn. *Ponerorchis taiwanensis*.

taivanensis: listed as Lat'd. spelling: from Taiwan. cf. *Ponerorchis taivanensis* (Fukuy.) Ohwi 1936.

taiwanense: from Taiwan. cf. *Bulbophyllum taiwanense* (Fukuy.) K.Nakaj.1973.

taiwanensis: from Taiwan. cf. *Cheirostylis taiwanensis* Yamam.1933. syn. *C. chinensis*.

taiwaniana: belonging to Taiwan. cf. *Cryptostylis taiwaniana* Masam.1933.

taiwanianum: belonging to Taiwan. cf. *Cymbidium sinense* var.*taiwanianum* S.S.Ying 1987. syn. *C. sinense*.

taiwanianus: belonging to Taiwan. cf. *Gastrochilus taiwanianus* S.S.Ying 1997. syn. *G. japonicus*.

taizanensis: for place name (+ from), listed as ex Mt. Nanhutashan, Taiwan. cf. *Listera taizanensis* Fukuy.1934.

tajacayaense: for place name (+ from), only listed as ex Peru. cf. *Pachyphyllum tajacayaense* D.E.Benn.& Christenson 2001.

takadui: cf. *Cadetia takadui* Schltr.1912. Listed to be for one of his loyal native collectors who came from Bungaring, New Ireland and was a valuable assistant during Dr.Schlechter's expeditions to German New Guinea (PNG.).

takahashii: listed for orig.coll., botanist and author, Yoshinao Takahashi (?-1914). Descs. accr. to him are abbr. to: Takah. ex Borneo, cf. *Dendrobium takahashii* Carr 1934.

takasago-montana: for place name (of Mt.Takasago?), only listed as ex eastn. central Taiwan. cf. *Ponerorchis takasago-montana* (Masam.) Ohwi 1936.

talagensis: for place name (+ from) listed as ex Java (or, Sumatra?). cf. *Pholidota talagensis*. syn. *Pholidota camelostalix*.

talamancana: as *talamancanum*. cf. *Cranichis talamancana* Dressler 1998.

talamancanum: for place name (+ belonging to), listed as ex Costa Rica. May ref. to the Cordillera de Tamanca, a mtn. range of central Costa Rica. Also noted, a village of Limon, s.east Costa Rica. cf. *Epidendrum talamancanum* (J.T.Atwood) Mora-Ret.& Garcia Castro 1991.

talamauense: from Gunung Talamau (mtn. peak) of Sumatera Barat, central westn. Sumatra. cf. *Dendrochilum talamauense* J.J.Sm.

talasea; listed for place name: Talasea, Kimbe Bay, New Britain, PNG. cf. *Dendrobium talasea* Hort. syn. *Dendrobium helix*.

talauense: for place name: from Talau, officially listed as ex Peninsula Malaysia. But, could only locate a minor city of n.east Sulawesi Tengah, Sulawesi, and/or two villages on Sumatra, Indon.(?). cf. *Bulbophyllum talauense* (J.J.Sm.) Carr 1932.

talaudense: from the Talaud Islands, Indon.(s.east of Mindanao, Philipp.). cf. *Dendrobium talaudense* J.J.Sm.1930. syn. *D. purpureum* ssp. *candidulum*.

talaudensis: as *talaudense*. cf. *Malaxis talaudensis* (J.J.Sm.) S.Thomas, Schuit.& de Vogel 2002.

talbotii: listed for noted grower, J.Talbot Clifton (+ of) of Lancashire, Eng., first to flower it. ex Africa, cf. *Bolusiella talbotii* (Rendle) Summerh.1936.

taliensis: from Dali city (aka. **Ta-li**), near Er Hai (lake) westn. Yunnan Prov., China. cf. *Corybas taliensis* T.Tang & F.T.Wang 1951.

tallosii: of Tallós. Listed as ex Slovakia, may be for a person's name. + Ref. Tállos (: Tomasikovo), a town of s.west Slovakia (?). cf. *Epipactis tallosii* A.Molnár & Robatsch 1997.

Talpinaria: H.Karst.1859: ref. *talpa*: a mole (as, a skin blemish) + like + suffix: relative to.+ Ref. *talpinarius*: of moles. Ref. labellum lobes. syn. *Pleurothallis* R.Br.

talpinaria: as last entry. cf. *Pleurothallis talpinaria*.

talpinarioides: see *Talpinaria* + resembling. Reported as likened to *Pleurothallis talpinaria*. cf. *Pleurothallis talpinarioides*.

taltalensis: listed for place name: from Taltal, a minor coastal city of Región de Antofagasta, Chile. cf. *Bipinnula taltalensis* I.M.Johnst.1929.

taluiensis: for place name (+ from), only listed as ex Peninsula Malaysia. cf. *Eria taluensis* J.J.Sm.1920. syn. *Eria pellipes*.

tamaense: from Tama. Listed for place name ex Táchira state, n.west Venezuela. Probably for the *Parque nacional* (N.Park) **El Tama**. cf. *Epidendrum tamaense* Foldats 1968.

tamaensis: as *tamaense*. cf. *Lepanthes tamaensis* Foldats 1968.

tamanduense as *tamanduensis*. cf. *Stenorrhynchos tamanduense* Kraenzl.1911. syn. *Pelexia tamanduensis* (Kraenzl.) Schltr.

tamanduensis: from Tamanduá. Only listed as ex sthn.Brazil, there are many places (towns and villages) of this name. cf. *Habenaria tamanduensis* Schltr.1919.

tamarandindicolum: ex Madagascar, cf. *Angraecum tamarandindicolum*. Not sure if this species is valid as it was only given a passing mention, without description, author notation, or any other details and wasn't listed anywhere else in the book (ref. Hillerman & Holst 1986). This specep. denotes its habitat: grows on the tree, *Tamarindus indica*, for more details see *tamarindicolum*.

tamarindicolum: Tamarind (tree) + resident; dweller. cf. *Angraecum tamarindicolum* Schltr.1925. ex Madagascar, is reported to grow exclusively on Tamarind trees: ref. *Tamarindus indica* of the pea family, *Fabaceae*. (+ See *tamarandindicolum*.)

tamaulipensis: from Tamaulipas. Ref. Cerro Tamaulipas (mtn. peak), and/or of Tamaulipas state, Mexico. cf. *Notylia tamaulipensis* Rchb.f.1860.

tamayoana: belonging to Tamayo, see *tamayoi*. ex Mexico, cf. *Malaxis tamayoana* Garay & W.Kitt. ex McVaugh 1985.

tamayoi: listed for phytologist and author, Roberto Gonzáles Tamayo (+ of). ex Jalisco, Mexico, cf. *Deiregyne tamayoi* Szlach.1996.

Tamayorchis: Szlach.1995: "Tamayo's orchid", see *tamayoi*. syn. *Malaxis* Sol. ex Sw.

tamboana: belonging to Tambo, only listed as ex Ecuador. Have noted three places (villages), one each in the provinces of Azuay, Pichincha and Sucumbíos (?). cf. *Cleistes tamboana* Dodson & Carnevali 1997.

tamboensis: from Tambo, see *tamboana*. cf. *Dichaea tamboensis* Dodson 1989.

tamesii (+ noted as *tamesisii*): ex the Philipp. Listed for Florencio Tames (Tamesis ?). ex the Philipp., cf. *Staurochilus tamesii* (Quis. & C.Schweinf.) Fessel & Lückel 1998.

tamiana: is only listed as ex New Guinea. Possibly: belonging to the Tami Islands, due east of Lae, off the Huon Peninsula, PNG. cf. *Glomera tamiana* J.J.Sm.1934.

tamianum: as *tamiana*. cf. *Taeniophyllum tamianum* J.J.Sm.1914.

tampangii: of Tampang. May be for a person's name, but also possibly for a place name. Listed as ex Sulawesi, noted there is a town and a village on nearby islands, called Tampang (?). cf. *Dendrobium tampangii* P.O'Byrne 2001.

tampense: from Tampa Bay, Florida, USA. cf. *Epidendrum tampense* Lindley 1847. syn. *Encyclia tampensis*.

tampensis: as *tampense*. cf. *Encyclia tampensis* (Lindley) Small 1913.

tampoketsense: for place name (+ from), only listed as ex central Madagascar. cf. *Bulbophyllum tampoketsense* H.Perrier 1937.

tamponensis: listed for place name: from Le Tampon, a town of sthn. Petit Île, Réunion Islands, east of Madagascar. cf. *Cynorkis tamponensis* Schltr.1915.

tamurensis: for place name (+ from), listed as ex the eastn. Himalayas and Nepal. cf. *Malaxis tamurensis* Tuyama 1966.

tanarivensis: for place name: from Tanarive, now Antananarivo, capital city of Madagascar. cf. *Cynorkis angustipetala* var. *tanarivensis* H.Perrier 1931.

tanayensis: by the given locations maybe: from the river Tanais (?), an ancient name for the river Don, Russia (empties into the Black Sea). cf. *Anacamptis pyramidalis* var. *tanayensis* Chenev.1897. syn. *Anacamptis pyramidalis*.

tancarvilleae: see *tankervilleae*. cf. *Phaius tancarvilleae*. syn. *P. tankervilleae*.

tandapianum: as *tandapianus*. cf. *Epidendrum tandapianum* Dodson & Hágsater 1989.

tandapianus: belonging to Tandayapa (village), a little n.west of Quito city, Pichincha, Ecuador. cf. *Cyclopogon tandapianus* Dodson 1993.

tanegashimensis: see *tanegasimense*. cf. *Aphyllorchis tanegashimensis* Hayata 1911. syn. *A. montana*.

tanegasimense: for place name: from Tanega-Shima (aka. **Tane-ga-Sima**) island(s), of the Ryukyu Islands group (Nansei-shoto), Japan. cf. *Bulbophyllum tanegasimense* Masam.1968. syn. *Bulbophyllum macraei*.

tanganyikae: of Tanganyika, a state of Tanzania, Africa. cf. *Eulophia tanganyikae* Kraenzl.1900. syn. *E. parvula*.

tanganyikense: from Tanganyika, Africa (see *taganyikae*). cf. *Mystacidium tanganyikense* Summerh.1945.

tanganyikensis: as *tanganyikense*, listed as ex the Nguru Mtns. cf. *Brachycorythis tanganyikensis* Summerh.1962.

tangerinum: see *tangerinus*: an orange colour. cf. *Dendrobium tangerinum* P.J.Cribb 1980. I was surprised to note the publishing date of this beautiful species, as c1969, I had brought home a plant, from the bush, thinking it to be *Dendrobium antennatum*. I didn't really want more of them, but there seemed to be something slightly "different" about this one. Didn't note where I found it, but am confident it was ex the Subitana area, PM.PNG. Imagine my excitement when it flowered!

tangerinus: a colour term: a clear, full, slightly reddish-orange. Likened to the fruit, tangerine.

tangianus: belonging to Tang, see *tangii*. ex Yunnan Prov., China, cf. *Peristylus tangianus* S.Y.Hu 1974. syn. *P. ecalcaratus*.

tangii: listed for phytologist and author, T.Tang (1897-1984). ex Yunnan Prov., China, cf. *Holcoglossum tangii* Christenson 1998.

tangmaiensis: from Tangmai (village), Tibet. cf. *Calanthe tangmaiensis* K.Y.Lang & Tateishi 1992. syn. *C. griffithii*.

Tangtsinia: S.C.Chen 1965. Listed for Chinese botanist, naturalist and author, Tsin Tang [+ of] (1897-1984). syn. *Cephalanthera* Rich.

tangutica: belonging to the Tangut. Tibetan people who inhabited a n.west region of China (noted as now, Kansu Prov. and into Inner Mongolia). They declared their kingdom (: Hsi Hsia) in 1038, flourishing for over two centuries until overrun by invading Mongols. An oblique ref. to where the plant was found, cf. *Epipactis tangutica* Schltr.1919. syn. *Epipactis helleborine*.

tanguticum: as *tangutica*. cf. *Herminium alaschanicum* var. *tanguticum* Maxim.1887. syn. *Herminium monorchis*.

tanii: listed for botanist and author, Kit W.Tan (b1953). ex Ecuador to Peru, cf.
Dipterostele tanii (Dodson) Garay & G.A.Romero 1998. syn. *Stellilabium
astroglossum*.

tankervilleae: (+ many other variations of the spelling): many books, with many different interpretations! One comment was: who should know better how to spell the nthn. French town of Tancarville (?), than the Frenchman, Mon.C.L.L'Heritier de Brutelle, who well knew the lady and the town of her family name? It is noted he sent the plant to Joseph Banks requesting the specep. for the Countess of Tancarville (Tankerville?) and Banks described it (1789) as *Limodorum tankervilleae* Banks ex L'Hér. But then Carl Blume t/fd. it to *Phaius* and now it's *Phaius tankervilleae*. I had a fine specimen given to me, a most beautiful and spectacular terrestrial however you want to spell it!

Tankervillia: Link 1829: see *tankervilleae*. syn. *Phaius* Lour.

tantilla: ref. *tantillus*: so small; so little; so petty. cf. *Trichosalpinx tantilla*.

tany-: used in combwds., ref. *tanyo*: stretched out.

tanyphyllum: stretched out + leaf. cf. *Pteroceras tanyphyllum*. syn. *P. cladostachyum*.

tanyphyllus: as *tanyphyllum*. cf. *Sarcochilus tanyphyllus*. syn. *Pteroceras cladostachyum*.

tanypoda: stretched out + foot. cf. *Pterostylis tanypoda*. Endemic to Sth.Island, NZ.

tanypodus: as *tanypoda*. cf. *Hymenochilus tanypodus*. syn. *Pterostylis tanypoda*.

tanyrhina: stretched out + ref. *rhine*: file, or *rhinos*: nose (?). cf. *Pleurothallis tanyrhina*.

tanystiche: stretched out + see *stich-*: a row, etc. Ref. the raceme. cf. *Bulbophyllum tanystiche*.

Tapeinoglossum Schltr.1913: ref. *tapeinos*: low; humble; modest + tongue. eg.

Tapeinoglossum centrosemiflorum. syn. *Bulbophyllum centrosemiflorum*. Pers.coll., ex Itikinu, PM.PNG., June '70.

tapingense: listed for place name: from the Taping River, Bhamo Division, Burma (now, part of Kachin State, nthn.Myanmar). cf. *Denrobium tapingense* W.W.Sm.1921.

tapiniense: for place name: from Tapini, a town nne.of PM.PNG.(about 100 miles by air and probably twice that, on foot). cf. *Dendrobium tapiniense* T.M.Reeve1980.

tapirapoanensis: from Tapirapoã (Tapirapuã), a town of Mato Grosso state, Brazil. cf. *Notylia tapirapoanensis* Hoehne 1910.

tapiriceps: ref. a tapir: a central and Sth.American pig-like animal with a snout, like a trunk + see *-ceps*: small head. Listed as a natcross, ex Brazil, cf. *Catasetum x tapiriceps* Rchb.f.1888.

tapiricataractae: haven't any precedent, but is probably for a place name: of Tapir Fall(s), as *cataractae* (ref. *kataraktes*): of a waterfall; fall; cataract. Only listed as ex Venezuela, cf. *Octomeria tapiricataractae* G.A.Romero & Luer.

tapirus: tapir (: the animal). Ref. the lip (+ see *tapiriceps*). cf. *Bulbophyllum tapirus*. syn. *Bulbophyllum stormii*.

tapoayensis: for place name (+ from), listed as ex Rôndonia, Brazil. cf. *Mormodes tapoayensis* F.E.L.Miranda & K.G.Lacerda1992.

Taprobanea: Christenson 1992. Don't know if this is relevant: my only ref. is to a book, "The Reefs of **Taprobane**" Arthur C.Clarke 1957. At that time, it was listed as a

new publication and concerned Ceylon (Sri Lanka). Noted as ex sthn. India and **Sri Lanka**, eg. *Taprobanea spathulata*. syn. *Vanda spathulata*.

taquaremboense: this species is listed as, ex sthn. Brazil to Uruguay. For place name (+ from), ref. Taquarembó, a village of Rio Grande do Sul, a little north of Santa Maria city, s.east Brazil. Also, could ref. to Tacuarembó Department and/or the city, of nthn. Uruguay. cf. *Stenorrhynchos taquaremboense* Barb.Rodr.1901. syn. *Cyclopogon taquaremboensis*.

taquaremboensis: as *taquaremboense*. cf. *Cyclopogon taquaremboensis* (Barb.Rodr.) Schltr.1920.

taquariense: for place name (+ from), listed as ex westn.central Brazil, ref. Taquari village, of Acre state (?). cf. *Catasetum taquariense* Bicalho, F.Barros & Moutinho 1984.

taracuana: belonging to the *Floresta Nacional Taracua I* (national forest), Amazonas state, Brazil. cf. *Maxillaria taracuana* Schltr.1925.

Taraireia: Hatch. Reported to prefer growing under the tree: *Beilschmeidia tararai*. ex NZ. Noted it was described as a subgenus to *Yoania*. syn. *Yoania*.

tarantula: lit., tarantula (the spider). The word is also associated with (unnatural) “dancing” (ie., probably if you are bitten!). cf. *Pleurothallis tarantula*.

tarapotana: from Tarapoto, city of San Martín Department, west Peru. cf. *Dimerandra tarapotana* Dodson & D.E.Benn.

tarberi: reported to be from a local aboriginal language for this kind of plant. cf. *Dendrobium tarberi* M.A.Clem.& D.L.Jones. syn. *D. speciosum* var.*hillii* Mast.1877. Noted as endemic to Qld., Aust.

tardans: ref. *tardus*: late; slow + suffix: being late. Listed as refs. to its flowering time, later than others of its ilk. cf. *Ophrys x maremmae* nothosubsp.*tardans*.

tardeflorens: late + flowering; blooming. cf. *Bulbophyllum tardeflorens*.

tardiflora: late + flower(s). cf. *Prosthechea tardiflora*.

tardum: ref. *tardus*: late; slow. cf. *Dendrochilum tardum*. syn. *D. gracilis*.

tarentina: listed as Lat’d. spelling for place name: of *Tarantum*: Taranto, for the Gulf, province, or the coastal city of sthn. Italy. cf. *Ophrys tarentina* Golz & Reinhard. syn. *O. promontorii*.

tarmense: from Tarma (village), Vargas state, nthn. Venezuela. cf. *Epidendrum tarmense* Schltr.1921. syn. *E. secundum*.

taronensis: for place name (+ from), listed as ex Yunnan Prov., China. cf. *Liparis taronensis* S.C.Chen 1983.

tarquiense: listed for place name (+ from). Noted three villages in the near proximity of Cuenca city, capital of Azuay Prov., central Ecuador. Ref. Curi Tarqui, Mama Tarqui and Guagua Tarqui. cf. *Oncidium tarquiense* Stacy 1975. syn. *Caucaea tarquiensis*.

tarquiensis: as *tarquiense*. cf. *Caucaea tarquiensis* (Stacy) N.H.Williams & M.W.Chase 2001.

tarquinia: refs. to Tarquinia (formerly Corneto) a town of Viterbo Prov., Lazio, central Italy. cf. *Ophrys tarquinia* P.Delforge. syn. *O. sphegodes*.

tarumaensis: listed for place name: from Taruma. It is noted as from Venezuela, Cuba and French Guiana to nthn. Brazil. Possibly ref. Taruma (village), Falcón state, Venezuela. cf. *Maxillaria tarumaensis* Hoehne 1947. syn. *M. superflua*.

tarumana: belonging to Taruma, see *tarumaensis*. cf. *Encyclia tarumana* Schltr. 1925.

tarumanum: as *tarumana*. cf. *Epidendrum tarumanum* (Schltr.) A.D. Hawkes 1957. syn. *Encyclia tarumana*.

tasmanica: belonging to Tasmania, Aust. cf. *Diuris sulphurea* forma *tasmanica* Gand. 1900. syn. *Diuris sulphurea*. Noted as endemic to eastn. Aust.

tasmanicum: as *tasmanica*. cf. *Genoplesium tasmanicum* D.L. Jones 1998. Noted as endemic to Tas., Aust.

tasmanicus: belonging to Tasmania* (Aust.). cf. *Plumatichilos tasmanicus* (D.L. Jones) Szlach. 2001. syn. *Pterostylis tasmanica* D.L. Jones 1994. *Not exclusively, as noted it's also found in Victoria state and NZ.

tatei: of Tate. Listed for botanist, Ralph Tate (1840-1901). ex Venezuela, cf. *Zygosepalum tatei* (Ames & C. Schweinf.) Garay & Dunst. 1972.

tatewakii: listed for botanist and author, Misao Tatewaki (b1899). ex Ryukyu Islands (Nansei-shoto, Japan) to Taiwan. cf. *Cheirostylis tatewakii* Masam. 1932.

tattoniana: as *tattonianum*. ex New Guinea to nthn. Aust., cf. *Callista tattoniana* (Bateman ex Rchb.f.) Kuntze 1891. syn. *Dendrobium canaliculatum*.

tattonianum: belonging to Tatton. Listed as first flowered by Lord Egerton of **Tatton**, Eng. cf. *Dendrobium tattonianum* Bateman ex Rchb.f. 1865. syn. *D. canaliculatum*.

taubertiana: belonging to Taubert. For botanist, naturalist and author, Paul Hermann Wilhelm Taubert (1862-1897). ex Brazil, cf. *Habenaria taubertiana* Cogn. 1893.

Taurantha: D.L. Jones & M.A. Clem. 2002: ref. *taurus*: bull + flower, or see anther. syn. *Pterostylis* R.Br.

taurica: Lat'd. spelling for place name: belonging to *Tauria*: Crimea. Ref. the Crimean Peninsula, sthn. Russia. cf. *Orchis taurica* Lindley 1835. syn. *Neotinea tridentata*.

taurina: ref. *taurinus*: of bulls (ref. *taurus*: a bull +-*ina*: like, etc.). cf. *Luisia taurina*.

taurinum: as *taurina*. Flower likened to a bull's head. cf. *Dendrobium taurinum*.

Taurostalix: Rchb.f. 1852, ref. *taurus*: bull + see *stalix*: stake (column). Has small projections on the column, likened to a bull's horns (see stelidia). syn. *Genyorchis*.

taurulinum: ref. *taurulus*: small bull + see -*ina*: like, etc. cf. *Dendrobium taurulinum*.

taurus: a bull. Flower was likened to a bull's head, the horns are the tips of the petals, pointing forward. cf. *Pterostylis taurus*. Noted as endemic to nth. Qld., Aust.

taveuniense: (phonetic spelling?), listed for place name: from Tavenui Island, Fiji. cf. *Dendrobium taveuniense* Dauncey & P.J. Cribb 1993.

taxis: arrangement; order. cf. *Pleurothallis taxis*.

taxon (sing.), taxa (pl.): listed as orig. ex Gk, *taxis*: an arrangement; order. A named taxonomic group of any rank. eg. *Dendrobium* is a taxon.

taxonomist: this word applies to both flora and fauna, for one skilled in the science of classification and identification. The examination and description, in the minutest detail, of every organ and part for an exact determination. Throughout this text, when discussing a person, I may say he, or she is a "taxonomist", when

I'm not certain if this person was only involved with flora (ie., a phytologist: a botanical taxonomist) but, I also have noted that they did describe and name (some) plants. + See phytography, phytologist. Of interest, also see cytology.

taxonomy: the principles of taxology. The science of classification and identification of both flora and fauna. + See taxonomist, phytologist.

tayacajaensis: for place name (+ from), only listed as ex Peru. cf. *Telipogon tayacajaensis* D.E.Benn.& Christenson 2001.

tayleuri: listed for noted grower, M.Tayleur of Parkfield, near Liverpool, Eng., first to flower it. ex Mexico, cf. *Oncidium tayleuri* Lindley. syn. *O. microstigma*.

taylorianum: listed for phytologist, R.L.Taylor (+ belonging to). ex Ecuador, cf. *Porroglossum taylorianum* Luer 1980.

taylorii: listed for orig.coll., phytologist and author, Norman Taylor (1883-1967), ex nth. Qld., Aust.. cf. *Cadetia taylorii* (F.Muell.) Schltr.1912. Pers.coll., common ex PM.PNG.

teaboana: belonging to Teabo, a town of Yucatán, Mexico. cf. *Lophiaris teaboana* R.Jiménez, Carnevali & J.L.Tapia 2001. syn. *Trichocentrum x teaboanum*.

teaboanum: as *teaboana*. cf. *Trochocentrum x teaboanum*.

teaguei: of Teague. Listed for orig.coll., Walter Teague of San Francisco, Cal., USA. ex Ecuador, cf. *Masdevallia teaguei* Luer 1978.

Teagueia: (Luer) Luer 1991: see *teaguei*. ex Ecuador, eg. *Teagueia teaguei*.

Teagueia: see *teaguei*. = *Masdevallia* and *Platystelis* subgenera.

tecpanica: belonging to Tecpan. Listed as ex Mexico to Guatemala, have only noted **Tecpan** de Galeana, a minor city of Guerrero state, Mexico (?). cf. *Lepanthes tecpanica* Luer & Béhar.

tectata: see *tectum* + suffix: roofed; covered, etc. cf. *Chloraea tectata*.

tectipes: covered; hidden + foot. cf. *Bulbophyllum tectipes*.

tectipetalum: ref. *tectum*: roof; canopy; house, but could ref. to *tectus*: covered; concealed; hidden + *-petalum*, can be for the petals, or see *-petalo-*: wide, etc. (?). So, *tectipetalum* could mean: hidden petals, or a wide roof. (Isn't this language wonderful!) cf. *Bulbophyllum tectipetalum*. If you're lucky enough to own one, have a close look, when it flowers and see for yourself, which is right.

tectorum: see *tectum* + of; belonging to. cf. *Lepanthes tectorum*.

tectosa: see *tectum*, *tectus* + see *-osa*. cf. *Pleurothallis tectosa*.

tectum: lit., roof; canopy; dwelling; house. But, could also be ref. *tectus*: covered; concealed; hidden, etc.(?). cf. *Genoplesium tectum*. Noted as endemic to Qld., Aust.

teestaensis: listed for place name: from Teesta Valley area, Sikkim, India. cf. *Paphiopedilum venustum* var. *teestaensis* U.C.Pradhan.

teijsmannii: for phytologist and author, Johannes Elias Teijsmann (1809-1882). At only 23yrs. of age, he became Curator of the Buitenzorg (Bogor) Bot. Garden, Java, holding this position for 38yrs. During this time he amassed a huge collection and was an authority on the flora of Java and surrounds. Descs. accr. to him are abbr. to: Teijsm. cf. *Dendrobium teijsmannii* Miq.1859. syn. *D. lobbii*.

teitensis: for place name: from Teita Hills (: Taita Hills), s.east Kenya, Africa. cf. *Polystachya teitensis* P.J.Cribb 1978.

teixeirana: may be for a person, or a place name (? + belonging to). Listed as ex Paraná state, Brazil. Noted two places, with this name, ref. *Teixeira Soares* (town) and *Barra do Teixeira* (village). cf. *Geoblasta teixeirana* Barb.Rodr.1891.

tekuense: for place name, listed as: from Kuala Teku, Tahan River (+ see *tahanense*), Malay Peninsula. cf. *Bulbophyllum tekuense* Carr 1930.

telamon: strap; belt. cf. *Pleurothallis telamon*.

telchinensis: for place name (+ from), only listed as ex the eastn. Aegean islands, Greece. cf. *Ophrys x telchinensis* Riech.1997.

teleense: for place name (+ from), only listed as ex Sumatra, Indon. cf. *Dendrochilum teleense* J.J.Wood & J.B.Comber 1995.

teleplana: ref. *telos*: end + *planus*: flat, etc.: flat at the end (?). cf. *Disperis teleplana*. syn. *Disperis siamensis*.

telipogoniflora: end + beard + flower. Or a flower, somehow likened to a *Telipogon* (?). cf. *Lepanthes telipogoniflora*.

teligerum: ref. *telum*: weapon; missile; dart; spear + bearing. Refs. to the crests of the lateral sepals. cf. *Dendrobium teligerum*. syn. *D. brevicaule* ssp.*pentagonum*. Noted as endemic to New Guinea.

Telipogon: Kunth 1816: ref. *telos*: end + beard. Ref. apex of the column. ex Venezuela, eg. *Telipogon latifolius*.

Telipogoninae: *Telipogon* + suffix denotes it's a subtribe.

telipogonis: end + beard. cf. *Disa telipogonis*.

teloense: from Telo Island(s) of the Greater Sunda Islands, off the west coast of Sumatra, Indon. cf. *Dendrobium teloense* J.J.Sm.1906.

telonensis: listed for place name: from *Telonis Portus*, an old Latin name for Toulon, sthn. France. cf. *Orchis telonensis* (syn.?).

Tempogon: Mutis ex Sprengel, see *Telipogon*. syn. *Telipogon*.

tembelingensis: from Tembeling. Not sure which one, as have noted Kampung Tembeling, of Kelantan and Kampung Kuala Tembeling, Pahang, both of the Malay Peninsula Then there is Tembeling (village), west coast Riau island, Indon. cf. *Sarcochilus tembelingensis* Carr 1929. syn. *Chroniochilus minimus*.

temelenensis: was listed as: from Long Temelen, Borneo. Also noted, Temelan village of Sarawak, central westn. Borneo (?). cf. *Bulbophyllum flavescens* var. *temelenensis* J.J.Sm.1931. syn. *Bulbophyllum flavescens*.

tempestalis: ref. *tempestas*: storm; of, or to do with a storm (?). cf. *Pleurothallis tempestalis*.

tempestuosa: ref. *tempestas*: storm + see -osa (: of, or to do with a storm). ex Ecuador, cf. *Stelis tempestuosa* Luer & Hirtz 2002. Of interest, see (*Dendrobium*) *crumenatum*, commonly called the "thunderstorm orchid". Perhaps this has a similar circumstance (?).

templinensis: listed for place name: from Templin, a town of Brandenburg state, Germany. cf. *Dactylorhiza x aschersoniana* nothovar. *templinensis* (Potoek) Kümpel 2002.

tenasserimense: for place name (+ from), of which there are a few places of the same name. Ref. Tenasserim (admin. division); Tenasserim (town); Tenasserim Coast; Tenasserim Island(s) of the Mergui Archipelago; Bilauktaung Range (aka. **Tenasserim**, or Tavois mtns.), west coast, Malay Peninsula, Myanmar. cf. *Bulbophyllum tenasserimense* J.J.Sm.1912. syn. *B. purpurascens*.

tenasserimensis: as *tenasserimense*. cf. *Coelogyne tenasserimensis* Seidenf.1975.

tenax: tenacious; persistent; firmly gripping. cf. *Acostaea tenax*.

tendrill: orchids do not have tendrils, as such. With an organ, or part extending and appearing to be like a tendril, they are mostly described as: tails; threads; filaments, etc.,+ see *cirri*.

tenebrosa: ref. *tenebrosus*: dark; mournful; gloomy. + Can be: of, or to do with (heavy) shade. cf. *Sophronitis tenebrosa*.

tenebrosum: as *tenebrosa*. cf. *Catasetum tenebrosum*.

tenella: ref. *tenellus*: very tender; delicate. cf. *Liparis tenella*.

tenellum: as *tenella*. cf. *Bulbophyllum tenellum*.

tenellus: as *tenella*. cf. *Acianthus tenellus*. syn. *A. elegans*.

tenens: lit., holding. cf. *Dendrobium tenens*. syn. *D. vexillarius* var. *uncinatum*.

tenense: for place name: from Ten. Noted two villages of this name, both in Casanare Department, Colombia. cf. *Cyrtorchilum tenense* (Rchb.f.& Warsz.) Kraenzl.1917.

tenera: ref. *tener*: soft; delicate; tender. cf. *Ionopsis tenera*. syn. *I. utricularioides*.

tenericaulis: as *tenera* + stem; stalk. cf. *Ceratostylis tenericaulis*.

tenerrima: as *tenera* + emphasis: very, etc. cf. *Ceratostylis spathulata* var. *tenerrima*.

tenerrimum: see *tenerrimus*. cf. *Taeniophyllum tenerrimum*.

tenerrimus: descwd., ref. *tener*: soft; delicate; tender + emphasis: very, etc.

tenerum: see *tenera*. cf. *Bulbophyllum tenerum*. syn. *B. planibulbe*.

tengchongense: for place name: from Tengchong city, s.west Yunnan, China. cf. *Bulbophyllum tengchongense* Z.H.Tsi 1989.

tenggerense: for place name (+ from), listed as ex Java, Indon. cf. *Crepidium tenggerense* (J.J.Sm.) M.A.Clem.& D.L.Jones. syn. *Malaxis tenggerensis* (J.J.Sm.) Bakh.f.1963.

tenggerensis: as *tenggerense*. cf. *Eria tenggerensis* J.J.Sm.1914. syn. *Eria lamonganensis*.

tenomensis: from Tenom, a town near the sthn. end of Crocker Range N.Park, Sabah, Borneo. cf. *Dimorphorchis rossii* var. *tenomensis* A.L.Lamb 1994.

tenompokense: for place name: from Kampong **Tenompok** (village), Sabah, nthn. Borneo. cf. *Bulbophyllum tenompokense* J.J.Sm.1934.

tenompokensis: as *tenompokense*. cf. *Coelogyne tenompokensis* Carr 1935.

tenoreana: listed for botanist and author, Michele Tenore (1780-1861). Sometimes descs. accr. to him are abbr. to: Ten. ex Sicily, cf. *Orchis tenoreana* Guss.1844. syn. *Neotinea lactea*.

tensa: ref. *tensus*: extended; elongated; stretched. cf. *Caladenia tensa*. Endemic to Vic., Aust.

tentaculata: see tentaculate. Ref. the sepals and petals. cf. *Caladenia tentaculata*. Noted as endemic to sthn.Aust.

tentaculate: likened to a tentacle; feeler. + Ref. *tentaculatus*: having organs, parts, or appendages likened to a tentacle. + See cirri, tendril.

tentaculatum: see tentaculate. Ref. the petals. cf. *Bulbophyllum tentaculatum*.

tentaculatus: see tentaculate. cf. *Peristylis tentaculatus*.

tentaculifera: tentacle + bearing. cf. *Bonatea tentaculifera*.

tentaculiferum: tentacle + bearing. cf. *Bulbophyllum tentaculiferum*.

tentaculigera: tentacle(s) + bearing. Alluding to the many floral appendages. cf. *Habenaria tentaculigera*.

tentaculigerum: as *tentaculigera*. cf. *Bulbophyllum tentaculigerum*. syn. *B. sandersonii*.

tenthredinifera: a lot of reading to find this one! Ref. *tenthred*-+ like + bearing. Ref. *tenthredonos*: a kind of wasp (+ ref. the typical sawfly, family: *Tenthredinidae*). Alluding to a flower (shape). cf. *Ophrys tenthredinifera* Willd.1805.

tentyozanense: is listed for a place name (+ from) ex Taiwan, but is noted as sphalm (: an error) for *Cymbidium tosaense*. cf. *Cymbidium tentyozanense* Masam.1935. syn. *C. goeringii*.

tenuata: see *tenui*-+ having; like (being), or ref. *tenuatus*: (to) make slender. Also, the specep. was possibly coined from the parents, as it is listed as a natcross of *Cattleya elongata* (: the -ata) x *C. tenuis* (: the *tenu*-, together = *tenuata* ?). ex Bahia, Brazil, cf. *Cattleya* x *tenuata* V.P.Castro & Campacci ex Braem 1995.

tenuae: see *tenui*- (but, correctly, *tenuae*: thinly, etc.). cf. *Agrostophyllum tenue*.

tenui-: used in combwds., ref. *tenuis*: thin; slender; slim; young; weak; slight; fine, etc.

tenuibracteata: see *tenui*-+ bracted (+ see bracteate). cf. *Jumellea lignosa* ssp. *tenuibracteata*.

tenuibulba: see *tenui*-+ bulb. cf. *Maxillaria tenuibulba*.

tenuibulbum: see *tenui*-+ bulb. cf. *Dendrochilum tenuibulbum*.

tenuicalcar: see *tenui*-+ spur. cf. *Dendrobium tenuicalcar*. syn. *D. violaceum*.

tenuicauda: see *tenui*-+ tail. cf. *Pterostylis tenuicauda*. Noted as endemic to New Caledonia.

tenuicaudata: see *tenui*-+ see caudate: tailed. cf. *Masdevallia tenuicaudata*. syn. *Masdevallia nidifica*.

tenuicaule: see *tenui*-+ stem; stalk. cf. *Dendrobium tenuicaule*. syn. *D. exilicaule*.

tenuicaulis: as *tenuicaule*. cf. *Ancistrorhynchus tenuicaulis*.

tenuichilum: see *tenui*-+ lip. cf. *Dendrochilum kingii* var. *tenuichilum*.

tenuicornis: see *tenui*-+ horn. cf. *Disa tenuicornis*.

tenuiflora: see *tenui*-+ flower. cf. *Eria tenuiflora*.

tenuiflorum: as *tenuiflora*. cf. *Nephelaphyllum tenuiflorum*.

tenuifolia: see *tenui*-+ leaf. cf. *Masdevallia tenuifolia*.

tenuifolium: as *tenuifolia*. cf. *Bulbophyllum tenuifolium*.

tenuifolius: as *tenuifolia*. cf. *Sarcochilus tenuifolius*. syn. *Cleisostoma tenuifolium*.

tenuiglossum: see *tenui*-+ tongue. cf. *Catasetum tenuiglossum*.

tenuilabris: see *tenui*-+ lip. cf. *Acianthus tenuilabris*.

tenuiloba: see *tenui*-+ lobe. cf. *Lepanthes tenuiloba*.

tenuior: see *tenui*-+or: one who is slender, or: more slender (?). cf. *Brachycorythis tenuior*.

tenuipes: thin + foot. Ref. the peduncle. cf. *Bulbophyllum tenuipes*.

tenuipetala: slender + petals. cf. *Stelis tenuipetala*.

tenuirachis: see *tenui*-+ see *rachis*. cf. *Cleisostoma tenuirachis*.

tenuirostris: slender + beak. cf. *Sigmatostalix tenuirostris*.

tenuis: see *tenui*-: slender, etc. Everything about the plant is “slender”, inc. the flower. cf. *Glomera tenuis*. Noted as endemic to PNG.

tenuiscapa: see *tenui*-+ see *scape*. cf. *Eulophia tenuiscapa*.

tenuispathum: slender + see *spathe*. cf. *Epidendrum tenuispathum*.

tenuispica: see *tenui*-+ see *spica*: spike, etc. cf. *Appendicula tenuispica*.

tenuispicum: as *tenuispica*. cf. *Podochilus tenuispicum*. syn. *Appendicula tenuispica*.

tenuispicus: as *tenuispica*. cf. *Podochilus tenuispicus*.

tenuissima: see *tenui*-+ emphasis: very. cf. *Cyrtostylis tenuissima*. Noted as endemic to Aust.

tenuissimum: as *tenuissima*. cf. *Dendrobium tenuissimum*. syn. *D. mortii*.

tenuissimus: as *tenuissima*. cf. *Acianthus tenuissimus*. syn. *Cyrtostylis tenuissima*. Noted as endemic to West.Aust.

tenuisulcata: see *tenui*-+ *sulcate*: grooved, etc. cf. *Neowilliamsia tenuisulcata*.

tenuisulcatum: as *tenuisulcata*. cf. *Epidendrum tenuisulcatum*. syn. *Neowilliamsia tenuisulcata*.

tenuitepalum: see *tenui*-+ see *tepal(s)*. cf. *Dendrochilum tenuitepalum*.

tenuius: see *tenui*-. cf. *Pachygenium tenuius*. syn. *Pelexia tenuior*.

teotepecensis: from Cerro Teotepec (mtn. peak) of the Sierra Madre Del Sul (mnts.), Guerrero state, s.west Mexico. cf. *Elleanthus teotepecensis* Soto Arenas 1986.

tepal: (*tepalum*), noted as an anagram of *petal*. For any **one** of the segments of the perianth when they are all (almost) identical (a good example: *Thelymitra*). When *-tepal-* is used in a combwd., it mostly refers to the sepals and petals, collectively (: the perianth), eg. *striatitepalum*: striped tepals (the sepals and petals).

tephros, *tephrinos*: listed as a vague colour term: colour of ashes; ash-grey.

tephrosanthos: ash-grey + flower. cf. *Orchis tephrosanthos*. syn. *O. italica* Poir.

tepicana: belonging to Tepic, a major city, and/or of Nayarit state (aka., **Tepic**), eastn. central Mexico. cf. *Malaxis tepicana* Ames 1922.

tepperi: listed for orig.coll., O.Tepper. ex Sth.Aust., cf. *Prasophyllum tepperi* F.Muell. ex Pepper 1880. syn. *Genoplesium nigricans*. Noted as endemic to sthn. Aust.

tepuiensis: from Tepui. Listed as ex Venezuela, noted, two towns with Tepui in the names and may also ref. to a mesa, or plateau (Auyán-**tepui**), all of Bolivar state. cf. *Pleurothallis tepuiensis* Carnevali & I.Ramirez. syn. *P. pulchella*.

tepuyensis: as *tepuiensis*. cf. *Prescottia tepuyensis* Carnevali & C.A.Vargas 1996.

tequendamae: of the Tequendama Falls (*Salto de Tequendama*) on the Bogotá (Funza) River. A major tourist attraction, just west of Bogotá city, Colombia. cf. *Epidendrum tequendamae* F.Lehm.& Kraenzl.1899. syn. *E. acuminatum*.

tequilana: listed for place name: belonging to Tequila city, Jalisco state, Mexico. cf. *Govenia tequilana* Dressler & Hágsater 1973.

teramorphous: ref. *teras*: a monster +-morphous: of shape, or form. Being badly deformed.+ See *teratology*.

teratology: ref. *teratos*: monster + *logos*: a discourse. The scientific study of freaks (: monsters) in flora and fauna. + Ref. teratologic forms: those grossly abnormal, or deformed.

teres: rounded; cylindrical; shapely; smooth. + Figuratively: polished; urbane. + See *terete* and ref. the leaves. cf. *Papilionanthe teres*.

teresae: of Teresa, could be for the given name of some lady. Also may ref. to a minor coastal city, Santa **Teresa** di Riva, eastn. Sicily, Italy (?). cf. *Ophrys* x *teresae* Soca.

teresense: for place name (+ from), listed as ex Espirito Santo state, Brazil. May ref. to Santa Teresa city (?). cf. *Bulbophyllum teresense* Ruschi 1946.

terete: ref. *teretis*, + see *teres*. Relatively long and slender, smoothly cylindrical and tapering. Circular (or, almost so), in cross section.

teretibulbum: *terete* + *bulb*. cf. *Bulbophyllum teretibulbum*.

tereticaulis: see *terete* + *stem*; *stalk*. cf. *Sophronitis tereticaulis*.

teretifolia: see *terete* + *leaf*. cf. *Luisia teretifolia*. syn. *L. tristis*. Pers.coll., see *Luisia*.

Teretifoliae: (those) with *terete* leaves.= *Aerides* and *Octomeria* sections.

teretifolium: *terete* + *leaf*. cf. *Dendrobium teretifolium*. Pers.coll., an old favourite, fairly common ex PM.PNG. A wonderful sight I'll never forget, a scanty tree in the bush, absolutely loaded with flowering plants, like a real-life Christmas tree.

teretifolius: see *terete* + *leaf*. cf. *Sarcanthus teretifolius*. syn. *Cleisostoma simondii*.

teretilabia: *terete* + *lip*. cf. *Porroglossum teretilabia*.

teretilabre: *terete* + *lip*. cf. *Bulbophyllum teretilabre*.

teretipetala: see *terete* + *petals*. cf. *Lepanthes teretipetala*.

teretipetiolatum: freely trans.: like, or having a *terete* petiole. cf. *Cymbidium teretipetiolatum*.

termensis: for place name (+ from) only listed as ex Peru. cf. *Malaxis termensis* (Kraenzl.) C.Schweinf.1941.

terminal: ref. *terminus*: boundary; limit; the end + suffix: of, etc. Refs. to the extremity, or apex of an organ, or part. eg. Terminal flower: last flower on the apex of the raceme.

terminale: see *terminal*. Flowers from the apex of the stem. cf. *Dendrobium terminale*.

terminal inflorescence: see *terminal* + see *inflorescence*. When a stem, etc. has reached its full growth and then it only ever flowers the once. Or, can mean that it strictly only flowers from the apex of the stem, or pseudobulb and not any lower.

terminalis: as *terminale*. cf. *Callista terminalis*. syn. *Dendrobium terminale*.

termissum: *ter*: thrice (three times) + ref. *missus*: despatched; sent; projected forward. cf. *Cleisostoma termissum*. syn. *C. discolor*.

termissus: as *termissum*. cf. *Sarcanthus termissus*. syn. *Cleisostoma discolor*.

ternatea: of Ternate, see *ternatense*. cf. *Habenaria ternatea* Rchb.f.1876.

ternatense: from Ternate. For the town, and/or of Ternate Island, one of the Maluku group, Indon. cf. *Dendrobium ternatense* J.J.Sm.1909. syn. *D. macrophyllum*.

ternatensis: as *ternatense*. cf. *Eria gobiensis* var. *ternatensis* J.J.Sm.1927. syn. *E. gobiensis*.

ternatum: ref. *ternatus*: having, or like three (or, a group of three ?). cf. *Epidendrum ternatum* (syn.).

terpischore: may be just for “beauty”, or has something to do with dancing. Ref.

Gk.myth., Terpischore: one of nine very beautiful sisters, known as the Muses (see “M”). Terpischore was the Muse of (choral) singing and dancing. ex Ecuador, cf. *Lepanthes terpischore* Luer & Hirtz 1996.

terra cotta: lit., earth + cooked. Often seen in discussions and can be very confusing. A vague ref. to a colour (and I agree with my dictionaries and encyclopaedias), to me it means: a dull reddish-brown, but it depends on the clay that is used. Terra-cotta can be a bluish-grey; a creamy yellowish-brown, through to a very dark reddish-brown, etc.

terrae-laboris: earth + worker + of. Possibly because it’s a terrestrial. cf. *Ophrys x terra-laboris* W.Rossi & Minut.1989.

terrae-novae: listed as Lat’d. spelling for place name: of *Terra Nova*: Newfoundland. cf. *Platanthera lacera* var.*terrae-novae* (Fornald) Luer 1975.

terrarium: for cross-reference, the entry concerned, see plastic bags. A more, or less, globe-like, clear glass, or plastic container (something like a fish-bowl, but more enclosed). Used ornamentally indoors and having a small amount of soil (or, other media), holding aesthetically arranged, assorted small live plants. Noted, can also be called a vivarium.

terrestre: ref. *terra*: earth + suffix: habitat; place of growth. cf. *Pedilochilus terrestre*. Noted as endemic to Papua, Indon.

terrestrial: of, or belonging to the earth (+ see *terrestre*). A general word for most ground-growing plants. When authors want to be specific about the “ground”, then they will use other descwds., eg. *arenarius*: growing in, or on sand. + See Hemicr., epigeal.

terrestris: see *terrestre*. cf. *Glomera terrestris*. Noted as endemic to New Guinea.

territoralis: of the Territory. cf. *Tropidia territorialis* D.L.Jones & M.A.Clem.2004. Noted as endemic to the Northern Territory, Aust.

tesselata: see tessellate. Ref. the pattern of the venation to the floral segments. cf. *Vanda tesselata* (officially listed to be, correctly: *Vanda tessellata*).

tessellate, or tessellate: ref. *tessellatus*: having, or like a square (building) block, or paving stone. Having a chequered pattern, as if made of small square stones in a mosaic. Note, the spaces between the lines are called areolae (pl.), see areole (: sing.).

tesselatum: see tessellate. Ref. the chequered pattern on the floral segments. cf.

Epidendrum tesselatum. syn. *Vanda tessellata*.

tessellata: see tessellate. cf. *Caladenia tessellata*. Noted as endemic to s.east Aust.

tessellatum: see tessellate. cf. *Epidendrum tessellatum*. syn. *Prosthechea livida*.

tessellatus: see tessellate. cf. *Phlebochilus tessellatus*. syn. *Caladenia tessellata*. Noted as endemic to s.east Aust.

tesselloides: see tessellate, or ref. *tessella*: a small square stone, or tile + resembling. cf. *Vanda tesselloides*. syn. *Vanda tessellata*.

testa: descwd.: a shell. The outer protective coating of a seed. (With orchids: a thin papery membranous film.).

testacea: see *testaceus*. Ref. external colour of the tepals. cf. *Caladenia testacea*. Noted as endemic to s.east Aust.

testacean: for anything to do with a shell. The word was in a discussion and subsequent reading indicated it ref. to a capsule having a hard outer casing and likened to a shell (and not for a colour). My sources say testacean can also be the same as testaceous.

testaceous: for anything to do with a shell, also see testacean, *testaceus*.

testaceum: see *testaceus*. cf. *Aerides testaceum*. syn. *Vanda testacea*.

testaceus: thought this would mean, testaceous (+ see testacean), but is reported to be only for a (vague) colour term as: brick-red, and/or a yellowy-brown with a mix of grey and red, like unglazed pottery. + See terra cotta (which is just as vague).

testifolia: ref. *testa*: shell + *-folia*: leaf. cf. *Pleurothallis testifolia*.

testifolium: as *testifolia*. cf. *Cymbidium testifolium*. syn. *Pleurothallis testifolia*.

testiculata: see testiculate. cf. *Ionopsis testiculata*. syn. *I. satyrioides*.

testiculate: ref. *testiculus*, dimin. of *testis*: testicle + suffix: like, etc. eg. testiculate tuberoid(s).

testiculatum: see testiculate. cf. *Dendrobium testiculatum*. syn. *Ionopsis satyrioides*.

testuana: listed as ex Gabon, west Africa, could be for a place name (? + of, or belonging to). May also be to do with a tortoise, or turtle (ref. *testudo*: a tortoise). Also noted, ***testu***: an earthenware lid; pot (?). cf. *Polystachya testuana* Summerh.1960.

tetr-, *tetra-*: used in compwds., ref. *tetra*: four. + Can be a group of four.

Tetrabaculum: M.A.Clem.& D.L.Jones 2002: four + stick; rod; staff, etc. syn. *Dendrobium*.

x *Tetracattleya*: auct. On the syn. list, cf. *Cattleya* x ***Tetramicra***.

tetraceras: four + horn. cf. *Trichoglottis tetraceras*.

tetraceros: four + horn. cf. *Oerstedella tetraceros*.

tetrachaeta: four + see *chaeta*: bristle, etc. cf. *Lepanthes tetrachaeta*.

tetrachromum: four + ref. *chroma*: colour. cf. *Dendrobium tetrachromum*.

tetracola: *tetra*: four + *-cola*: resident; dweller. Or, it's possible *tetra-* may ref. to *tetrax* and/or *tetrix*, which are kinds of birds (?). cf. *Lepanthes tetracola*.

tetracopis: four + see *copi-*: heavy knife; cleaver, etc. cf. *Cyrtorchilum tetracopis*.

tetradactyliferum: four + fingers + bearing. cf. *Dendrochilum tetradactyliferum*.

x *Tetradiacrium*: auct. On the syn. list, cf. *Diacrium* x ***Tetramicra***.

tetrads: ref. *tetradymos*: a group of four; fourfold. A pollinium (see pollinia) is composed of grains of pollen and within these grains are groups of four cells = tetrads.

tetraedre: four + ref.(h)*edra*: seat; base. cf. *Dendrobium tetraedre*.

tetraedris: same as *tetraedre*. cf. *Callista tetraedris*. syn. *Dendrobium tetraedre*.

Tetragelestus: Rchb.f.1854: four + united; joined. syn. *Scaphyglottis* Poepp.& Endl.

tetragona: four + ref. *gonia*: angle; corner. Ref. the pseudobulb. cf. *Tropilis tetragona*. syn. *Dendrobium tetragonum*. + See next entry.

tetragonum: as *tetragona*. cf. *Dendrobium tetragonum*. The spec. is perfect for the squarish, clavate (club-shaped) pendent stems. Pers.coll., although, perhaps I found *D. tetragonum* var. *giganteum* (?) and yet, neither spp. are reported to be ex PM.PNG.

tetragonus: four + -gonus, is reported to be for gonos: seed. Refs. to the pollinia. cf. *Phaius tetragonus*.

x *Tetrakeria*: auct. On the syn. list, cf. *Barkeria* x *Tetramicra*.

x *Tetraliopsis*: auct. On the syn. list, cf. *Laeliopsis* x *Tetramicra*.

tetraloba: four + lobe(s). cf. *Malaxis tetraloba*.

tetralobum: four + lobe(s). cf. *Dendrobium tetralobum*.

tetralobus: four + lobe(s). cf. *Peristylus tetralobus*. syn. *Amitostigma tetralobum*.

tetraloniae: listed to be for *Tetralonia* (+ of): a genus of bees, which are noted as the main pollinators of *Ophrys tetraloniae* W.P.Teschner 1987. syn. *O. holoserica*.

tetramera: four + part(s). cf. *Habenaria tetramera*. syn. *H. falcicornis*.

Tetramicra: Lindley 1831: four + ref. *mikros*: small. From the description, refs. to the four loculi clinandrium. ex Hispaniola Island, eg. *Tetramicra schoenina*.

tetranema: four + thread(s). cf. *Habenaria tetranema*. syn. *H. entomantha*.

Tetrapeltis: Wall.ex Lindley 1833: four + ref. *pelte*: shield; buckler (+ see peltate). eg. *Tetrapeltis fragrans*. syn. *Otochilus porrectus*.

tetrapetala: four + petals, or see -petalo-: broad; wide (?). cf. *Arethusa tetrapetala*. syn. *Pterostylis revoluta*.

tetrapetaloides: four + petals + resembling. cf. *Habenaria tetrapetaloides*. syn. *H. humilior*.

tetrapetalum: four + petals, or see -petalo-: broad; wide. cf. *Oncidium tetrapetalum*. syn. *O. guttatum*.

tetraphylla: four + leaves. cf. *Listera cordata* forma *tetraphylla*. syn. *L. cordata*.

tetraplasium: four + moulded, ref. *plassein*: to form; mould. cf. *Cyrtorchilus tetraplasium*.

tetraploid: technical term: having four sets of chromosomes in each cell. + See triploid.

tetraploidea: see tetraploid + of. Or, ref. *tetraplous*: four-fold (x four) + like, etc. cf. *Cattleya tetraploidea*. syn. *C. velutina*.

tetraptera: four + wing(s). cf. *Hetaeria tetraptera*.

tetrapterus: four + wing(s). Ref. labellum lobes. cf. *Anoectochilus tetrapterus*.

tetrarioides: four + like + resembling. cf. *Ceratostylis tetrarioides*. Endemic to New Guinea.

tetraskelidion: four + small bone. cf. *Oncidium tetraskelidion*. syn. *O. obryzatoides*.

tetraspis: four + shield(s), see *aspi*-. cf. *Phalaenopsis tetraspis*.

x *Tetratonia*: auct. On the syn. list, cf. *Broughtonia* x *Tetramicra*.

Tetrodon: (Kraenzl.) M.A.Clem.& D.L.Jones 1998. See *tetrodon*. syn. *Dendrobium* Sw.

tetrodon: four + tooth, teeth. cf. *Dendrobium tetrodon*.

Tetrodon: four + tooth, teeth.= *Eria* section (now obsolete?).

tetroptera: four + wing(s). cf. *Lepanthes tetroptera*.

tetroxys: four + sharp. cf. *Pleurothallis tetroxys*.

tetuanensis: from Tetuán (Tétouan), a major city of nthn. central Morocco, Africa. cf. *Ophrys tetuanensis* Pau 1929. syn. *O. tenthredinifera*.

teuscheri: as *Teuscheria*. ex Colombia to Ecuador, cf. *Rodriguezia teuscheri* Garay 1958. syn. *Rodriguezia lehmannii*.

Teuscheria: Garay 1958. Listed for Canadian botanist and author, Henry Teuscher (b1891), Director of the Jardin Botanique de Montreal. ex Ecuador, eg. *Teuscheria cornucopia*.

teuscherianum: belonging to Teuscher, see *Teuscheria*. ex Peru, cf. *Epidendrum teuscherianum* A.D.Hawkes 1957.

textile: ref. *textilis*: woven; plaited. cf. *Diplocaulobium textile*.

teysmannii: listed for J.E.Teijsmann (+ of), see *teijsmannii*. ex Borneo, cf. *Trichotosia teysmannii* (J.J.Sm.) Kraenzl.1911.

tezontle: listed for place name: of La Tezontla (village), Zacatecas state, Mexico. cf. *Mormodes tezontle* S.Rosillo 1980.

Thaia: Seidenf.1975: of, or belonging to (the) Thai. Probably for the Thai people of Thailand. Noted as monotypic and endemic, cf. *Thaia saprophytica*.

x *Thaiara*: Garay & H.R.Sweet: see *Thaia*. On the syn. list, the result of *Euanthe* x *Rhynchostylis* x *Seidenfadenia* x *Vanda*.

thailandense: from Thailand. cf. *Paphiopedilum thailandense* Hort.ex Fowlie 1981.

thailandica: belonging to Thailand. cf. *Micropera thailandica* (Seidenf.& Smitin.) Garay 1972.

thailandicum: as *thailandica*. cf. *Bulbophyllum thailandicum* Seidenf.& Smitin.1965. syn. *Bulbophyllum thaiorum*.

thailandicus: as *thailandica*. cf. *Ancistrochilus thailandicus* (Seidenf.) Szlach.& Marg. syn. *Ipsa thailandica* Seidenf.1997.

thaiorum: of, or belonging to the Thai people, and/or Thailand. cf. *Bulbophyllum thaiorum* J.J.Sm.1912.

thalassica: could be ref. *thalassikos*: like the sea (mainly for the colour, but see *thalassina*). Probably, ref. *thalassa*, lit. (the) sea + belonging to: being of "sea-green". Listed as ex **central** Taiwan, so has to be for the colour. cf. *Lecanorchis thalassica* T.P.Lin 1987.

thalassina: ref. *thalassinos*, listed as a vague colour term: a "green"; sea-coloured. cf. *Gastrodia javanica* forma *thalassina*. syn. *G. javanica* (Blume) Lindley.

thalia: wealth; riches; abundance. cf. *Lepanthes thalia*.

thalli (pl.), thallus (sing.): Have sometimes seen these words in discussions, in comparison to orchids. Thalli (+ thallophytes): any of a large group of plants, which inc. fungi, algae and lichens, that do not have leaves, stems, or roots. Many also reproduce without flowers or seeds (+ see cryptogam). Not to be confused with *-thallis*, see next entry.

-thallis, -thallus: used in combwds., ex *thallein*: to bloom; sprout, + ref. *thallos*: a green shoot; bud; young branch, etc.

thallogen: see thalli + -gen, ref. *genos, genus*: origin; born; kind. Same as thallophyte, next entry.

thallophyte: see thalli + ref. *phyton*: plant. Also can be known as a thallogen. A general term, thallophytes includes fungi, lichens and algae. See these entries.

thanmoiensis: from Thanh Moi (village), n.east Vietnam. cf. *Zeuxine thanmoiensis* Gagnep.1921.

thao: the only ref. I could find is to Thao, a language of Taiwan. This species is noted to be from Hainan Island (a very near neighbour of Taiwan), so probably implies it's from this region. cf. *Eria thao* Gagnep.1950.

tharandina: listed as ref. *tarandos*: an animal like a reindeer + *-ina*: like, or for the colour, etc. cf. *Orchis tharandina* Rchb.f.1851. syn. *Dactylorhiza incarnata*.

theca: descwd.. Listed as borrowed from Gk., *theke*: a case. Can be used for many organs, or parts likened to a “case”; a container; protective covering; envelope; sheath, etc.

theco-: used in compwds., see *theca*.

thecoglossa: see *theca* + tongue. cf. *Stelis thecoglossa*.

Thecopus: Seidenf.1984: see *theca* + foot. Ref. the column-foot. ex Peninsula Malaysia to Borneo, eg. *Thecopus secunda*.

Thecostele: Rchb.f.1857: see *theca* + see *stele*: base; stand. eg. *Thecostele alata*. Noted as monotypic, from Bangladesh to Malesia.

Thecostelinae: *Thecostele* + suffix denotes it's a subtribe.

theiochlamys: sulphur (colour) + cape; cloak; covering. cf. *Bulbophyllum theiochlamys*. syn. *B. coloratum*.

theiochlora: sulphur + green. cf. *Mormodes theiochlora*. syn. *M. buccinator*.

theioglossum: ref. *theion*: sulphur + tongue. For the colour, see sulphurous. cf. *Bulbophyllum theioglossum*.

theionanthum: sulphur + flower. For the flower colour. cf. *Dendrobium masarangense* ssp.*theionanthum*. Noted as endemic to PNG.

theionochilum: sulphur + lip. cf. *Dendrobium theionochilum*. syn. *Flickingeria comata*.

thelantyx: ref. *thele*: a nipple; teat + *-antyx*: margin; edge. Ref. the wart-like papillae on the labellum margins. cf. *Bulbophyllum thelantyx*.

thelasiflora: see *Thelasis* + *flora*: nipple-like + flower, or: flower likened to that of *Thelasis* (?). cf. *Phreatia thelasiflora*. syn. *P. sphaerocarpa*.

Thelasiinae: *Thelasis* + suffix denotes it's a subtribe.

Thelasis: Blume 1825: ref. *thele*: nipple; teat + suffix: like. Ref. the rostellum. ex New Guinea, eg. *Thelasis compacta*.

thelephorum: nipple + bearing. cf. *Epidendrum thelephorum*.

theleura: nipple + see *-ura*: tail, or for the result of an action (which then makes it: nipped?). Both could apply, as a *Masdevallia* flower usually has tails and in the description, they were likened to little knobs. cf. *Masdevallia theleura*.

thellungiana: listed for botanist and author, Albert Thellung (1881-1928). Descs. accr. to him are abbr. to: Thell. ex Europe, cf. *Dactylorhiza* x *thellungiana* (Braun-Blanq.) Soó.

Thelychiton: Endl.1833: ref. *thelys*: woman + *chiton*: tunic. Ref. the column margins surround the stigma (: fem. reproductive organ: “woman”), likened to the folds of a dress (: tunic). syn. *Dendrobium* Sw.

Thelymitra: J.R.& G.Forst.1775: ref. *thelys*: woman + *mitra*: turban; cap. Ref. the hairy column apex, above the stigma (: the “woman”). Common name in Aust.: “sun orchids”, as many flowers fully expand on hot sunny days and only partly open (or, not at all) on cool cloudy days. It is reported most are very difficult to cultivate. Discovered by botanists (father and son) Johann & Georg Forster (info., see *forsteri*), who were with Commander James Cook on the expedition, in

HMS. Resolution, to NZ., Antarctica and many Pacific islands, 1772-1775. eg. *Thelymitra aristata*.

thelymitra: ref. *thelys*: woman + turban; cap. cf. *Deiregyne thelymitra*.

Thelymitreae: *Thelymitra* + suffix denotes it's a tribe.

Thelymitrinae: *Thelymitra* + suffix denotes it's a subtribe.

Thelypogon: Sprengel 1826: woman + beard. Ref. hairy stigma area. syn. *Telipogon*.

thelyrmitra: is listed as such, but has to be an error for *thelymitra* (as suggested by some synonyms). cf. *Deiregyne thelyrmitra*.

Thelyschista: Garay 1982: woman + split. Probably ref. the stigma. Noted as monotypic and endemic to nthn. Brazil. cf. *Thelyschista ghillanyi* (Pabst) Garay.

Theodorea: Barb.Rodr.1877. Listed for Theodore Freire Peneira da Silva, Minister of Public Works, Brazil. eg. *Theodorea gomezoides*. syn. *Rodrigueziella gomezoides*.

theodorea: as last entry. cf. *Gomesa theodorea*. syn. *Rodrigueziella gomezoides*.

theodorii: listed for Theodor Herzog (+ of), info. see *herzogii*. ex Bolivia, cf. *Habenaria theodorii* Schltr.1922.

Theophrastus of Eresos, Greece (370-285BC.), whom history records as the first "scientific botanist" and a brilliant pupil of Aristotle (noted as: "the father of Greek science"). He is reported to be the first person to ref. to orchids (collectively) as *orkis*: testes. This was Lat'd. to *orchis* and anglicised to orchid. The theory is he likened the paired tuberoïds of many European terrestrials, to testicles. + See the entry, orchid.

theresia: maybe for a lady's given name (the suffix is female: of, etc.), or could be for a place name. This species is listed as ex Pernambuco to Rio Grande do Sul states, Brazil and there are quite a few places having this name, in some form. eg. Santa Teresa, etc. cf. *Quekettia thesiae* (Barb.Rodr.) Cogn. 1905.

thermarum: of heat. Ref. *thermos*: hot, *therme*: heat + suffix: of, etc. (likes a hot environment?). cf. *Asarca thermarum*.

thermoperiodicity: The remarkable response of plants to the daily changes in temperature. Noted this word in ref. to *Triphora*, where the flowering process is activated by a change in the weather. + See notes at *crumenatum* (one of its lesser known common names is the "thunderstorm orchid").

thermophila: ref. *thermos*: hot (+ ref. *therme*: heat) + loves. cf. *Stelis thermophila*.

thermophilum: as *thermophila*. ex Ecuador, cf. *Epidendrum thermophilum*.

thersites: ref. Gk.myth., Thersites: a particularly scurrilous character of Homer's epic, "The Iliad" (hence our Eng. word: thersitical). cf. *Bulbophyllum thersites* J.J.Verm.1993. Noted as endemic to New Guinea.

x *Thesaera*: auct. On the syn. list, cf. *Aerangis* x *Aeranthus*.

thesaurus: lit., ref. *thesauros*: a treasure-house; store-house; "a treasury of knowledge". Can also be for an encyclopaedia; lexicon.

thessala: listed as Lat'd. spelling for place name: ref. *Thessalia*: Thessaly (a *monoi*: admin. division), nthn. Greece. cf. *Epipactis thessala* B.& H.Baumann 1988.

thibautianum: see *Thiebautia* (+ belonging to). ex Java and Sulawesi, cf. *Aerides thibautianum* Rchb.f.1866.

Thicuania: Raf.1838: reported as Lat'd. spelling for a local name of the plant in Burma (Myanmar). eg. *Thicuania moschata*. syn. *Dendrobium moschatum*.

Thiebautia: Colla 1825. Listed for Arsenne Thiebaud (Thiebaut?) de Bernaud (1837-1884). Perpetual Secretary to the Linnaean Society of Paris, France. syn. *Bletia* Ruiz & Pav.

thienei: took this info. from a book. Listed for botanist, Leonard B.Thien (Thiene?) ex Colombia. cf. *Masdevallia thienei* Dodson 1977. From the official list it's noted as: ex Costa Rica to n.west Ecuador and cf. *Masdevallia thienii* Dodson 1977 (?).

thienii: see *thienei*. cf. *Encyclia thienii* Dodson 1989. syn. *E. chloroleuca*.

thinicola: ref. *thinos*: beach; sand dune(s) + resident; dweller. cf. *Caladenia thinicola*. Noted as endemic to West.Aust.

Thiopetalum: ref. *theion*: sulphur (for the colour) + petals.= *Paphiopedilum* section.

Thisbe: Falc. c1850: see next entry. syn. *Herminium* L.

thisbe: possibly for "beauty". Ref. Gk.myth. The legend is: Thisbe was a beautiful young lady loved by Pyramus and in a tragic misunderstanding, he thought she was killed by a lion and so committed suicide. Heartbroken she also killed herself. ex the Philipp., cf. *Oberonia thisbe* Rchb.f.1855.

thlaspiiformis: *thlaspi*-, ref. *thlaspis*: a kind of cress: a plant of the mustard family (see "M"): + form; shape. Probably for the leaves. cf. *Malaxis thlaspiiformis*.

tholiformis: *tholi*- may ref. to a few different things: *tholion*: a small dome; *tholos*: dirt, mud; *tholia*: a conical hat with a broad brim (?) + form; shape. cf. *Thelymitra tholiformis*. Noted as endemic to North Island, NZ.

thomana: belonging to Thomé, see *thomense*. cf. *Habenaria thomana* Rchb.f.1881.

thomatoglossum: *thomato*:- thread-like. Listed as ref. *thominx*: string; thread; cord; fine rope, etc.+ like, or having + tongue. cf. *Cleisostoma thomatoglossum*.

thomense: from Thomé. Ref. the Republic of São Tomé & Príncipe (islands), Gulf of Guinea, off west coast, Africa. cf. *Bulbophyllum thomense* Summerh.1937.

thomensis: as *thomense*. cf. *Disperis thomensis* Summerh.1937.

thompsoniana: belonging to Thompson. Listed for noted grower, W.J.Thompson (? , see *thomsoniana*) of St.Helen's, Lancashire, Eng., first to flower it. ex the Cayman Islands, cf. *Schomburgkia thompsoniana* Rchb.f.1887. syn. *Myrmecophila thomsoniana*.

thompsonianus: as *thompsoniana*. ex west trop. Africa, cf. *Ancistrochilus thompsonianus* (Rchb.f.) Rolfe 1897.

thomsoniana: seems to be confusion with the spelling. The book I took the info. from said Thompson and the official list is Thomson (?), see *thompsoniana*. cf. *Schomburgkia thomsoniana*. syn. *Myrmecophila thomsoniana* (Rchb.f.) Rolfe 1917.

thomsonianum: noted the orig.coll., E.Kalbreyer (+ see *kalbreyeri*) requested the spec. for a local missionary, the Rev.R.Thomson (+ belonging to). ex Calabar, Nigeria, Africa, cf. *Pachystoma thomsonianum* Rchb.f.1879. syn. *Ancistrochilus thomsonianus*.

thomsonianus: as *thomsonianum*. cf. *Ancistrochilus thomsonianus* (Rchb.f.) Rolfe.

thomsonii: of Thomson. Listed for orig.coll., botanist and naturalist, T., or G.(?, different books, different initials) Thomson, ex India. cf. *Bulbophyllum thomsonii* Hook.f.1894. syn. *Bulbophyllum parviflorum*.

thorelii: listed for orig.coll., author and phytologist Clovis Thorel [+ of] (1833-1911). ex Thailand, cf. *Apostasia thorelii* Gagnep.1933. syn. *A. odorata*.

Thorvaldsenia: Liebm.1844. Listed for famous Dutch sculptor, Bertel Thorvaldsen [also Thorwaldsen] (1770-1844), born at Copenhagen. His most noted work (located in Switzerland), sculptured *in situ*, in a cliff-face of natural rock: The Lion of Lucerne. syn. *Chysis* Lindl.

Thorwaldsenia: Rchb.f.1846, see *Thorvaldsenia*. syn. *Chysis* Lindl.

thouarsii: of Thouars. Listed for Louis Marie Aubert du Petit Thouars (1758-1831). A famous phytologist, author, collector and talented bot. artist. Noted for his work on the flora of Madagascar + he introduced the genus *Bulbophyllum* (1822). cf. *Cirrhopetalum thouarsii* Lindley 1824. syn. *Bulbophyllum longiflorum*. Has a fascinating distribution, see *longiflorum* and an equiv. New Guinea one, see *kenejianum*.

thriftiensis: for place name (+ from), listed as ex Crete island, Greece. May be an error, see *thriptiensis* (?). cf. *Orchis x thriptiensis* Renz 1932 (syn.).

thriptiensis: from Thripti (village), Lasithi, eastn. Crete island, Greece. cf. *Ophrys thriptiensis* Paulus 1998. syn. *O. fusca* ssp.*fusca*.

thrix: used in compwds., ref. *trichos*: hair. To do with hair; hairy, etc. + See *trich-*.

thrixspermiflorum: see *Thrixspermum* + flower. Noted the flower was likened to a *Thrixspermum*. cf. *Bulbophyllum thrixspermiflorum*.

thrixspermoides: *Thrixspermum* + resembling. cf. *Bulbophyllum thrixspermoides*.

Thrixspermum: Lour.1790: *thrix*: hair + ref. *sperma*: seed. eg. *Thrixspermum platystachys*. Pers.coll., ex PM.PNG.

Thrixspermum: as last entry.= *Thrixspermum* section.

thrixspermum: hair + seed. Probably was likened to a *Thrixspermum*, as see the "correct name". cf. *Epidendrum thrixspermum*. syn. *Thrixspermum centipeda*.

thrombodes: ref. *thrombos*: a lump + resembling. cf. *Encyclia thrombodes*.

Thulinia: P.J.Cribb 1985: of Thulin. For phytologist and author (+ orig.coll.?) Mats Thulin (b1948), listed as ex the Nguru Mtns., Tanzania, Africa. Noted as endemic and monotypic, cf. *Thulinia albolutea*.

thunbergii: listed for orig.coll., Carl Peter Thunberg [+ of] (1743-1828). A Swedish physician, botanist and author who collected in Europe, sthn. Africa, Java and Japan c1771-'79. cf. *Epipactis thunbergii* A.Gray 1856.

Thunia: Rchb.f.1852: listed for Count von Thun Hohenstein of Tetschin, Bohemia (: Czechoslovakia). ex India, eg. *Thunia alba*.

thuniana: see *Thunia* (+ belonging to). Listed as ex India, cf. *Coelogyne thuniana* Rchb.f.1855. syn. *Panisea uniflora*.

Thuniinae: *Thunia* + suffix denotes it's a subtribe.

thurberi: listed for botanist and author, George Thurber (1821-1890). ex sthn. USA., to Guatemala, cf. *Limnorchis thurberi* (A.Gray) Rydb.1901. syn. *Platanthera limosa*.

thwaitesianum: belonging to Thwaites, see *thwaitesii*. cf. *Cleisostoma thwaitesianum* Trimen 1885. syn. *Pomatocalpa decipiens*.

thwaitesii: of Thwaites. For author and phytologist, George Henry Kendrick Thwaites (1812-1882). An authority who collected extensively in India and surrounds. cf. *Bulbophyllum thwaitesii* Rchb.f.1874.

thylaciochila: pouch; sack; bag + lip. ex Mexico, cf. *Clowesia thylaciochila*.

thylaciochilum: as *thylaciochila*. cf. *Catasetum thylaciochilum*. syn. *Clowesia thylaciochila*.

Thylaxis: Gagnep.1932: ref. *thylakos*, *thylax*: a pouch; sack; bag. Has an odd saccate labellum. syn. *Thrixspermum* Lour.

Thylacoglossum: ref. *thylakos*, *thylax*: pouch; sack; bag. Has a saccate extended labellum.= *Glossorhyncha* section.

thylax: pouch; sack; bag. cf. *Lepanthes thylax*.

thymifolium: ref. *thymos*: warty growth (?). Or ref. *thymon*, *thymum*: thyme: small shrubby plants yielding a valued culinary herb. Of the mint family, *Lamiaceae* (formerly, *Labiatae*), popular in home gardens, +-*folium*: leaf. cf. *Podochilus thymifolium*.

thymochila: ref. *thymos*: warty growth + lip. cf. *Pleurothallis thymochila*.

thymophorum: warty growth + bearing. cf. *Bulbophyllum thymophorum*.

thynnid(s), + *thynnid* wasps: an entry for cross-reference. Entomological common terms for many kinds of wasps, listed to be of the family *Tiphiidae* and the subfamily *Thynninae*. + See pseudo-copulation, mimicry.

Thynninorchis: M.A.Clem.& D.L.Jones. See *thynnid* (-wasps) + like + orchid. Ref. the flowers. syn. *Arthrochilus* F.Muell.

thynniphila: *thynni*:- for the *thynnid* wasps (see *thynnid*), which are reported to be the plant's main pollinators + *-phila*: loves. cf. *Drakaea thynniphila*. Noted as endemic to West.Aust.

thyranthina: ref. *thyreos*: an oblong shield + flower + like. cf. *Bifrenaria thyranthina*.

thyrs-, *thyrsi*-, *-thyrsus*: used in combwds., orig. ref. *thyrsos*: staff; stem; wand. + Ref.

Gk.myth., *thyrsus*: a spear, or staff tipped with an object, or ornament resembling a pine cone, or ellipsoid arrangement of leaves and flowers, likened to a sceptre. This was carried by Dionysus (Roman: Bacchus), the god of wine. + Bot., *thyrsus*: a type of panicle inflorescence (not orchids).

thyrsiflora: see *thyrs*-+ flower(s). cf. *Callista thyrsiflora*. syn. *Dendrobium thyrsiflorum*.

thyrsiflorum: see *thyrs*-+ flower(s). cf. *Dendrobium thyrsiflorum*.

thyrsifolium: see *thyrs*-+ leaves. cf. *Dendrobium thyrsifolium*.

thyrsodes: see *thyrs*-+ resembling. cf. *Dendrobium thyrsodes*.

thysana: ref. *thysanos*: tassel; fringe. cf. *Pleurothallis thysana*.

thysanochila: ref. *thysanos*: a tassel; fringe + lip. Exactly, that's just what it looks like. cf. *Ephemerantha thysanochila*, which freely translates, as: one-day flower (with a) tassel on the lip. See sketch and notes at "E". syn. *Flickingeria comata*. Pers.coll., variable and fairly common ex PM.PNG.

thysanochilum: as *thysanochila*. cf. *Dendrobium thysanochilum*. syn. *Flickingeria comata*.

Thysanochilus: Falc.1839: tassel; fringe + lip. syn. *Eulophia* R.Br.ex Lindl.

Thysanoglossa: Porto & Brade 1940: tassel; fringe + tongue. ex sthn. Brazil, eg.

Thysanoglossa organensis Brade 1943.

thysanophorum: tassel; fringe + bearing. cf. *Dendrobium thysanophorum*.

tianschanica: for place name (+ belonging to), only listed as ex China. The most likely is ref. Thian Schan (+ Tian Shan, see *tienensis*), mtn. range of Xinjiang Uygur Autonomous Region. cf. *Listera tianschanica* Grubov 1977.

tiaraensis: from Tiara (village), Aragua state, Venezuela. cf. *Maxillaria tiaraensis* Carnevali & G.A.Romero 2001.

tiarata: as *tiaratum*. cf. *Pleurothallis tiarata*.

tiaratum: ref. *tiara*: turban (or, in the Eng. sense: a tiara) + like; having. Fig.: wearing a turban (?). ex Colombia, cf. *Scaphosepalum tiaratum*.

tibetensis: from Tibet. cf. *Nervilia tibetensis* Rolfe 1913. syn. *Nervilia aragoana*.

tibetica: as *tibeticum*. cf. *Orchis tibetica* (Schltr.) Soó 1929. syn. *Amitostigma tibeticum* Schltr. 1924.

tibeticum: belonging to Tibet. cf. *Bulbophyllum tibeticum* Rolfe 1913. syn. *Bulbophyllum umbellatum*.

tibicen: piper; flutist (flautist); one who has, or plays a flute. cf. *Mormodes tibicen*.

tibicines: ref. *tibia* + suffix: flute-like (+ see *tibicinis*). cf. *Schomburgkia tibicines*.

tibicinis: ref. *tibia*: an ancient Roman flute + suffix: like, etc. The stems are smooth and hollow and it is reported that, coincidentally, village children use them to make a crude flute. ex Honduras, cf. *Myrmecophila tibicinis*. + See *Myrmecophila* for another novel usage of the stems.

tibouchinicola: ref. *Tibouchina** + resident; dweller. cf. *Lepanthes tibouchinicola* Luer and Escobar, ex Colombia. **Tibouchina*: orig. first found in Brazil, is a bush; tree of the family, *Melastomataceae*, having an annual floriferous, massed display of very beautiful violet/purple flowers. Very popular in home gardens in the area where I live, you don't mind waiting 12 months, for them to flower, as every year they are magnificent.

tica: noted a ref., *tica*: a tick (a blood-sucking parasite). Alluding to a flower, or an organ, or part, for some likeness (?). ex Costa Rica, cf. *Fernandezia tica*.

tichotoma: has to be an error for *dichotoma*, as see the "correct name". cf. *Cattleya tichotoma*. syn. *Sobralia dichotoma*.

ticinensis: listed as Lat'd. spelling for place name: from *Ticinum*, now: Pavia, c50kms. sth. of Milan. Also noted, the Ticino River (ancient *Ticinus*), of Ticino Canton (: admin. division), Switzerland, flows to Lake Maggiore and later joins the Po River s.east of Pavia, nthn. Italy. cf. *Anacamptorchis simorrensis* var. *ticinensis* (Gsell) Del Prete & M.Tomas.1984. syn. *Anacamptis x simarrensis*.

Ticoglossum: Lucas Rodr.ex Halb.1983: "*Tico*", is reported as ex Costa Rican slang: a term of familiarity, or endearment + *-glossum*: tongue (from *Odontoglossum*). Noted, the word "*tico*" was used to show a close relationship to *Odontoglossum*. ex Costa Rica, eg. *Ticoglossum oerstedii* (Rchb.f.) Halb.

Ticoglossum: see the genus, last entry.= *Odontoglossum* section.

tidorensis: from Tidore Island, Maluku group, Indon. cf. *Platylepis tidorensis* J.J.Sm.1930.

tienensis: from Tien. Of the given locations, ref. the Tien Mtns.(Tian Shan, see *tianschanica*), n.west China. cf. *Habenaria tienensis* T.Tang & F.T.Wang. syn. *H. dentata*.

tierneyana: ex nth. Qld., Aust., listed for orig.coll., M.F.Tierney (+ belonging to). cf. *Saccolabium tierneyana* Rupp 1942. syn. *Robiquetia gracilistipes*. Pers.coll., common ex PM.PNG.

tierneyanum: as *tierneyana*. cf. *Saccolabium tierneyanum* Rupp 1942. syn. *Robiquetia gracilistipes*.

tigerhillensis: Lat'd. English: from Tiger Hill, listed as ex Darjiling, West Bengal, India. cf. *Liparis tigerhillensis* A.P.Das & Chanda 1989.

tigr-, *tigri-*, *tigro-*: used in combwds., to do with a tiger. See *tigrinus*.

tigratum: tiger-like (+ see *tigrinus*). *Oncidium tigratum*.

tigridens: *tigri*-+*-dens*: tiger + tooth(-ed?). cf. *Pleurothallis tigridens*.

tigridiifolia: tiger-like + of + leaf. cf. *Arethusa tigridiifolia*. syn. *Bletia purpurata*.

tigridum: like a tiger. Ref. stripes of the petals and median sepal. cf. *Bulbophyllum retusiusculum* var. *tigridum*.

tigrina: see *tigrinus*. Ref. the flower of the example, is both spotted and striped (+ it's yellow and brown). cf. *Thelymitra tigrina*. Noted as endemic to West.Aust.

tigrinum: see *tigrinus*. cf. *Cymbidium tigrinum*.

tigrinus: descwd. lit., of tigers, tiger-like. Most often, is just an exotic way of saying it's striped. Not restricted to just "stripes", can also be spotted, blotched and striped. Used in combwds., can also ref. to other parts of a tiger, eg. *unguitigrinum* (freely trans. to: like a tiger's claw, or claws).

tigriphyllum: tiger + leaf. cf. *Epidendrum tigriphyllum*.

tigroides: ref. *tigris*: tiger + resembling. Ref. the striped tepals. cf. *Solenidiopsis tigroides*.

tikalensis: from Tikal (N.Park), El Peten Department, nthn. Guatemala. cf. *Pleurothallis tikalensis* Correll & C.Schweinf.1965.

tillandsioides: ref. *Tillandsia*: a genus of Bromeliads +-*oides*: resembling. (+ Note, *Tillandsia usneoides*, commonly: "Spanish moss"). ex Costa Rica, cf. *Elleanthus tillandsioides* Barringer 1985.

tilungensis: listed for place name: from Bukit Tilung, Borneo. cf. *Vrydagzynea tilungensis* J.J.Sm.1927.

timoranum: of Timor (Island), Lesser Sunda Islands, Indon. cf. *Aerides timorana* Miq.1859.

timorensis: for place name: from Timor Island, Indon. cf. *Calanthe veratrifolia* var. *timorensis* J.J.Sm.1934. syn. *Calanthe triplicata*.

Tinaea: Boiss.1884, see *Tinea*. syn. *Neotinea*.

-tincta, *-tinctum*, *-tinctus*: used in combwds., ref. *tinctus*: dye; paint; *tinctorius*: of, or to do with dyeing. Usually implies: tinted; tinged (with another colour), eg. *roseotincta*.

Tinea: Biv.1833. Listed for Vincenzo Tineo (1791-1856). A Sicilian author, naturalist, botanist and authority (I was certainly wrong with my first guess. My humble apologies to Sr.Tineo.). syn. *Neotinea* Rchb.f.

tinea: I was very wrong again! Ref. *tinea*: larva of a moth, or a kind of moth (in English: one esp. destructive to clothing). cf. *Bulbophyllum tinea*. syn. *B. ovalifolium*.

tingabarinum: ref. *tingabarinus*: a vague colour term: a bright red similar to vermillion; *miniatus*, + see *miniatus*. cf. *Bulbophyllum tingabarinum*. syn. *B. pectenvenensis*.

tingens: lit., dyer. Ref. to the colours, (as if) dyed. cf. *Govenia tingens*.

tingitania: for place name, refs. to the Roman province of Mauretania **Tingitana**, now in the nthn. region of modern Morocco, nth. Africa. cf. *Orchis x tingitania* Hautz.1976.

tingo-mariae: for place name: of Tingo María, a town of Huánuco Department, Peru. cf. *Epidendrum tingo-mariae* Hágsater 1999.

tintinnabula: ref. *tintinnabulum*: a bell. cf. *Pleurothallis tintinnabula*.

tiomanensis: for place name: from Tioman island(s) [aka., Pulau Tioman], s.east of Peninsula Malaysia. cf. *Oberonia tiomanensis* M.R.Hend.1930. syn. *O. rufilabris*.

tipula: a water spider, or can be: a cranefly. A fanciful allusion to a flower. cf. *Diplocaulobium tipula*. Pers.coll., common ex PM.PNG.

Tipularia: Nutt.1818: see *tipula* + like, etc. Listed for the flower appearance. Has a wide distribution, ex the Himalayas to Japan and eastn. USA. to Texas. ex the USA., eg. *Tipularia discolor* (+ noted, the common name: "crane-fly orchid").

tipulifera: see *tipula* + bearing. cf. *Habenaria tipulifera*. syn. *Peristylus tipuliferus*.

tipuliferum: as *tipulifera*. cf. *Diplocaulobium tipuliferum*.

tipuliferus: as *tipulifera*. cf. *Peristylis tipuliferus*.

tipuloides: see *tipula* + resembling. cf. *Liparis tipuloides*.

tipuloideum: see *tipula* + like + of; relative to. cf. *Epidendrum tipuloideum*.

tissue culture: see meristem culture, meristem.

titan: can have many explanations. Ref. Gk.myth.: a huge being, or creature of enormous strength. Any one of the Titans: the sons of Uranus & Gaea (or, Ge): Heaven & Earth. In Lat., is another word for the Sun. In Eng., can infer: huge; large; tall; robust; great; powerful, etc. cf. *Pleurothallis titan*.

titanea: of, or belonging to a Titan (see *titan*). With my example, it's probably an oblique ref. to its habitat: was first found on Gunung Tahan, Peninsula Malaya's highest mountain (: a Titan). cf. *Bulbophyllum titanea* Ridl.1908.

Titania: Endl.1833: see *titania*. eg. *Titania miniata*. syn. *Oberonia titania*.

titania: cf. *Oberonia titania*. Pers.coll., very common ex PM.PNG. The specep. could be for a few reasons (+ see last entry, the genus name may have been retained for the specep.). In Lat., *Titania* is another word for Diana (Gk. equiv.: Artemis): goddess of the hunt, the moon and protector of women. + Maybe, *titania* is just to compliment the genus, as anyone who studied Shakespeare at school, knows the myth. characters from his "Midsummer Night's Dream" (c1595): Oberon was King and Titania (his wife), was Queen of the fairies.

titanica: Titan + belonging to. Of interest see *titanea*, may be a similar circumstance. ex Bolivar Prov., Ecuador, cf. *Lepanthes titanica* Luer & Hirtz 1987.

tixieri: listed for P.Tixier (+ of), author, phytologist and authority. ex Vietnam, cf. *Bulbophyllum tixieri* Seidenf.1992.

tjadasmalangense: for place name (+ from), only listed as ex westn. Java. cf. *Bulbophyllum tjadasmalangense* J.J.Sm.1918.

tjadasmalangensis: as *tjadasmalangense*. cf. *Eria tjadasmalangensis* J.J.Sm.1918.

tjiampeana: for place name (+ belonging to), listed as ex west Java, Indon. cf. *Zeuxine tjiampeana* J.J.Sm.1910.

tjibodasana: as *tjibodasanum*. cf. *Phreatia tjibodasana* J.J.Sm.1913.

tjibodasanum: listed for place name ex Java (belonging to Tjibodas ?). May have been a phonetic attempt at spelling Tjibadak (: Cibadak), now a minor city of Jawa Barat, westn. Java. cf. *Taeniophyllum tjibodasanum* J.J.Sm.1931.

tjidadapense: as *tjidadapensis*. cf. *Chroniochilus tjidadapense* J.J.Sm.1918. syn. *C. minimus*.

tjidadapensis: for place name (+ from), only listed as ex Java. Possibly, is the same as *tjibodasanum*, as I have noted that Dr.Smith (J.J.Sm.) often spelt place names (more, or less) phonetically. cf. *Sarcochilus tjidadapensis* (J.J.Sm.) Carr 1929. syn. *Chroniochilus minimus*.

tjihana: for place name: of Sungai Tjihana (a river), Borneo. cf. *Ceratostylis tjihana* J.J.Sm.1911.

tjisokanensis: for place name (+ from), only listed as ex west Java. cf. *Oberonia tjisokanensis* J.J.Sm.1931.

tjiwideiensis: for place name (+ from), only listed as ex Java. cf. *Malaxis tjiwideiensis* (J.J.Sm.) Bakh.f.1963.

TLC.: a common abbreviation: "Tender Loving Care". Do you give your babies lots of TLC.? Try not to overdo it, as this is noted as one of the biggest killers of all cultivated plants, especially by over-watering (see watering).

tlemecensis: listed for place name: from Tlemcen, a city of n.west Algeria. cf. *Orchis longicornu* var.*tlemecensis* Batt.1904. syn. *Anacamptis longicornu*.

tnesipterus: ref. *tnesis*: a cutting; division; separation + wing. cf. *Dendrobium tnesipterus*. syn. *Appendicula buxifolia*.

toachica: as *toachicum*. cf. *Pleurothallis toachica* Luer & Dodson 1996.

toachicum: belonging to Toachi (village), Pichincha Prov., Ecuador. cf. *Oncidium toachicum* Dodson 1980.

tobaense: from Lake Toba (*Toba-meer*: *Danau Toba*), largest lake on Sumatra, Indon. cf. *Dendrobium tobaense* J.J.Wood & J.B.Comber 1993.

tobensis: same as *tobaense*. cf. *Peristylus tobensis* J.J.Sm.1922.

tocantinensis: from the Rio Tocantins (river), or the Tocantins region, Pará state, nthn. Brazil. cf. *Encyclia tocantinensis* V.P.Castro & Campacci 1996.

tocotana: belonging to Tocota (village), Valle del Cauca Department, Colombia. cf. *Maxillaria tocotana* Schltr.1920.

Todaroa: A.Rich.& Galeotti 1845. Listed for Mexican botanist and author, Agostino Todaro (1818-1892). Descs. accr to him are abbr. to: Tod. syn. *Campylocentrum Benth*.

todjambuensis: listed for place name: from Tojambu (village) of Sulawesi Selatan, Sulawesi, Indon. cf. *Ceratostylis todjambuensis* J.J.Sm.1933.

tofftii: listed for orig.coll., A.G.Tofft, ex Johnstone River, Qld., Aust.. cf. *Dendrobium tofftii* F.M.Bailey 1890. syn. *Dendrobium nindii*, pers.coll. In PM.PNG., we called it *Dendrobium ionoglossum* (another syn.). More see *nindii* + sketch and notes at "N".

togensis: for place name (+ from), listed as ex Buru Island, Maluku group, Indon. cf. *Liparis togensis* J.J.Sm.1928.

togoensis: from the Republic of Togo, west Africa. cf. *Disperis togoensis* Schltr.1905.

tohoensis: for place name (+ from). By the location list, have two possibles, ref. Toho (town) of Daerah Tingkat I Kalimantan Barat, Borneo, or ref. To-o village, Sibuyan Island of the Visayan Islands, central Philipp. cf. *Habenaria dentata* var.*tohoensis* (Hayata) S.S.Ying. syn. *Habenaria dentata*.

toilliezeae: listed for phytologist, J.Toilleze-Genoud (+ of). ex Madagascar, cf. *Bulbophyllum toilliezeae* Bosser 1965.

toillieziae: as *toilliezeae*. ex westn. Africa, cf. *Nervilia toillieziae* N.Hallé 1971. syn. *N. subintegra*.

tokai: for place name, only listed as ex Tonga, or Fiji (could be a contraction of Lautoka + of?). cf. *Dendrobium tokai* Rchb.f.1865.

tokioi: one ref. suggested it may be phonetic and Lat'd. spelling: of Tokyo, capital city of Japan. Also noted it is found in China, **Taiwan**, to the Philippines and Java, so it's probably for a person's name (+ of). cf. *Hetaeria tokioi* Fukuy.1934. syn. *Rhomboda cristata*. + Listed as endemic to **Taiwan**, cf. *Bulbophyllum tokioi* Fukuy.1935.

tokunoshimensis: from Tokuno-shima, an island of the Ryukyu Islands (Nansei-shoto), sth. of Japan. cf. *Calanthe tokunoshimensis* Hatus.& Ida 1969. syn. *C. aristulifera*.

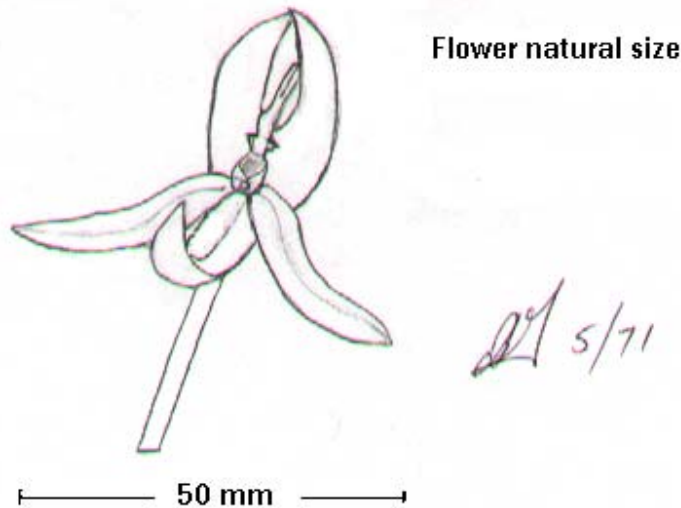
toledo: listed for botanist and author, Joaquim Franco de Toledo (1905-1952). Descs. accr. to him are abbr. to: Tol. ex Brazil, cf. *Cleisthes toledo* Schltr.ex Hoehne 1936. syn. *C. aphylla*.

tolimense: as *tolimensis*. cf. *Epidendrum tolimense* Lindley 1845.

tolimensis: from Tolima (a volcano), and/or of Tolima Department, west central Colombia. cf. *Kefersteinia tolimensis* Schltr.1920.

tollenoniferum: ref. *tollenonis*: a swing-beam; see-saw + bearing. Ref. the very mobile (almost centrally), hinged lip. Pers.coll., see notes and sketch, cf. *Bulbophyllum tolloniferum*. syn. *B. macranthoides*.

Bulbophyllum tollenoniferum. syn. *Bulbophyllum macranthoides*.



First found this species, April '71 ex Subitana Sawmill, c100kms. s.east of PM.PNG. (altitude c600-700m.). Used to go there fairly often as it's extremely rewarding collecting at the timber line where they fell the jungle giants, take away the trunks and leave the crowns. Of course, we were not allowed near where they were currently working and so the media wasn't fresh, by any means.

There's an old saying, "it's a tall tree you can't climb when it's on the ground". Very sad in a way, picking over those carcasses, to see the masses of ferns, hoyas, rhododendrons, stag and elkhorns, bromeliads and **orchids**, dead and dying from the blistering exposure. Still, there were often many goodies on the shaded undersides and we only took the best (mostly) of the orchids.

With *Bulbophyllum tollenoniferum*, for want of a "correct name", we called it "the orange Bulbo". We had to use many nick-names in those days, yet even then we knew the importance of the correct names, but it was very difficult as we couldn't get any information on them.

It has a single non-resupinate flower (monanthous), on a strong erect scape c100mms.(4") high, is a lovely waxy, clear yellowy-orange, well expanded and c50mms.(2") across. Today am grateful I still have my old field notes, very poor black & white photo's and (very amateurish) drawings.

With the work I am doing, now the specep. really makes sense, as initially "*tollenoniferum*" could easily have meant "wheelbarrow", for all I knew. It translates as, ref. *tollenonis*: a swing-beam; see-saw + *-ferum*: bearing and refers to the labellum. You can't see the reasoning from the sketch, but the very mobile, (almost) centrally hinged labellum is freely capable of up and down movement, like a see-saw.

Have only recently learned this species is now syn. to *Bulbophyllum macranthoides*.

tollianum: listed for noted grower, F.Toll (+ belonging to) of Manchester, Eng., first to flower it. ex the Himalayas, etc., cf. *Dendrobium nobile* var. *tollianum* Rchb.f.1884. Took this info. from a book, but there isn't any official listing.

tolypephora : ref. *tolype*, lit.: ball of yarn; glomerous (see glomerate) + bearing. cf. *Vanilla tolypephora*. syn. *V. griffithii* Rchb.f.1854.

tomentella: ref. *tomentum*: wooly hair; a matted indumentum + dimin. (+ see tomentose). cf. *Habenaria tomentella*.

tomentosa: see tomentose. cf. *Coelogyne tomentosa*.

Tomentosae: see tomentose.= *Coelogyne* section.

tomentose: ref. *tomentum*: wooly hair; matted hairy indumentum; filling; padding; stuffing (as, for a cushion). + Ref. *tomentosus*: having fairly short, soft, fine, curled, matted and tangled hair. + See indument, indumentum.

tomentosiflora: see tomentose + flower. cf. *Eria tomentosiflora*.

tomentosula: see tomentose + dimin.(: slightly tomentose?). cf. *Pterichis tomentosula*. syn. *P. multiflora*.

tomentosum: see tomentose. cf. *Dendrobium tetragonum* var. *tomentosum*. syn. *Dendrobium tetragonum* var. *giganteum*. Pers.coll. (?), see *giganteum*.

tomentosus: see tomentose. cf. *Myoxanthus tomentosus*. syn. *Pleurothallis tomentosa*.

tomentum: descwd., used in descriptions, see tomentose.

tomlinsonianum: listed for botanist and author, Philip Barry Tomlinson [+ belonging to] (b1932). ex Jamaica, cf. *Epidendrum tomlinsonianum* C.D.Adams 1966.

tommasinii: listed for botanist and naturalist, Muzio Giuseppe Spirito de Tommasini (1794-1879). Descs. accr. to him are abbr. to: Tomm. ex Dalmatia, a region of sthn. Croatia, cf. *Ophrys tommasinii* Vis.1851. syn. *O. sphegodes*.

tomohonense: from Tomohon (village), Sulawesi Utara, Sulawesi, Indon. cf. *Dendrobium tomohonense* Kraenzl.1910. syn. *Dendrobium macrophyllum*. Pers.coll., ex PM.PNG.

tomohonensis: as *tomohonense*. cf. *Eria tomohonensis* Kraenzl.1910.

Tomzanonia: Nir 1997: listed for phytologist, Tom (Thomas ?) Zanon. Noted as monotypic and endemic to Haiti (Hispaniola), cf. *Tomzanonia filicina* (: fern-like).

tonduziana: belonging to Tonduz, see *tonduzii*. ex Costa Rica, cf. *Lepanthes tonduziana* Schltr.1923.

tonduzianum: as *tonduziana*. cf. *Epidendrum tonduzianum* Schltr.1923. syn. *Encyclia mooreana*.

tonduzii: listed for orig.coll., botanist, Adolphe Tonduz [+ of] (1862-1921). ex Guatemala, cf. *Cynoches tonduzii* Schltr.1923. syn. *C. aureum*.

tongolensis: listed for place name: from Tongolo, Tibet. cf. *Cypripedium guttatum* var. *tongolensis* Franchet.

tonkinense: for place name: from the Tonkin (aka. Tongking) region, nthn. Vietnam. Or, from the Gulf of Tonkin area, sthn. Vietnam (?). cf. *Dendrobium tonkinense* DeWild 1906. syn. *Dendrobium uniflorum*.

tonkinensis: as *tonkinense*. cf. *Ceratostylis tonkinensis* (Gagnep.) Aver.1988.

tonsa: as *tonsum*. cf. *Cordula tonsa*. syn. *Paphiopedilum tonsum*.

tonsoria: ref. *tonorius*: of, or to do with shaving, or barbering (hence, the English word tonsorial). cf. *Stelis tonsoria*.

tonsum: ref. *tonsus*: shaven. Ref. the lack of marginal hairs (see cilia) of the petals. cf. *Paphiopedilum tonsum*.

topaziacum: ref. *topazos*. Topaz: a popular, semi-precious gemstone + suffix: relative to. Ref. the flower colour. cf. *Dendrobium topaziacum*. syn. *D. bullenianum*.

topoanus: for place name (+ belonging to), listed as ex Pastaza Prov., Ecuador. cf. *Scelochilus topoanus* Dodson 1998. + See next entry.

topoensis: for place name: from Topo (village), Tungurahua Prov., Ecuador. cf. *Crossoglossa topoensis* (Mansf.) Dodson 1993.

topography: the scientific detailing of surface physical features (both natural and man-made). Mostly using drawings, or photo's suitably marked with a key to separate explanations.

topotype: a specimen in a herbarium that has all the qualities and comes from the same location as the type.

toppingii: listed for orig.coll., D.LeRoy Topping (+ of) who collected in Peninsular Malaysia, Borneo and the Philipp. cf. *Bulbophyllum toppingii* Ames 1913.

torajaense: for place name (+ from), listed as ex Sulawesi (Celebes), Indon. cf. *Dendrobium torajaense* P.O'Byrne 1999.

torajaensis: as *torajaense*. cf. *Ceraia torajaensis*. syn. *Dendrobium torajaense*.

torana: as *toranum*. Possibly ref. the stem. cf. *Galeola torana*. syn. *G. nudifolia*.

toranum: swollen; knobbly; lumpy; knotted. cf. *Bulbophyllum toranum*.

toressae: listed for Ms.Toressa Meston (specep. requested by orig.coll., Mr.T.Meston 1889). cf. *Dendrobium toressae* (F.M.Bailey) Dockrill 1964. Endemic to Qld., Aust.

torifera: *tori-*, a contraction, see *torose* + bearing. cf. *Calanthe torifera*. syn. *C. tricarinata*.

toriferum: as *torifera*. cf. *Ornithidium toriferum*. syn. *Maxillaria torifera*.

torose: ref. *torosus*: muscular; bulging. Cylindrical, with intermittent uneven swellings. Knobbly; lumpy, etc.

torquatum: ref. *torques*: a necklace, or collar + like; having. One major ref. says ref. *torquatus*: having (wearing) a necklace, or collar. cf. *Bulbophyllum torquatum*.

torquisepala: as *torquisepalum*. cf. *Distichorchis torquisepala*. syn. *Dendrobium torquisepalum*.

torquisepalum: *torqui-*, ref. *torquere*: to twist, turn, etc. + ref. *torques*: a necklace (+ can be a collar) + sepals. cf. *Dendrobium torquisepalum*.

torraense: from Cerro Torrá (mtn. peak), Chocó Department, Colombia. cf. *Epidendrum torraense* Hágsater & Silverst.2001.

torrana: Torrá + belonging to, see *torraense*. cf. *Pleurothallis torrana* Luer 1996.

torrensis: for place name (+ from), only listed as ex Italy. Noted some cities, towns and villages, called Torre (?). cf. *Ophrys x torrensis* H.Dekker 1999.

torresii: may be for the given name of Torres C.Morales, more info. see *moralesii*. ex Mexico, cf. *Ornithocephalus torresii* Salazar & Soto Arenas 1996.

torricellense: from the Torricelli Range, s.west of Aitape, eastn. PNG. cf. *Dendrobium torricellense* Schltr.1905.

torricellensis: as *torricellense*. cf. *Calanthe torricellensis* Schltr.1905.

torricelliana: as *torricellense* (+ different suffix: belonging to). cf. *Appendicula torricelliana* Schltr.1912.
torricellianum: as *torricelliana*. cf. *Dendrobium torricellianum* Kraenzl.1910.
torta: ref. *tortus*: twist; turn; wind, etc. cf. *Appendicula torta*.
tortifolia: as *torta* + leaf. cf. *Schoenorchis tortifolia*.
tortifolium: as *tortifolia*. cf. *Saccolabium tortifolium*. syn. *Schoenorchis tortifolia*.
tortilaciniata: as *torta* + see laciniate. cf. *Cheirostylis tortilaciniata*.
tortile: ref. *tortilis*: twisted. Twisting; with twists, ref. the sepals and petals. cf. *Dendrobium tortile*. syn. *Dendrobium monophyllum*.
tortilis: see *tortile*. cf. *Neottia tortilis*. syn. *Spiranthes torta*.
tortipetalum: twisted + petals. The elongated twisted petals hang downwards, well below the labellum. cf. *Epidendrum tortipetalum*.
tortisepalum: twisted + sepals. cf. *Bulbophyllum tortisepalum*. syn. *B. umbellatum*.
tortitepalum: twisted + see tepal(s). cf. *Diplocaulobium tortitepalum*.
tortum: twisted. Ref. lateral sepals. cf. *Bulbophyllum tortum*.
tortuosa: see *tortuosus*. Ref. the tepals. cf. *Glossorhyncha tortuosa*. Endemic to PNG.
tortuosum: see *tortuosus*. cf. *Bulbophyllum tortuosum*.
tortuosus: descwd.: full of twists; much twisted. Twisting, winding, bending in different directions. Sinuous and tortile.
tortus: twisted. cf. *Odontochilus tortus*. syn. *Pristiglottis torta*.
torulosa: see *torulosus*. cf. *Masdevallia torulosa*.
torulosus: descwd., ref. *torulus*: small twist +-osa: full of, etc. Same as torose with an added dimin.(: small): with many small twists. Sometimes is alluded to mean: necklace-shaped.
tosaense: from Tosa, listed as ex Tosa Prov.(?). Also noted a city and a town, of this name, of Kochi-ken, Shikoku, Japan. cf. *Dendrobium tosaense* Makino 1891.
tosaensis: as *tosaense*. cf. *Habenaria tosaensis* Makino 1892. syn. *H. sagittifera*.
tosariense: as *tosariensis*. cf. *Kryptostoma tosariense* (J.J.Sm.) Szlach.& Olszewski 1998. syn. *Habenaria tosariensis*.
tosariensis: from Tosari (village). Noted, there are two, with this name, one of the east and one of central Java, Indon. cf. *Habenaria tosariensis* J.J.Sm.1905.
tosyaense: listed as phonetic spelling for place name: from Takao-Syu Heitogum **Tosga**, Japan, cf. *Cymbidium tosyense* Masamune 1935. syn. *Cymbidium kanran*.
tota-alba: ref. *totus*: all + *albus*: white. cf. *Serapias tota-alba*. syn. *Cephalanthera damasonium*.
tothastes: lit., one who jeers; scoffer + ref. *tothastikos*: mocking; scornful. Probably came from the author's frustration to determine its identity. Noted, they can look very much like a *Bulbophyllum*. cf. *Trias tothastes*.
totontepecensis: from Totontepec Villa de Morelos (village), Oaxaca state, Mexico. cf. *Lepanthes totontepecensis* Salazar & Soto Arenas 1996.
ournayana: may be for a person's name (Tournay + belonging to ?), listed as ex Rwanda to sthn. trop. Africa. It's possible it may also ref. to Tournai (aka., **Tournay**) city, s.west Belgium, for where it was flowered in cultivation (?). cf. *Habenaria tournayana* Geerinck 1982. syn. *Habenaria macrostele*.

touranense: for place name: from Tourane, now Da Nang city, east central Vietnam. cf. *Cirrhopetalum touranense* Gagnepain 1931. syn. *Bulbophyllum retusiusculum*.

tourensis: for place name (+ from), listed as ex the Sudeten Mtns. area, n.west Czechoslovakia, cf. x *Dactylitella tourensis* (Godfery) Janchen.

toussaintiana: as next entry. cf. *Ophrys* x *toussaintiana* P.Delforge.

toussaintiorum: may be for a person's name (+ belonging to). Listed as ex westn. France, also ref. **Toussaint**, a town of Seine-Maritime region (?). cf. x *Dactylodenia toussaintiorum* D.Tyteca & Gathoye 1988.

tovarense: from Tovar. Only listed as ex nthn. Venezuela and there are quite a few places with this name. cf. *Epidendrum tovarense* Rchb.f.1849.

tovarensis: as *tovarense*. cf. *Masdevallia towarensis* Rchb.f.1849.

toveyana: listed for orig.coll., phytologist J.R.Tovey (+ of), ex Mentone, Vic., Aust. cf. *Pterostylis* x *toveyana* Ewart & Sharman 1916. Noted as endemic to s.east Aust.

Townsonia: Cheeseman 1906. Listed for orig.coll., NZ. botanist and authority W.Townson (+ of). eg. *Townsonia viridis*. syn. *Acianthus viridis*.

toxochila: ref. *toxon*: bow (of archery) + lip. cf. *Caladenia toxochila*. Noted as endemic to Sth.Aust.

toxochilum: as *toxochila*. cf. *Calonema toxochilum*. syn. *Caladenia toxochila*.

toyoshimae: listed for place name: of Toyo-shima (+ ref. Ogasawara-shoto): Bonin Islands, a group of small volcanic islands, south of Japan. cf. *Eulophia toyoshimae* Nakai 1920.

tozerensis: listed for place name: from Tozer's Gap, Iron Range, Cape York Peninsula. cf. *Dendrobium tozerensis* Lavarack 1977. Noted as endemic to nth. Qld., Aust.

trabutiana: as *trabutianum*. cf. *Centrosis trabutiana* (Batt.) Samp.1913. syn. *Limodorum trabutianum*.

trabutianum: belonging to Trabut. ex Portugal, cf. *Limodorum trabutianum* Batt.1886. Noted he named it for colleague and co-author, French phytologist, Louis (Charles) Trabut (1853-1929).

traceyae: see *tracyanum*. ex Venezuela to Ecuador, cf. *Gomphichis traceyae* Rolfe 1916.

traceyana: see *tracyanum*. cf. *Cypherorchis traceyana* (L.Castle) Schltr. 1924. syn. *Cymbidium tracyanum*.

tracheia: lit., windpipe (of a human, or animal's throat). cf. *Lepanthes tracheia*.

Trachelosiphon: Schltr.1920: ref. *trachelos*: neck + tube. Ref. base of sepals. syn. *Eurystyles Wawra*.

Trachoma: Garay 1972: ref. *trachoma*: roughness (+ see *trachy*-). Ref. the bracts. eg. *Trachoma papuanum*. syn. *Tuberolabium papuanum*.

trachy:- used in compwds., ref. *trachys*: rough. Can be with short, shaggy, coarse hair; scales; minute bracts; gritty; warty; having papillae, setae, etc. Anything to make an organ or part appear, or feel "rough".

trachyanthum: rough + flower. cf. *Bulbophyllum trachyanthum*.

trachybracteum: rough + bracted. Bracts have many small papillae. cf. *Bulbophyllum trachybracteum*.

trachycarpa: rough + fruit. Noted from the description, “..capsula verruculosa.”:
 (the)capsule has many small warts. cf. *Encyclia trachycarpa*.
trachycarpum: as *trachycarpa*. cf. *Epidendrum trachycarpum*. syn. *Encyclia trachycarpa*.
trachycaula: rough + stem; stalk. cf. *Lecanorchis trachycaula*. syn. *L. japonica*.
trachycaulon: rough + stem; stalk. cf. *Oncidium trachycaulon*.
trachychila: rough + lip. cf. *Pseuderia trachychila*.
trachychilum: rough + lip. cf. *Dendrobium trachychilum*. syn. *Pseuderia trachychila*.
Trachychilus: rough + lip.= *Bulbophyllum* section.
trachychlaena: rough + ref. *chlaina*: wrapper; covering; cloak. cf. *Epidendrum trachychlaena*.
trachychlamys: rough + mantle; cloak; covering, etc. Ref. the scaly covering of the stem.
 cf. *Myoxanthus trachychlamys*.
trachyglossa: rough + tongue. cf. *Liparis trachyglossa*.
trachyglossum: rough + tongue. Lip has many small papillae. cf. *Bulbophyllum trachyglossum*.
trachyglossus: rough + tongue. cf. *Hapalochilus trachyglossus*. syn. *Bulbophyllum trachyglossum*.
Trachylepus: rough + scaly. Ref. the rough ovary, pedicel, peduncle, etc.= *Taeniophyllum* section.
trachypetala: rough + petals. cf. *Habenaria trachypetala*.
Trachypetalae: (those) with rough petals.= *Habenaria* section.
Trachypetalum: Szlach.& Sawicka 2003: rough + petals. syn. *Habenaria* Willd.
trachypetalum: rough + petals. cf. *Satyrium trachypetalum*. syn. *S. volkensii* Schltr.1897.
trachyphylla: rough + leaf. cf. *Maccraitha trachyphylla*. syn. *D. cuthbertsonii*.
trachyphyllum: rough + leaf. cf. *Dendrobium trachyphyllum*. syn. *D. cuthbertsonii*.
trachypus: rough + foot. Ref. the warty peduncle (: the foot). cf. *Bulbophyllum trachypus*.
Trachyrachis: rough + see rachis: flower stem part. The rachis has many papillae.=
Bulbophyllum section.
Trachyrhachis: same as *Trachyrachis*.= *Taeniophyllum* section.
Trachyrhizum: (Schltr.) Brieger 1981, see next entry. syn. *Dendrobium* Sw.
Trachyrhizum: rough + roots. They are normally covered with unusual small, sharp projections.= *Dendrobium* section.
trachyrhizum: rough + roots. The roots have unusual, small, sharp projections. cf.
Dendrobium trachyrhizum. syn. *D. angustipetalum*.
trachyrrhiza: rough + roots. cf. *Tridactyle trachyrrhiza*. syn. *T. anthomaniaca*.
trachyrrhizum: rough + roots. cf. *Angraecum trachyrrhizum*. syn. *Tridactyle anthomaniaca*.
trachysepala: rough + sepal. cf. *Lepanthes trachysepala*. syn. *Draconanthes aberrans*.
trachysepalum: rough + sepal. cf. *Epidendrum trachysepalum*.
trachystoma: rough + mouth; opening. cf. *Trichosalpinx trachystoma*.
trachythea: rough + see *theca*: protective covering, etc. Ref. the rough lepanthiform sheaths, cf. *Pleurothallis trachythea*. syn. *Trichosalpinx orbicularis*.
Trachythea: rough + case, etc. The ovary has many small, soft prickles. = *Dendrobium* section.
trachythece: rough + see *theca*: case, etc. cf. *Epidendrum trachythece*.

tracyana: as *tracyanum*. ex Colombia, Peru, cf. *Gongora tracyana* Rolfe 1912.

tracyanum: listed for noted grower, A.H.Tracy of Twickenham, Eng., first to flower it.(It's noted, Tracy is the correct spelling, see *traceyana*, etc.). ex Tibet to China and Indo-China, cf. *Cymbidium tracyanum* L.Castle 1890.

Tradescantia: listed as the common genus of the spiderwort family: *Commelinaceae* (+ see entry, *Commelina*), of mostly tropical herbs. The name was used for an orchid, but was rejected as it had already been used for the herbs (see homonym). Orig. the name is for John Tradescant (?-1638), an Eng. naturalist and gardener to King Charles I. cf. *Tradescantia nervosa*. syn. *Telipogon nervosus*.

tradescantifolia: see *Tradescantia* + leaf. The leaves were likened to those of the herbs. cf. *Liparis tradescantifolia*.

tradescantifolius: as *tradescantifolia*. cf. *Peristylis tradescantifolius*.

tragulosa: ref. *tragula*: javelin + see -osa. cf. *Pleurothallis tragulosa*.

trans-: used in combwds.: across; over; beyond; through; on the other (or, far) side of.

transamazonica: see *trans*-+ refs. to the Department of Amazonas, and/or the Amazon River + belonging to. ex Peru, cf. *Brassia transamazonica* D.E.Benn.& Christenson 2001.

transarisanense: see *trans*-+*arisanense*: Lat'd. (and phonetic) spelling for: from A Li Shan (mtn.), Taiwan. cf. *Bulbophyllum transarisanense* Hayata 1916. syn. *B. pectinatum*.

transcaspica: see *trans*-+*caspica*: Lat'd. spelling for: belonging to *Mare Caspium*: Caspian Sea. A major inland sea surrounded by Russia and Iran. cf. *Ophrys transcaspica* Fleischm.& Bornmuller. syn. *Ophrys sintenisii*.

transcaucasica: belonging to Transcaucasus (: Azerbaijan). cf. *Epipactis helleborine* ssp.*transcaucasica* A.P.Khokhr.1991.

transhyrcana: see *trans*-+ ref. *Hyrcania*: ancient name for a region of nthn. Persia (: Iran), bordering the Caspian Sea. cf. *Ophrys transhyrcana* Czerniak.1923. syn. *O. mammosa*.

transiens: passing quickly; fleeting (hence the Eng., transient). cf. *Calanthe transiens*.

transitoria: as *transitorius*. cf. *Caladenia transitoria*. Noted as endemic to s.east Aust.

transitorius: descwd., is listed as the one word: fleeting; evanescent; passing quickly, etc. Usually refs. to the flowers.

translucens: see translucent. cf. *Tridactyle translucens*.

translucent: ref. *translucens*: almost clear; allowing light through; semi-transparent.

translucida: as translucent. cf. *Pleurothallis translucida*.

transparens: see transparent, but is more like translucent, and refs. to the sepals and petals. cf. *Dendrobium transparens*.

transparent: clearer than translucent, but not quite hyaline.(Not exactly the same as the English definition: that which can be distinctly seen through.)

transpiration: moisture loss as a vapour from organ surfaces. + See irrorate, which is a similar function, but is in liquid form.

transsilvanica: among the given locations this is listed as ex Romania. Ref. the region, Transylvania (+ belonging to), of Romania, Hungary. Or, by the spelling, could

simply be: *trans*-+ *silva*(n) +*-ica*: over, or across the forest + see *-ica* (?). Also see *transylvanica*. cf. *Dactylorhiza maculata* ssp. *transsilvanica* (Schur) Soó 1962.

transtillata: see *trans*-: over, etc. + ref. *stilla*: a drop + suffix: like, or having drops (as, moisture) over the surface. Could be for irroration, or excretions from glands (forming drops), or for a surface condition: having little lumps, likened to drops (?). cf. *Liparis transtillata*. syn. *L. rheedei*.

transtillifera: as *transtilliferum*. cf. *Anispetala transtillifera*. syn. *Dendrobium transtilliferum*.

transtilliferum: see *transtillata* + bearing. The flower's exterior has purplish spots (likened to drops?). cf. *Dendrobium transtilliferum*.

transvaalensis: from Transvaal Prov., Sth.Africa. cf. *Polystachya transvaalensis* Schltr.1895.

transversa: see transverse. cf. *Piperia transversa*.

transversalis: see transverse + of; relative to. cf. *Schiedeella transversalis*. syn. *S. llaveana* (Lindl.) Schltr.1920.

transversellipticum: see transverse + see elliptic. cf. *Epidendrum transversellipticum*.

transverse: is ex *trans*-+ *versum*: lying in a cross-wise direction. + Turned in the direction of.

transversicallousum: freely *trans*.: with many transverse calli. cf. *Catasetum transversicallousum*.

transversilabia: see transverse + lip. cf. *Pleurothallis transversilabia*.

transversiloba: see transverse + lobe(s). The lip is not apically lobed and has large lateral lobes, so, transverse: across (from side to side) + lobes (esp. when the lip is flattened). cf. *Phreatia transversiloba*.

transversilobium: as *transversiloba* + of, etc. cf. *Dendrobium transversilobium*. syn. *Cadetia transversiloba*.

transversisaccata: transverse + see saccate; pouched, etc. cf. *Robiquetia transversisaccata*.

transversovatum: transverse + see ovate. cf. *Epidendrum transversovatum*.

transversum: transverse. For the lateral sepals (?). cf. *Prasophyllum transversum*. Noted as endemic to NSW., Aust.

transylvanica: listed to be for place name: belonging to Transylvania, or (of) the Transylvanian Alps (?), Romania. cf. *Dactylorhiza maculata* var. *transylvanica*. syn.(?), May have been a misunderstanding for *Dactylorhiza maculata* ssp.*transsilvanica* (Schur) Soó.

trapeziform: orig. ref. *trapezion*: a small table + form; shape. Bot.: having four edges, or sides and without any pair (of sides) being parallel.

trapeziformis: as *trapeziform*. Ref. the labellum. cf. *Chiloglottis trapeziformis* Fitzg.1877. Noted as endemic to NSW., Aust.

trapezium: orig.: small table. See *trapeziform*, but this shape has two parallel sides.

trapezoidea: see *trapezium*, *trapeziform* +*-oidea*: having the form of. cf. *Habenaria trapezoidea*.

trapoides: listed as ref. *Trapa* (+*-oides*: resembling): a genus of the *Trapaceae* family (not orchids), commonly: water-caltrop, or water-chestnut. ex Borneo, cf. *Nephelaphyllum trapoides* J.J.Sm.1927.

Traunsteinera: Rchb.1842. Listed for Joseph Traunsteiner [+ of] (1798-1850), an Austrian botanist and chemist. ex Europe to the Caucasus, eg. *Traunsteinera globosa*.

traunsteineri: see *Traunsteinera*. ex Europe to Siberia, cf. *Dactylorhiza traunsteineri* (Saut.ex Rchb.) Soó 1962.

traunsteineroides: see *Traunsteinera* + resembling. cf. *Dactylorhiza traunsteineroides*. syn. *D. traunsteineri*.

travancorica: listed for place name: belonging to the Travancore Hills region, India. cf. *Habenaria travancorica* Hook.f.1896. syn. *H. digitata*.

treacheriana: as *treacherianum*. cf. *Katherinea treacheriana* (Rchb.f. ex Hook.f.) A.D.Hawkes 1956. syn. *Epigeneium treacherianum*.

treacherianum: listed for W.H.Treacher (+ belonging to), Colonial Secretary (of Eng.) at Labuan, Borneo. cf. *Epigeneium treacherianum* (Rchb.f. ex Hook.f.) Summerh.1957.

tree-fern fibre: did an entry 'cause this stuff is so good you should be able to eat it yourself. Was always my main media for slab-mounting and chopped, sieved and graded for inclusion to my potting mixes. Tree-ferns are of the family, *Cyatheaceae* and also, alive in the bush, are wonderful hosts for many epiphytes.

tremezzinae: of Tremezzina (: Tremezzo), a coastal town of Lake Como, Como, Lombardy, nthn. Italy. cf. *Orchis x tremezzinae* G.Keller 1932 (syn.).

tremolsii: listed for Spanish botanist, Tremols y Borrell (1831-1900). cf. *Epipactis helleborine* ssp.*tremolsii* (Pau) E.Klein 1979.

tremula: as *tremulum*. cf. *Phyllorkis tremula*. syn. *Bulbophyllum tremulum*.

tremulum: ref. *tremulus*: trembling; shaking; quivering. For the mobile labellum (reminds me of a bannister brush). cf. *Bulbophyllum tremulum*.

treste: ref. *tres* + suffix: threefold; having three. Many *Bulbophyllum* species have flowers that do appear to have only three outer floral segments, or perhaps this one usually only has three flowers (?). cf. *Bulbophyllum treste*.

treutleri: the listing for this species read: "Sikkim, Himalaya, Treutler" (for orig.coll., haven't any further info.). cf. *Epigeneium treutleri* (Hook.f.) Ormerod 2000.

x *Trevorara*: auct.: possibly, see next entry (of Trevor?). On the syn. list, the result of *Arachnis x Phalaenopsis x Vanda*.

Trevoria: Lehm.1897: of Trevor, listed for Sir Trevor Lawrence. More see *lawrenceana*. ex Colombia, eg. *Trevoria chloris*.

tri-: used in compwds., ref. *trion*: three.

triadenium: *tri*-+*-adenium*: three + small gland. Or, could be: three + glanded (?). cf. *Bulbophyllum triadenium*.

triadensis: for place name (+ from), only listed as ex Greece. cf. *Ophrys x triadensis* G.& H.Kretzschmar 1998.

triaena: three + ref. *aeneus*: bronze. cf. *Peristylus triaena*.

trialata: three + wing. cf. *Pleurothallis trialata*. syn. *P. tricarinata*. Trivium: one says it has three wings, the other: three keeled. + See wing.

trialatum: three + winged. Ref. the frilly wings at column apex. cf. *Epidendrum trialatum*.

trianae: of Triana. Listed for José Jeronimo Triana (1834-1890), botanist and author of Bogotá, Colombia. cf. *Cattleya trianae* Linden & Rchb.f.1860.

triandra: three + ref. *andros*: man; male. cf. *Thelasis triandra*. syn. *T. pygmaea*.
triandrum: three + male. Noted as an unusual oddity, as it has three fertile anthers. cf. *Bulbophyllum triandrum*.
triangis: this has to be a contraction, as it refs. to the triquetral ovary (*tri-*: three + *-angis*, ref. *angeion*: receptacle; vessel, for the ovary). + Note the “correct name” and see triquetral. cf. *Angorchis triangis*. syn. *Angraecum triquetrum*.
triangula: three + angle, or ref. *triangulus*: triangle. cf. *Zeuxine triangula*.
triangulabia: three + angle + lip. cf. *Pleurothallis triangulabia*. syn. *P. phyllocardia*.
triangulabium: as *triangulabia*. cf. *Epidendrum triangulabium*.
triangular: ref. *triangulus*: triangle, + ref. *triangularis*: of, or like a triangle. As the geometric figure; having three corners, or angles; three-sided; triangular.
triangulare: see triangular. cf. *Prasophyllum triangulare*. Noted as endemic to West.Aust.
Triangulares: those being triangular.= *Masdevallia* section.
triangulariferum: see triangular + bearing. cf. *Epidendrum triangulariferum*.
triangularis: see triangular. Ref. labellum mid-lobe. cf. *Caladenia* x *triangularis* R.S.Rogers 1927. Noted as endemic to West.Aust.
triangulatum: see triangular. cf. *Epidendrum triangulatum*. syn. *E. triangulariferum*.
triangulifera: see triangular + bearing. cf. *Encyclia triangulifera*.
trianguliflora: see triangular + flower. cf. *Stelis trianguliflora*. syn. *S. tristyla*.
triangulifolium: see triangular + leaf. cf. *Angraecum triangulifolium*.
triangulilabia: see triangular + lip. cf. *Pleurothallis triangulilabia*. syn. *P. phyllocardia*.
triangulipetala: see triangular + petals. cf. *Trichosalpinx triangulipetala*.
triangulisepala: see triangular + sepal. cf. *Stelis triangulisepala*.
triangulum: see triangular. Has many triangular (-like) parts, but probably, is mostly for the labellum lateral lobes. cf. *Dendrobium triangulum*.
triangulus: descwd.: three + angle; triangle. + See triangular.
triantherifera: three + flowers, or see anther + bearing. cf. *Calanthe triantherifera*.
trianthophora: three + flowers + bearing. cf. *Triphora trianthophora*.
trianthophoros: three + flowers + bearing. cf. *Arethusa trianthophoros*. syn. *Triphora** *trianthophora*. *Note, *Triphora*: three + bearing.
trianthophorus: three + flowers + bearing. cf. *Pogonia trianthophorus*. syn. *P. trianthophora*.
trianthum: three + flower(s). cf. *Epidendrum trianthum*.
triapiculata: three + see apiculate (: pointed, etc.). cf. *Stelis triapiculata*.
triaristata: three + see aristate: awned; bristled, etc. cf. *Stelis triaristata*.
Triaristella: (Rchb.f.) Brieger ex Luer 1978: three + awn + small. eg. *Triaristella reichenbachii*. syn. *Trisetella triaristella*.
triaristella: three + awn + small. cf. *Trisetella triaristella*.
triaristellum: as *triaristella*. cf. *Bulbophyllum triaristellum*. syn. *B. intertextum*.
Triaristellae: (those) with three small awns.= *Masdevallia* section.
Triaristellina: Rauschert 1983: three + awn + small + like. Was probably likened to *Triaristella*. syn. *Trisetella** Luer. *(: three small bristles).
Trias: Lindley 1830: a group of three. Ref. flower shape. ex India to Indo-China, eg. *Trias oblonga* Lindley 1830.

x *Triaspetalum*: auct. May be: a group of three + petals, or see, *petalo*:- broad, etc. On the syn. list as, cf. x *Triasphyllum* (which is also noted as a syn.).

x *Triasphyllum*: auct. On the syn. list, cf. *Bulbophyllum* x *Trias*.

triastella: a group of three + small. cf. *Trisetella triastella*.

tribe: a rank in the taxonomic hierarchy superior to sub-tribe and subordinate to sub-family. (Orig., ref. *tribus*: one of the three divisions of the Roman people). Usually denoted by the suffix *-eae*. eg. *Thelymitreae*.

Tribrachia: Lindley 1824: three + ref. *brachium*: arm. syn. *Bulbophyllum* Thouars.

Tribrachium: Benth. ex Benth. & Hook.f. 1883: three + ref. *brachium*: arm. syn. *Bulbophyllum* Thouars.

Tribulargo: Luer 2004: see *tribuloides*, with different suffix: like, etc. syn. *Pleurothallis* R.Br.

tribuloides: the suffix *-oides*: resembling. But, *tribul*- could be, ref. *tribulus*: a general word for a thorn; spike, etc.+ Was the name for a weapon of war: a ball-like implement having very sharp spikes which were scattered around an expected battlefield, creating havoc to the enemy's cavalry. Also ref. *tribulus*: a "star thistle": a common European weed having a small "head" of flowers encompassed by radiating sharp spikes, hence the word association to the previous *tribulus*. + It could be ex *tribulis*: a member of the same tribe, and/or ref. *tribulosus*: full of, or with many spikes; thorns: thorny; spiky (?). cf. *Pleurothallis tribuloides*.

tribulosus: sometimes seen in descriptions: thorny; spiky. See *tribuloides*.

tricalcarata: three + spurred, or pointed (see *calcarate*). cf. *Aeranthus tricalcarata*.

tricalcariformis: three + spur + shape; form. cf. *Lemurella tricalcariformis*.

*tricalliatu*s: three + calli + like; having. Ref. the labellum. cf. *Sarcochilus tricalliatu*s. syn. *Sarcochilus minutiflos*. Noted as endemic to Qld., Aust.

tricallifera: three + calli + bearing. cf. *Ceratostylis tricallifera*.

tricallosa: three + see callose, calli. cf. *Liparis tricallosa*.

tricallosum: as *tricallosa*. cf. *Epigeneium tricallosum*.

tricallosus: as *tricallosa*. cf. *Elleanthus tricallosus*.

tricanaliferum: three + canal(s) + bearing (of interest, see *canaliculate*). cf. *Bulbophyllum tricanaliferum*.

tricardium: three + heart. cf. *Stelis tricardium*.

tricarinata: three + keeled. cf. *Calanthe tricarinata*.

tricarinatum: three + keeled. cf. *Bulbophyllum tricarinatum*.

tricarpellate: having three carpels. + See *locule*.

tricaudata: three + tailed. cf. *Pleurothallis tricaudata*. syn. *Trichosalpinx arbuscula*.

*tricer*as: three + horn(s). Alluding to the sepals. cf. *Eulophia tricer*as. syn. *E. longisepala*.

triceratops: three + horned + face. Could be a pun, alluding to the ancient dinosaur, *Triceratops*, although the floral segments do terminate into three small "horns". cf. *Masdevallia triceratops*. syn. *Dracula mopsus*.

Triceratorhynchus: Summerh.1951: three + horned + snout; beak. eg. *Triceratorhynchus viridiflorus*. Noted as endemic and monotypic to eastn. Africa.

trich-, etc.: used in compwds., as *trich-*, *-tricha*, *-trichum*, *-trichus*. Ref. *trichos*: hair and mostly means, hairy. + Can be: hair-like; anything to do with hair.

x *Trichachnis*: auct. On the syn. list, cf. *Arachnis* x *Trichoglottis*.

trichaete: *tri-* + *chaete*: three + see *chaeta*: bristle. Ref. tips of sepals. cf. *Habenaria trichaete*.

trichambon: hairy + crest; ridge. Also could be: hair + rising (?). cf. *Bulbophyllum trichambon*.

trichidion: listed as a dimin. of *trichos*: hair. cf. *Lepanthes trichidion*.

trichocarpa: hairy + fruit (capsule). cf. *Dichaea trichocarpa*.

trichocarpon: as *trichocarpa*. cf. *Cymbidium trichocarpon*. syn. *Dichaea trichocarpa*.

trichocarpum: as *trichocarpa*. cf. *Epidendrum trichocarpum*. syn. *Dichaea trichocarpa*.

trichocarpus: as *trichocarpa*. cf. *Podochilus trichocarpus*.

trichocaulis: hair + stem; stalk. cf. *Lepanthes trichocaulis*.

Trichocentrinae: *Trichocentrum* + suffix denotes it's a sub-tribe.

Trichocentrum: Poepp.& Endl.1836: hair + spur. Some species have a very slender spur that is alluded to be hair-like. ex Colombia, eg. *Trichocentrum pulchrum*.

trichocephalum: hairy + head. cf. *Bulbophyllum trichocephalum*.

trichocera: hair + horn. cf. *Orchis trichocera*. syn. *O. quadripunctata*.

Trichoceras: Sprengel 1817, see *Trichoceros*. syn. *Trichoceros*.

trichoceras: hair + horn. cf. *Habenaria trichoceras*. syn. *H. nuda*.

Trichoceros: Kunth 1816: hairy + horn(s). Has hairy, horn-like projections on the column. ex Colombia, Ecuador and Peru, eg. *Trichoceros antennifer*.

trichochila: hairy + lip. cf. *Habenaria trichochila*. syn. *H. medioflexa*.

Trichochilus: Ames 1932, see *trich-* + lip. syn. *Dipodium* R.Br.

trichochlamys: hairy + cape; cloak; mantle; covering. cf. *Bulbophyllum trichochlamys*.

x *Trichocidium*: auct. On the syn. list, cf. *Oncidium* x *Trichocentrum*.

trichodactyla: hair + digit; finger. cf. *Lepanthes trichodactyla*.

trichodes: see *trich-* + resembling. cf. *Oncidium trichodes*.

trichoglossa: see *trich-* + tongue. cf. *Habenaria trichoglossa*.

Trichoglottis: Blume 1825, see *trich-* + tongue. eg. *Trichoglottis australiensis* Dockrill 1967.

Listed as endemic to nth.Qld., I wouldn't swear to it being the same, but it has a twin brother, pers.coll., fairly common ex PM.PMG.

trichoglottis: see *trich-* + tongue. cf. *Bulbophyllum trichoglottis*. syn. *B. hirtulum*.

trichogyna: see *trich-* + woman (: the stigma, or ovary?). cf. *Sarcoglottis trichogyna*.

trichoneurus: initially, I got this one wrong by breaking it into *tri-* + *chone* (+ *urus*): three + funnelled. So, read the description and it's: *tricho-* + *-neurus* (see *neuro-*): hairy + nerved (veined). cf. *Phaius trichoneurus*.

x *Trichonopsis*: auct. On the syn. list, cf. *Phalaenopsis* x *Trichoglottis*.

trichopetalum: see *trich-* + petals. A petal is slender and hair-like, or it has hairy petals (?). cf. *Epidendrum trichopetalum*.

Trichophila: Pritzl 1855: hairy + loves (?). May have been a misunderstanding, see *Trichopilia*. syn. *Trichopilia*.

trichophora: see *trich-* + bearing. cf. *Pleurothallis trichophora*.

trichophylla: see *trich-* + leaf. cf. *Nervilia trichophylla*.

Trichopilia: Lindley 1836: hairy + see *pili-*, ref. *pileus*: a turban, + ref. *pilia*, see *pileus*: a cap. Ref. apex of column. ex Costa Rica, eg. *Trichopilia suavis*.

trichopiliochila: hairy + see *pileus*: (felt) cap + lip. cf. *Cattleya trichopiliochila*. syn. *Cattleya wallisii*.

trichoplectron: see *trich-*+ spur. cf. *Angraecum trichoplectron*.

trichopoda: see *trich-*+ foot. cf. *Malaxis trichopoda*.

x *Trichopogon*: E.Sánchez & J.M.H.Shaw. On the syn. list, cf. *Telipogon* x *Trichoceros*.

x *Trichopsis*: auct. On the syn. list, cf. *Trichoglottis* x *Vandopsis*.

trichopus: see *trich-*+ foot; footed. The only ref. to “hair” in the description is the peduncle, noted as *setiformibus*: bristle-shaped, or can be: hair-like (so, it has a very slender peduncle: the “foot”). cf. *Bulbophyllum trichopus*. syn. *B. laxum*.

trichorhachis: hair(y?) + see rachis. Possibly, the rachis is hair-like or, extremely slender (?). cf. *Bulbophyllum trichorhachis*.

Trichorhiza: Lindley ex Steud.1841: see *trich-*+ root(s). syn. *Luisia* Gaudich.

trichorhiza (+ have noted it as *trichorrhiza*): see *trich-*+ root(s). cf. *Luisia trichorhiza*. syn. *Cleisostoma simondii*.

trichorhizum: see *trich-*+ roots, or rhizome (? , see *rhiza*). cf. *Epidendrum trichorhizum*. syn. *Xerorchis trichorhiza*.

trichorrhachis: see *trich-*+ see rachis (+ see *trichorhachis*). cf. *Stelis trichorrhachis*.

trichorrhiza: see *trich-*+ roots. cf. *Luisia trichorrhiza*.

Trichosalpinx: Luer 1983: hairy + trumpet. Ref. the cauline sheaths. ex Colombia, eg. *Trichosalpinx alabastra*.

trichosantha: *trichos*: hair (hairy?) + flower. cf. *Habenaria trichosantha*.

trichosepalum: hair (-like) + sepals. The sepals taper to fine filaments. cf. *Dendrobium trichosepalum*.

Trichosia: Blume 1825: very hairy. Everything is hairy, even the roots. syn. *Trichotosia*.

Trichosma: Lindley 1842: could be a contraction of *trichos* + *kosmos*: hairy + ornament. Or, *trichos* + *osmos*: hair + pushed forward (?). The ref. is to the fringed lamellae of the labellum. eg. *Trichosma suavis*. syn. *Eria coronaria*.

trichostata: hair; hairy + like; having (being). cf. *Chysis trichostata*.

trichostoma: hairy + mouth. cf. *Callista trichostoma*. syn. *Dendrobium trichostomum*.

trichostomum: hairy + mouth. cf. *Dendrobium trichostomum*.

x *Trichostylis*: auct. On the syn. list, cf. *Rhynchostylis* x *Trichoglottis*.

trichotaenia: hairy + ribbon; band, etc. Flower has a hairy transverse stripe. cf. *Eria trichotaenia*.

Trichotosia: Blume 1825: covered with hair; very hairy. Sure is! and the example I give is one of those wonderful generic names which compliments the plant perfectly. ex Nepal to Indo-China, eg. *Trichotosia dasyphylla*. Both freely translated: covered with hair + (has) shaggy leaves.

Trichotosia: see last entry.= *Eria* section.

x *Trichovanda*: auct. On the syn. list, cf. *Trichoglottis* x *Vanda*.

trichroma: three + colour. cf. *Dracula trichroma*.

trichromum: three + coloured (for the flowers, being pink, white + a pale buff). cf.

Cleisostoma trichromum.

trichromus: three + colour(s). cf. *Hapalochilus trichromus*. syn. *Bulbophyllum trichromum*.

trichyphus: three + ref. *kyphos*: hump; bend, etc. cf. *Pleurothallis trichyphus*.

triclavigerum: three + club + bearing. cf. *Bulbophyllum triclavigerum*.

tricolor: three + colour. cf. *Vanda tricolor*. Listed as ex Laos, Java and the Philipp., to Bali.

It's also thought to come from Arnhem Land, NT., yet most authors seem to doubt its existence in Aust.

tricolora: this may be ref. *tricolor*: trifle; make mischief; dally (+ of). Perhaps Dr. Schlechter found it difficult to classify (?). cf. *Pleurothallis tricolora* Schltr. syn. *P. sclerophylla*.

tricornis: three + horns. Ref. the stelia (: two) + a stigmatic projection. cf. *Bulbophyllum tricornis*.

tricornoides: three + horn + resembling. Noted, it was likened to *Bulbophyllum tricornis*. cf. *Bulbophyllum tricornoides*.

tricornis: three + horn(s). cf. *Appendicula tricornis*. syn. *A. angustifolia*.

tricostata: three + see costate: ribbed, etc. cf. *Trichoglottis tricostata*.

tricostatum: as *tricostata*. Ref. the three-winged (or, ribbed) ovary. cf. *Dendrobium tricostatum*. syn. *D. subacaule*.

tricristata: three + crested. cf. *Eulophia tricristata*.

tricuris: as *tricuris*. cf. *Epidendrum tricuris*.

tricuris: three + legged (+ see crural). cf. *Polystachya tricuris*. syn. *P. concreta*.

tricuspe: three + points. Ref. the labellum has three ridges, each with a red tip. cf. *Dendrobium tricuspe*.

tricuspidata: three + pointed (+ see cuspidate). cf. *Papilionanthe tricuspidata*.

tricuspidatum: as *tricuspidata*. cf. *Corycium tricuspidatum*.

tricuspidatus: as *tricuspidata*. cf. *Leochilus tricuspidatus*.

tricuspis: three + point(s, or pointed). cf. *Tridactyle tricuspis*.

tricycla: three + circle (or, circular?). cf. *Masdevallia tricycla*.

Tridachne: Liebm. ex Lindley & Paxton 1852: listed as ref. *tridachna*: a pelecypod*, an extinct ocean mollusc, like a clam; mussel, etc. (only found as fossils). ex Mexico, eg. *Tridachne virens*. syn. *Notylia barkeri*. *Trivium, pelecypod translates as: small axe; hatchet + foot and refs. to the animal's mobile tongue. Again, get a grasp of this wonderful language and a whole new world opens for you.

tridachne: as *Tridachne*. cf. *Notylia tridachne*. syn. *Notylia orbicularis*.

tridactyla: three + digits; fingers. cf. *Habenaria tridactyla*.

Tridactyle: Schltr. 1914: three + finger; digit. Ref. the labellum lobes. ex west trop. Africa, eg. *Tridactyle armeniaca*.

tridactylites: like three fingers. Or could be: those with three fingers (?). Ref. labellum lobes. cf. *Habenaria tridactylites*.

tridactyloides: three + digit; finger + resembling. cf. *Stelis tridactyloides*.

tridactylon: three + digit; finger. cf. *Stelis tridactylon*.

tridactylum: three + digit; finger. Ref. shape of labellum. cf. *Epidendrum tridactylum*.

tridax: this is probably a contraction of *tridachna*, see *Tridachne*. cf. *Erythroxes tridax*.

tridens: tri-+ *dens*: three + teeth, or ref. *tridens*: a three-tined fork; tool (?). cf. *Habenaria tridens*.

tridentata: see tridentate. cf. *Plectorrhiza tridentata*. Noted as endemic to eastn. Aust.

tridentate: like, or having three teeth, ie. parts, or projections likened to teeth. Usually, relatively sharp pointed and not confined to just the flower. eg. A leaf apex can be tridentate.

tridentatum: see tridentate. cf. *Bulbophyllum tridentatum*.

tridentatus: as tridentate. cf. *Peristylus tridentatus*. syn. *Holothrix tridentata*.

tridenticulate: same as tridentate with an added dimin.: like, or having three small teeth. The word can be seen in discussions, esp. of Pleurothallids. Some species have a notch at the tip of the leaf (see emarginate) and the mid-rib extends fractionally (see mucro). So, instead of describing this as: emarginate-mucronate, it's simply called tridenticulate.

tridentifera: as *tridentiferum*. cf. *Callista tridentifera*. syn. *Dendrobium tridentiferum*.

tridentiferum: three + teeth + bearing. cf. *Dendrobium tridentiferum*.

tridentula: three + small tooth; small teeth (?). cf. *Malaxis tridentula*.

tridioides: confusing this one! Lit.: three + two + resembling. Or, could be ref. *tridymos*: threefold +-oides: resembling a group of three (?). cf. *Cymbidium tridioides*.

trifarious: sometimes seen in discussions. Ref. *trifarius*: pointing in three directions, or arranged in three rows. + Can be: triple; threefold.

trifarium: as trifarious. cf. *Bulbophyllum trifarium*.

trifasciata: as *trifasciatus*. cf. *Beadlea trifasciata*. syn. *Cyclopogon trifasciatus*.

trifasciatus: three + see fasciate: banded, etc. cf. *Cyclopogon trifasciatus*.

trifid: descwd.: three +-fid, ref. *fidus*: split. Divided by three clefts, splits, notches, etc.

trifida: as *trifid*. cf. *Corymbosa trifida*.

trifidum: as *trifid*. cf. *Prasophyllum trifidum*. Noted as endemic to NSW., Aust.

trifilum: three + threads. Ref. the sepals. cf. *Bulbophyllum trifilum*.

triflora: three + flowers. cf. *Phyllorkis triflora*. syn. *Bulbophyllum triflorum*.

triflorum: three + flowers. cf. *Epigeneium triflorum*.

trifolia: three + leaf. cf. *Pterostylis trifolia*. syn. *P. venosa*. Noted as endemic to NZ.

trifoliata: three + leaf + like; having. cf. *Coryanthes trifoliata*.

trifolium: three + leaf. cf. *Bulbophyllum trifolium*

trifurca: three + fork(s). cf. *Angraecopsis trifurca*.

trifurcata: three + see furcate: forked, etc. cf. *Lepanthes trifurcata*.

trifurcatum: as *trifurcata*. cf. *Amitostigma trifurcatum*.

trifurcum: three + fork. cf. *Mystacidium trifurcum*. syn. *Angraecopsis trifurca*.

trigeneric: of, or to do with three genera. eg. A hybrid achieved by crossing three genera. One kind is *Brassolaeliocattleya*, named from the parents: *Brassia*, *Laelia* and *Cattleya*.

trigloch: three + -*gloch*: projecting point, like the point of an arrow, or spear, etc. Also *Trigloch* is listed as a genus of small swamp plants (not orchids). For some superficial likeness (?), + it is listed that this species does like a swampy habitat. cf. *Prasophyllum ovale* var. *trigloch*. Noted as endemic to West.Aust.

x *Trigolyca*: auct. On the syn. list, cf. *Mormolyca* x *Trigonidium*.
trigon-, *trigoni-*, *trigono-*: used in combwds., ref. *trigonos*: three angled. Having three angles with plane surfaces between them. Sometimes can infer: triangular.
trigona: see *trigon-*. Ref. the rachis: three angled; three winged; almost triangular. cf. *Octarrhena trigona*. Noted as endemic to Papua, Indon.
Trigonanthe: (Schltr.) Brieger 1975: see *trigon-*+ flower. syn. *Dryadella* Luer.
Trigonanthe: as last entry.= *Masdevallia* subgenus.
trigonellodorum: three + angle + small + scented. Reported to be for two features: ref. the small triangular mid-lobe (*trigonell-*) + the flower has an offensive perfume (*-odorum*). cf. *Dendrobium trigonellodorum*.
trigonidioides: see *Trigonidium* + resembling. cf. *Bulbophyllum trigonidioides*.
Trigonidium: Lindley 1837: three angled + dimin., or like (?). ex Brazil, eg. *Trigonidium latifolium*.
trigoniflora: three + angle + flower. cf. *Stelis trigoniflora*. syn. *S. ophioglossoides*.
trigoniflorum: three + angle + flower. cf. *Epidendrum trigoniflorum*. syn. *Stelis ophioglossoides*.
trigonobulbum: three + angle + bulb. cf. *Bulbophyllum trigonobulbum*.
trigonocardia: see *trigon-*+ heart. cf. *Micropera trigonocardia*. syn. *Malaxis acuminata*.
trigonocarpa: three + angle + fruit (capsule). cf. *Cadetia trigonocarpa*. syn. *C. triquetra*.
trigonocarpum: as *trigonocarpa*. cf. *Bulbophyllum trigonocarpum*.
trigonocarpus: as *trigonocarpa*. cf. *Hapalochilus trigonocarpus*. syn. *Bulbophyllum trigonocarpum*.
trigonochila: three + angle + lip. cf. *Polystachya trigonochila*. syn. *P. calluniflora*.
Trigonochilum: Königer & Schildh.1994: three + angle + lip. syn. *Oncidium* Sw.
trigonoglossa: three + angle + tongue. cf. *Oberonia trigonoglossa*.
trigonopetala: three + angle + petals, or see *-petalo-*: broad; wide (: a broad triangle?).
Malaxis trigonopetala.
trigonopoda: three + angle + foot. cf. *Pleurothallis trigonopoda*. syn. *P. sicaria*.
trigonopus: three angle + foot; footed. cf. *Dendrobium trigonopus*.
trigonosepalum: three angle + sepal(s?). cf. *Bulbophyllum trigonosepalum*.
trigonum: three angle(s). cf. *Aerides trigonum*. syn. *A. roseum*.
trikalana: for place name: Trikala (+ of), a city of Thessaly, and/or also noted a town in Central Macedonia, Greece (?). cf. *Epipactis* x *trikalana* B.& H.Baumann 1988.
trilabelliae: three + lipped, or with three lips. Other structures give the appearance of it having three labella. cf. *Cattleya labiata* forma *trilabelliae*.
trilabiata: having, or like three labella. The labelloid petals droop very close to the labellum, so appears to be three lipped. cf. *Cattleya trilabiata*. syn. *C. warneri*.
trilabiatum: three + lipped. cf. *Epidendrum trilabiatum*.
trilabra: three lips. cf. *Chiloglottis trilabra*. syn. *C. reflexa*. Endemic to NSW., Aust.
trilammelata: see *trilammelatum*. cf. *Flickingeria trilammelata*.
trilammelatum: three + see lammela, lammelate. Ref. the lamina callus having three ridges. cf. *Dendrobium trilammelatum*. syn. *Flickingeria bancana*.
trilepidis: three + see *lepid-*: to do with scale(s). cf. *Polystachya odorata* var. *trilepidis*.

trilineata: three + lined. Ref. the labellum. cf. *Lepanthes trilineata*. syn. *Pleurothallis grobyi*.
trilineatum: three + see lineate: lined, etc. cf. *Bulbophyllum trilineatum*.
trilineatus: three + lined. cf. *Cyclopogon trilineatus*. syn. *C. longibracteatus*.
trilingue: three + tongue(s). cf. *Cyrtochilum trilingue*.
trilinguis: three + tongue(s). cf. *Cynorkis trilinguis*.
triloba: three + lobe(s). cf. *Corysanthes triloba*. syn. *Corybas smithianus*.
trilobata: as trilobate. cf. *Orchis trilobata*.
trilobate: like, or having three lobes. See lobe.
trilobatus: see trilobate. cf. *Elleanthus trilobatus*. syn. *E. longibracteatus*.
trilobochilum: see trilobate + lip. cf. *Epidendrum trilobochilum*.
triloboviridis: three + lobe + green. cf. *Ophrys fuciflora* ssp. *triloboviridis*. syn. *O. holoserica*.
trilobulata: as trilobate with an added dimin.: like, or having three small lobes. Ref. apex of labellum. cf. *Phreatia trilobulata*.
trilobulatum: as *trilobulata*. cf. *Dendrobium trilobulatum*.
trilobulatus: as *trilobulata*. cf. *Physurus trilobulatus*. syn. *Platythelys vaginata*.
trilobum: three + lobe(s). Ref. the labellum. cf. *Taeniophyllum trilobum*.
trilobus: three + lobe(s). cf. *Podochilus trilobus*.
trilocar: a poor contraction for trilocular.
trilocular: having three small chambers, or cells. + See locule, loculate.
trilophota: three + crest(s). The labellum has three striking, pubescent, purplish ridges. cf. *Eria trilophota*.
triloris: three + ref. *lorum*: strap; thong. Ref. the sepals. cf. *Maxillaria triloris*.
trimaculatus: see *tri*-+ maculate. ref. *Colax viridis* var. *trimaculatus*. syn. *Pabstia modestior*.
trimenii: of Trimen. Listed for orig.coll., botanist and author, Henry Trimen (1843-1896). ex Sri Lanka, cf. *Bulbophyllum trimenii* (Hook.f.) J.J.Sm.1912.
trimerinx: three + ref. *merinx*: bristle. cf. *Lepanthes trimerinx*.
trimerochilum: three + part(s) + lip. cf. *Catasetum trimerochilum*. syn. *Mormodes lineata*.
trimeroglossa: three + parts + tongue (it's tri-lobed). cf. *Pleurothallis trimeroglossa*. syn. *P. talpinaria*.
trimeroglossum: three + part(s) + tongue. cf. *Epidendrum trimeroglossum*.
trimeropetala: three + part + petals, or see *-petalo-*, which then makes the word: three wide, or broad parts (?). cf. *Habenaria trimeropetala*. syn. *H. coxipoensis*.
trimorion: three + ref. *morion*: piece; bit; part; portion; section. cf. *Sigmatostalix trimorion*.
trinaria: having three, or a group of three, ref. *trinus* + see *-are* (?). cf. *Lepanthes trinaria*.
trinasutum: I first thought: three small noses, but it's ref. *trinus*: threefold (as three in one) + ref. *sutus*: sewn (together). cf. *Meiracyllium trinasutum*.
trinema: three threads. Ref. tips of floral segments. cf. *Dracula trinema*. syn. *D. velutina*.
trinemoides: three + thread + resembling. cf. *Masdevallia trinemoides*. syn. *Masdevallia heteroptera*.
trinerve: three + ref. *nervus*: nerve (: vein). cf. *Cymbidium trinerve*. syn. *Cyrtopodium punctatum*.
trinervia: as *trinerve* (+ of). cf. *Habenaria trinervia*. syn. *H. digitata*.
trinervis: as *trinerve*. cf. *Tainia trinervis*.

trinervium: three + nerve + like. Not for nerves, or veins, refs. to three labellum keels. cf.

Dendrobium trinervium.

trinitatis: I had it as: three + being shiny. Much reading later, found it is Lat'd. spelling for a place name: *Trinitatis Insula*: Trinidad Island, W.Indies. cf *Erythroxes trinitatis* Ames 1922. Noted as endemic to Trinidad.

trinitensis: same as *trinitatis* (but. with *-ensis*: origin; from, etc.). cf. *Dichaea trinitensis* Gleason 1927. syn. *D. rendlei*.

trinodis: three + see node. cf. *Ceratostylis trinodis*.

trinotata: three + marked; blotched, etc. cf. *Palmorchis trinotata*.

trinympharum: three + nymphs; fairies + of. cf. *Dracula trinympharum*.

triodon: three + teeth; toothed. cf. *Catasetum triodon*.

trionyx: three + see *onyx*. cf. *Masdevallia trionyx*. syn. *M. falcago*.

trioon: definitely three (see *tri-*+ see *-on*, *-oon*). cf. *Masdevallia trioon*. syn. *M. bangii*.

triophthalma: three + eye(s). cf. *Laelia* x *triophthalma* (Rchb.f.) Veitch.

Triorchis: Millán 1765: three + testicles (: tuberoids), or ref. *triorchis*: lit., a kind of hawk (?). syn. *Spiranthes* Rich.

triorchis: three + testicles (tuberoids), as ref. the "correct name", see *monorchis*. cf. *Ophrys triorchis*. syn. *Herminium monorchis*.

Triorchos: Small & Nash 1903: ref. *triorchos*: a buzzard; kite; hawk (: birds). Alluding to the lip. syn. *Pteroglossaspis* Rchb.f. + Others are noted as, syn. to *Eulophia*.

triotos: three + ear(s). cf. *Coelogyne triotos*. syn. *Pholidota imbricata*. Pers.coll., see notes at *imbricata*.

Triotosiphon: three + ear + tube. Alluding to the bell-like flower. Ref. the sepaline tube and the ends of the sepals likened to (pointed) "ears". = *Masdevallia* section. syn. *Masdevallia* subsection *Tubulosae*.

tripaleum: three + see *paleae*: appendages to the floral segments. cf. *Bulbophyllum tripaleum*.

tripartita: see tripartite. cf. *Encyclia tripartita*.

tripartite: three + ref. *partitus*; divided. Divided into three parts; having three corresponding parts.

tripartitum: see tripartite. cf. *Epidendrum tripartitum*. syn. *Encyclia tripartita*.

tripetala: three + petals, or see *-petalo-*: wide; broad. cf. *Didactyle tripetala*. syn. *Bulbophyllum tripetalum*.

tripetaloides: three + petal + resembling. Or, may have been likened to *Bulbophyllum tripetalum* (?). cf. *Bulbophyllum tripetaloides*. syn. *B. auricomum*.

tripetalum: three + petals, or see *-petalo-*: wide, etc. cf. *Bulbophyllum tripetalum*.

tryphiiformis: ref. *tryphe*: luxuriance; delicacy; softness, and/or ref. *trypheros*: delicate; dainty + of + form. cf. *Gymnadenia tryphiiformis*. syn. *Amitostigma gracile*.

Triphora: Nutt.1818: three + bearing. Has three crests on the three lobed lip, and/or (often) has only three flowers (see *trianthophora*). ex Brazil, eg. *Triphora carnosula*.

triphylla: three + leaf. cf. *Cynorkis fastigiata* var. *triphylla*.

triphyllum: three + leaf. cf. *Dendrobium triphyllum*. syn. *Maxillaria triphylla*.

Tripleura: Lindley 1833, I said *triple*-+*-ura*(: threefold + tails), but it's *tri*-: three + *-pleura*: rib. Refs. to the keeled sepals. syn. *Zeuxine* Lindl.

triplicata: see triplicate. cf. *Calanthe triplicata*. Pers.coll., a beautiful terrestrial, not uncommon ex PM.PNG. + See notes at *engleriana*.

triplicate: looks familiar, but for us, ref. *tri*-: three + see plicate: folded; pleated.

triplicatula: see triplicate with an added dimin. (small): having three small folds; pleats. cf. *Coelogyne triplicatula*.

triploid: a technical term.: Having three times the number of chromosomes characteristic of germ cells of the species (: having three sets of chromosomes). Such a plant: a triploid.

triploidea: threefold + like + of. Or possibly, see triploid. cf. *Epipactis atrorubens* ssp.*triploidea*. syn. *E. atrorubens*.

triplonema: group of three, or ref. *triplex*: threefold (?) +*-nema*: thread(s). Ref. labellum lobes. cf. *Habenaria triplonema*.

Triplorhiza: Ehrh.1789: group of three + root. Ref. the digitate tuberoid. syn. *Pseudorchis*.

tripollex: three + thumb. cf. *Porroglossum tripollex*.

tripollinica: three + pollinia + see *-ica*: of; like,etc. cf. *Centroglossa tripollinica*.

tripollinicus: as *tripollinica*. cf. *Ornithocephalus tripollinicus*. syn. *Centroglossa tripollinica*.

triptera: three + wing(s). cf. *Encyclia triptera*. syn. *Prosthechea pygmaea*.

tripterantha: three + wing + flower. cf. *Pleurothallis tripterantha*.

tripteranthus: as *tripterantha*. cf. *Anthereon tripteranthus*. syn. *Pleurothallis tripterantha*.

tripteris: three + wing(s). cf. *Pleurothallis tripteris*. syn. *Pleurothallis sicaria*.

tripterocarpa: three + wing + fruit (capsule). cf. *Pleurothallis tripterocarpa*.

tripterum: three + wing. cf. *Cymbidium tripterum*. syn. *Coelia triptera*.

tripterus: three + wing. cf. *Ornithocephalus tripterus*.

tripterygia: see *tripterygium*. cf. *Humboldtia tripterygia*. syn. *Pleurothallis tripterantha*.

tripterygium: three + ref. *pterygion*: small wing. cf. *Oncidium tripterygium*. syn. *Caucaea tripterygia*.

tripudians: lit.: dancing (+ ref. *tripudium*: a rhythmic dance). cf. *Bulbophyllum tripudians*.

Tripudianthes: see *tripudians*: dancing + flower.= *Bulbophyllum* section.

tripulvinatum: three + see pulvinate: having, or like a pad; cushion, etc. ex New Guinea, cf. *Taeniophyllum tripulvinatum*.

tripunctata: three + see punctate. Having, or like three spots; dots. Not really dots, as they are minute tooth-like projections at the column apex. cf. *Prosthechea tripunctata*.

tripunctatum: as *tripunctata*. cf. *Epidendrum tripunctatum*. syn. *Prosthechea tripunctata*.

triquetra: see triquetral. cf. *Cadetia triquetra*.

triquetral: ref. *triquetrus*: having three concave sides meeting in three angles (+ suffix: of). + Can be: three cornered; three sided. + Ref. triquetrous.

triquetrum: see triquetral. Ref. the ovary. cf. *Angraecum triquetrum*.

trirhopalon: three + club(s). Ref. the paleae at the petal stumps. cf. *Bulbophyllum trirhopalon*.

trisaccata: three + see *saccate*: pouched, etc. Ref. *saccate* base of sepals. cf. *Coelogyne trisaccata*. syn. *Neogyna gardneriana*.
trisaccatum: as *trisaccata*. cf. *Dendrobium trisaccatum*. syn. *D. bracteosum*. Pers.coll., see notes at *bracteosum*.
triseipala: three + sepals. cf. *Notylia triseipala*.
trisetia: three + bristle(s). cf. *Stelis trisetia*. syn. *S. bicornis*.
Trisetella: Luer 1980: three + bristle + small. Ref. the small tails of the sepals. ex Costa Rica to Bolivia, eg. *Trisetella triaristella* (: three small awns).
trisetosum: three + obvious bristles; bristly. cf. *Bulbophyllum trisetosum*. syn. *B. clandestinum*.
trisetum: three + see *seta*: bristle(s). cf. *Bulbophyllum trisetum*. syn. *B. longiflorum*.
triste: sadly (+ see *tristis*). With the dull, dark flowers, drooping raceme and leafless plant (when flowering), they do look sad. cf. *Megaclinium triste*.
tristelidium: three + see *stelidia*. Or: three + pillar; column + small; like, or characteristic of (?). cf. *Bulbophyllum tristelidium*.
tristis: has many explanations: sad; sorrowful; mournful; sombre, etc. cf. *Pterostylis tristis*. Noted as endemic to North Island, NZ.
tristriata: three + see *striate*: lined; faintly grooved, etc. cf. *Vrydagzynea tristriata*.
tristriatum: three + striped (not, something having three stripes!). Ref. the sepals, as the petals are very minute and at first glance all you notice are “three”, each with a longitudinal stripe. cf. *Bulbophyllum tristriatum*.
tristum: see *tristis*: sad, etc. cf. *Bulbophyllum tristum*. syn. *B. longiflorum*.
tristyla: three + see *style* (: point; column, etc.). cf. *Stelis tristyla*.
Tritelandra: Raf.1837. I first thought this to be for a person’s name, but knowing how heavily Mr.Raf. abbreviated his names, I give this explanation. Ref. *tri*:- three + *tel*-, ref. *telos*: (at) the end, or could be ex *teleios*: perfect (?) + *-andra*, ref. *andros*: man, male (can also ref. to stamen). syn. *Epidendrum* L.
triticea: ref. *triticeus*: of wheat. cf. *Liparis triticea*.
triumphans: splendid; gloriously triumphant. cf. *Odontoglossum triumphans*. syn. *Odontoglossum spectatissimum*.
triuncialis: three + hook + of. cf. *Coelogyne triuncialis*.
triura: three + tail(s). Ref. tips of sepals. cf. *Lepanthes triura*.
triurum: three + tail(s). cf. *Bulbophyllum triurum*.
trivalve: three + see *valve*, *valvate*. cf. *Zootrophion trivalve*.
Trivalves: (those) with three valves.= *Stelis* section. syn. *Stelis* section *Stelis*.
trivalvis: three + door(s). At first glance a flower appears to only have three floral segments. cf. *Spathoglottis trivalvis*. syn. *Acriopsis liliifolia*. Pers.coll., see notes at *javanica*.
trivenia: three + veins. cf. *Masdevallia trivenia*. syn. *M. paquishae*.
trivia (pl.), *trivium* (sing.): matters of interest, but little importance; “interesting asides”. Throughout the text I use *trivia* to, hopefully, make it more enjoyable. The words are an anglicised adaption of Latin, but in this language have an entirely different meaning and are to do with cross-roads (ref. *tri*:- three + *via*: way; path;

road), people meeting and stopping to gossip. Suffice to say they mostly mean: "commonplace".

triviale: ref. *trivialis*: common; popular. + See next entry. cf. *Dendrobium triviale*. syn. *Dendrobium calcaratum*.

triviale: did another entry as in the description the ref. is to the three veins of the tepals. Ref. *tri*:- three + *via*: way; path; road + suffix: of; relative to. cf. *Bulbophyllum triviale*.

Trixeuxis: Lindley 1826, see *Trizeuxis*. syn. *Trizeuxis*. Trivium: Prof. Lindley described both of these 3yrs. apart and yet still used the same feature for the genus name.

Trizeuxis: Lindley 1823: three + *-zeuxis*: a yoking; joining. Ref. the slightly connate sepals. ex Trinidad to the central Americas, eg. *Trizeuxis falcata*. Noted as monotypic.

trochilus: I had this as ref. *trochos*: wheel (or, anything round) + lip. But, later found it is more likely to be the one word, ref. *trochilos*: orig. for some kind of small bird (ref. *Trochilus*: a genus of humming-bird). + Ref. *trochilia*: a pulley, + where a surface has a groove, likened to that of a pulley (?). cf. *Masdevallia trochilus*.

trochopetala: ref. *trochos*: wheel (as circular) + petals, or see *-petalo*:- broad; wide. cf. *Oberonia trochopetala*.

troglodytes: lit., one who lives in a hole; cave. In English, a troglodyte is a reclusive cave-dweller; hermit, etc., but the plant doesn't live in a cave. Searched the description and my theory is it refs. to the labellum, as the epichil is concave and has a single, small keel within. Thus, it has "one in a cavity" (the epichil: the "cave"), so the keel is a troglodyte (good one, ... well, I like it!). cf. *Masdevallia troglodytes*.

trollii: listed for botanist, Wilhelm Troll (+ of). ex Switzerland, cf. *Ophrys trollii* Hegetschw. 1840. syn. *O. apifera*.

troodi: listed for place name: of the Troödos Mtns. (or, Troödos Massif?), Cyprus Island. cf. *Epipactis troodi* H. Lindb. 1942.

tropaeoliflora: as *tropaeoliflorum*. cf. *Callista tropaeoliflora*. syn. *Dendrobium perula*.

tropaeoliflorum: ref. *Tropaeolum*: a genus of trop. American plants (not orchids, family: *Tropaeolaceae*), many with shield-like flowers. + Ref. *tropaion*: a trophy (like a shield) + dimin. + flower (?). Or, could be simply, see *tropaeolinus*: a shade of red + *-florum*: flower. cf. *Dendrobium tropaeoliflorum*. syn. *D. perula*.

tropaeoliflorus: as *tropaeoliflorum*. cf. *Eurycaulis tropaeoliflorus*. syn. *Dendrobium tropaeoliflorum*.

tropaeolinus: I was going to carry on with *tropaeoliflorum*, but this is reported to be for a vague colour term (: *Tropaeolum* + like), of red; reddish and called "nasturtium red". A red colour common to *Nasturtium* flowers, family: *Tropaeolaceae*.

Trophianthus, *Tropianthus*: Scheidw. 1844, ref. *trope*: a change; turning + flower. syn. *Aspasia* Lindl.

tropida: keel, + see *Tropidia*. cf. *Trichosalpinx tropida*.

Tropidia: Lindley 1833: ref. *tropidos*: keel (as of a boat) + of, or *tropideion*: small keel. Ref. the labellum. ex New Guinea, eg. *Tropidia corymbioides*.

Tropidieae: see *Tropidia* + suffix denotes it's a tribe.

tropidiifolia: keel + leaf, or a leaf, likened to that of *Tropidia* (?). cf. *Corymborkis*

tropidiifolia. syn. *Corymborkis veratrifolia*.

Tropidiinae: *Tropidia* + suffix denotes it's a sub-tribe.

tropidioides: small keel + like, or likened to *Tropidia* (?). cf. *Epidendrum tropidioides*.

tropidoneuron: keel + nerve (or, vein). The lip has three veins likened to keels. cf.

Dendrobium tropidoneuron.

tropidophora: keel + bearing. cf. *Coelogyne tropidophora*.

tropidophorum: keel + bearing. cf. *Diplocaulobium tropidophorum*.

Tropilis: Raf.1837 (an easy one of his, for a change). Ref. *trope*: a turning; change + suffix: ability. It's reported the plants can have flowers of different sexes, + also differently coloured, hence the genus name. eg. *Tropilis adae*. syn. *Dendrobium adae*.

tropism: Having the ability to turn, or react to an external stimulus. A classic example is the common sunflower (: *Asteraceae* family) which turns its flowers, following the sun. Another good example are roots of plants, being aphototropic. See "A".

tropophila: ref. *trope*: change + loves. As this one is from westn. Madagascar, the specep. refs. to its ability to cope with the region's long dry season and then the extreme rains of the wet season.. cf. *Aeranthus tropophila*. + See next entry.

tropophyte: In a general discussion of habitats and weather extremes, the ref. was to tropical species that endure a very heavy wet season followed by a prolonged dry season. Describes a plant's adaptability to hot and cold, or wet and then dry, etc. Noted the word is anglicised from *trope*: a turning; change + -phyte, from *phyton*: plant.

troupiniana: belonging to Troupin. Ref. botanist and author, Georges M.D.J.Troupin (b1923). Listed as ex Rwanda to Zaire, cf. *Polystachya troupiniana* Geerinck 1979.

troxalis: ref. *trox* + see *-ale*: (as if) slightly chewed; gnawed. But, *troxalis*, also lit.trans. to a cricket, or grasshopper (+ of, etc.). Found another ref. to where a flower's column was likened to a grasshopper (see *Acriopsis*), perhaps this is a similar allusion (?). cf. *Epidendrum troxalis* Luer 1981.

troxis: nibbler, also may be for a grasshopper; cricket (?). cf. *Lepanthes troxis*.

troyana: may be for a person's name (+ belonging to). Among many locations, it's listed as ex Jamaica and have noted three villages there, called Troy (?). cf. *Habenaria troyana* Fawc.& Rendle 1909. syn. *H. eustachya*.

Trudelia: Garay 1986. Listed for Niklaus Trudel of Melen, Switzerland, an outstanding natural history photographer. ex the Himalayas to China, eg. *Trudelia cristata*. syn. *Vanda cristata*.

Trudelianda: Garay 1986: see *Trudelia*, but haven't any ref to *-anda*. Perhaps the name is a combination for "Trudel's (V)anda" (?), as this genus is synonymous to *Vanda*.

trudeli: see *Trudelia*. ex Thailand, cf. *Chiloschista trudeli* Seidenf.1987.

truffle: in keeping with cross-referencing, see *Phoringopsis*.

trukense: from Truk, see *trukensis*. cf. *Taeniophyllum trukense* Fukuy.1937.

trukensis: for place name: from Truk. Ref. the Truk Islands group, part of the eastn. Carolines. Noted as orig. found on Chuuk Island, cf. *Didymoplexis trukensis* Tuyama 1941.

trulla: descwd., + used in combwds., as *trulli*-. For any organ, or part and is listed as: angular-ovate; similar to a bricklayer's trowel, ie. broadest below the middle, with two equal sides tapering to the apex and two equal, shorter sides tapering to the base. Many other refs. describe it as: a scoop; spoon; ladle; dipper, also as a fire-pan and (once) even as a wash-basin. Noted, another similar word, *trullum* and it was translated as a dome (like that, of a building).

trulla: a scoop, etc.(?, see last entry). Could ref. to any, or all of the floral segments. cf. *Dichaea trulla*.

trullata: as *trullate*. cf. *Chiloglottis trullata*.

trullate: ref. *trullatus*: see *trulla* + suffix: of, having, or likened to.

trullatum: see *trullate*, *trulla*. cf. *Dendrobium trullatum*.

trullatus: descwd., see *trulla* + suffix: *trullate*. For any organ, or part likened to a *trulla*.

trullichilum: see *trulla* + lip. cf. *Epidendrum trullichilum*.

trullifera: see *trulla* + bearing. In the description, the labellum is described as: *trullatus* (see this entry). cf. *Notylia trullifera*.

trulliferum: as *trullifera*. cf. *Bulbophyllum trulliferum*.

trullifolia: see *trulla* + leaf. cf. *Pterostylis trullifolia*. Noted as endemic to North Island, NZ.

trulliforme: see *trulla* + form; shape. cf. *Epidendrum trulliforme*.

trulliformis: as *trulliforme*. cf. *Calanthe trulliformis*.

trullilabia: see *trulla* + lip. cf. *Pleurothallis trullilabia*.

trullilabris: see *trulla* + lip. cf. *Oberonia trullilabris*. syn. *O. gammiei*.

trullulifera: see *trulla* + small + bearing. cf. *Notylia trullulifera*.

truncata: see *truncate*. Ref. apex of labellum. cf. *Chiloglottis truncata*. Noted as endemic to Qld., Aust.

truncate: ref. *truncatus*: cut off. Blunt-ended, as if cut off abruptly.

truncatiglossa: see *truncate* + tongue. cf. *Oberonia truncatiglossa*. Endemic to PNG.

truncatilabia: *truncate* + lip. cf. *Maxillaria truncatilabia*.

truncatiloba: *truncate* + lobe. cf. *Tridactyle truncatiloba*.

truncatisepalum: *truncate* + sepal. cf. *Bulbophyllum truncatisepalum*. syn. *Bulbophyllum orbiculare* ssp. *cassideum*.

truncatolabellata: see *truncate* + lip + like; having. cf. *Brachycorythis truncatolabellata*. syn. *B. galeandra*.

truncatula: see *truncate* + dimin. cf. *Liparis truncatula*.

truncatum: see *truncate*. cf. *Prasophyllum truncatum*. Noted as endemic to sthn. Aust.

truncatus: see *truncate*. cf. *Microsaccus truncatus*.

truncicola: ref. *truncus*: trunk (the body, not the limbs); trunk of a tree + resident; dweller. Noted, it prefers to grow only on the trunks of trees. cf. *Dendrobium truncicola*.

trusmadiense: listed for place name: from Mt.Trus Madi, Sabah, Borneo. cf. *Dendrochilum trusmadiense* J.J.Wood 1990.

truxicata: ref. *trux*: fierce; wild + suffix: like (being?). For its spiky projections, it looks “fierce”. cf. *Chiloglottis truxicata*.

truxillense: as *truxillensis*. cf. *Xylobium truxillensis* (Rchb.f.) Rolfe 1912.

truxillensis: from Trujillo, for the city and/or the state (?), n.west Venezuela. In Spanish, “x” and “j”, often have the same pronunciation, as an aspirated “h”. cf. *Pleurothallis truxillensis* Rchb.f.1854. syn. *P. pubescens*.

tryphera: ref. *trypheros*: delicate; dainty, etc. ex West.Aust., cf. *Caladenia x tryphera* Hopper & A.P.Br.2001. Listed as a natcross of *C. microchila* x *C. sigmoidea*.

Tryphia: Lindley 1835: ref. *tryphe*: tenderly; softly + of. Reported to be for the leaves. syn. *Holothrix* Rich.ex Lindl.

tryphiiformis: see *Tryphia* + shape; form. cf. *Gymnadenia tryphiiformis*. syn. *Amitostigma gracile*.

tryphioides: tender; soft, or *Tryphia* + resembling (?). cf. *Cynorkis tryphioides*.

tryssa: as *tryssum*. cf. *Pleurothallis tryssa*.

tryssum: ref. *tryssos*: delicate; dainty. cf. *Bulbophyllum tryssum*.

Tsaiorchis: T.Tang & F.T.Wang 1936: “Tsai’s orchid”. Listed for Hse-Tao Tsai (b1911), author, botanist and authority, esp. on the flora of Yunnan Prov., China. Noted as endemic and monotypic to Yunnan, China, cf. *Tsaiorchis neottianthoides*.

tsangianum: may be for a person’s name (+ belonging to). Also by the given location, may ref. to Zhang Shui (a river, aka. **Tsang** Shui), Guangxi Prov., China. cf. *Epigeneium tsangianum* Ormerod 2004.

tsaratananae: for place name (+ of), the listing is noted as ex nthn. Madagascar. From the book I was working on, it ref. to the Tsaratanana Massif. Can only locate Tsaratanana: Maromokotro (mtn. peak), but there are at least fifteen other places with this name, that are of “nthn. Madagascar”. cf. *Cynorkis tsaratananae* Schltr.1925. syn. *C. zaratananae*.

tsaratananensis: as *tsaratananae* (+ from). cf. *Habenaria tsaratananensis* H.Perrier 1937.

tschangii: haven’t any info. on this gentleman, but did the entry as it’s so obviously for T.S.Chang. Listed as ex Yunnan Prov., China. cf. *Liparis tschangii* Schltr.1924.

tschiliensis: for place name (+ from), only listed as ex central China. cf. *Aceratorchis tschiliensis* Schltr.1922.

tsii: listed for phytologist and author, Zhan-Huo Tsi [+ of] (b1937). ex Yunnan Prov., China, cf. *Holcoglossum tsii* T.Yukawa 2000.

tsinjoarivense: from Tsinjoarivo. Only listed as ex Madagascar, can’t be exact, as I noted at least twelve places of the same name, throughout the country. cf. *Bulbophyllum tsinjoarivense* H.Perrier. syn. *B. nutans*.

tsinjoarivensis: as *tsinjoarivense*. This one is listed as ex central Madagascar, where there are many places of this name. cf. *Polystachya tsinjoarivensis* H.Perrier 1936.

tsipiriense: for place name (+ from), only listed as ex Costa Rica. cf. *Stellilabium tsipiriense* Pupulin 2003.

tsukengensis: listed for place name (+ from), ex central Taiwan (noted this from the book I was working on). Also noted the **Tsuken**-jima island(s), east of Okinawa, of the Ryukyu Islands (?). cf. *Cymbidium tsukengensis* C.Chow 1970. syn. *Cymbidium goeringii* var. *tortisepalum*.

x *Tubaecum*: auct. On the syn. list, cf. *Angraecum* x *Tuberolabium*.

tubaeformis: descwd., sometimes seen in descriptions. Ref. *tuba*: trumpet (+ of) + *formis*: trumpet-like; trumpet-shaped.

tubata: ex *tubus*: pipe; tube + ref. *tubatus*: pipe-like, or pipe-shaped. cf. *Pleurothallis tubata*.

tubatus: as *tubata*. cf. *Physosiphon tubatus*. syn. *Pleurothallis tubata*.

Tubellae: (those having, or like) a small tube. Ref. the cauline sheath.= *Trichosalpinx* section.

tuber: lit., a lump; swelling. Mostly refs. to a swollen underground stem, storing food, nourishment and buds for new growth. One major ref. says orchids do not have true tubers and that they are tuberoids. + See rootstock, corm.

tubercle: A small rounded swelling, or wart-like lump, + can be a papilla (see papillae). Noted from a discussion, calli of the labellum referred to as tubercles.

tubercularis: tubercular, see tuberculate. cf. *Maxillaria tubercularis*.

tuberculata: see tuberculate. cf. *Brassavola tuberculata*.

tuberculate: ref. *tuberculatus*, ex *tuberculum*: a smaller tubercle + suffix: like; having the shape, or form of. + Can be a surface condition: having tubercles (see tubercle).

tuberculatum: see tuberculate. cf. *Bulbophyllum tuberculatum*.

tuberculatus: see tuberculate. cf. *Phaius tuberculatus*. syn. *Gastrorchis tuberculosa*.

tubercule: same as tubercle + dimin.: a small tubercle.

tuberculilabris: small tubercle (see tubercule) + lip. cf. *Dichaea tuberculilabris*.

tuberculosa: full of, or with many tubercles. cf. *Gastrorchis tuberculosa*.

tuberculosum: as *tuberculosa*. ex Madagascar, cf. *Limodorum tuberculosum*. syn. *Gastrorchis tuberculosus*.

tuberculosus: as *tuberculosa*. cf. *Phaius tuberculosus*. syn. *Gastrorchis tuberculosa*.

tuberifera: see tuber + bearing. cf. *Callista tuberifera*. syn. *Dendrobium blumei* Lindl.

tuberiferum: as *tubifera*. cf. *Dendrobium tuberiferum*. syn. *D. blumei* Lindley 1830.

tuberoid: see tuber + suffix: having the likeness, or form of a tuber. One authoritative ref. says orchids do not have tubers and the correct term is tuberoid. + See daughter tuberoids, vegetative propagation.

Tuberolabium: Yamam.1924: small swelling(s?) + lip. ex Koto-syu (island), Taiwan, eg. *Tuberolabium kotoense* Yamam.1924.

tuberosa: see tuberous. cf. *Eria tuberosa*. syn. *Trichotosia pauciflora*.

tuberosum: see *tuberosus*. cf. *Limodorum tuberosum*. syn. *Calopogon tuberosus*.

tuberosus: swollen and like a tuber. Ref. the tuberoid. cf. *Calopogon tuberosus*.

tuberous: having, or like a tuber. Being swollen and knobbly, like a tuber. In older books, is often used to describe the swollen basal area of a stem (of an epiphyte).

tubichila: tube, or trumpet (?) + lip. cf. *Psychilis truncata* var. *tubichila*. syn. *P. truncata*.

tubifera: tube, or trumpet (?) + bearing. cf. *Calanthe tubifera*. syn. *Cephalantheropsis obcordata*.

tubiflorum: ref. *tuba*: trumpet + flower. cf. *Dendrobium tubiflorum*.

tubifolia: tube + leaf. cf. *Habenaria tubifolia*.

tubiformis: tube, or trumpet (?) + shape; form. cf. *Lecanorchis japonica* var. *tubiformis*. syn. *Lecanorchis japonica*.

Tubilabium: J.J.Sm.1928: ref. *tuba*: trumpet, or *tubus*: tube (?) + lip. syn. *Myrmechis*.

tubilabrum: tube, or trumpet (?) + lip. cf. *Bulbophyllum tubilabrum*.

tubisepala: tube + sepals. The lateral sepals are joined at the base and form a small tube. cf. *Glossorhyncha tubisepala*. Noted as endemic to PNG.

tubularis: tubular. cf. *Cranichis tubularis*.

tubule: ref. *tubulus*: a small tube. Sometimes seen in discussions and refs. esp. to any minute tubular organ, part, or structure.

tubuliflora: small tube + flower. Ref. the sepaline tube. cf. *Masdevallia tubuliflora*.

tubulosa: see *tubule* + *-osa*: having an obvious small tube. Ref. the flower. cf. *Masdevallia tubulosa*.

Tubulosae: (those) with a small tube.= *Masdevallia* section.

tubulosum: small tube + see *-osa*. cf. *Crepidium tubulosum*. syn. *Malaxis tubulosa*.

tucanderana: for place name (+ belonging to), only listed as ex Bolivia. cf. *Plectrophora tucanderana* Dodson & R.Vásquez 1989.

tucumanense: for place name: from Tucuman (?*). The species is officially listed as ex **Bolivia**, but am unable to locate any ref. In neighbouring **Argentina** (listed as correctly Lat'd.: **Tucumania* + suffix: from Argentina), + there's the city of San Miguel de Tucumán, and/or the Tucumán Prov. (?). cf. *Cyrtorchilum tucumanense* (Rchb.f.) Kraenzl.1917.

tucuruense: for place name: from Tucuruí city, Pará state, Brazil. cf. *Catasetum tucuruense* A.T.Oliveira & J.B.F.Silva 1999.

tuerckheimii: listed for botanist, Hans von Turckheim (+ of) who collected extensively in Alta Verapaz region, Guatemala c1877-1908. cf. *Dichaea tuerckheimii* Schltr.1916.

Tulexis: Raf.1838. Another he heavily abbreviated. See *tyle*: wart + *ex*: outside + *-is*, denotes it's a noun (name). Warty, ref. the pimply flower exterior. syn. *Brassavola*.

Tulotis: Raf.1833: see *tyle*: wart + suffix. I interpret this as: warted (had to check, and it is correct English). syn. *Platanthera* Rich.

tumid: ref. *tumidus*: swollen; enlarged; pregnant. + See *turgid*.

tumida: see *tumid*. cf. *Coelogyne tumida*.

tumidulum: see *tumid*, with an added dimin. cf. *Dendrobium tumidulum*. syn. *D. nebulare*.

tumidum: see *tumid*. cf. *Bulbophyllum tumidum*.

tumiferum: lump; swelling + bearing. cf. *Cyrtorchilum tumiferum*.

tumoriferum: tumor: a swelling; lump + bearing. Labellum has a central lump. cf. *Bulbophyllum tumoriferum*.

tumuc-humaciense: for place name: from the Tumuc Hamuc Mtns. (Portuguese: *Serra Tumucumaque*), part of the Brazilian border with French Guiana and Surinam. cf.

Epidendrum tumuc-humaciense (Veyret) Carnevali & G.A.Romero 1996. syn. *E. tridens*.

tunbridgense: from Tunbridge, a town of n.east Tasmania, Aust. cf. *Prasophyllum tunbridgense* D.L.Jones 1998. Noted as endemic to Tas.

tunense: listed as Lat' d. and phonetic spelling for place name: from Toena, Ambon Island, Indon. cf. *Diplocaulobium dendrocolla* var. *tunense* (J.J.Sm.) Kraenzl.1910.

tunensis: as *tunense*. cf. *Calanthe tunensis* J.J.Sm.1900. syn. *C. ventilabrum*.

tunguraguae: as *tunguraguense*. cf. *Dichaea tunguraguae* Kraenzl.1923.

tunguraguense: may be: from Tungurahua, for the province, or the volcano (aka. Volcán **Tunguragua**), westn. central Andean slopes, Ecuador. Also, ref. the Tunguragua (Marañón) River, or Puerto Tungurahua (village) of Pastaza Prov.(?). cf. *Oncidium tunguraguense* Stacy 1975. syn. *Caucaea tunguraguensis*.

tunguraguensis: as *tunguraguense*. cf. *Caucaea tunguraguensis* (Stacy) N.H.Williams & M.W.Chase 2001.

tungurahuae: see *tunguraguense*. cf. *Lepanthes tungurahuae* Luer & Hirtz 1987.

tunicatum: not as simple as I first thought. Ref. *tunica*: shirt; tunic; dress; undergarment, + can be: peel; skin + suffix: like; having. Or, ref. *tunicatus*: covered with skin (or, clothed). ex Aust. and NZ., cf. *Prasophyllum tunicatum*. syn. *Genoplesium nudum*.

tunstallii: listed for orig.coll., R.G.Tunstall (+ of). ex NSW., Aust., cf. *Pterostylis tunstallii* D.L.Jones & M.A.Clem.1989. Noted as endemic.

turbinate: ref. *turbinatus*: like an inverted cone (: obconical), or like a child's spinning top with the narrow end at the point of insertion. For any organ, or part likened to the shape.

turbinatum: see turbinate. cf. *Trigonidium turbinatum*.

turcestanica: as *turcestanicum*. cf. *Orchis orientalis* ssp. *turcestanica* Klinge 1898. syn. *Dactylorhiza umbrosa*.

turcestanicum: for place name: belonging to Turkestan (+ Turkistan), a major region of China and Russia. Also noted a village of the same region, Turkestan, just east of Nawoiy city, Uzbekistan. cf. *Dactylorhiza* x *turcestanicum* (G.Keller & Soó) ined.

turcica: ref. *Turcia*, *turcicus*: belonging to Turkey. cf. *Epipactis turcica* Kreutz 1997.

turcomanica: Turcoman (+ Turkoman; Turkmen) + belonging to. Mainly for the Turkic language speaking people, the majority living in the Turkmenistan region, central Asia. May be an oblique ref. to where the plant was found (?). cf. *Epipactis turcomanica* K.P.Popov & Neshat.1982.

turfosa: ref. *turfosum*: a peat-bog; peaty. Refs. to its habitat. cf. *Pterostylis turfosa*. Noted as endemic to West.Aust.

turfosum: as *turfosa*. cf. *Genoplesium turfosum*. Noted as endemic to NSW., Aust.

turfosus: growing in a peat-bog. cf. *Plumatichilos turfosus*. syn. *Pterostylis turfosa*.

turgid: ref. *turgidus*: inflated; puffed out; (slightly) abnormal swelling. + Can be used the same as tumid.

turgidum: see turgid. cf. *Bulbophyllum turgidum*.

turgor: the state, or condition of being tumid, or turgid. See these entries.

turialbae: ref. the town of Turrialba, or Volcán Turrialba, both of Cartago Prov., Costa Rica. + See next entry. cf. *Goodyera turialbae* Schltr.1923.

turialvae: is listed as such, but could be a misunderstanding (or a typ.error?, see *turialbae*). The species is listed as ex Costa Rica and places that sound like it, are as *turialbae*. cf. *Epidendrum turialvae* Rchb.f.1871.

turkestanica: see *turcestanica*. cf. *Eulophia turkestanica* (Litv.) Schltr.1913.

turkestanicum: see *turcestanica*. cf. *Limodorum turkestanicum* Litv.

turkheimii: see *tuerckheimii*. cf. *Maxillaria turkheimii*.

turmerensis: for place name (+ from) listed as ex Venezuela. Noted two places, ref. Tumero city of Aragua state and Tumero village of Anzoátegui state. cf. *Habenaria turmerensis* Kraenzl.1905. syn. *H. armata*.

turneri: listed for noted grower, J.A.Turner of Pendlebury, Eng. ex Myanmar to New Guinea, cf. *Calanthe turneri* Rchb.f.1883. syn. *Calanthe vestita*. + See next entry.

turneri: listed for noted grower, W.Turner (+ of) of Winsford, Eng. ex China to trop. Asia, cf. *Saccolabium turneri* Williams. syn. *Rhynchostylis retusa*.

turpe: ugly; unsightly; filthy (+ ref. *turpis*: foul; filth, etc.). cf. *Dendrochilum turpe*.

turquinoensis: for place name (+ from) listed as ex Cuba. In the central west, ref. Turquino village of Cienfuegos, and/or in the s.east, Pico Turquino (mtn. peak) of the Sierra Maestra mtn. range. cf. *Lepanthes turkuinoensis* Schltr.1923.

turrialbae: of Turrialba, see *turialbae*. cf. *Pleurothallis turrialbae* Luer 1991.

turrica: belonging to Turri, a town of Cagliari, s.west Sardinia Island, Italy. cf. *Ophrys x turrica* R.Lorenz & Gembardt.

turrium: maybe ref. *turris* + suffix: of a tower, or to do with Turri, see *turrica* (?). *Ophrys x turrium* Kohnmüller.

tuscanica: belonging to Tuscany (admin. division), n.west Italy. cf. *Ophrys x tuscanica* H.Baumann & Künkele 1986.

Tussaca: Raf.1814: listed for French botanist and author, François Richard de Tussaca (1751-1837). syn. *Goodyera* R.Br.

tutelata: ref. *tutela*: protection; watching + suffix: watchful; alert (as a guard); a sentinel. cf. x *Calassodia tutelata* (R.S.Rogers) M.A.Clem.1989. Listed as a natcross of *Caladenia deformis* x *Glossodia major*.

tuxtense: is listed as found from Veracruz and Oaxaca states, Mexico. But, could only find Tuxtla, a city on the Grijalva River in Chiapas state (?). cf. *Epidendrum tuxtense* Hágsater, Garcia-Cruz & L.Sánchez 1999.

tuxtlensis: for place name (+ from), listed as ex Veracruz, Mexico (+ see *tuxtense*). cf. *Mormodes tuxtlensis* Salazar 1988.

tuzae: for place name (+ of), only listed as ex Colombia. cf. *Pleurothallis tuzae* Luer 1999.

tweediana: belonging to Tweedy. Listed for botanist, Frank Tweedy c1886. ex Brazil, cf. *Stelis tweediana* Lindley 1859.

tyle, tylo-, tylus, etc.: used in combwds., ref. *tyle, tylos*: knot; wart; knob; bolt; callus; lump.

Tylochilus: Nees 1832, see *tyle* + *lip*. eg. *Tylochilus flavus*. syn. *Cyrtopodium andersonii*.

tylophorum: warts + bearing. The labellum, has many papillae. cf. *Bulbophyllum tylophorum*.

Tylostigma: Schltr.1916: see *tyle* + see *stigma*. eg. *Tylostigma filiforme*. Noted as endemic to Madagascar.

Tylostylis: Blume 1828: see *tyle* + *style*: column. eg. *Tylostylis discolor*. syn. *Eria discolor*.

type: orig. ref. *typus* figure; model; shape, etc. A representative of a group, eg. a herbarium specimen: the type. An individual plant nominated as having all the qualities and features against which others are compared for inclusion into its genus, etc. + See *holotype*.

typica: lit., of the type. So it's almost, but not exactly the same as the type (see *type*). cf. *Bifrenaria harrisoniae* var. *typica*. Seems, to me, to be mainly, only a colour variation, very showy and beautiful.

tyria: of Tyre? May be a contraction, see next entry. It's also possible it could ref. to *tyros*, see *tyridion* (?), but more likely the former). cf. *Pleurothallis tyria*.

tyrianthina: ref. *tyrianthinos*: of Tyrian purple. Some refs. say: (having, or wearing) purple-violet robes. The consensus seems to be that it is to do with Tyrian purple, listed as a rich bluish-red cloth dye made in the ancient seaport of Tyre (sthn. Lebanon, in the eastn. Mediterranean). The dyed cloth was highly prized by the Greeks and Romans, not just for the colour, but as a status symbol. Has a similar background to *murex*, see *muricate*. cf. *Bifrenaria tyrianthina*.

tyridion: listed as the dimin. of *tyros*: cheese: slightly cheesey, maybe for a texture, but is probably for a colour (a paler yellow). cf. *Campylocentrum tyridion*. Took this from a book, but there isn't any official listing, see *tyrridion*.

tyronianum: listed for botanist and author, Rolla Milton Tyron (b1916). cf. *Cypripedium x tyronianum* Tate. syn. Listed among the synonyms, with no further info.

tyrrhena: listed as Lat'd. spelling for place name: *Etruria*, an ancient region of central westn. Italy (now: Tuscany). cf. *Ophrys exaltata* ssp.*tyrrhena* (Gözl & H.R.Reinhard) Del Prete 1988.

tyrridion: see *tyridion* (?). cf. *Campylocentrum tyrridion*.

tysanochilum: a typ.error?, see *thysanochilum*. All refs. are the same.

tytecaeana: listed for phytologist, Daniel Tyteca (+ belonging to). ex France, cf. *Ophrys insectifera* nothosubsp.*tytecaeana* P.Delforge 1983.

tytecana: as *tytecaeana*. cf. *Ophrys x tytecana* (P.Delforge) P.Delforge. syn. As *tytecaeana*.

tziscaoense: for place name (+ from), listed as ex Chiapas state, sthn. Mexico. cf. *Epidendrum tziscaoense* Hágsater 1999.

u-: prefix used in combwds., listed as *ex ou*: no; not.

uaipanense: for place name (+ from). See *yauaperyensis*, this species is listed to be from the same places. cf. *Oncidium uaipanense* Schnee 1952. syn. *O. nigratum*.

ubangina: Ubangi + like. Ubangi is a word used for women of Kyabe, Chad, Africa who, in a local custom, slit their lips and distend them by inserting wooden disks.

Perhaps the example has a large labellum which prompted the authors to give it this specep.(?). ex Pichincha, Ecuador, cf. *Dracula ubangina* Luer & Andreeta 1980.

ubangii: of the Ubangi, see *ubangina*. ex Ecuador, cf. *Lepanthopsis ubangii* Luer 1991.

ubatubana: belonging to Ubatuba city, São Paulo state, Brazil. cf. *Maxillaria ubatubana* Hoehne 1947.

-uchus: suffix, similar in use to *-fer*, *-ger*, etc.: carry; bear. eg. See *ophiuchus*.

uduense: listed for place name: from Udu (village), Waria River, Morobe District, PNG. cf. *Bulbophyllum uduense* Schltr.1913. syn. *B. cylindrobulbum*.

uechtritziانا: belonging to Uechteritz, a town of Sachsen-Anhalt, Germany. cf. *Orchis x uechtritziانا* Hausskn.

ugandae: of Uganda, Africa. cf. *Bonatea ugandae* Rolfe 1906. syn. *B. steudneri*.

ugandense: from Uganda, Africa. cf. *Rhipidoglossum ugandense* (Rendle) Garay 1972.

ugandensis: from Uganda, Africa. cf. *Aerangis ugandensis* Summerh.1931.

ugrinskyana: listed for place name (+ belonging to). From the given location, noted one that sounds like it, ref. Urginskiy (village) of Bashkortostan, Russia. cf. *Orchis x ugrinskyana* Soó.

uhehensis: for place name (+ from), listed as ex Tanzania to sthn. trop. Africa. cf. *Habenaria uhehensis* Schltr.1906.

ujarensis: for place name (+ from), listed as ex Chiriqui Prov., Panama. cf. *Restrepiopsis ujarensis* (Rchb.f.) Luer 1978.

ukingense: as *ukingensis*. cf. *Pterygodium ukingense* Schltr.1915.

ukingensis: from the Ukinga mtns., s.west Tanzania, Africa. cf. *Disa ukingensis* Schltr.1915.

ulaei: of Ule, see *Uleiorchis*. cf. *Uleiorchis ulaei* (Cogn.) Handro 1955.

Ulantha: Hook.1830. Listed as ref. *oulos*: curly + flower. Ref. the wavy, folded floral segments. syn. *Chloraea* Lindl.

ulantha: as *Ulantha*. cf. *Chloraea ulantha*. syn. *C. bletioides*.

ulanthoides: as *Ulantha* + resembling. cf. *Chloraea ulanthoides*. syn. *C. bletioides*.

ulcerosum: ref. *ulcus*: a sore; ulcer + *-osa*: full of; with many; covered with, etc. (+ Ref. English: ulcerous). cf. *Bulbophyllum ulcerosum*.

ulehlae: of Úlehla (village), Moravia, Czech Republic. cf. *Orchis x ulehlae* Podp.

ulei: of Ule, see *Uleiorchis*. ex sthn. Brazil, cf. *Habenaria ulei* Cogn.1893.

uleinanodes: have no info. on this one, so I'll speculate, ref. *ulei* + *nan* + *-odes*: like a small *Epidendrum ulei* (+ see *Uleiorchis*). cf. *Epidendrum uleinanodes* Hágsater 1999.

Uleiorchis: Hoehne 1944: "Ule's orchid". Listed for Ernst Heinrich Georg Ule (1854-1915). A German phytologist, author, collector and explorer. ex Brazil, eg. *Uleiorchis ulei*.

-ulenta, -ulentum, -ulentus: used in compwds.: full of; plenty; abundance; well developed, etc.

uliginosa: see uliginose. cf. *Caladenia uliginosa*. Noted as endemic to West.Aust.

uliginose: ref. *uligo*: wet and slimy + of, etc. + Ref. *uliginosus*: growing in swamps; bogs; marshes, etc.

uliginosum: see uliginose. cf. *Dendrobium uliginosum*.

uliginosus: seen in descriptions, ref. to habitat: growing in swamps, etc. + See uliginose.

uliginosus: as last entry. cf. *Lissochilus uliginosus*. syn. *Eulophia cristata*.

ulmckei: the type is listed as: "Guatemala, Ulmcke" (for orig.coll.) cf. *Diacrium ulmckei* Kraenzl.1927. syn. *Diacrium lamellatum*

ulopterum: ulo-, is ref. *oulos*: curly; wooly + wing. cf. *Odontoglossum ulopterum*. syn. *Cyrtorchilum angustatum*.

ultima: ref. *ultimus*: remoter; farther. + Can be: last. cf. *Caladenia ultima*. Noted as endemic to West.Aust.

ultimum: as *ultima*. cf. *Calonema ultimum*. syn. *Caladenia ultima*.

ultra-: used in combwds.: beyond; on the other side. Sometimes can also mean: over.

ultrabasic (rock, or soil): noted this from a discussion of a terrestrial's habitats. Geo.: that which is rich in base elements and low in silica (: sand). + See next entry.

ultramafic: another from a discussion. My sources define this as being the same as ultrabasic.

uluguruensis: from Uluguru Mtns., as *ulugurica*. cf. *Polystachya uluguruensis* P.J.Cribb & Podz.1978.

ulugurica: belonging to the Uluguru Mtns., Tanzania, Africa. cf. *Epipactis ulugurica* Mansf.1934.

uluguricum: as *ulugurica*. cf. *Arthrochilium uluguricum* (Mansf.) Szlach.2003. syn. *Epipactis ulugurica*.

umbel: ref. *umbella*: a little shade; a parasol. For any group of organs, or parts radiating from a central point, at the apex of the organ carrying them (and often likened to the spokes of an umbrella). Mostly the word is used for a kind of inflorescence. See "Inflorescences".

umbellata: see umbel + suffix: like, or having an umbel (see "Inflorescences", + see umbelliform). cf. *Cadetia umbellata*.

umbellatum: as *umbellata*. cf. *Bulbophyllum umbellatum*.

umbelliferum: see umbel + bearing. cf. *Epidendrum umbelliferum*.

umbelliflora: see umbel + flowers. cf. *Malaxis umbelliflora*.

umbelliform: see umbel + shape; form. For any group of organs, or parts likened to an umbel.

umbelliformis: as umbelliform. cf. *Stelis umbelliformis*.

umbellulata: see *umbellata* with an added dimin.: small. cf. *Octarrhena umbellulata*.

umbilicata: ref. *umbilicis*: the navel + like; having. Refs. to the lip which has a relatively large central spot. Also, is the one word, see *umbilicatus*. cf. *Ophrys umbilicata*.

umbilicatus: descwd.: having a small central depression likened to the navel. Can also be for an organ, or part having a larger central spot. eg. See *umbilicata*.

umbo: the boss of a shield, or buckler: a rounded, convex, hemispherical, central strengthening projection. See umbonate; boss; buckler.
umboiense: from Umboi Island, between mainland PNG. and New Britain Island, part of the Bismarck Archipelago. cf. *Mediocalcar umboiense* Schuit.1997.
umbonata: see umbonate. cf. *Habenaria umbonata*. syn. *Peristylus umbonatus*.
 umbonate: see umbo + suffix: of, like, or to do with an umbo; usually a centrally located rounded swelling.
umbonatum: see umbonate. The lip has a yellow, slightly raised area, likened to an umbo. cf. *Dendrobium umbonatum*.
umbonatus: see umbonate. cf. *Corybas umbonatus*.
umbonifera: see umbo + bearing. cf. *Lepanthes umbonifera*.
umbonulata: see umbonate with an added dimin.: like, or having a small umbo. cf. *Octomeria umbonulata*.
umbraculum: descwd.: a parasol (: umbrella). + Can ref. to an arbour: a quiet shady glade (as a habitat).
umbraticola: ref. *umbraticus*: of shade + dweller; resident. One who lives in the shade. cf. *Bulbophyllum umbraticola*.
umbratilis: hard to be precise as this is a figurative adjective and can have many meanings: private; in retirement; withdrawn; modest; sensitively timid; bashful; unsociable, etc. Noted that it's mainly because this species is usually only ever found as solitary plants. cf. *Malaxis umbratilis*.
umbriae: of Umbria, for place name listed as ex Colombia. Noted two villages: Umbria of Risaralda and Puerto Umbria of Putumayo (Departments: admin. divisions). cf. *Stelis umbriae* Schltr.1924.
umbrinus: listed as a vague colour term, as the colour of shade; a shadow: a dark greyish-brown, or: mottled with greys, browns, etc.
umbrosa: see *umbrosus*. cf. *Glossorhyncha umbrosa*. Noted as endemic to Papua, Indon.
umbrosum: see *umbrosus* (next entry). cf. *Angraecum umbrosum*.
umbrosus: descwd., often seen in descriptions: growing in the shade. + Can be a vague ref. to colour (full of shade): dark. + See *umbrinus*, also see sciophyte.
umbrosus: see *umbrosus*. Could be for the flower's dark colour, + they do prefer to grow in shade. cf. *Corybas umbrosus*.
umvotensis: for place name: from Umvoti. Noted three villages and the Umvoti River, all of KwaZulu-Natal eastn. Sth. Africa. cf. *Habenaria umvotensis* Rolfe 1912. syn. *Bonatea saundersioides*.
unaensis: from Una city of Bahia, eastn. central Brazil. cf. *Encyclia unaensis* Fowlie 1991.
unalascense: as *unalascensis*. cf. *Herminium unalascense* (Spreng.) Rchb.f.1851. syn. *Piperia unalascensis*.
unalascensis: for place name: from the Aleutian island of Unalaska. cf. *Piperia unalascensis* (Spreng.) Rydb.1901.
unalaschcensis: as *unalascensis*. cf. *Monorchis unalaschcensis* (Spreng.) O.Schwarz 1949. syn. *Piperia unalascensis*.

unalaschensis: as *unalascensis*. cf. *Habenaria unalaschensis* (Spreng.) S.Watson 1877. syn. *Piperia unalascensis*.

uncata: see *uncate*. Ref. the lip. cf. *Maxillaria uncata*.

uncate: ref. *uncus*: hook; crook; barb + suffix: having; like; of. + Ref. *uncatus*: hooked, etc., for any organ, or part that could be likened to a hook. The part in ref. doesn't have to be hard and sharp to be "uncate".

uncatiloba: *uncate* + lobe. cf. *Habenaria uncatiloba*.

uncatum: see *uncate*. Ref. the lip. cf. *Dendrobium uncatum*.

uncia: of a hook; hooks, see *uncate*. cf. *Mormodes uncia*.

uncicalcar: see *uncate*, *uncinate* + spur. cf. *Habenaria uncicalcar*.

uncifer: hook + bearing. cf. *Sarcanthus uncifer*. syn. *Cleisostoma unciferum*.

uncifera: hook + bearing. cf. *Lepanthes uncifera*.

Uncifera: Lindley 1859: hook + bearing. Ref. the hooked spur. ex Nepal to China, eg. *Uncifera acuminata*.

Unciferia: (Luer) Luer 2004: hook + bearing + of. syn. *Pleurothallis* R.Br.

unciferum: hook + bearing. cf. *Cleisostoma unciferum*.

unciferus: hook + bearing. Ref. base of labellum. cf. *Podochilus unciferus*.

uniform: ref. *uncus*: hook; crook; barb + form; shape. Hook-shaped; hook-like. + See *uncate*.

uncinata: see *uncinate*. Ref. labellum lateral lobes. cf. *Pleurothallis uncinata*.

uncinate: listed as a bot. adaption of *uncus* + *-ina* + see *-ata*. Where only the apex of an organ, or part is hooked. eg. An uncinata median sepal: just the tip is "hooked". + See *uncate*.

uncinatum: see *uncinate*. Ref. labellum apex. cf. *Dendrobium vexillarius* var. *uncinatum*.
Noted as endemic to PNG.

uncinatus: see *uncinate*. cf. *Myoxanthus uncinatus*. syn. *Pleurothallis uncinata*.

unciniferum: see *uncinate* + bearing. Probably for the slightly hooked stelidia. cf. *Bulbophyllum unciniferum*.

uncipes: hooked + foot. cf. *Epigeneium uncipes*.

undate: ref. *unda*: a wave + suffix: waved; wave-like; wavy. Not seen very often, mostly the word used is, *undulate*. See later entry.

undati-: used in combwds., see *undate*.

undatialata: see *undate* + *alate*: winged. cf. *Coelogyne undatialata*.

undatialatum: see *undate* + see *alate*. Ref. the five undulate wings of the ovary. cf. *Dendrobium undatialatum*.

undatiflora: see *undate* + flower. cf. *Maxillaria undatiflora*.

undatiflorum: as *undatiflora*. cf. *Dendrobium undatiflorum*. syn. *Maxillaria undatiflora*.

undatilabre: see *undate* + lip, or see *labrum*: edge, etc. cf. *Bulbophyllum undatilabre*.

undatocarinata: see *undate* + see *carinate*: keeled. cf. *Sobralia undatocarinata*.

undatum: see *undate*. cf. *Cypripedium undatum*. syn. *C. parviflorum* var. *pubescens*.

undecifila: as *undecifilum*. cf. *Epicranthes undecifila*. syn. *Bulbophyllum undecifilum*.

undecifilum: ref. *undecim*: eleven + thread(s). Ref. the paleae of the petals. Noted, they are not restricted to eleven and some can have up to seventeen. cf. *Bulbophyllum undecifilum*.

unduavica: belonging to Unduavi (village), La Paz Department, Bolivia. cf. *Pleurothallis unduavica* Luer & R.Vásquez 1980.

undulans: ref. *unda* + dimin.+*-ans*: waving (: slightly wavy, or having small waves), + see undulate. cf. *Dendrobium undulans*. syn. *D. discolor*. Pers.coll., common ex PM.PNG., see notes at *undulatum* and *discolor*.

undulata: see undulate. cf. *Schomburgkia undulata*.

undulate: as undate with an added dimin.: having, or like a small wave, or waves. Can be for a surface, or margin having small waves (: rippled).

undulatifolia: undulate + leaf. cf. *Orchis undulatifolia*. syn. *O. italica*.

undulatissima: undulate + an emphasis: very, etc. cf. *Trichopilia undulatissima*.

undulatomarginatus: undulate + see marginate: having wavy margins. cf. *Phaius undulatomarginatus*. syn. *Phaius flavus*.

undulatum: see undulate. cf. *Dendrobium undulatum*. syn. *D. discolor*. I found the remains of what had been a massive specimen, just out of Bundaberg, Qld., growing among rocks, in scrubby bush, only 20metres from the sea and I thought they grew big in PM.PNG.! Some of the stems were c7ft (2.2m.) long and approx. 2 1/2" (65mms.) thick. I was nearly in tears, as some mindless vandal had done their best to destroy it and smashed all of the major stems. There were many juveniles in the vicinity, but I didn't take any as the area is **supposed** to be a "Nature Reserve". So I left, fuming and muttering vile curses on that destructive swine. + See *discolor*, for a happier story.

undulatus: see undulate. cf. *Corybas undulatus*. Noted as endemic to Aust.

undulifolia: small wave + leaf. cf. *Dichaea undulifolia*.

Unguella: Luer 2004: see *ungui*-+ dimin. syn. *Pleurothallis* R.Br.

unguent: ref. *unguentum*: perfume; ointment. Mostly refs. to an ointment, but I use the word to cover many possibilities, inc.: cream; salve; deodorant and other cosmetics.

ungui:- used in combwds., ref. *unguis*: claw; nail (+ see claw). A very narrow contraction of the base of an organ, or part. Can also ref. to an old unit of length: see *unguicularis*.

unguicallosa: see *ungui*-+ see callose. cf. *Pleurothallis unguicallosa*.

unguicularis: descwd.: nail + dimin. + like. Is also listed as the one word for an old unit of measurement: approx. 1/2" (12.5mm.), reported to be for the average length of a human fingernail. + See next entry.

unguicularis: another entry as this is different to the previous. See *unguicule* + see *-are*: of, etc. cf. *Jumellea unguicularis*. syn. *Jumellea gracilipes*.

unguiculata: see *unguiculate*. cf. *Trichotosia unguiculata*.

unguiculate: ref. *unguiculis*, noted as the dimin. of *unguis* + suffix: of; like, or having a small claw, ie., a basal part is contracted and likened to a small claw. See *ungui*-; *unguicule*.

unguiculatum: as unguiculate. cf. *Bulbophyllum unguiculatum*.

unguiculatus: as unguiculate. cf. *Corybas unguiculatus*.

unguicule: a small claw. The base of an organ, or part is narrowed and finely stalk-like.

See unguiculate, *ungui-*.

unguilabia: see *ungui-*+ lip. cf. *Maxillaria unguilabia*.

unguilabium: see *ungui-*+ lip. cf. *Bulbophyllum unguilabium*.

unguilabris: see *ungui-*+ lip. cf. *Habenaria unguilabris*.

unguitigrinum: claw + tiger-like. cf. *Oncidium unguigrinum*. syn. *O. tigrinum*.

uni-: used in compwds., ref. *unus*: one. + Can be: single; lone; only; alone; only one; having; made of; itself, etc.

unibulbis: see *uni-*+ bulb. cf. *Flickingeria unibulbis*.

unicalcar: see *uni-*+ *calcar*: spur, etc. cf. *Habenaria unicalcar*. The genus, *Habenaria* is often noted for their many spiky projections.

unicallosum: see *uni-*+ calloused (see calli). cf. *Dendrochilum unicallosum*.

unicarinata: see *uni-*+ keeled. cf. *Maxillaria unicarinata*.

unicarinatum: see *uni-*+ see carinate: keeled. cf. *Dendrobium unicarinum*.

unicaudatum: see *uni-*+ see caudate: tailed. Ref. the joined sepals extended into a tail. cf. *Bulbophyllum unicaudatum*.

unicolor: see *uni-*+ colour. cf. *Leptotes unicolor*.

unicorne: see *uni-*+ horn. Ref. the crest elongated into a "horn". cf. *Oncidium unicolorne*. syn. *Oncidium longicornu* (: long + horn).

unicornis: see *uni-*+ horn. cf. *Flickingeria unicornis*.

unicornutum: see *uni-*+ having, or like a small horn. cf. *Oncidium unicornutum*. syn. *O. longicornu*.

unicum: ref. *unicus*: singular; only one; unique. Because the floral segments are so different to others in the genus. cf. *Prasophyllum unicum*. Noted as endemic to NSW., Aust.

unidentata: see *uni-*+ dentate. cf. *Habenaria unidentata*.

uniflora: see *uni-*+ flower. ex Aust. and NZ., cf. *Thelymitra uniflora*. syn. *T. cyanea*.

uniflorum: one + flower. cf. *Bulbophyllum uniflorum*.

uniflorus: see *uni-*+ flower. cf. *Sarcochilus uniflorus*. Noted as endemic to New Guinea.

uniflos: see *uni-*+ flower. cf. *Dendrobium uniflos*. syn. *Cadetia taylorii*.

unifolia: see *uni-*+ leaf. cf. *Microtis unifolia*.

unifoliata: see *uni-*+ see foliate. cf. *Habenaria unifoliata*.

unifoliatum: as *unifoliata*. cf. *Bulbophyllum unifoliatum*.

unifolium: see *uni-*+ leaf. cf. *Limodorum unifolium*. syn. *Tipularia discolor*.

unifolius: see *uni-*+ leaf. cf. *Peristylus unifolius*. syn. *Holothrix unifolia*.

uniformis: see *uni-*+ form; shape, etc. cf. *Diphylax uniformis*.

unigibbum: one + hump. cf. *Bulbophyllum unigibbum*. syn. *B. xanthochlamys*.

unijuga: see *uni-*+ ref. *jugum*: team; pair; yoke; ridge. cf. *Lepanthes unijuga*.

unijugata: see *uni-*+ ref. *iugatum*: coupled; joined. Flowers only partly open and the specep. infers they are self pollinating (: one + joined). cf. *Warrea unijugata*. syn. *Warrea warreana*.

unilateral: ref. *unilateralis*: one-sided. Having all parts arranged on the one side; turned to one side; all facing the same direction.
unilateralis: as unilateral. Ref. the flowers, all face the same direction. cf. *Pleurothallis unilateralis*. syn. *Lepanthopsis floripecten*.
unilocar: descwd., see *uni-*+ ref. *locus*: a place, or of a locality: of the one place.
unilocular: one + small chamber: one-chambered. Usually refs. to the ovary, or capsule.
uninervia: one + nerve (or, vein) + of. cf. *Stelis uninervia*.
uniseriate: in a single row; series. Noted from a discussion: "... uniseriate calli..." (which was likened to a keel).
unisexual: having flowers of only the one sex.
unistriata: see *uni-*+ *striate*. cf. *Pleurothallis unistriata*.
unita: ref. *unitus*: join together. cf. *Caladenia nana* ssp. *unita*. Endemic to s.west Aust.
unitubum: see *uni-*+ *tube*. Ref. the central part of the median sepal, the edges turn in and form a short tube before expanding again. cf. *Bulbophyllum unitubum*. Pers.coll., common from many locations, PM.PMG. The flowers are very variable in size, from approx. 32mm.(1 1/4") to over 155mm.(6") long, which was not unusual. Have to remark on the strange petals which have developed into long slender filaments with a spiky knob at the end. Obviously an attractive lure for an insect pollinator, as they extend outwards, droop in front of the column and are very mobile. Remind me of the antennae on the head of a butterfly. On the large flower they are c13mms (1/2") long.
univaginata: see *uni-*+ *vaginate*: sheathed. cf. *Pleurothallis univaginata*. syn. *P. gelida*.
univenum: one + ref. *vena*: vein. Ref. the petals. cf. *Bulbophyllum univenum*.
Univiscidiatus: (Kores) Szlach.2001: one + *viscidium* + like; having. eg. *Univiscidiatus amplexicaulis*. syn. *Acianthus amplexicaulis*.
upanodiforme: ref. *u-*+ *pan* (+ *o*, as a spacer) + *difforme*: not + all + from shape (+ see *difforme*). Maybe it has bimorphic flowers (?). Could also be that it's from Upano (see next entry) and that it's a different shape. cf. *Epidendrum upanodiforme* Hágsater & Dodson 1999.
upanoensis: for place name (from Upano?), only listed as ex Ecuador. cf. *Pleurothallis upanoensis* Luer & Hirtz 2003.
upoluensis: from Upolu island, one of the larger islands of the Samoan group. cf. *Phreatia upoluensis* Schltr.1907. syn. *Phreatia matthewsii* Rchb.f.1878.
-ura, uro-, -urum, -urus: used in combwds., ref. *oura*: tail. Anything to do with a tail; tail-like; tails; tailed. NB., *-ura, -urum, -urus* can also be a suffix denoting the result of an action. eg. See *Apatura*, ref. *apate*: deceit + *-ura*: deceived, etc.
uraiense: for place name (+ from), listed as ref. Urai, Taihoku, Taiwan. Also noted Urai village of Lang-t'ao (islands), east of the sthn. tip of Taiwan (?). cf. *Cleisostoma uraiense* (Hayata) Garay & H.R.Sweet 1974.
uraiensis: as *uraiense*.cf. *Diploprora uraiensis* Hayata 1914. syn. *D. championii*.
urania: could be to express "beauty", as with other species of this genus, named by the same authors. Ref. Gk.myth., **Urania**: one of nine very beautiful sisters (known as

the Muses, see "M"), Urania was the Muse of astronomy. ex Ecuador, cf. *Lepanthes urania* Luer and Hirtz 1996.

urbana: see *urbaniana*. ex Oaxaca state, Mexico, cf. *Malaxis urbana* E.W.Greenw.1992.

urbaniana: Urban + belonging to. For phytologist and author, Ignaz Urban (1848-1931). Was Prof.of Botany at the Univ.of Berlin and an authority on the flora of the W.Indies. + See *Neourbania*. ex Brazil, cf. *Habenaria urbaniana* Cogn.1893.

urbanianum: as *urbaniana*. ex the Caribbean region, cf. *Epidendrum urbanianum* Cogn.1910. syn. *E. dendrobioides*. + See next entry.

urbanianum: belonging to Urban (see *urbaniana*). ex Africa, cf. *Bulbophyllum urbanianum* Kraenzl.1899. syn. *B. lupulinum*. + See next entry.

urbanianum: listed for local authorities, noted growers and nursery owners, Paul and Jacinta Urban. ex Mindoro, Philipp., cf. *Paphiopedilum urbanianum* Fowlie 1981.

urceilabris: ref. *urceus*: pitcher; urn, or jug + lip. cf. *Ornithocephalus urceilabris*.

urceolaris: as *urceolate*. cf. *Masdevallia urceolaris*.

urceolata: see *urceolate*. cf. *Gastrodia urceolata*. Noted as endemic to Qld., Aust.

urceolate: ref. *urceolatus* + ref. *urceolus* (ex *urceus* + dimin.): small pitcher; urn; jug + like; having; of, etc. For any organ, part, or group that could be likened to the shape.

urceolatum: as *urceolate*. cf. *Bulbophyllum urceolatum*.

urceolatus: see *urceolate*. cf. *Telipogon urceolatus*.

urciforme: pitcher; jug, etc.+ form; shape. Ref. the labellum. cf. *Dendrochilum urciforme*. syn. *D. reniforme*. Note, one says it's like a jug and the other, like a kidney.

uribei: of Uribe, is only listed as ex Colombia. Can't be precise as there are quite a few places with the name, Uribe. cf. *Epidendrum uribei* A.D.Hawkes 1957.

urichianum: may be for a person's name (+ belonging to). Also noted, Uriche (village), Lara state, Venezuela (?). cf. *Epidendrum urichianum* Carnevali, Foldats & I.Ramirez.

urikensis: listed for place name: from Urika, a coastal village, Gulf of Papua, PNG. cf. *Corybas urikensis* P.Royen 1983.

urnalis: ref. *urna*: a water urn + see *-ale*: like, etc. cf. *Thelymitra urnalis*. syn. *T. rubra*.

Urochilus: D.L.Jones & M.A.Clem.2002: tail + lip. syn. *Pterostylis* R.Br.

uroglossum: tail + tongue. Ref. labellum apex. cf. *Prasophyllum uroglossum*. syn. *Prasophyllum fuscum*. Noted as endemic to NSW., Aust.

Uropedilum: Pfitzer 1888: *uro-*: tail, etc. + ref. *pedilon*: foot covering; slipper, etc. syn. *Phragmipedium* Rolfe.

Uropedium: Lindley 1846: tail + *-pedium*: small foot, and/or a dimin. contraction of *pedilon*: slipper, etc. syn. *Phragmipedium* Rolfe.

urophylla: as *urophyllum*. cf. *Tolumnia urophylla*. syn. *Oncidium urophyllum*.

urophyllum: see *ura-*: tail, etc. + leaf. cf. *Oncidium urophyllum*.

uroplectron: tail + spur. cf. *Campylocentrum uroplectron*. syn. *C. huebneri* Mansf.1928.

urosalphinx: tail(ed) + trumpet. Alludes to a flower, likened to a trumpet (*-salpinx*) and *uro-*, refs. to the extended tails of the sepals. cf. *Masdevallia urosalphinx*. syn. *M. constricta*.

urosepala: tail + sepal. cf. *Pleurothallis urosepala*. syn. *P. sclerophylla*.

urosepalum: tail + sepal. cf. *Bulbophyllum urosepalum*.

urosinneri: listed for famous collector, George Ure Skinner (more info., see *skinneri*). ex Mexico to Guatemala, cf. *Rhynchosstele urosinneri* (Lindley) Soto Arenas & Salazar.

Urostachya: (Lindley) Brieger 1981: tail + spike. syn. *Eria* Lindl.

urostachya: tail + spike. Raceme (: spike) likened to a tail. cf. *Phreatia urostachya*.

Urostachya: tail + spike.= *Eria* section.

urostachyum: tail + spike. cf. *Angraecum urostachyum*. syn. *Chamaeangis odoratissima*.

urotepala: tail + tepals. cf. *Lepanthes urotepala*.

urraoense: from Urrao, a town of Antioquia Department, Colombia. cf. *Epidendrum urraoense* Hágsater 1999.

urschianum: belonging to Ursch. For phytologist and author, Eugene Ursch (1882-1962), of Madagascar Forestry Service. cf. *Angraecum urschianum* Toill.-Gen.& Bosser 1961.

ursinum: ref. *ursinus*: ursine; of bears. + See next entry. cf. *Scaphosepalum ursinum*.

ursula: was going to leave this out as I thought it might be for a lady's given name, but the word is used bare, without any kind of suffix. I have found countless instances of plants named for all sorts of creatures, so there's no reason why one couldn't be named for a bear. My aim is to show what the words mean and *ursula* is listed as lit.: a female bear-cub. cf. *Lepanthes ursula* Luer & R.Escobar 1994.

urubambae: of Urubamba, which is only listed as ex Peru. Noted, Nevado Urubamba (region) and two villages of this name, in Cuzco Department. Also ref. the Urubamba River, runs through Cuzco and Ucayali Departments. cf. *Epidendrum urubambae* Hágsater 2001.

uruguayensis: from Uruguay. cf. *Habenaria uruguayensis* Garay 1976.

urundiensis: from Ruanda-**Urundi**, Africa. On July 1 1962, the country was divided into two states, Rwanda and Burundi. cf. *Habenaria urundiensis* Summerh.1962. syn. *H. huillensis*.

urvilleana: listed for the orig.coll.: L.(Louis?) d'Urville + belonging to. ex Europe and the Mediterranean, cf. *Anacamptis urvilleana* Sommier & Gatto 1897. syn. *Anacamptis pyramidalis*. + See next entry.

urvilleana: listed for French botanist and naturalist, Jules Sébastien César Dumont d'Urville [+ belonging to] (1790-1842). Descs. accr. to him are abbr. to: Urv. ex Turkey to Iran, cf. *Dactylorhiza urvilleana* (Steud.) H.Baumann & Künkele 1981. Noted he was aboard the exploration vessel "Astrolabe"* as science officer, when it visited New Guinea and the area of Astrolabe Bay was named for the vessel. *Trivium: knew I'd heard of it, so looked it up. Reported as a Greek invention, an astrolabe was a hand-held astronomical instrument of navigation, pre-dating the sextant.

urvillei: of d'Urville, as *urvilleana*. cf. *Dendrobium urvillei* Finet. syn. *D. affine*. Pers.coll., common ex Darwin, NT., Aust. + See *affine*.

usambarae: for place name: of the Usambara Mtns., Tanzania, Africa. cf. *Bulbophyllum usambarae* Kraenzl.1904. syn. *Bulbophyllum intertextum*.

usambarensis: from the Usambara Mtns., see *usambarae*. cf. *Polystachya usambarensis* Schltr.1897. syn. *P. odorata*.

-uscula, -usculum, -usculus: used in combwds.: somewhat; more or less; moderately.

usitata: ref. *usitatus*: normal; usual; customary; common, etc. cf. *Lepanthes usitatus*. Of interest, for an opposite, see *insusitatus*.

usneoides: ref. *Usnea*: a genus of lichens (see "L") + suffix: resembling. cf. *Chiloschista usneoides*.

ussuriensis: listed for place name: from the Ussuri River area, s.eastn. Russia. cf. *Neottia ussuriensis* (Kom.& Nevski) Soó 1969.

ustalis: listed as a vague colour term: a brown, reddish-bay.

usterii: Dr.Schlechter gave it the specep. as he often wrote for the publication: *Usteri Vlert. Naturf. Gesell, Zurich*. Also refs. to the editor and phytologist, Dr.Alfred Usteri (1869-1948). ex the Philipp., cf. *Flickingeria usterii* (Schltr.) Brieger.

usterioides: see *usteri* + resembling. Reported as compared to *Dendrobium usteri*. cf. *Dendrobium usterioides* Ames 1915.

ustulata: see *ustulatus*. cf. *Goodyera ustulata*.

ustulatum: as *ustulatus*. cf. *Dendrobium ustulatum*.

ustulatus: descwd., ref. *ustus*: burn; char; scorch + dimin.+ like: slightly burnt; scorched. + Can be a vague colour term: a greyish-brown (+ sometimes noted as: *ustulus*).

ustusfortiter: ref. *ustus*: burn; char; scorch; blacken + *fortiter*: strongly: strongly burned; blackened. Alludes to the very dark flowers appearing to be "black", but in fact are a very dark purple. cf. *Bulbophyllum ustusfortiter*.

utcuyacuense: from Utcuyacu (village), Ancash Department, Peru. cf. *Epidendrum utcuyacuense* Hágsater 1993.

uteriferum: ref. *uter*: leather bag + can be: a bladder; blister + see *-fer*: bearing. cf. *Cleisostoma uteriferum*. syn. *Pomatocalpa spicatum*.

utile: ref. *utilis*: fit (for); useful. cf. *Diplocaulobium utile*.

utricule: ref. *utriculus*: a small leather bag; bladder, etc. A specialised little air-bag, usually membraneous and hardly visible. Mostly only relevant to aquatic plants, but sometimes authors refer to them, in comparison. + See *utriculose*.

utricular, utriculate: ref. *utriculus* + see *utriculose*: a small pear-shaped leather bag; bladder, etc.+ suffix: of; like; having.

utriculariae: (those) *utricular*. cf. *Cybelion utriculariae*. syn. *Ionopsis utricularioides*.

utricularioides: see *utricular* + resembling (+ see *utriculose*). cf. *Ionopsis utricularioides*.

utriculariopsis: see *utricular* + appearance. cf. *Dendrobium utriculariopsis*. syn. *Dendrobium cuneilabrum*.

utriculata: see *utricular*. Ref. the swollen stem base. cf. *Govenia utriculata*.

utriculatum: see *utricular*. cf. *Limodorum utriculatum*. syn. *Govenia utriculata*.

utriculosa: see *utriculose*. Or could be: full of, or with many small bladders (like blisters). See *utricular* +*-osa*. cf. *Micropera utriculosa*.

utriculose: ref. *utriculus*: a small pear-shaped bladder + can be for a bag; purse; pouch (orig., mostly made of leather) + Eng. suffix: of; like, etc. For any organ, part, or a group likened to, or having this shape.

utriculosus: see utriculose. cf. *Sarcanthus utriculosus*. syn. *Micropera utriculosa*. Note, *Micropera*: small + purse; pouch, etc.

-uum, -uus: suffix used in combwds., for the probability of something happening, or the result of an action.

uvaria: see *uvarius*. cf. *Trichosalpinx uvaria*.

uvarius: ref. *uva*: vine; bunch; bunch of grapes. Can also be for a single grape + of; like; having, etc. Also noted, *Uvaria* is a genus of liana (a climbing vine, family: *Annonaceae*). ex New Caledonia, cf. *Acianthus uvarius*. syn. *A. tenuilabris*.

uvifera: ref. *uva*: grape + bearing. cf. *Pleurothallis uvifera*.

uviflorum: ref. *uva*: a grape (+ see *uvarius*) + flower. cf. *Bulbophyllum uviflorum*.

uxoria: as *uxorium*. cf. *Lepanthes uxoria* Luer & Hirtz 1996.

uxorium: ref. *uxorius*, lit.: of a wife. cf. *Brachionidium uxorium* Luer & R.Vásquez 1995.

uxorius: as *uxorium*. cf. *Myoxanthus uxorius*.

uxpanapensis: for place name (+ from), only listed as ex Veracruz, Mexico. cf. *Encyclia uxpanapensis* Salazar 1999.

uzungwae: listed for place name: of Utungwa village, n.east of Lake Malawi, Tanzania, Africa. cf. *Disperis uzungwae* Verdc.1986.

vacciniifolium: of a cow (+ see *vaccinus*) + leaf. cf. *Dendrobium vacciniifolium* (syn.).

vaccinioides (+ *vaccinoides*): ref. *vacca*: a cow + like + resembling. Or, could be for a colour, see *vaccinus* (+ resembling). cf. *Bulbophyllum vaccinioides*.

vaccinus (sometimes written as: *vaccineus*): of, or to do with cows (ref. *vacca*: a cow + see -*ina*: like, etc.). + Can be a vague colour term, cow-coloured: brownish; bay.

vagabunda: as *vagabundum*. cf. *Dracula vagabunda*. syn. *D. pusilla*.

vagabundum: ref. *vagabundus*: roving; roaming; wandering . Ref. its habit: pendent, spreading and branching. cf. *Dendrobium vagabundum*.

vagans: wandering; roving, etc. cf. *Eria vagans*. syn. *E. ramosa*.

vaginalis: see *vaginate*. Of, or to do with a sheath, etc. cf. *Hetaeria vaginalis*.

vaginans: sheathed, see *vaginate*. cf. *Lepanthes vaginans*.

vaginata: see *vaginate*. Ref. the relatively large sheaths of the pedicel. cf. *Phreatia vaginata*.

vaginate: ref. *vagina*: sheath; scabbard + suffix: sheathed. Having a sheath-like part, or covering. eg. A bract, or group of bracts; the sheath covering new stems and pseudobulbs (often likened to an onion skin); the sheath formed around the stem by the lower part of some leaves, etc.

vaginatum: see *vaginate*. cf. *Bulbophyllum vaginatum*.

vaginatus: see *vaginate*. cf. *Lissochilus vaginatus*. syn. *Eulophia clavicornis* var. *nutans*.

vaginifera: ref. *vagina*, see *vaginate* + bearing. cf. *Eria vaginifera*.

vaginulata: ref. *vaginula*: small sheath + like; having. cf. *Pleurothallis vaginulata*. syn. *Platystele ovalifolia*.

vaginulosum: ref. *vaginula*: small sheath +-*osa*: with small sheaths. cf. *Bulbophyllum vaginulosum*. syn. *B. apodum*.

vagrans: wandering; roaming; errant. cf. *Encyclia vagrans*.

Vainilla: Salisb.1807, see *Vanilla*. syn. *Vanilla*.

valde: sometimes seen in descriptions, or used with combwds.: very; greatly; extremely; intensely, etc. Not used very often, eg. see next entry.

valdevariabilis: very variable. cf. *Ophrys* x *valdevariabilis* O.& E.Danesch.

valenciae: of Valencia. Listed as ex Colombia, there are quite a few places called Valencia. Could also be for botanist, Juan I.Valencia (?). cf. *Masdevallia valenciae* Luer & R.Escobar 1986.

valentina: ref. *valens*: vigorous; of significance; strong + see -*ina*: like, etc. Or, maybe has something to do with a valentine, or found on St.Valentine's day (?): [14th of February]. cf. *Polystachya valentina*.

valenzuelana: listed for orig.coll., J.M.Valenzuela c1849. ex the central Americas, cf. *Maxillaria valenzuelana* (A.Rich.) Nash 1907.

valerioi: of Valerio, could be for a person's name. Also, by the given locations, ref. Valerio, a town of Chihuahua, state, Mexico (?). cf. *Spiranthes valerioi* Ames & C.Schweinf.1930. syn. *Schiedeella parasitica*.

valeryi: haven't read of this one. Probably for a lady's given name: of Valery. Of interest, it's reported to be from (Lat.) *valere*: to be strong; fit; healthy; worthy, etc. ex Sulawesi, Indon., cf. *Bulbophyllum valeryi* J.J.Verm.& P.O'Byrne 2003.

valetoniana: belonging to Valeton. Listed for botanist and author, Theodoric Valeton (1855-1929). ex Java, cf. *Oberonia valetoniana* J.J.Sm.1905.

valida: ref. *validus*: strong; robust, etc. cf. *Caladenia valida*. Endemic to s.east Aust.

validicolle: strong; robust + ref. *collum*: neck. cf. *Diplocaulobium validicolle*.

validior: ref. *validus* + suffix: stronger; more robust, or: one who is stronger, etc. cf. *Earina validior*.

validipecten: ref. *validus*: strong; robust + *pecten*: comb (+ see pectinate). cf. *Dendrobium validipecten*.

validissima: strong; robust + emphasis: very, etc. cf. *Eria validissima*. syn. *E. iridifolia*.

validum: as *validus*. cf. *Prasophyllum validum*. Noted as endemic to Sth. Aust.

validus: strong; robust, etc. cf. *Sarcanthus validus*. syn. *Cleisostoma suffusum*.

valladolidensis: from Tambo **Valladolid** (village), Zamora Chinchipe Prov., Ecuador. cf. *Pleurothallis valladolidensis* Luer 1983.

valleculata: ref. *vallecula*: small valley + like; having. cf. *Maxillaria valleculata*.

vallesiaca: belonging to *Vallesia*: an old name for Valais canton (: an admin. division), Switzerland. Or, could also ref. to the Valais Alps (: Pennine Alps), of the same region. cf. x *Gymnotraunsteinera vallesiaca* (Speiss) P.F.Hunt 1971. Noted as monotypic.

vallesiana: belonging to *Vallesia*, see *vallesiaca*. cf. *Ophrys vallesiana* Devillers-Tersch.& Devillers 1994. syn. *Ophrys iricolor*.

vallis-costae: maybe for a place name (of Costa Valley ?), but can't locate it. It's possible, it could be taken literally: valley + of a side. ie., Perhaps it was found growing in a branch of a valley, off another valley (?). cf. *Ophrys* x *vallis-costae* Kümpel.

vallis-peenae: for place name (Peena Valley ? + of), only listed as ex Germany. cf. *Dactylorhiza* x *vallis-peenae* Kümpel 2002.

Valvae: (those) with valves. Ref. the bivalvate flower.= *Stelis* section. syn. *Stelis* section *Humboldtia*.

valvate: ref. *valvatus*, lit.: like, or having folding doors. Meeting along the edge without overlapping, esp. of leaves, buds and flowers that are only partly opened. + See valve.

valve: not quite as in English. Orig. ref. *valva*: a single panel (leaf) of a folding door. Mostly applies to an organ, part, or group that is (or, appears to be) one piece and then it splits. Each section could then be called a valve, eg., one of the parts of a dehiscent capsule; a hinged anther-cap (operculum), could be termed a valve; a flower that only partly splits into two and doesn't open any further, is two-valved (: bivalvate).

valvola: listed as the dimin. of *valva*, see valve + small. cf. *Pleurothallis valvola*.

vampira: ref. *Vampyrus*: a genus of bats. Or, could be a fanciful specep. in keeping with the genus, likening the tailed floral segments to the fangs of a vampire (?). cf. *Dracula vampira*. (Luer) Luer 1978.

vampyrus: ref. *Vampyrus*: a genus of bats, + see *vampira*. ex Costa Rica, cf. *Telipogon vampyrus* Braas & Horich 1982.

vamvakiae: of Vamvakiá, a town of Serrai, Central Macedonia, Greece. cf. *Ophrys* x *vamvakiae* Kohlmüller.

x *Vancampe*: auct. On the syn. list, cf. *Acampe* x *Vanda*.

vancouveriana: belonging to Vancouver. Could be for the famous British navigator and explorer, Captain George Vancouver (1758-1798). But, more likely, was found either near the city of Vancouver, and/or on Vancouver Island, British Columbia, Canada. cf. *Corallorrhiza vancouveriana* Finet 1909. syn. *Corallorrhiza mertensiana*.

Vanda: W.Jones ex R.Br.1820. Reported to be a Sanskrit word (: a sacred Indian literary language), orig. thought to apply to many parasitic, or epiphytic plants. One major ref. says it's a local word for *Vanda tessellata*. In PM.PNG., our only (known) local was *Vanda hindsii* which was fairly common. Pers.coll., see sketch and notes.

Vanda hindsii Lindley.



For explanation of *hindsii*, see "H".

Fairly common ex PM.PNG., being both lithophyte and epiphyte. They are nicely compact, making a good pot subject and seem to never stop flowering. Easily propagated by cuttings (see "C"), this one was reputed to be the only *Vanda* species we had in our area.

Have read a few descriptions of the Australian *V. hindsii*, but this one has a few markedly obvious differences.

- x *Vandachnis*: auct. On the syn. list, cf. *Arachnis* x *Vandopsis*.
- x *Vandachostylis*: Guillaumin. On the syn. list, cf. *Rhynchosstylis* x *Vanda*.
- vandaefolium* (+ *vandifolium*): *Vanda* + leaf. Noted, the leaves were likened to some species of *Vanda*. cf. *Dendrobium vandaefolium*.
- x *Vandaenopsis*: Guillaumin. On the syn. list, cf. *Phalaenopsis* x *Vanda*.
- x *Vandaeranthes*: auct. On the syn. list, cf. *Aeranthès* x *Vanda*.
- x *Vandanthe*: Schltr. On the syn. list, cf. *Euanthe* x *Vanda*.
- x *Vandantherella*: Garay & H.R.Sweet. On the syn. list, cf. *Renantherella* x *Vanda*.
- x *Vandantherides*: Garay & H.R.Sweet. On the syn. list, cf. *Aerides* x *Euanthe* x *Vanda*.
- vandarum*: *Vanda* + of. Ref. the plant, likened to a *Vanda* (noted, the genus was also likened to a *Luisia*). cf. *Papilionanthe vandarum*.
- Vandea*: Griff.1851, see *Vanda*. syn. *Vanda*.
- Vandaeae*: *Vanda* + suffix denotes it's a tribe.
- vandervekeniana*: for botanist and author, Paul A.J.B.van der Veken [+ belonging to] (b1928). ex Kenya to sthn. trop. Africa, cf. *Eulophia vandervekeniana* Geerinck. syn. *Polystachya dendrobiiflora*.
- vanderwateri*: listed for Dutch scientist, J.Vanderwater (? , one major ref. spelled it as, van Derwater), who collected in Papua, Indon., early 1900s. cf. *Dendrobium vanderwateri* Ridl.1916.
- vandiflora*: *Vanda* + flower. Flower likened to some species of *Vanda*. ex Borneo, cf. *Trichoglottis vandiflora*.
- vandiflorum*: as *vandiflora*. cf. *Dendrobium vandiflorum*.
- vandifolium*: *Vanda* + leaf. cf. *Epidendrum vandifolium*.
- vandiforme*: *Vanda* + shape; form. cf. *Camaridium vandiforme*. syn. *Maxillaria equitans*.
- vandiformis*: *Vanda* + shape; form. cf. *Diaphananthe vandiformis*.
- Vandinae*: *Vanda* + suffix denotes it's a subtribe.
- x *Vandofinetia*: auct. On the syn. list, cf. *Neofinetia* x *Vanda*.
- x *Vandofinides*: auct. On the syn. list, cf. *Aerides* x *Neofinetia* x *Vanda*.
- x *Vandoglossum*: Garay. On the syn. list, cf. *Holcoglossum* x *Vanda*.
- vandoid: *Vanda* + like. For any organ, part, or group that could be alluded to resemble that of a *Vanda*. eg. vandoid flowers; vandoid leaves and for a vandoid plant, see *vandoides*.
- Vandoideae*: *Vanda* + suffix denotes it's a subfamily.
- vandoides*: *Vanda* + resembling. cf. *Dendrobium vandoides*, pers.coll., fairly common ex PM.PNG. Only a "botanical", a large untidy plant with relatively insignificant flowers, albeit quite pretty. At first glance, esp. with a young plant, it can look a lot like *Vanda hindsii*, but they spread into messy clumps and the stems can be very long, up to 150cms. (5ft.) is not uncommon. Had this one personally confirmed by Mr.Alick Dockrill, the famous Aust. orchidologist and author, Oct.1970. I felt most honoured by his visit, it was a tremendous thrill for a dumb new chum.
- x *Vandopsides*: auct. On the syn. list, cf. *Aerides* x *Vandopsis*.

Vandopsis: Pfitzer 1889: see *Vanda* + appearance. eg. *Vandopsis muelleri* (Kraenzl.) Schltr. syn. *Arachnis beccarii*. Pers.coll. ex PM.PNG., a massive and fantastic plant (more info., see *muelleri*). + Of interest, see *lissochiloides*.

x *Vandoritis*: auct. On the syn. list, cf. *Doritis* x *Vanda*.

vanensis: for place name: from Van Prov., or (near) the town of Van, or in the Lake Van area, westn. Turkey. cf. *Dactylorhiza vanensis* E.Nelson 1979.

x *Vanglossum*: auct. On the syn. list, cf. *Ascoglossum* x *Vanda*.

vanhoutteanum: for Louis Benoit van Houtte, see *houtteana*. cf. *Cypripedium* x *vanhoutteanum* Hye. Listed among the synonyms, with no further info.

vanikorensis: from Vanikoro Island, Temotu Prov., Solomon Islands. cf. *Dendrobium vanikorensis* Ames 1932. syn. *D. biflorum*.

vanikorensis: as *vanikorensis*. cf. *Trichotosia vanikorensis* (Ames) P.J.Cribb & B.A.Lewis.

Vanilla: Plum.ex Mill.1754: reported as ex Spanish, for "little pod", or, ref. *vaina* + dimin. (+ see *Vainilla*): a small sheath (?). The genus has over 100 species and I was amazed by its extensive distribution, as the only one that I have ever known is *Vanilla planifolia*. A trop. climbing orchid, from which vanilla extract is obtained from the capsules. The process yields "Vanillin", a crystalline compound constituting the scent and taste principles of *Vanilla*. No, they don't grow millions of them for your ice-cream anymore, Vanillin has been chemically duplicated for a long time now, more's the pity. However, it is still a very valuable cash-crop, grown commercially for use in many other products and, oddly, the world's largest producer is Madagascar. I had one given to me, in PM.PNG., and like many *Vanda* species, they grow well from cuttings.

vanilla: see *Vanilla*. cf. *Epidendrum vanilla*. syn. *Vanilla mexicana*.

vanillicarpum: *Vanilla* + fruit (capsule). Capsule likened to that of a *Vanilla* (relatively, long and slender). cf. *Selenipedium vanillicarpum*.

Vanillinae: *Vanilla* + suffix denotes it's a subtribe.

vanilliodorum: as *vanillodora*. cf. *Diplocaulobium vanilliodorum*.

vanillodora: *Vanilla* + perfume. Probably likened to that of *Vanilla planifolia*. cf. *Maxillaria vanillodora*. syn. *M. rufescens*.

vanilloides: *Vanilla* + resembling. Refs. to the plant, not the flowers. cf. *Pseudovanilla vanilloides*.

Vanillophorum: Neck.1790: see *Vanilla* + bearing. syn. *Vanilla* Plum.ex Mill.

vanimoana: belonging to Vanimo, see *vanimoensis*. cf. *Phreatia vanimoana* Ormerod.

vanimoensis: from Wanimo (Vanimo), a large town (coastal) of n.east PNG. cf. *Appendicula vanimoensis* Ormerod 2003.

vanleeuwenii: listed for orig .coll., botanist and author, W.M.Docters van Leeuwen. He is noted as collecting in Borneo and the Meervlakte area, Papua, Indon. 1926 (+ see *doctersii*). cf. *Diplocaulobium vanleeuwenii* (J.J.Smith) P.F.Hunt & Summerh.1961.

vannouhuysii: listed for Captain J.W.van Nouhuys (more, see *nouhuysii*). cf. *Dendrobium vannouhuysii* J.J.Sm.1911. Noted as endemic to New Guinea.

vanoverberghii: listed for authoritative collector, Belgian missionary Fr. Morice Vanoverbergh (+ of). cf. *Spathoglottis vanoverberghii* Ames 1920. A beautiful yellow form, from the mountains of Luzon Island, Philipp.

vanroemeri: was listed as such, but has to be an error, as there isn't any official listing. All other refs. are to **von** Roemer. ex New Guinea, cf. *Dendrobium vanroemeri* J.J.Sm. See *vonroemeri* and more info., see *Vonroemeria*.

van-royenii: of van Royen (info., see *royenii*). ex New Guinea, cf. *Pseudoliparis van-royenii* Szlach.& Marg. (syn., noted as a *Malaxis* species).

vanum: ref. *vanus*, has multiple meanings: useless; worthless; conceited; vain; empty, etc. cf. *Bulbophyllum vanum*. By a close-up colour photo', I thought it was a very pretty miniature, so it probably means "vain".

Vappaculum: M.A.Clem.& D.L.Jones 2002: ref. *vappo* + dimin.: a small moth. Alluding to a flower (?). syn. *Dendrobium* Sw.

Vappodes: M.A.Clem.& D.L.Jones 2002: ref. *vappo*: moth + resembling. Refs. to a flower. syn. *Dendrobium* Sw.

varelae: for place name: of Varela, listed as ex Bahia state, Brazil. cf. *Cattleya* x *varelae* V.P.Castro & Cath.2004.

Vargasiella: C.Schweinf.1952. Listed for botanist, Julio César Calderón Vargas (1907-1960) +*-ella*: respectful suffix. Noted, he collected extensively in the Peruvian Andes, eg. *Vargasiella peruviana*.

vargasii: see *Vargasiella*. ex Peru to Bolivia, cf. *Pleurothallis vargasii* C.Schweinf.1942.

varia: see *varius*: variegated; different, etc. cf. *Orchis varia*. syn. *Dendrophyllax varius*.

variabile: see variable. cf. *Bulbophyllum variabile*.

variabilis: see variable. cf. *Caladenia* x *variabilis* Nicholls 1950. Listed as a natcross of *C. cardiochila* x *C. fragrantissima*. Noted as endemic to s.east Aust.

variable: ref. *variabilis*: having the ability to be different; change: changeable; adaptable; departing from normal. Often seen in discussions, eg.: ...a very variable species. In my old field notes, eg. I may have remarked: "...larger flowers, colours more pronounced and plant more compact than those found at...". Many factors contribute to these differences, like altitude, the weather, etc. and I was assured, I wasn't the first to be fooled into thinking they could be "varieties", yet taxonomically, are still the same plant.

varians: variant: differing; changing; varying. cf. *Oncidium varians*. syn. *O. obryzatum*.

variciferum: ref. *varicis*: (like) a swollen vein (+ see varicose) + see *-fer*: bearing. cf. *Cymbidium variciferum*. syn. *C. chloranthum*.

varicosa: see varicose. cf. *Prosthechea varicosa*.

varicose: bot., ref. *varicosus*: of organs, unusually swollen, or enlarged, knotty and knobbly over relatively long sections, at irregular intervals, also often with tortuous development. First to mind (in English) is the classic example of "varicose veins", but for us, the word mostly applies to organs, or parts, eg. in a description the roots were described as: torose (see "T") and varicose.

varicosum: see varicose. cf. *Oncidium varicosum*.

varicosus: descwd. Noted, the Eng. equiv.: see varicose.

variegata: see variegate. cf. *Thelymitra variegata*. Noted as endemic to West.Aust.

variegate: ref. *variegatus*, lit.: of different kinds; sorts. Bot.: diversified by patches of different colours; blotched; streaked; mottled and dappled, etc. Sometimes can ref. to pale patches in stems, or leaves from a shortage of chlorophyll (of interest, see chlorosis).

variegatum: see variegate. cf. *Dipodium variegatum*. Noted as endemic to eastn. Aust.

variegatus: see variegate. cf. *Petalochilus variegatus*. syn. *Caladenia minor*.

varietal epithet: a descriptive adjective. When naming a botanical variety a third word is added to the generic name (binomial) proceeded by the abbreviation "var.". This third word (Latinised) is called the "varietal epithet" and all three words: the "varietal name". eg. *Dendrobium kingianum* var. *pallidum*. *Dendrobium* is the genus name, *kingianum* is the specific epithet (specep.) and *pallidum* is the varietal epithet. + See variety.

variety: a sub-division of a species. A variety has some difference(s), not quite sufficiently so to warrant the status of being described as another species. + See varietal epithet.

variopicta: as *variopictum*. cf. *Eulophia variopicta*. syn. *E. stachyodes*.

variopictum: see *varius* + painted. cf. *Cypripedium* x *variopictum* Rchb.f. syn. *C. x radiosum*.

varius: mostly means "different", + can be: changeable; various; diverse, etc. cf. *Dendrophylax varius*.

varvarae: could be for a person's name (+ of) and is also listed as ex Crete island, Greece. Noted quite a few places named Varvara, of Greece, but not for Crete (my map refs. having insufficient detail?). cf. *Ophrys* x *varvarae* Faller & K.Kreutz 1990.

vasconica: listed for place name: *Vasconicus* (: Vascones): an ancient Roman name for the Basque region of nthn. Spain and sthn. France, cf. *Ophrys fusca* ssp. *vasconica* O.& A.Danesch.

vascular: noted as adapted from *vasculum*: small tube; small vessel + Eng. suffix: of; to do with; made of; or provided with minute tubes; pipe-like vessels. Ref. vascular tissue which carries and distributes nutrients and all other products throughout the entire plant. A lesser known term for an orchid's column is: vascular bundle, which is comprised mainly of phloem, xylem and vascular tissue. Of interest to note, orchids can also be known as: vascular plants. This general term encompasses a massive number of plants, of the class, *Angiospermae* (see "A").

vasculum: noted this from a discussion. Listed as once part of a botanist's field equipment: a long oval, strong box mostly made of tin, with a tightly closing lid, used for transporting newly collected specimens. When I read this, I wondered why, as there would quickly be a high humidity build-up inside (esp. in the tropics) and the plants would soon cook! I wanted to take home my collections as undamaged as possible. I'll have a guess at the etym., ref. *vasculum*: a small vessel.

Vasqueziella: Dodson 1982: see *vasquezii* (+-ella: respectful suffix). Noted as monotypic and endemic to Bolivia, cf. *Vasqueziella boliviiana*.

vasquezii: for phytologist and author, Roberto Vásquez Chavez (+ of). Noted as a colleague and often co-author with Dr.C.A.Luer (see *Luerella*). ex Bolivia, cf. *Brachionidium vasquezii* Luer 1984.

vatia: ref. *vati*: bow-legged, bent outward. cf. *Habenaria vatia* D.L.Jones 2002. Noted as endemic to Qld., Aust.

vatkeana: listed for botanist and author, Georg Carl Wilhelm Vatke (1849-1889). ex trop. Africa, cf. *Holothrix vatkeana* Rchb.f.1876. syn. *H. arachnoidea*.

vatrax: ref. *vatrax*, *vatricosus*: with crooked foot (or, feet); clubfooted. cf. *Lepanthes vatrax*.

vaupeliana: belonging to Vaupel. For orig.coll., botanist, Friedrich Karl Johann Vaupel (1876-1927). ex Vanuatu region, cf. *Calanthe vaupeliana* Kraenzl.1909. syn. *C. hololeuca*.

vaupelianum: as *vaupeliana*. ex the Vanuatu region, cf. *Dendrobium vaupelianum* Kraenzl.1909. syn. *D. dactylodes*.

vaupelii: of Vaupel, see *vaupeliana*. ex Samoa, cf. *Habenaria vaupelii* Schltr.1910. syn. *Peristylus whistleri*.

vectensis: listed for place name: from *Vectis Insula*: old Roman name for the Isle of Wight (Eng.), cf. *Epipactis vectensis*. syn. *E. phyllanthes*.

veganum: vegetarian. Could be an oblique ref. to being a terrestrial, as it lives on the forest floor amongst the leaf litter (: a vegetarian). Hope this is right, if so it's a good one. cf. *Cypripedium veganum*. syn. *Cypripedium parviflorum* var. *pubescens*.

vegetative propagation: the increasing of plant population without the use of seed. eg. Noted, many terrestrials increase their own populations naturally, by producing "daughter tuberos" : A stoloniferous root will form a new tuberos, which in turn sends out a completely new growth. Stoloniferous roots can also produce "gemmae": minute buds having the ability to form into new plants. Artificial propagation can be achieved by many techniques as: division by back-cutting; forcing aerial growths (see keiki); taking cuttings; layering; protocorm proliferation, or one of the meristematic culture techniques (the last two, needing laboratory expertise and conditions).

vegetissima: ref. *vegetus*: fresh; vital; vigorous + emphasis: very, etc. cf. *Tainia vegetissima*.

vegrandis: listed as the one word, with conflicting explanations. One ref. says: small (without any alternatives). Another major ref. says it can be: not large; small, or very great (ref. *ve-*: emphatic prefix: intensely, etc.+ *grandis*: great, etc.). However, if you have this species, you'll know whether it's "small", or "very great". cf. *Pleurothallis vegrans*.

veil: a thin, membraneous, hood-like organ, or part, which partially conceals some other part(s).

veitchiana: listed for the Veitch family company (+ belonging to), first to flower it (see *veitchii*). ex Peru, cf. *Masdevallia veitchiana* Rchb.f.1868.

veitchianum: as *veitchiana*. cf. *Dendrobium veitchianum* Lindley 1847. syn. *D. macrophyllum*. Pers.coll. ex PM.PNG.

veitchianus: as *veitchiana*. cf. *Anoectochilus veitchianus* Blume. syn. *Macodes petola*.

veitchii: of Veitch. Listed for James Veitch (1815-1869) founder of the famous nursery, James Veitch & Sons of Exeter, Eng. Of interest to note, they were the first to employ paid collectors (my term: mercenaries, see "M"). ex New Guinea and the Solomons, cf. *Coelogyne veitchii* Rolfe 1895.

velamen: orig., ref. *velamen* a covering; garment. A covering membrane; the silvery outer layer of cells on exposed roots, which acts as an absorbent for water and nutrients.

velata: ref. *velatus*: veiled; covered; partly hidden. cf. *Lepanthes velata*.

velaticaulis: see *velata* + stem; stalk. cf. *Pleurothallis velaticaulis*.

velatipes: see *velata* + foot. cf. *Humboldtia velatipes*. syn. *Pleurothallis velaticaulis*.

velatum: see *velata*. cf. *Zygopetalum velatum*. syn. *Cochleanthes marginata*.

velatus: descwd., see *velata*: veiled, etc.

velella: was going to leave this out as *vel-* is obviously a contraction +-*ella*: small. But, the few words that start with *vel-* are mostly to do with covering; clothing; concealing. So, it's probably for a garment, clothing, cover, concealment, veil, sail; curtain (eg., see *velifera*). ex Colombia, cf. *Masdevallia velella*.

velifera: ref. *velifer*, lit.: carrying sail(s). cf. *Masdevallia velifera*.

veliformis: sail (?) + form; shape and/or see *velella*, as this is the same problem. cf. *Pleurothallis veliformis*.

velivolva: ref. *velo*: conceal; cover (+ see *velella*) + ref. *volva*: an envelope; cup-shaped sheath. cf. *Stelis velivolva*.

velleum: ref. *velleris*, *vellus*: fleece; pelt + suffix: of, etc. cf. *Odontoglossum velleum*.

vellicata: ref. *vellicatus*: twitched; pinched; nipped. cf. *Lepanthes vellicata*.

vellosiana: see *vellozoana*. Has a wide distribution, from Africa to the trop. Americas, cf. *Cyrtopera vellosiana* Barb.Rodr.1881. syn. *Eulophia alta*.

velox: swift. Perhaps it has fugacious flowers (?). cf. *Masdevallia velox*.

vellozii: as *vellozoana*. ex Brazil, cf. *Vanda vellozii* Rolfe 1896.

vellozoana: listed for botanist and author, José Mariano da Conceição Vellozo [+ belonging to] (1742-1811). ex Brazil, cf. *Encyclia vellozoana* Pabst 1975. syn. *E. oncidoides*.

vellozoi: see *vellozoana*. cf. *Epidendrum vellozoi* A.Hawkes 1957. syn. *E. saxatile*.

velous: listed as ex Old French, *velous* + ref. *vellus*: pelt; fleece and see *villose*, *villosus*. Having relatively long soft hairs and is noted as similar to *villose*.

veltmanii: listed for orig.coll., Herbert S.Veltman (+ of). ex Michigan, USA., cf. *Listera x veltmanii* Case 1964.

velutina: ref. *velutinus*: velvety; covered with fine, short, soft hair, alluded to velvet. Ref. the stems, bracts and leaves. cf. *Eria velutina*. syn. *E. thwaitesii* Trimen 1885. It has a twin brother (?) pers.coll., common ex PM.PNG.

velutinum: as *velutina*. cf. *Dendrobium velutinum*. syn. *D. trigonopus*.

venation: In books, have seen full chapters on this subject. Ref. *vena*: a vein. For anything to do with veins + the way they are arranged within leaves, sheaths, floral segments, etc.

venatoria: ref. *venator* + suffix: like a hunter. cf. *Masdevallia venatoria*.

venefica: ref. *veneficus*: poisonous. + Can be for: (of) magic; sorcery; witchcraft, etc. Is probably only to compliment the genus. cf. *Dracula venefica*.

veneris: to do with Venus, for "beauty" (see *venus*, *venusta*, etc.). cf. *Serapias lingua* ssp. *veneris*. syn. *S. lingua*.

venetus: listed as a vague colour term: dark bluish sea-green.

venezuelana: belonging to Venezuela. cf. *Masdevallia venezuelana* H.R.Sweet 1978.

venezuelanum: as *venezuelana*. cf. *Diacrium venezuelanum* Schltr. 1919. syn. *Caularthron bilamellatum*.

venezuelanus: as *venezuelana*. cf. *Physurus venezuelanus* Schltr. ex Knuth 1927. syn. *Erythodes venezuelana* Foldats 1959.

venezuelensis: from Venezuela. cf. *Dichaea venezuelensis* Carnevali & I. Ramirez 1993.

venosa: see venose. cf. *Diuris venosa*. Noted as endemic to NSW., Aust.

venose: ref. *vena*: a vein + see -osa: conspicuously veined; with many, or (having) prominent veins; veined.

venosum: see venose. cf. *Dendrobium bigibbum* var. *venosum*. syn. *D. x lavarackianum*.

ventanai: of Ventana, listed as ex Buenos Aires Prov., Argentina. May be for a person's name, but also ref. Sierra de la **Ventana** (mtn. range). cf. *Asarca ventanai* Hauman 1917.

ventii: of Vent. Listed for phytologist and author, Walter Vent (b1920). ex east Cuba, cf. *Octomeria ventii* H. Dietr. 1985.

ventilabrum: ref. *venter*: stomach; belly + lip. cf. *Calanthe ventilabrum*.

ventral: ref. *venter* + suffix: of, belonging, or relative to the belly; close to the middle. Of the anterior, or lower surface; on the inner face, or the one towards the axis. + Can be: the front, opp. to dorsal (: of the back).

ventral sepals: as they appear to come from the middle. See ventral + see sepal. Mostly, they are noted as "lateral sepals" (: of the side), distinguishing them from the median (+ dorsal, or odd) sepal. But in *Cypripedilinae*, the ventral sepal: the lateral sepals joined as one, also called the synsepalum (see "S").

ventricosa: see ventricose. cf. *Pholidota ventricosa*.

ventricose: ref. *ventricosus*: swollen like a belly; pregnant. Swelling out unevenly, esp. to one side; protuberant.

ventricosum: see ventricose. cf. *Pachygenium ventricosum*. syn. *Pelexia ventricosa*.

ventricosus: see ventricose. cf. *Corybas ventricosus*.

ventricular: ref. *ventricis* + suffix: anything to do with a belly; bellied (out); abdominal; swelling out; distended. + See ventricose.

Ventricularia: Garay 1972: see ventricular (+ of). ex Thai. and Peninsula Malaysia, eg. *Ventricularia tenuicaulis*.

ventricularia: as ventricular + of. cf. *Masdevallia ventricularia*.

ventrilabium: belly + lip. Ref. the swollen rear of the lip. cf. *Dendrobium ventrilabium*.

ventrilabrum: belly + lip. Or, swollen + edge (see *labrum*) cf. *Cyrtorchilum ventrilabrum*.

ventriosum: is listed as such, see ventricose (?). Or, ref. *venter*: belly + see -osa: abundant, etc. cf. *Bulbophyllum ventriosum* H. Perrier 1937.

ventripes: belly + foot. Ref. the centrally swollen stem (: foot of the plant). cf. *Dendrobium ventripes*.

venulosa: ref. *venula*: small vein + see-*osa*: full of; with many, etc. cf. *Eulophia venulosa*.

venus: for “beauty”. Ref. Venus: in Roman myth., orig. the goddess of Love and Beauty and later, came to be the symbol of the creative force of all life. In Gk.myth., her equiv. was Aphrodite. cf. *Dendrobium* x *venus* Rolfe. Listed among the synonyms, without date, location, or the “correct name”.

venusta: ref. *venustus* (: to do with Venus): beautiful; desirable; lovely; graceful, etc. cf. *Caladenia venusta*. Noted as endemic to Vic., Aust.

Venustae: having beauty, etc. See *venusta*. = *Coelogyne* section.

venustoinsigne: beautiful + outstanding. Listed as a cross and the specep. is obviously from the parents: *Paphiopedilum insigne* x *P. venustum*. ex Assam, India, cf. *Paphiopedilum* x *venustoinsigne* Pradhan 1979.

venustula: as *venusta* + dimin.: charming; attractive; lovely; beautiful, etc. cf. *Platythelys venustula*.

venustulum: as *venustula*. cf. *Dendrochilum venustulum*. syn. *D. parvulum*.

venustulus: as *venustula*. cf. *Physurus venustulus*. syn. *Platythelys venustula*.

venustum: see *venusta*. cf. *Paphiopedilum venustum*.

Venustum: see *venusta*. = *Paphiopedilum* section.

venustus: see *venusta*. cf. *Cyclopogon venustus*.

vera: ref. *verus*: genuine; true. With the example I use, *vera* is intended as a positive emphasis, ref. *vere*: truly; really, etc., with the “e” changed to an “a” to suit the genus. cf. *Cattleya labiata* var. *vera*. Because this species has such a large and wonderful labellum, “*vera*” (: the varietal epithet) emphasises the specep.(: *labiata*) and together they mean: “truly labiate”(see “L”). + See varietal epithet.

veracruzense: Lat’d. spelling: from Vera Cruz (Veracruz?), a major coastal town of sth.east Mexico. cf. *Epidendrum veracruzense* Sessé & Moç.

veracruzensis: as *veracruzense*. cf. *Stelis veracruzensis* Solano 1993.

veraguacensis: as *veraguasense*. cf. *Pleurothallis veraguacensis* Luer 1977. syn. *P. cordifolia*.

veraguasense: from Veraguas Prov., Panama. cf. *Epidendrum veraguasense* Hágsater 1992.

veraguasensis: as *veraguasense*. cf. *Stelis veraguasensis* Luer 2001.

veratri-: used in combwds., as a comparison. Having an organ, part or group likened to those of the genus *Veratrum* (not orchids), commonly: false hellebore. From Europe, Asia and nthn.America, they are poisonous plants of the lily family, *Liliaceae*. Listed as orig. ex Gk., *hellebores*, for which the Latin equiv. is noted to be, *veratrum*.

veratriflorum: see *veratri*-+ flower. cf. *Limodorum veratriflorum*.

veratrifolia: see *veratri*-+ leaf. The leaves were likened to those of a *Veratrum*. cf. *Corymborkis veratrifolia*.

veratrifolium: as *veratrifolia*. cf. *Dendrobium veratrifolium*. syn. *D. lineale*. Pers.coll., not uncommon, ex PM.PNG.

veratrifolius: as *veratrifolia*. cf. *Phaius veratrifolius*. syn. *P. tankervilleae*.

veratroides: see *veratri*-+ resembling. cf. *Dendrobium veratroides*. syn. *D. lineale*.

veratrum: sometimes seen in discussions, in comparison. Ref. the genus *Veratrum* (not orchids), see *veratri-*.
verbiformis: ref. *verber*: whip + form; shape. Or, *verbi-* could be a contraction of *Verbena*: a genus of herbaceous plants (family: *Verbenaceae*, not orchids) + form; shape (?). cf. *Pleurothallis verbiformis*.
verecunda: ref. *verecundus*: shy; bashful; modest, etc. cf. *Bletia verecunda*.
verecundum: as *verecunda*. cf. *Angraecum verecundum*.
vereenae: of Vereena. Listed for orig.coll., Ms.Vereena Jacobs (or Jacob?), ex Sth.Aust. cf. *Pterostylis vereenae* R.S.Rogers 1914. syn. *Pterostylis foliata*.
verisimilitude: noted this whilst reading, see *simulatum*.
Vermeulen: Á.& D.Löve 1972. Listed for phytologist and author, Pieter Vermeulen (1899-1981). syn. *Anacamptis* Rich.
vermeuleniana: belonging to Vermeulen, see *Vermeulen*. ex Germany and France, cf. *Dactylorhiza x vermeuleniana* Soó 1973. syn. *D. dinglesis* nothosubsp. *vermeuleniana* (Soó) ined.
vermeulenianum: for phytologist and author Jaap J.Vermeulen (his papers on the genus *Bulbophyllum* are absolutely brilliant). Descs. accr. to him are abbr. to: J.J.Verm. ex Borneo, cf. *Crepidium vermeulenianum* Szlach.& Marg.1998 (syn.).
vermiculare: ref. *vermis* + dimin.+ suffix: like, or relative to a small worm (or, grub). cf. *Bulbophyllum vermiculare*.
vermicularis: as *vermiculare*. cf. *Coelogyne vermicularis*.
vermiculatus: see next entry. cf. *Lissochilus vermiculatus*. syn. *Eulophia schweinfurthii*.
vermiculatus: worm-like; wormy. Also listed as a colour term: a mix of scarlet and yellow, similar to vermilion. Noted, the word originated from the use of certain insect larvae (: *vermiculus*: a little worm, or grub) to extract an expensive cloth dyestuff. + Of interest , see *kermesinus*.
vermiculifera: ref. *vermiculus*: small worm, or grub (+ see *vermiculare*) + bearing. cf. *Paphinia vermiculifera*.
vermiform: ref. *vermis*: worm, or grub + form; shape. For any organ, or part, alluding to a resemblance, ie. terete, wrinkled and randomly bent, eg. a vermiform spur.
vermifugum: ref. *vermis*: worm, or grub + have no reference to *-fugum*, which could be to do with any of the following: flee; hide; shun; timid; avoid; refuge; escape; rout; speed; pass swiftly; banish, etc. + Ref. vermifuge (as an adjective): to expell parasitic worms from the intestines, or (as a noun): some sort of medicine for same. Maybe it's for a hidden, worm-like organ, or part (?). cf. *Epidendrum vermifugum*. syn. *Vanilla odorata*.
vermionensis: for place name (+ from), only listed as ex Greece. It may ref. to the **Vermion** Mtns. west-central Macedonia, and/or ref. Káto **Vermion**, a town of Imathia, eastn. Greece (?). cf. *Epipactis x vermionensis* B.& H.Baumann 1988.
vermionica: as *vermionensis* (+ different suffix: belonging to). cf. *Dactylorhiza cordigera* var. *vermionica* B.& E.Willing 1987. syn. *D. cordigera*.
verna: ref. *vernus*: of spring (-time), + ref. *vernare*: to bloom. cf. *Corallorrhiza verna*. syn. *Corallorrhiza trifida*.

vernalis: descwd., sometimes seen in Lat. discussions: of, or for anything to do with spring (the season).

vernalis: see last entry. cf. *Genoplesium vernalis*. Noted as endemic to NSW., Aust.

vernica: see vernicose. ex the Dominican Republic, cf. *Psychilis vernica*.

vernica: ref. *vernix*: varnish, + *vernica*: varnished. Having a very shiny surface, as if freshly lacquered, or varnished.

vernica: see vernicose. Ref. the leaves. cf. *Dendrobium vernica*.

vernica: see vernicose. cf. *Elleanthus vernica*.

vernica: (as if) varnished, see vernicose. Esp., refs. to the brilliant blue speculum (see "S") of the labellum. cf. *Ophrys vernica*.

vernica: varnished + resembling. Or may have been compared to *Mormodes vernica* (?). cf. *Mormodes vernica*.

vernica: varnished, + see vernicose. cf. *Mormodes vernica*.

vernica: for place name (+ from), only listed as ex Italy. cf. *Ophrys x vernica* O.& E. Danesch 1972.

vernum: ref. *vernum*: of spring (-time). cf. *Cyrtopodium vernum*.

vernum: hard to define, my interpretation: (it) happens in spring. Ref. *vernum*: spring + suffix (-um): the result, or probability of something happening. cf. *Cyrtopodium vernum*.

vero:- used in combwds., an emphasis: ref. *vero*: certainly; in fact; assuredly; indeed, etc.

veroscriptum: see *vero*- + see *scriptum*: written (upon), etc. cf. *Epidendrum veroscriptum*.

verrucibracteum: ref. *verruca*: wart + see bract: warty bract(s). cf. *Bulbophyllum verrucibracteum*. syn. *Bulbophyllum bulliferum*.

verrucifera: warts + bearing. Ref. the papillose leaf-sheaths. cf. *Glomera verrucifera*.

verruciferum: warts + bearing. Refs. to the anther area. cf. *Agrostophyllum verruciferum*.

verruciflorum: warty + flower. Ref. the warty exterior of the ovary and sepals. cf. *Dendrobium verruciflorum*.

verrucipes: warty + foot. cf. *Epidendrum verrucipes*. syn. *E. polyanthum*.

verrucirhachis: warty + see rachis: flower stem part. cf. *Bulbophyllum verrucirhachis*. syn. *Bulbophyllum orbiculare*.

verrucolineata: warty + lined. cf. *Coryanthes verrucolineata*.

verrucosa: see verrucose. cf. *Caladenia verrucosa*. Noted as endemic to Vic., Aust..

Verrucosae: those being verrucose. = *Masdevallia* and *Coelogyne* sections.

verrucose: ref. *verruca*: a wart, + *verrucosus*; covered with warts; warty (also: rough). Not necessarily "warts", can be: papillae, calli, small projections, excrescences, etc.

verrucosissima: as *verrucosissimum*. cf. *Glomera verrucosissima*.

verrucosissimum: see verrucose + emphasis: very, etc. cf. *Oncidium verrucosissimum*.

verrucosum: see verrucose. Ref. the flower stem parts. cf. *Epidendrum verrucosum*. syn. *Encyclia adenocaula*.

verrucosus: see verrucose. cf. *Lissochilus verrucosus*. syn. *Eulophia tuberculata*.

verruculata: as *verruculatum*. cf. *Coelogyne longipes* var. *verruculata*. syn. *C. schultesii*.

verruculatum: ref. *verrucula*: small wart + like; having. Ref. labellum apex. cf. *Bulbophyllum verruculatum*.

verruculifera: small warts + bearing. cf. *Bractia verruculifera*. syn. *B. andina*.
verruculiferum: small warts + bearing. cf. *Bulbophyllum verruculiferum*.
verruculitera: is listed as such, but has to be an error for *verruculifera*. cf. *Bractia verruculitera*. syn. *Bractia andina*.
verruculosa: as verrucose with an added dimin.: small. cf. *Eria verruculosa*.
verruculosum: as *verruculosa*. Ref. the warty leaf-sheaths. cf. *Dendrobium verruculosum*. syn. *D. blanche-amesiae*.
verruculosus: as *verruculosa*. cf. *Cylindrolobus verruculosus*. syn. *Eria verruculosa*.
versicolor: ref. *versare*: to turn + colour. Ref. the variegated colours. cf. *Thelymitra versicolor*. syn. *T. nuda*. Noted as endemic to eastn. Aust.
versiformis: may be ref. *versus*: rut; furrow, or ex *versare*: to turn (?) + see form: kind; shape, etc. cf. *Funkiella versiformis*.
versteegianum: belonging to Versteeg, see *versteegii*. ex Surinam and Ecuador, cf. *Oncidium versteegianum* Pulle 1909 (+ of interest, see *pulleanum*).
versteegii: listed for Dutch army medical officer and botanical investigator, G.M.Versteeg (+ of). ex Hellwig Mtns., Papua, Indon.1907. cf. *Bulbophyllum versteegii* J.J.Sm.1908.
vertex: has many meanings: whorl; whirlwind; whirlpool; eddy; top; peak; summit; head; crown (of the head), etc. cf. *Trichosalpinx vertex*. syn. *T. tenuis*.
verticil (+ *verticel*): descwd., ref. *verticillis*: a small whorl. A whorl of leaves, flowers, bristles, or hairs, or other organs, or parts, growing around a central point, but not at the apex*. eg. A whorl of flowers on the rachis. + See *verticillate*. *When a "whorl" occurs at the apex of the organ carrying it, this: *umbelliform*. + See *umbel*.
verticillaris: see *verticil* + of; relative to; like. cf. *Eria verticillaris*. syn. *E. longifolia*.
verticillata: see *verticillate*, *verticil*. Ref. the leaves arranged in a whorl. cf. *Isotria verticillata*.
verticillate: see *verticil* + suffix: having, being or like, a small whorl (+ see whorl). eg. *Verticillate* flowers.
verticillosa: see *verticil* + *-osa*: having, or with many. cf. *Dracula verticillosa*.
verticulosa: see *verticil* + dimin.+ having, or with, etc. Also, may have been likened to a smaller *Dracula verticillosa* (?). cf. *Dracula verticulosa*.
verticillus: descwd., seen in descriptions: a small whorl. See *verticil*, *umbel*, *whorl*.
verum: ref. *verus*: genuine; true. This, again, could be for an emphasis, turning the word to "truly" (another example, see *vera*), ie. "truly lemon-coloured" (see *citrinus*). cf. *Oncidium citrinum* var.*verum*. syn. *O. citrinum*.
vesca: ref *vescus*: weak; little; thin; poor, etc. cf. *Stelis vesca*.
vescula: ref. *vesculus*, listed as the dimin.(: slightly, etc.) of *vescus*: weak; little; thin; poor, etc. cf. *Gastrodia vescula*. Noted as endemic to Sth.Aust.
vesicata: see *vesicate*. cf. *Chamaeangis vesicata*.
vesicate: ref. *vesica*: blister; bladder + suffix: like; being; having. *Vesicated*: blistered.
vesicatum: see *vesicate*. cf. *Collabium vesicatum*.
vesicicaule: blister; bladder + stem; stalk. cf. *Epidendrum vesicicaule*.

vesicifer: blister(s?) + bearing. cf. *Microchilus vesicifer*.

vesicifera: as *vesicifer*. cf. *Erythrodites vesicifera*.

Vesicisepalum: (J.J.Sm.) Garay, Hamer & Siegerist 1994: blister + sepal. syn. *Bulbophyllum* Thouars.

Vesicisepalum: as last entry.= *Bulbophyllum* section.

vesicle: listed as adapted from *vesicula*: a small bladder; blister; sac. Can be an air-cavity, or containing liquid. + See *vesicate*.

vesiculatum: ref. *vesicula*, see *vesicle* + suffix: like, or having a small vesicle. cf.

Angraecum vesiculatum.

vesiculiferum: small vesicle + bearing. cf. *Angraecum vesiculiferum*.

vesiculosa: see *vesicle* + *-osa*: with small bladders; blisters. cf. *Adenoncos vesiculosa*.

vesiculosum: as *vesiculosa*. Has many small globular papillae on the lip. cf. *Bulbophyllum vesiculosum*.

vespa: a wasp. cf. *Prosthechea vespa*.

vespertilio: a bat (the animal, + ref. *vespertilionis*). cf. *Dracula vespertilio*.

vespertilionis: as *vespertilio*. cf. *Corybas vespertilionis*.

vespertina: see *vespertinus*. cf. *Stelis vespertina*.

vespertinus: descwd.: of the evening. Can also be: of the west; western.

vespifera: ref. *vespa*: wasp + bearing. Alludes to a flower. cf. *Ophrys vespifera*. syn. *O. lutea*.

vesta: is simply to express "beauty". Ref. Gk.myth., Vesta: the very beautiful goddess of home and hearth. ex the Philippines, cf. *Phalaenopsis x vesta* H.J.Veitch 1894. syn. *P. x intermedia*.

vestalis: ref. *vestis*: garment + suffix: of, or to do with clothes (probably implies, it's well dressed). cf. *Cattleya vestalis*. syn. *C. forbesii*.

vestigial: ref. *vestigium*: footprint; trace. Something left over, or left behind; remaining as a vestige; obsolete. eg. In a discussion, the ref. was to vestigial petals, ie. just the minutest stumps were left. Have seen this often with many *Bulbophyllum* species.

vestigiiferum: see *vestigial*; vestige + bearing. cf. *Dendrobium vestigiiferum*.

vestigipetala: see *vestigial* + petals. cf. *Pleurothallis vestigipetala*.

vestigipetalus: as *vestigipetala*. cf. *Lueranthos vestigipetalus*. syn. *Pleurothallis vestigipetala*.

vestita: ref. *vestitum*: clothed; dressed. Ref. the hairy axils. cf. *Calanthe vestita*.

vestitum: clothed; dressed (sometimes implies: well-dressed). cf. *Bulbophyllum vestitum*.

vestitus: as *vestitum*. cf. *Phaius vestitus*. syn. *Calanthe vestita*.

vestiture: A collective, or general term for the appearance and/or surface condition.

vesubiana: listed for place name: belonging to the Vesubie River of sthn.France (enters the Mediterranean at Nice). cf. *Gymnadenia corneliana* var.*vesubiana* (G.Keller) G.& W.Foelsche 1999. syn. *G. corneliana*.

vetula: lit., an old woman. + Ref. *vetus*: aged; having, or showing signs of old age + dimin. Having the appearance of aging. + See *vetulus*. cf. *Ophrys vetula*. syn. *O. scolopax*.

vetulus: lit., an old man. Also listed as the dimin. of *vetus* + see *vetula*. cf. *Platystele vetulus*.

vexabile: having the ability to shake; capable of shaking (+ see *vexans*). cf. *Dendrobium* x *vexabile* Rchb.f. Listed among the synonyms, with no further info.

vexans: ref. *vexo*: to shake; *vexans* shaking. Or, could be: annoying; vexing. cf. *Dendrobium vexans*. syn. *D. hercoglossum*.

vexativa: ref. *vexatus* + suffix, freely trans.: causing trouble; annoying; vexatious; vexing. Maybe for the difficulty of classification (?). ex Mexico, cf. *Rhynchostele* x *vexativa* (Rchb.f.) Soto Arenas & Salazar 1984.

vexativum: same as *vexativa*. cf. *Odontoglossum* x *vexativum* Rchb.f.1876. syn. *Rhynchostele vexativa*.

Vexillabium: F.Maek.1935. Could be *vexilla*-, ref. *vexillum*: flag; banner + *-bium*: characteristic of. Or, it's a contraction of *vexillum* (*vexil*-) + *labium*: flag; banner + lip. (?). ex Japan, eg. *Vexillabium fissum*.

vexillaria: flag; banner + relative to. Ref. the median sepal. cf. *Miltonia vexillaria*. Read a good example of how ruthless mercenaries were in their secrecy and collecting methods.: Of this species, every plant of commercial value was taken from the area and then the forest systematically burned and destroyed completely. Thus ensuring that rivals could not obtain a single specimen! + See mercenaries.

vexillaris: flag-like. cf. *Dendrobium vexillaris*.

vexillarium: of, or like a flag, or banner. A flower was alluded to resemble a ribboned banner; pennant. cf. *Bulbophyllum vexillarium*. Noted as endemic to Papua, Indon.

vexillarius: as *vexillaria*. Reported as a fanciful allusion to the flowering plant: very upright, with the raceme as a flag; banner. cf. *Dendrobium vexillarius*.

vexillifera: flag; banner + bearing. cf. *Liparis vexillifera*.

vexilliferum: as *vexillifera*. cf. *Cymbidium vexilliferum*. syn. *Liparis vexillifera*.

vexillum: flag; banner + dimin., or characteristic of (?). cf. *Epidendrum vexillum*.

Veyretella: Szlach.& Olszewski 1998: see *veyretiae* + *-ella*: respectful suffix. Noted as monotypic and endemic to Gabon, Africa, cf. *Veyretella hetaerioides*.

Veyretia: Szlach.1995: see *veyretiae*. Noted, this genus was introduced to accommodate quite a few anomalies that had been placed in the genus, *Spiranthes*. ex Brazil, eg. *Veyretia rupestris*.

veyretiae: for phytologist, Ms.Veyret (+ of). Haven't any further info. and was going to leave this out, but there is a fairly important genus named for her (see *Veyretia*). This species is listed as ex Rio de Janeiro state, Brazil, cf. *Sarcoglottis veyretiae* Szlach.1993.

viable: mature; ripe; ready; capable of producing, etc., eg. viable seed.

viacola: ref. *via*: a road; pathway + dweller; resident. Probably frequents the sides of roads, etc. (for the run-off, of rainwater). cf. *Prescottia viacola*.

viahoensis: for place name (+ from), only listed as ex Colombia. cf. *Lepanthes viahoensis* Luer & R.Escobar 1997.

via-incarum: way; path; road + belonging to the Incas. ex Ecuador, cf. *Lepanthes via-incarum* Luer & Hirtz 1987.

viaticus: lit., of, or to do with a road, or paths, etc. A descwd.: grows at the sides of roads (+ see *viacola*).

vibrissa: whisker; stiff hair. cf. *Lepanthes vibrissa*.

vice versa: Lat. phrase: the other way round.

vicina: ref. *vicinus*: near; close; neighbouring. cf. *Ophrys* x *vicina* Duffort 1902. A reported natcross of *Ophrys holoserica* x *O. scolopax*.

victor: agonised over this, thinking it to be for a man's given name, but there isn't any suffix. Ref. *victor*: conqueror; winner. cf. *Odontoglossum victor*. syn. *O. hallii*.

victoriae: of Victoria (: Limbe) a coastal city of Cameroon, west Africa. cf. *Polystachya victoriae* Kraenzl.1900.

victoria-mariae: listed to honour Princess Victoria Mary of Teck, Eng.(1867-1953), as it first flowered on the day of the announcement of her betrothal to HRH.George, the Duke of York. (In 1910 he succeeded his father, King Edward VII, to become King George V). cf. *Paphiopedilum victoria-mariae* (Sander ex Mast.) Rolfe 1896. Another one with a sad history! The orig.coll., W.Micholitz (see *micholitzii*) sent approx. 2,000 of this one species from Sumatra, to Eng. and none survived the trip.

victoria-regina: Victoria + Queen. Listed for HRH.Queen Victoria of Eng.(1819-1901). ex Brazil, cf. *Cattleya* x *victoria-regina* auct.1892 ("correct name", not given).

victoriae-reginae: Victoria + Queen. cf. *Dendrobium victoriae-reginae* Loher 1897. Noted that Dr.Loher (see *loheri*) found it, ex the Philipp. and dedicated it to HRH.Queen Victoria of Eng. (1819-1901).

victoriensis: for place name: from Mt.Victoria, NSW., Aust. cf. *Diuris* x *victoriensis* Messmer 1944. syn. *D. x polymorpha*.

victoris: a (or, the) conqueror; winner; victor. cf. *Bulbophyllum victoris*. syn. *B. resupinatum* var.*filiforme*.

vidalii: of Vidal. For botanist and author, Sebastian Vidal y Soler (1842-1889), who collected in the SE.Asia region. ex the Philipp., cf. *Vanda vidalii* Boxall ex Naves 1880. syn. *Vanda lamellata*.

vidua: ex *viduus*: bereave; deprive, etc. cf. *Habenaria vidua*.

viduata: ex *viduus*: bereft; deprived + suffix: bereavement; loss. cf. *Pleurothallis viduata*.

vieillardii: see *Vieillardorchis*. cf. *Spathoglottis vieillardii* Rchb.f.1877. syn. *S. plicata*.

vieillardii: as *Vieillardorchis*. cf. *Appendicula vieillardii* Rchb.f.1877. syn. *A. reflexa*.

Vieillardorchis: "Vieillard's orchid" Kraenzl.1928*. Listed for orig.coll., French botanist, author and authoritative collector, Eugène Vieillard (1819-1896), who lived in New Caledonia. Descs. accr. to him are abbr. to: Vieill. *syn. *Goodyera* R.Br.

vieirae: of Vieira, only listed as ex Colombia. Could be for a person's name, and/or noted many places called Vieira (in some form), in nearby countries, but none listed for Colombia (?). cf. *Pleurothallis vieirae* Luer & R.Escobar 1981.

vieirana: belonging to Vieir, see *vieirae*. ex Colombia, cf. *Masdevallia vieirana* Luer & R.Escobar 1989.

viejoi: for place name (+ of), only listed as ex sthn. Mexico. Can't be exact as there are many villages, named Viejo. cf. *Epidendrum viejoi* Rchb.f.1855. syn. *E. fruticosum*.

vientianensis: from Vientiane city, sthn. Laos. cf. *Sarcanthus vientianensis* Guillaumin. syn. *Sarcoglyphis mirabilis*.

vietnamense: from Vietnam. cf. *Paphiopedilum vietnamense* O.Gruss & Perner 1999.
vietnamensis: from Vietnam. cf. *Bulbophyllum vietnamensis* Seidenf.1975.
vietnamica: belonging to Vietnam. cf. *Christensonia vietnamica* Haager 1993. Noted as monotypic.
Vietorchis: Aver & Averyanova: a contraction of Vietnam + orchid. cf. *Vietorchis aurea*. Noted as monotypic and endemic to Vietnam.
vigiaense: from Vigía, a coastal village of Valle de Cauca, Colombia. cf. *Epidendrum vigiaense* I.Bock 1982.
viglaensis: for place name (+ from), listed as ex Anáfi island(s), Sthn. Aegean sea, Greece. cf. *Ophrys* x *viglaensis* Biel 2001.
viguieri: of Viguier. For French botanist and author, René Viguier (1880-1931). He accompanied Mon.H.Humbert (see *humbertiana*) on an expedition to Madagascar 1912. cf. *Angraecum viguieri* Schltr.1922.
vilcabambana: belonging to Vilcabamba, a major town of Loja Prov., Ecuador. cf. *Govenia vilcabambana* Dodson 1994.
villena: listed for place name: of Villena (village), s.east of Lima city, Peru. cf. *Cynoches cooperi* var. *villena* G.F.Carr & A.Prieto 2002.
villena: belonging to Villena, see *villena*. cf. *Cyrtorchilum villenarum* Christenson 2002.
villiersii: listed for phytologist and author, J.F.Villiers [+ of] (b1943). ex Gabon, Africa, cf. *Dinklageella villiersii* Szlach.& Olszewski 2001.
villifera: villi-, see villose + bearing. cf. *Stelis villifera*.
villonacensis: for place name (+ from), listed as ex Loja Prov., Ecuador. cf. *Maxillaria villonacensis* Dodson 1994.
villosa: see villose. Ref. the leaf. cf. *Thelymitra villosa*. Noted as endemic to West.Aust.
villose: ref. villus: a small, fine, soft, upright hair (plural: villi). Mostly villose is used to describe an indumentum (: surface covering): (almost) shaggy, with relatively long, upright hairs. + Sometimes can ref. to a tuft.
villosipes: see villose + foot. cf. *Dendrobium villosipes*. syn. *D. prostheciglossum*.
villosissima: see villose + emphasis: very, etc. cf. *Caladenia villosissima*. Noted as endemic to Vic., Aust.
villosula: see villose + dimin. (slightly shaggy). cf. *Bifrenaria villosula*.
villosulum: as *villosula*. Has dark hairs on the leaf sheaths. cf. *Dendrobium villosulum*. syn. *D. nutans*.
villosum: see villose. cf. *Paphiopedilum villosum*.
villosus: descwd., see villose: with (almost) shaggy hair.
villosus: see villose, villosus. cf. *Corybas villosus*.
viminale: ref. *viminalis*: willowy; supple; pliant. Can also be for a basket, usually woven from willow (Osier) branchlets. cf. *Cyrtorchilum viminale*.
viminea: ref. *vimineus*: pliant; supple; willowy. cf. *Vanda viminea*. syn. *Acampe rigida*.
vin-: used in combwds., a contraction of *vinum*: wine. Mostly for the colour, see *vinaceus*.
vinacea: see *vinaceus*. cf. *Lepanthopsis vinacea*.
vinaceum: see *vinaceus*. For the dark red flower. cf. *Bulbophyllum vinaceum*.

vinaceus: see *vin-* + see *-acea*: a vague colour term: wine colour. Can be for many shades of darker red, to almost violet.

vincentina: refs. to Saint Vincent (+ of), a major island of the independent state of Saint Vincent and the Grenadines, s.east Caribbean Sea. Trivium: also noted as having the oldest botanical garden in the westn. hemisphere (est.1763). cf. *Epidendropsis vincentina* (Lindl.) Garay & Dunst. 1976. syn. *Epidendrum vincentinum*.

vincentinum: as *vincentina*. cf. *Epidendrum vincentinum* Lindley 1841.

vinculibulbum: ref. *vinculum*: bond; tie; fetter + bulb. Ref. the rhizome, "ties" the pseudobulbs together. cf. *Bulbophyllum vinculibulbum*. syn. *B. montense*.

vindelica: my only ref. is to *Vindelicia*, an ancient region ruled by the Romans. The main town being *Augusta Vindelicorum*, which is now Augsburg city, sthn.Germany. cf. *Ophrys vindelica* W.Zimm.ex A.Fuchs 1928. syn. *O. sphegodes*.

vinealis: lit., of, or to do with a vine, or vines. cf. *Pleurothallis vinealis*.

Vinerlia: listed as an anagram of *Nervilia*. = *Nervilia* section.

vinicolor: wine + colour. cf. *Dendrobium* x *vinicolor* St.Cloud 1956. syn. *D. x superbiens*. Reported as a natcross of *Dendrobium bigibbum* x *Dendrobium discolor*. Noted as endemic to nth. Qld., Aust.

viniferum: wine (colour) + bearing. cf. *Paphiopedilum viniferum*. syn. *P. callosum*.

vinnosa: an error for *vinosa* (?), or may be a contraction of *vinnulus* + *-osa*: delightful + an emphasis. Probably the former, as another synonym says it is a darker red (+ see *vinosus*). cf. *Pleurothallis cuneifolia* var.*vinnosa*. syn. *P. cuneifolia*.

vinosa: see *vinosus*. cf. *Cleistes vinosa*.

vinosum: see *vinosus*. cf. *Dendrobium vinosum*.

vinosus: like, or full of wine. A vague colour term: wine-red. Noted for many shades of a darker red, inc. reddish-purple (+ a shade of violet). + Can mean: drunken; intoxicated.

vinosus: as last entry, for the colour of the flower. cf. *Corybas vinosus*.

violacea: see *violaceus*. cf. *Phalaenopsis violacea*.

violaceoflavens: violet + pale yellow. Flower is yellow with a violet lip. cf. *Dendrobium violaceoflavens*.

violaceolabellum: violet + lip. cf. *Bulbophyllum violaceolabellum*.

violaceomaculata: violet + spotted. cf. *Pleurothallis violaceomaculata*.

violaceominiatum: violet + see *miniatus*. Flower is violet and the lip has an orange-red apex. cf. *Dendrobium violaceominiatum*.

violaceonervosa: violet + with many nerves, or prominently nerved (veined). Has violet veins (?). cf. *Liparis violaceonervosa*. syn. *L. nervosa*.

violaceopictum: violet + painted. The lip is heavily dotted with violet-red. of. *Dendrobium violaceopictum*.

violaceopunctata: violet + dotted. To me, the spots and dots are more of a maroon colour and mostly ref. to the lip. cf. *Maxillaria violaceopunctata*.

violaceorosea: violet + see *rose-*. cf. *Pleurothallis violaceorosea*. syn. *P. loranthophylla*.

violaceovirens: violet-like + green(ing). cf. *Cirrhaea violaceovirens*. syn. *C. dependens*. Of interest see *viridipurpurea*, this is the same species.

violaceum: see *violaceus*. cf. *Dendrobium violaceum*.

violaceus: see next entry. cf. *Physurus violaceus*. syn. *Pachyplectron neocaledonicum*.

violaceus: violet-like, a general colour term, mostly taken as a bluish-purple.

violascens: violet + suffix: tending to; becoming. cf. *Paphiopedilum violascens*.

violetense: from Violeta, listed as ex Ecuador. Noted two villages with this name, both in Guayas Prov. cf. *Epidendrum violetense* Hágsater & Dodson 2001.

violodora: violet + perfume. Flowers are strongly scented and likened to that of a violet (ref. the genus *Viola*, family, *Violaceae*). cf. *Epidendrum violodora*. syn. *E. selligerum*.

vipanii: listed for orig.coll., Captain J.A.Vipan (+ of). ex Burma (Myanmar), cf. *Vanda vipanii* Rchb.f.1882.

viperinum: ref. *viperinus*: of snakes; snake-like. By the discussion, the labellum crest consists of many small projections, likened to snakes (heads). cf. *Oncidium viperinum*.

virella: ref. *vir* + *-ella*: man + dimin., or *vir-* is a contraction of *viridis*: green + dimin.(slightly green?). cf. *Encyclia alata* ssp.*virella*.

virens: greening. cf. *Angraecum virens*. syn. *A. eburneum* (means: of ivory, which can be a greenish-cream).

virescens: ex *viresco*, to become green: becoming green. cf. *Phreatia virescens*.

virescentibus: cf. *Coelogyne salmonicolor* var. *virescentibus* J.J.Sm.ex Dakkus 1935*. Thanks to Prof. Stearn's "Botanical Latin" (see the bibliography), this now makes perfect sense. Without detailing Latin grammatical changes and declensions, it's ref. *virescens* (: becoming green) with a different ending (the *s*, becomes a *t* and the suffix: to; for; by; with; from). Which means it's "becoming green, **from** (a) salmon colour". *Perhaps it was proven to be only a colour variation, as the species is syn. to *Coelogyne salmonicolor*. (Note, for the colour salmon, see *salmonaeus*.)

virgata: see virgate. cf. *Encyclia virgata*. syn. *E. michuacana*,

Virgatae: see virgate + of..= *Dendrobium* section.

virgate: ref. *virga*: twig; rod + can be for a stripe, or streak + suffix: of; like; having. Most often is for some organ, or part likened to a rod, or twig, ie. relatively long and slender.

virgatum: see virgate. cf. *Saccolabium virgatum*. syn. *Papillilabium beckleri*.

virgatus: see virgate. cf. *Elleanthus virgatus*.

virginale: as *virginalis*. cf. *Cleisostoma virginale*. syn. *Robiquetia succisa*.

virginalis: of a maiden; maidenly; virginal; chaste (+ can be "pretty"). ex Guatemala, cf. *Lycaste virginalis*. The specep. could also be an oblique ref. to *Monja Blanca* (: the White Nun), see *skinneri*.

virginea: see *virgineus*. cf. *Polystachya virginea*.

virgineum: as *virgineus*: white. For the flower, but it does have some red lines and a red blush at the column-foot. cf. *Dendrobium virgineum*.

virgineus: a colour term (mostly): a pure unblemished white. As a descwd., can mean: pure; chaste; virginal.

virgo-cuencae: haven't any info., however, ref. *virgo*: maiden; young lady + of Cuenca (city). Listed as ex Azuay Prov., Ecuador, cf. *Masdevallia virgo-cuencae* Luer & Andreeta.

virgula: ref. *virga* + dimin.: small branch; twig. cf. *Tridactyle virgula*.

virgulata: as *virgulatum*. cf. *Stelis virgulata*.

virgulatum: see *virgula* + like; having. cf. *Oncidium virgulatum*.

virguncula: listed as the dimin. of *virgo*: maiden. cf. *Maxillaria virguncula*.

virid-, *viridi-*: used in compwds., ref. *viridis*: "green" (in general).

viridans: being green. cf. *Epipactis viridans*. syn. *E. helleborine*.

viride: a variation of *viridis*: green. cf. *Prasophyllum viride*. syn. *Genoplesium pumilum*.

viridella: I said "slightly, or pale green", but noted the specep. was taken from the parents. A cross of *Dactylorhiza purpurella* x *D. viridis*. cf. *D. x viridella* (Hesl.-Harr.) ined.

viridescens: becoming green. cf. *Caladenia viridescens*. Noted as endemic to West.Aust.

viridialba: green + see *albus*: "white". cf. *Habenaria viridialba*. syn. *H. baeurlinii*.

viridiaurea: green + see *aurea*: golden yellowy-orange. cf. *Habenaria viridiaurea*. syn. *H. heptadactyla*.

viridibracteata: green + bracted. cf. *Eria viridibracteata*.

viridibrunnea: green + brown. cf. *Neolehmanna viridibrunnea* (Rchb.f.) Garay & Dunsterv. syn. *Epidendrum viridibrunneum*.

viridibrunneum: green + brown. cf. *Epidendrum viridibrunneum* Rchb.f.1862.

viridicallus: green + see *callus*. cf. *Liparis viridicallus*.

viridicatum: being green; fresh-looking. cf. *Dendrobium viridicatum*. syn. *D. stuartii*.

viridicoccineum: green + see *coccineus*: "red". The red flowers have green tips. cf.

Mediocalcar viridicoccineum. syn. *M. stevenscoodei*.

viridiflava: green + see *flavus*: yellow. cf. *Chiloschista viridiflava*.

viridiflavum: green + yellow. cf. *Catasetum viridiflavum*.

viridiflora: green + flower. cf. *Goodyera viridiflora*.

viridiflorum: green + flower. cf. *Bulbophyllum viridiflorum*.

viridiflorus: green + flower. cf. *Haplochilus viridiflorus*. syn. *Zeuxine viridiflora*.

viridifusca: green + dark brown. cf. *Ania viridifusca*.

viridifuscatum: green + ref. *fuscatus*: darkened. cf. *Epidendrum viridifuscatum*.

viridifuscum: green + dark brown. cf. *Dendrochilum viridifuscum*. syn. *D. oxylobum*.

viridilamella: green + see *lamella*. cf. *Flickingeria tricarinata* var. *viridilamella*. syn. *F. tricarinata*.

viridi-maculata; green + spotted. cf. *Phalaenopsis viridi-maculata*.

viridipurpurea: green + purple. cf. *Cirrhaea viridipurpurea*. syn. *C. dependens*.

viridipurpureum: green + purple. cf. *Epidendrum viridipurpureum*. syn. *E. anceps*.

viridirosea: green + rosy (pink). cf. *Robiquetia viridirosea*.

viridiroseum: green + rosy (pink) . Has reddish flowers with green tips. cf. *Dendrobium viridiroseum*. syn. *D. purpureum*.

viridis: a general colour term: "green". cf. *Thelymitra viridis*. Endemic to Tas., Aust.

viridisepala: green + sepals. cf. *Chondrorhyncha viridisepala*.

viriditepalum: green + see tepal (tepals: the sepals and petals). cf. *Dendrobium viriditepalum*.

viriditepalus: as *viriditepalum*. cf. *Eurycaulis viriditepalus*. syn. *Dendrobium viriditepalum*.

viridula: see *viridulus*. cf. *Restrepiella viridula*.

viridulum: as *viridulus*. cf. *Dendrobium viridulum*.

viridulus: green + dimin. + A vague colour term: a slightly paler grass-green. + See *viridus*.

viridulus: as *viridulus*. cf. *Eurycaulis viridulus*. syn. *Dendrobium viridulum*.

viridus: see *viridis*, a general colour term: grass-green; "green".

virilis: manly. cf. *Eulophia virilis*. syn. *Graphorkis lurida*.

virotii: listed for botanist and author, Robert Virost [+ of] (b1915). ex New Caledonia, cf. *Dendrobium virotii* Guillaumin 1941.

viscid: see *viscidus*, viscous: gluey; sticky, etc.

viscidium (sing.), viscidia (pl.): A special (usually) adhesive attachment on the stipe of a pollinarium, sometimes called a disc, or retinacle. For when an insect visits the flower the pollinarium is stuck to it, ensuring transport to another flower. Some species do have viscidia that are not sticky + the shape, size, quantity, etc. can be important in phytology. Viscidia come in many forms from simple to very complex structures and can even be like a very small, single drop of liquid.

viscidium: (as if) stuck on. Plant firmly attached to the host. cf. *Bulbophyllum viscidium*. syn. *Bulbophyllum lepidum*.

viscidum: stuck (on, as: tenacious); firmly gripping. + See *viscidus*. cf. *Epidendrum viscidum*. syn. *E. ciliare*.

viscidus: descwd., gluey; clammy; sticky. Of a liquid substance: relatively thick and syrupy. + Sometimes can mean: tenacious; clinging.

viscosa: see viscid, viscous. cf. *Corymbosa viscosa*.

viscosum: as *viscosa*. cf. *Orchiodes viscosum*. syn. *Platylepis viscosa*.

viscous: same as viscid: sticky; gluey, etc.

vitellina: see *vitellinus*. Ref. the flower colour. cf. *Prosthechea vitellina*.

vitelliniflora: see *vitellinus* + flower. cf. *Maxillaria vitelliniflora*.

vitellinum: see *vitellinus*. cf. *Dendrobium vitellinum*. syn. *D. mohlianum*.

vitellinus: a vague colour term. Ref. *vitellus*: the yolk of an egg +-ina: like, etc.: a dull yellow, tending slightly to red.

vitellinus: as last entry. cf. *Elleanthus vitellinus*.

vitiense: from Viti Levu island(s), Fiji Islands. cf. *Acanthephippium vitiense* L.O.Williams 1941. syn. *A. splendidum*.

vitiensis: as *vitiense*. cf. *Anoetochilus vitiensis* Rolfe 1909. syn. *A. imitans*.

vitosana: see *vitosensis* (+ belonging to). cf. *Dactylorhiza x vitosana* H.Baumann 1983.

vitosensis: for place name: from Vitosa: Vitosha N.Park, nthn. Rhodope Mtns., Bulgaria. cf. x *Dactylodenia vitosensis* Jagiello 1988.

vitreus: descwd., ref. *vitrum*: glass + suffix: of glass; like glass; glassy. + Can mean: translucent and slightly greenish.

vitrina: glass + like (+ see *vitreus*). cf. *Trias vitrina*. syn. *T. nasuta*.

vitta (sing.), *vittae* (pl.): descwd., used in combwds.: a band; fillet; headband. Listed as orig. used by ancient Greeks and Romans as a symbolic decoration, or honorary. For us: a band, or stripe. + See *vittate*.

vittariaefolia: see *vitta*, *vittate* +-are: having, etc. + leaf. May also ref. to *Vittaria* Sm.: a genus of epiphytes (family, *Vittariaceae*, not orchids), for some superficial likeness (?). cf. *Pleurothallis vittariaefolia*. syn. *Pleurothallis glandulosa*.

vittariifolia: see *vittariaefolia*. cf. *Maxillaria vittariifolia*.

vittata: see *vittate*. cf. *Pterostylis vittata*. Noted as endemic to sthn. Aust.

vittate: ref. *vittatus*: provided with; like, or of a *vitta*, or *vittae* (see *vitta*), as: longitudinally striped, or banded.

vittatula: small stripe, or band. See *vittate* + dimin. cf. *Masdevallia vittatula*.

vittatum: as *vittate*. ex Brazil, cf. *Phragmipedium vittatum*.

vittatus: as *vittate*. cf. *Cyclopogon vittatus*.

vittoriana: belonging to Vittoria city, Ragusa Prov., s.west Sicily, Italy. cf. *Ophrys* x *vittoriana* H.Baumann & Künkele.

vivax: having great vitality; vivacious; vigorous; thriving. cf. *Microtis pulchella* var. *vivax*. syn. *Microtis arenaria*.

vividus: lively, + a descwd., used on its own, or when with colours: very bright; vivid.

vivipara: as *viviparum*. cf. *Lepanthes vivipara*.

viviparum: *vivi*:- vivid + *-parum*: not very. Perhaps not as “pretty” as was hoped (?). Or, can be the one word, ref. *viviparus*: bearing live offspring, or young (which applies to the example). ie. Of vegetative propagation: having gemmae, “suckers”, aerial growths, or keikis, etc. cf. *Epidendrum viviparum*.

viz.: anglicized abbr. of Latin, *videlicet*: that is to say. Often used in discussions, for: namely; that is to say.

vizanensis: for place name (from Vizan?), only listed as ex Switzerland. cf. x *Nigribicchia vizanensis* Gsell 1936 (syn., “correct name”, not given).

vogatsica: for place name (+ of), probably a contraction of Vogatsikón (village), Kastoria, Western Macedonia, Greece. cf. *Ophrys* x *vogatsica* B. & E. Willing 1986.

vogelii: listed for phytologist and author, Eduard Ferdinand de Vogel [+ of] (b1942). ex Brazil, cf. *Phymatidium vogelii* Pabst 1972.

vogtiana: listed for phytologist and author, Robert M. Vogt [+ belonging to] (b1957). ex Turkey, cf. *Dactylorhiza* x *vogtiana* H. Baumann 1983.

volador: haven’t any precedent and the only ref. I have is to Spanish, *volador*: flying; a flying fish. + Fig. can be: swift. Perhaps an organ, part, or a group was likened to the fish, or it may be fugacious (?). ex Ecuador, cf. *Lepanthes volador* Luer & Hirtz 1996.

volans: lit., flying. cf. *Pleurothallis volans*.

volcanica: listed for place name: belonging to Volcán de Chiriqui, highest mtn. of Panama. cf. *Pleurothallis volcanica* Luer 1977.

volkensiana: belonging to Volkens, see *volkensis*. ex Africa, cf. *Bonatea volkensiana* (Kraenzl.) Rolfe 1898.

volkensianus: as *volkensiana*. ex Africa, cf. *Peristylus volkensianus* (Kraenzl.) Rolfe. syn. *Habenaria petitiiana*.

volkensii: of Volkens. Listed for botanist and author, Georg Ludwig August Volkens (1855-1917). ex the Caroline Islands, cf. *Bulbophyllum volkensii* Schltr. 1914.

vollmannii: of Vollmann. May be for a person's name, but also from the given location could ref. to *Vollmannsdorf* (: Vollmann's village), a town of Bavaria, Germany (?). cf. x *Dactylodenia vollmannii* (M.Schulze) Peitz 1972.

volsella: had many strange ideas for this and then noted it can also be spelt as *vulsella*, lit.: pincers; tweezers. cf. *Lepanthes volsella*.

volubile: as *volubilis*. cf. *Cyrtorchilum volubile*.

volubilis: a rolling; convolution; twining. cf. *Basiphyllaea volubilis*.

volucres: flying; rapid. + Ref. *volucris*: a bird, or flying creature. cf. *Epidendrum volucres*. syn. *Oeonia volucris*. Of interest, see *Oeonia*.

volucrine: an English adaption, ref. *volucris* + *-ina*: of, or relative to a bird, or birds. + Ref. a more common word, see *avian*.

volucris: as *volucres*. Listed as a fanciful allusion to the column and lateral lobes, to a bird in flight. cf. *Oberonia volucris*.

volute: ref. *voluta*: coil; spiral. A roll; coil; loosely rolled, like a scroll.

volutum: ref. *volutus*: rolled up, etc., see *volute*. cf. *Epidendrum volutum*.

volvox: ref. *volvare*: to roll; turn around. Possibly because the raceme is so long and slender that it is often rolled up and turned upon itself. cf. *Oncidium volvox*.

vomeracea: ref. *vomer*, *vomeris*: ploughshare + *-acea*: like, etc. cf. *Serapias vomeracea*.

vomeraceum: as *vomeracea*. cf. *Serapiastrum vomeraceum*. syn. *Serapias vomeracea*.

vomeriforme: ploughshare (plowshare) + shape; form. cf. *Homalopetalum vomeriforme*.

vomeriformis: as *vomeriforme*. cf. *Brassavola vomeriformis*. syn. *Homalopetalum vomeriforme*.

vomeris: ploughshare (plowshare). cf. *Masdevallia vomeris*.

vondrozensis: from Vondrozo, a town of s.east Madagascar. cf. *Aerangis fastuosa* var. *vondrozensis* H.Perrier.

vonroemeri: see *Vonroemeria*. ex New Guinea, cf. *Dendrobium vonroemeri* J.J.Sm. 1910.

Vonroemeria: J.J.Sm. 1910. Listed for L.S.A.M. von Roemer (+ see *vanroemeri*), botanist, naturalist and Medical Officer with the Royal Dutch Navy. Was with the second Lorentz (see *lorentziana*) Expedition to Mt. Wilhelmina, Papua, Indon. 1909-'10. eg. *Vonroemeria tenuis*. syn. *Octarrhena tenuis*.

voodoo: a quasi-religious cult of superstition, sorcery, witchcraft and black magic. Probably, simply because it's weird and comes from Haiti, where voodoo is an extremely strong belief. cf. *Lepanthes voodoo* Tremblay & Ackerman 2001.

vorator: lit., devourer. cf. *Pleurothallis vorator*.

vossii: for botanist and author, Andreas Voss (1857-1924). ex n.east USA., cf. *Platanthera* x *vossii* F.W.Case 1983.

vreelandii: listed for orig. coll., F.K. Vreeland (+ of), ex Colorado state, USA. cf. *Corallorrhiza striata* var. *vreelandii* (Rydb.) L.O. Williams 1934.

vrieseana: listed for botanist and author, Willem Hendrik de Vriese (1806-1862). ex Thai., etc., cf. *Eria vrieseana* Rchb.f. 1858. syn. *Trichotosia pauciflora*.

vriesii: listed for botanist and author, Hugo de Vries (1848-1935). ex Borneo, cf. *Pteroceras vriesii* (Ridl.) Garay 1972.

Vrydagzenia: Blume ex Schltr.1914. see *Vrydagzynea*. syn. *Vrydagzynea*.

Vrydagzynea: Blume 1858. Listed for Dutch chemist and author, Theodore Daniel Vrydag Zynen, who specialised in plants of medicinal value. ex India to New Guinea, eg. *Vrydagzynea albida*.

vrydagzynoides: see *Vrydagzynea* + resembling. cf. *Erythroides vrydagzynoides* Ames 1915.

vulcani: of Vulcan (for the Roman god of fire ?), or for a place name. Listed as ex Venezuela, Colombia, Ecuador and Peru, where there are many places having a name to do with a volcano (*volcán*). cf. *Stelis vulcani* Rchb.f.1878.

vulcanica: cf. *Polystachya vulcanica* Kraenzl.1908, ex Zaire, Africa. Could be: for Vulcan: the Roman god of fire, or has some conical part(s): volcano-shaped (?). But, most likely, the plant was found in the Virunga Mtns., bordering Rwanda and Congo (DRC.). The region is noted for its active and dormant volcanoes (+-ica: belonging to). In recent times, the area is also famous for the mountain gorillas who live there. + See next entry.

vulcanica: volcano + belonging to. Another entry as this one is listed as ex Tungurahua Prov., Ecuador and has to ref. to Volcán Tungurahua (a volcano). cf. *Maxillaria vulcanica* F.Lehm.& Kraenzl.1899.

vulcanicola: volcano + resident; dweller. Listed as ex Nicaragua, possibly refs. to Volcán Masaya N.Park (a dormant volcano), a popular tourist destination. cf. *Epidendrum vulcanicola* A.H.Heller 1968.

vulcanicum: volcano + belonging to. ex Colombia, cf. *Epidendrum vulcanicum* Schltr.1924.

vulcanicus: volcano + belonging to. cf. *Acianthus vulcanicus* Schodde 1968, ex Bougainville Island, PNG. (the whole region is actively volcanic, so this was an easy one). syn. *Pantlingia vulcanica*.

vulcanorum: for Vulcan (Roman god of fire), or volcano (?) + of, belonging to. ex Nthn. Madagascar, cf. *Bulbophyllum vulcanorum*.

vulgaris: descwd., lit.: of the common people. Common, as not outstanding; ordinary, etc.

vulgaris: see last entry. cf. *Caladenia vulgaris*. Noted as endemic to Sth.Aust.

vulgata: ref. *vulgatus*, lit.: to make commonly public. + Can be the same as *vulgaris*. cf. *Caladenia vulgata*. Noted as endemic to West.Aust.

vulgatum: as *vulgata*. cf. *Calonema vulgatum*. syn. *Caladenia vulgata*.

vulnerarium: ref. *vulnero*: injure; wound; hurt + see -are (: wounded; injured). cf. *Stenorrhynchos vulnerarium* (syn.).

vulpina: ref. *vulpinus*: of foxes; fox-like. Ref. *vulpis*: fox + see -ina. May be for the colour: a reddish-brown, or alluding to its hairiness. Both are applicable, as the description refs. to the bracts, peduncle, ovary and sepals, as: *rufopilosa* (ref. *rufus*: brownish-red + see pilose: softly hairy, etc.). cf. *Eria vulpina*.

vulpine: see *vulpina*. An English adaption: of, or relative to a fox. + Can mean: crafty; cunning.

vulturiceps: vulture (the bird) + head. Possibly for the flower shape, likened to the head of a vulture. cf. *Zootrophion vulturiceps*.

vutimenaense: for place name (+ from), only listed as ex Vanuatu. cf. *Bulbophyllum vutimenaense* B.A.Lewis 1992.

vuylstekeanum: listed for noted grower, M.Vuylsteke (+ belonging to) of Ghent, Belgium, first to flower it. ex Colombia, cf. *Odontoglossum* x *vuylstekeanum* Rchb.f.1884.

x *Vuylstekeara*: auct.: see *vuylstekeanum*. On the syn. list, the result of *Cochloda* x *Miltonia* x *Odontoglossum*.

wadsworthii: listed for orig.coll., Ken Wadsworth (+ of). cf. *Bulbophyllum wadsworthii* Dockrill 1964. Noted as endemic to Old., Aust.

wageneri: of Wagener, see *wageneriana*. ex Venezuela, cf. *Cattleya wageneri* Rchb.f. 1854. syn. *C. mossiae*.

wageneriana: belonging to Wagener. For orig.coll., Hermann Wagener, who collected in Venezuela, etc., cf. *Pleurothallis wageneriana* Klotzsch 1852.

wahlenbergii: for botanist, naturalist and author, Georg (Göran?) Wahlenberg (1780-1851). Descs. accr. to him are abbr. to: Wahlenb. cf. *Gymnadenia wahlenbergii* Afzel. ex Rchb.f. 1851. syn. *G. conopsea*.

Wailesia: Lindley 1849. Listed for George Wailes (+ of), noted grower and amateur botanist of Newcastle-on-Tyne, Eng. ex Borneo, etc., eg. *Wailesia picta*. syn. *Dipodium pictum*.

Wailesia: as last entry. = *Dipodium* section.

wailesiana: belonging to Wailes, see *Wailesia*. ex Brazil, cf. *Cochleanthes wailesiana* (Lindley) R.E. Schult. & Garay 1959.

wailesianum: as *wailesiana*. cf. *Zygopetalum wailesianum*. (Lindl.) Rchb.f. 1863. syn. *Cochleanthes wailesiana*.

wailesii: of Wailes, see *Wailesia*. ex the central Americas, cf. *Catasetum wailesii* Hook. 1842. syn. *C. integerrimum*.

waitziana: listed for botanist, Friedrich August Carl Waitz [+ belonging to] (1798-1882). ex Java, cf. *Goodyera waitziana* Blume 1858. syn. *Goodyera novembris*.

waitzianum: as *waitziana*. cf. *Orchiodes waitzianum* (Blume) Kuntze 1891. syn. *Goodyera novembris*.

wakatinense: from Wakatin (village), of sthn. Buru Island, Maluku group, Indon. cf. *Taeniophyllum wakatinense* J.J. Sm. 1928.

wakefieldii: of Wakefield. Listed for phytologist Norman Arthur Wakefield (1916-1972). Descs. accr. to him are abbr. to: Wakef. ex sthn. Africa, cf. *Solenangis wakefieldii* (Rolfe) P.J. Cribb & J. Stewart 1985.

wakoi: of Wako, a coastal village of s. west New Britain (islands), PNG. cf. *Bulbophyllum wakoi* Howcroft 1999. + Of interest, see *howcroftii*.

walakkadensis: for place name (+ from), listed as ex Kerala state, s. west India. cf. *Liparis walakkadensis* M. Kumar & Sequiera 1999.

walkeri: of Walker. Refs. differ, as to whether it's for J.W., or T.G. Walker (?), a phytologist and author. ex Sri Lanka, cf. *Thrixspermum walkeri* Seidenf. & Ormerod 1995.

walkeriana: belonging to Walker. Noted the orig.coll. (see *gardneri*), named it for his friend and colleague, Edward Walker. ex Brazil, cf. *Cattleya walkeriana* Gardner 1843.

walkerianum: belonging to Walker. Listed for orig.coll., Edward Walker (+ see *walkeriana*). cf. *Epidendrum walkerianum* Rchb.f. syn. *Cattleya walkeriana*.

walkerianus: listed for orig.coll., Edward Walker (+ belonging to). ex India, cf. *Sarcanthus walkerianus* Wight 1851. syn. *Robiquetia rosea*.

wallaceana: belonging to Wallace. For botanist and author, Alfred Russel Wallace (1823-1913). cf. *Trichotosia wallaceana* Kraenzl.1910. syn. *Dendrobium angustipetalum*.

walleri: listed for orig.coll., botanist and naturalist, Floyd R.Waller (+ of). ex sthn. Africa, cf. *Disa walleri* Rchb.f.1881.

wallichiana: see *wallichii*. cf. *Coelogyne wallichiana* Lindley 1830. syn. *Pleione praecox*.

wallichii: of Wallich. Listed for orig.coll., Nathaniel Wallich (1786-1854), a Danish surgeon, botanist and author who collected widely in India and SE.Asia. For 26yrs. was Superintendent of the Calcutta Bot. Gardens, India (1815-'41). Noted, one major ref. says he also wrote under the *nom de plume* of Nathan Wolf. ex Thailand, cf. *Dilochia wallichii* Lindley 1830.

wallisii: for Gustav Wallis (+ of), born Hanover, Germany (1830-1878), a mercenary who discovered many notable species. Was employed by Mon.Jean Linden* and collected in Brazil, then Veitch & Sons* hired him to go to the Philipp. In 1872, he returned to Colombia and died in Venezuela. Noted as monotypic, of Panama to Ecuador, cf. *Neomoorea wallisii* (Rchb.f.) Schltr.1924. *(See *lindenii* + see *veitchii*).

walravensiana: listed for phytologist H.Walraven[s?] (+ belonging to). ex Greece, cf. *Serapias x walravensiana* P.Delforge 1997.

walravensiorum: as *walravensiana*. cf. *Ophrys x walravensiorum* P.Delforge. Only listed among the synonyms, without "correct name", etc.

walteri: listed for botanist Thomas Walter (1740-1769). ex New Jersey to Texas, USA., cf. *Spiranthes graminea* var. *walteri* A.Gray. syn. *S. praecox*.

walteri: listed for the given name (+ of) of orig.coll., Walter Teague (more, see *teaguei*). ex Costa Rica, cf. *Masdevallia walteri* Luer 1979.

waluewa: see *Waluewa*. cf. *Oncidium waluewa* Rolfe. syn. *Leochilus pulchellus*.

Waluewa: Regel 1890. listed for Graf (: Count, or Earl) P.A.Walujew (+ of), who appointed Regel (see *regeliana*) as Director of the Botanic Gardens in Berlin, Germany. syn. *Leochilus* Knowles & Westc.

wangii: listed for phytologist and author, Fa-Tsuan Wang (b1929). ex Yunnan, China, cf. *Holcoglossum wangii* Christenson 1998.

wangkaense: listed for place name: from Wangka, Thailand. cf. *Bulbophyllum wangkaense* Seidenf.1979.

wanosa: a clever acronym. Listed to be from the initials of (the) West Australian Native Orchid Study (& Conservation Group). cf. *Caladenia wanosa* A.S.George 1984. Noted as found near the town of Irwin, s.west of Geraldton and is endemic to West.Aust.

wanosus: as *wanosa*. cf. *Phlebochilus wanosus*. syn. *Caladenia wanosa*.

wappeana: for place name (+ belonging to), only listed as ex New Guinea (probably, Papua, Indon.?). cf. *Malaxis wappeana* (J.J.Sm.) P.F.Hunt 1970.

wappeanum: as *wappeana*. cf. *Crepidium wappeanum* (J.J.Sm.) Szlach.1995. syn. *Malaxis wappeana*.

warapussae: for place name, only listed as ex New Guinea. As it was named by Dr.Schlechter, it's most likely to be from the New Guinea side of PNG. cf. *Malaxis warapussae* (Schltr.) P.F.Hunt 1970.

warburgana: as *warburgiana*. ex the Philipp., cf. *Habenaria warburgana* Kraenzl.1898.

warburgiana: see *warburgii* (+ belonging to). Noted as ex the Philipp., cf. *Eulophia warburgiana* Kraenzl. Only listed among the synonyms, without “correct name”, etc.

warburgianum: as *warburgiana*. ex PNG., cf. *Dendrobium warburgianum* Kraenzl.1891. syn. *Dendrobium lawesii*. Pers.coll., see *lawesii*.

warburgianus: as *warburgiana*, see *warburgii*. ex Asia (China to New Guinea), cf. *Peristylus warburgianus* Kraenzl.1898. syn. *P. goodyeroides*.

warburgii: listed for orig.coll., German botanist and author, Otto Warburg (1859-1938). Noted he collected in the Philipp., Africa and was in German New Guinea (PNG.) c1889. Descs. accr. to him are abbr. to: Warb. ex trop. Africa, cf. *Eulophia warburgii* Schltr.1903. syn. *Eulophia malangana*.

wardianum: belonging to Ward. Listed for noted grower, Dr.T.Ward of Southhampton, Eng., first to flower it. ex Myanmar, cf. *Dendrobium wardianum* R.Warner 1863.

wardii: listed for orig.coll., botanist, naturalist and famous explorer Captain Francis (Frank) Kingdon Ward (1885-1958). Explored and collected widely in China, India, Thai., Burma, etc. cf. *Paphiopedilum wardii* Summerh.1932.

wariana: belonging to the Waria River area, near Morobe, east coast PNG. cf. *Cadetia wariana* Schltr.1913. syn. *C. funiformis*.

warianum: as *wariana*. cf. *Dendrobium warianum* Schltr.1912. syn. *D. sylvanum*. Pers. coll., common ex PM.PNG.

warianus: as *wariana*. cf. *Podochilus warianus* Schltr.

wariensis: see *wariana* (with different suffix: from). cf. *Vanilla wariensis* Schltr.1911.

Warmingia: Rchb.f.1881: of Prof. Johannes Eugen Bülow Warming MLS (1841-1924). Phytologist and founder of the science of Plant Ecology. Descs. accr. to him are abbr. to: Warm. ex Brazil to Argentina, eg. *Warmingia eugenii* Rchb.f.1881.

warmingianum: see *Warmingia* (+ belonging to). ex Minas Gerais state, Brazil, cf. *Bulbophyllum warmingianum* Cogn.1902.

warmingii: see *Warmingia*. ex Minas Gerais, Brazil, cf. *Octomeria warmingii* Rchb.f.1881.

warneri: listed for botanist and author, Robert Warner [+ of] (1814-1896) of Broomfield, Eng., first to flower it. + He was co-author (with B.S.Williams, see *williamsianum*) of the famous “Orchid Album” (in 11 volumes, 1832-'97). ex Brazil, cf. *Cattleya warneri* T.Moore ex R.Warner 1862.

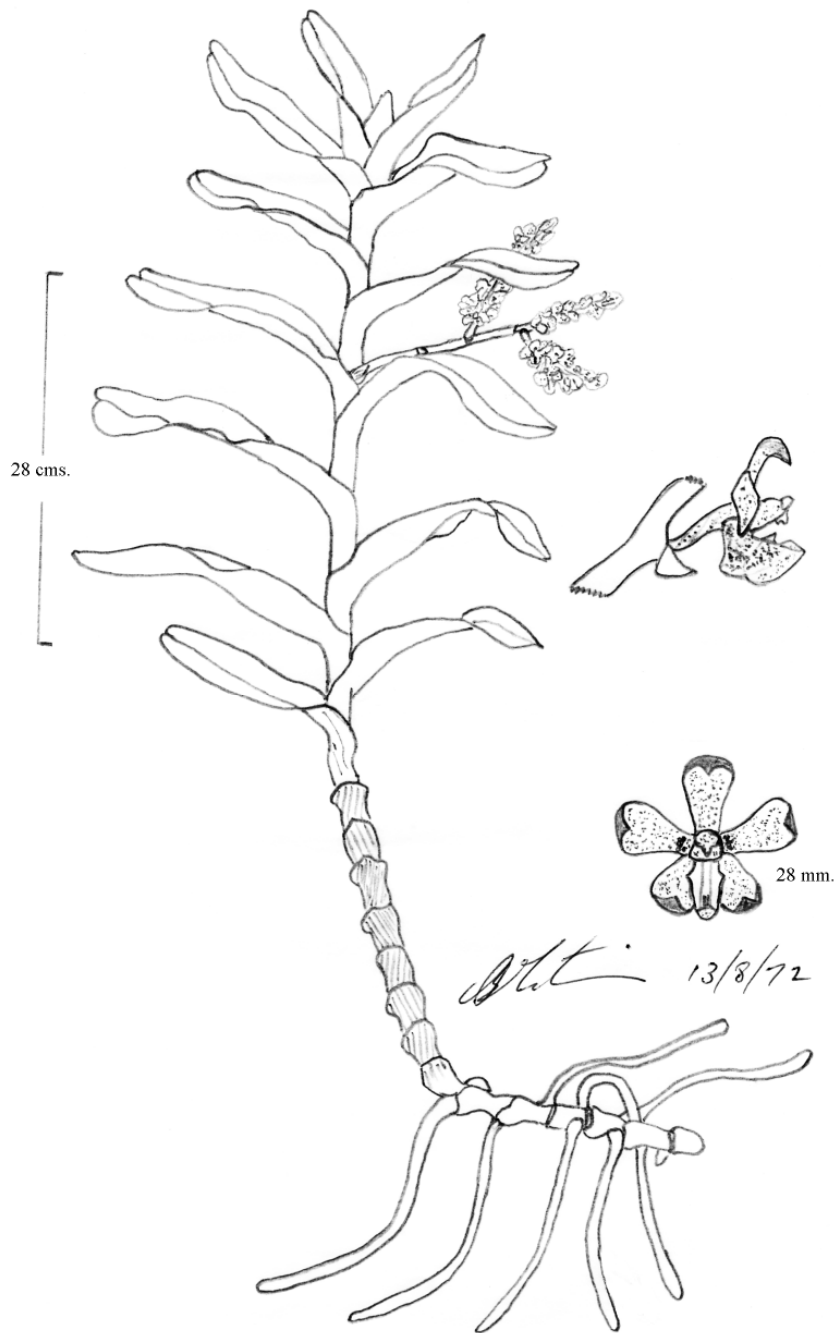
warnerianum: see *warneri*. ex Thai. to Sumatra, cf. *Cypripedium warnerianum* Rchb.f. ex Wittm. syn. *Paphiopedilum barbatum*.

warnhamiense: from Warnham, a town of West Sussex, Eng. For where it was flowered in cultivation (?).

warnockii: listed for orig.coll.(1937), phytologist Barton Holland Warnock [+ of] (b1911), of Texas, USA.. Descs. accr. to him are abbr. to: Warn. cf. *Hexalectris warnockii* Ames & Correll 1943.

warocqueana: listed for (Belgian) M.Warocque (+ belonging to), noted horticulturist and grower. cf. *Sarcanthopsis warocqueana* (Rolfe) Garay 1972. Pers.coll., not uncommon ex PM.PNG., see sketch and notes.

Sarcanthopsis warocqueana (Rolfe) Garay.



Initially I was told this one was called *Vandopsis warocqueana*, which is now synonymous to the above "correct name". Also, according to an official list, it's only supposed to have been found in New Guinea, the eastn. side of PNG.

My sketch is of a relatively small piece, about a metre long and the flower is shown as natural size. This was among the many that I wanted to know just what do all of those long-winded scientific names mean? and c35yrs. later, at last, now I know.

Quite common ex PM.PNG., I first found it at Hombrom's Bluff, cFeb.'72, an amazing liana-like species which frequents conglomerate rock outcroppings. Rambling prostrate across the rocks that can be too hot to touch at midday and with a length of up to 10m.(30ft.), is not unusual. They have a curious trait, in that a side branch develops from the main stem, grows a little away from it, then stands straight up, about 1-2m.(3-6ft.) high, then flowering merrily for many weeks (giving itself height for better seed dispersal?). Eventually it gets top heavy, bends down and starts crawling again.

The flowers, on a panicle inflorescence, are very fleshy and last many weeks. They are a dirty cream, heavily dusted with brownish-pink spots and dots (see maculate) and are about 28mms.(a bit over 1") across.

I recall being very excited when I first found it, as how could this monstrous tangled mess possibly be an orchid! Had to inch my way through a lot to get the piece shown and you'd need many large truck-loads to take that one single population.

Of interest, in very close proximity to this mess were quite a few *Renanthera edelfeldtii*, and other species, like *Coelogyne asperata*, etc.

warocqueanum: as *warocqueana*. ex Colombia, cf. *Odontoglossum warocqueanum* Linden & L.Linden 1888. syn. *O. crispum*.

Warrea: Lindley 1843. Listed for orig.coll., Frederick Warre (+ of). ex Brazil. eg. *Warrea bidentata*.

warreana: belonging to Warre, see *Warrea*. cf. *Warrea warreana* (Lodd.ex Lindl.) C.Schweinf.1955.

Warreella: Schltr.1914: see *Warrea* + dimin., or respectful suffix (?). ex Colombia to Venezuela, eg. *Warreella cyanea*.

Warreopsis.: Garay 1973: see *Warrea* + appearance. ex Panama, eg. *Warreopsis parviflora*.

Warscewicz: a separate entry, as I have seen many different spellings of this famous man's name. Lithuanian phytologist, Josef Ritter von Rawicz Warscewicz (1812-1866) + many refs. just note his name as: Josef von Warscewicz (?) and descs. accr. to him are abbr. to: Warsz. He collected widely in Panama, Guatemala, Ecuador, Peru and Bolivia during 1844-'53. Illness forced his return to Europe where he became Supervisor of the Cracow Bot. Garden, Poland. One major ref. noted his name is pronounced: "Varshevich" (much better, than my attempts). Some examples:-

Clowesia warszewiczii. *Warszewitzia*. syn. *Catasetum*.

Epidendrum warszewiczii. *Warszewiczella*. syn. *Chondrorhyncha*.

Cypripedium warszewiczianum. syn. *Phragmipedium caudatum*.

warwarensis: from Warwara (: Varvara). Noted two towns of this name in Bulgaria, one in the s.east of the state, the other of the Rhodope Mountains. cf. *Ophrys x warwarensis* H.Baumann & Künkele.

wassellii: for the orig.coll., J.L.Wassell (+ of). cf. *Robiquetia wassellii* Dockrill 1967. Listed as endemic to nth. Qld., Aust. + See next entry.

wasseltii: reported as a misunderstanding, for the orig.coll. J.L.Wassell. cf. *Dendrobium wasseltii* S.T.Blake 1963 (this is the official listing, so it's the "correct name"). Noted as endemic to nth. Qld., Aust.

waterhousei: listed for the Rev.A.J.H.L.Waterhouse, a Methodist missionary who collected mainly from the islands of Bougainville (PNG.) and New Georgia (Solomons group). cf. *Dendrobium waterhousei* Carr 1934. syn. *D. punamense*.

watering: one of the biggest killers of all cultivated plants is over-watering. Many species (remember I'm talking about "bushies") can come from areas that have dramatic seasons, like being drowned for say, four months and then hardly seeing a drop of rain for the rest of the year. So it's essential to know each individual's requirements.

wattianum: listed for noted grower, T.Rossiter Watt of Chiselhurst, Eng. ex Colombia (?), cf. *Odontoglossum x wattianum* Rolfe. Only listed among the synonyms, without date, location, or "correct name".

wattii: of Watt. Listed for botanist and author, David Allan Poe Watt (1830-1917). ex Thailand, cf. *Dendrobium wattii* (Hook.f.) Rchb.f.1888.

wattsii: was listed for orig.coll., botanist William Walter Watts [Wutts?] (1856-1920). cf. *Bulbophyllum aurantiacum* var. *wattsii* F.M.Bailey 1913. syn. *B. schillerianum*. Noted as endemic to nth. Qld., Aust. Took this info. from a book (of which one, I have no idea, so I have no way to double-check, and/or perhaps it's my error?) and the official listing is *B. aurantiacum* var. *wuttsii* (with the same refs.).

watuwilensis: for place name (+ from), listed as ex Sulawesi, Philipp. cf. *Oberonia watuwilensis* J.J.Sm.1933.

waughense: listed for place name, locally known as "Waugh's Pocket", (a mountain feature) near Cairns. cf. *Bulbophyllum waughense* Rupp 1951. syn. *Bulbophyllum bowkettiae*. Noted as endemic to nth. Qld., Aust.

wawrae: of Wawra. Listed for botanist, naturalist and author, Heinrich Wawra von Fernsee (1831-1887). One major ref. gave his name as Heinrich R.von Fernsee Wawra (?). ex Brazil, cf. *Campylocentrum wawrae* (Rchb.f. ex Beck) Rolfe 1903.

wawraeana: belonging to Wawra, see *wawrae*. ex Brazil, cf. *Pleurothallis wawraeana* Barb.Rodr.1881.

weberbaueranum: belonging to Weberbauer, see *weberbaueriana*. ex Peru, cf. *Otoglossum weberbaueranum* (Kraenzl.) Garay & Dunst.1976.

weberbaueri: as *weberbaueriana*. ex Peru, cf. *Myrosmodes weberbaueri* (Schltr.) C.A.Vargas 1995.

weberbaueriana: belonging to Weberbauer. Listed for botanist, August Weberbauer (1871-1948). Descs. accr. to him are abbr. to: A.Weberb. ex Malawi, Africa, cf. *Malaxis weberbaueriana* (Kraenzl.) Summerh.1934. + See next entry.

weberbauerianum: as *weberbaueriana*. Another entry as this one is ex **Peru**, cf. *Bulbophyllum weberbauerianum* Kraenzl.1905.

weberi: of Weber. Listed for orig.coll., botanist, naturalist and author, Frederic Albert Constanin Weber (1830-1903). ex Luzon, Philipp., cf. *Erythroides weberi* Ames.

weddelii: of Weddell. Listed for botanist and author, Hugh Algernon Weddell (1819-1877). Descs. accr. to him are abbr. to: Wedd. ex Brazil, cf. *Bulbophyllum weddellii* (Lindley) Rchb.f.1861.

weddelliana: belonging to Weddell, see *weddelii*. ex Bolivia, cf. *Pleurothallis weddelliana* Rchb.f.1878.

weddellii: see *weddelii*. ex Bolivia, cf. *Oncidium weddellii* Lindley 1855.

weinthalii: listed for orig.coll., Frederick (Ferdinand?) August Weinthal. cf. *Bulbophyllum weinthalii* R.S.Rogers 1933. Noted as endemic to eastn. Aust.

weirii: listed for orig.coll., J.Weir (+ of). ex Colombia, cf. *Cyrtorchilum weirii* (Rchb.f.) Dalström 2001.

weixiense: from Weixi, a minor city of Yunnan Prov., China. cf. *Holcoglossum weixiense* X.H.Jin & S.C.Chen 2003.

welwitschii: listed for orig.coll., Austrian phytologist, Friedrich Martin Josef Welwitsch M.D.[+ of] (1806-1872). Was Director of the Lisbon Bot. Garden, Portugal. In 1852 went to Angola, Africa for nearly 10yrs., becoming an authority on the flora of the region. Descs. accr. to him are abbr. to: Welw. ex Angola, cf. *Satyrium welwitschii* Rchb.f.1865.

wendlandiana: belonging to Wendland. Listed for orig.coll., Hermann A.Wendland (1825-1903). Descs. accr. to him are abbr. to: H.Wendl. ex Brazil c1877, cf. *Bifrenaria wendlandiana* (Kraenzl.) Cogn. Also noted, *Masdevallia wendlandiana* Rchb.f.1877 ex Colombia and (in a book) it was attributed to Dr.Wendland, Director of the Berggarten of Herrenhausen, Hanover, Germany (with no further info., same man?).

wendlandianum: as *wendlandiana*. ex Mexico, cf. *Epidendrum wendlandianum* Kraenzl.1893. syn. *Prosthechea pastoris*.

wendlandii: of Wendland. Listed for orig.coll., see *wendlandiana*. ex Guatemala, cf. *Meiracyllium wendlandii* Rchb.f.1866.

wendlandorum: see *wendlandiana*. ex the Himalayas to Malesia, cf. *Cleisostoma wendlandorum* Rchb.f.1856. syn. *Pomatocalpa spicatum*.

wendtii: listed for phytologist and author, Thomas Leighton Wendt (b1950). ex Oaxaca state, Mexico, cf. *Epidendrum wendtii* Hágsater & Salazar 1999.

wenshanense: from Wenshan, a town of s.east Yunnan Prov., China. cf. *Cymbidium wenshanense* Y.S.Wu & F.Y.Liu.

wenshanensis: as *wenshanense*. cf. *Phaius wenshanensis* F.Y.Liu 1991.

wenshanica: belonging to Wenshan, see *wenshanense*. cf. *Pholidota wenshanica* S.C.Chen & Z.H.Tsi 1988.

wentianum: listed for botanist, Friedrich August Ferdinand Christian Went (1863-1935). ex New Guinea, cf. *Dendrobium wentianum* J.J.Sm.1911.

wentworthianum: belonging to Wentworth. Listed for Earl Fitzwilliam of Wentworth, Eng. ex Mexico, cf. *Oncidium wentworthianum* Bateman ex Lindley 1840.

wenzelii: of Wenzel. For orig.coll., botanist C.A.Wenzel (+ of). ex Leyte area, Philipp., cf. *Trichoglottis wenzelii* Ames 1914. syn. *T. geminata*.

weragamaensis: from Weragama. Listed as ex sthn. central Sri Lanka. Noted three villages, of this name, in the region. cf. *Oberonia weragamaensis* Jayaw. 1963.

wercklei: listed for orig.coll., botanist Carl Werckle (1860-1924). ex Mexico to Ecuador, cf. *Pleurothallis wercklei* Schltr. 1911. syn. *Pleurothallis segoviensis*.

werffii: listed for botanist and author, Henk van der Werff (+ of). ex Ecuador, cf. *Cranichis werffii* Garay 1978.

wercklei: see *wercklei*. ex Costa Rica, cf. *Stelis wercklei* Schltr. 1923.

wernerii: listed for orig.coll., botanist E.Werner (+ of). cf. *Liparis wernerii* Schltr. 1911. ex Gelu Peak and noted as endemic to PNG.

wettsteiniana: listed for Prof. D.von Wettstein (+ belonging to) of the Vienna Bot. Garden. ex Burma (Myanmar), cf. *Coelogyne wettsteiniana* Schltr. 1920. syn. *C. trinervis*. + See next entry.

wettsteiniana: belonging to Wettstein. Listed for botanist and author, Richard von Wettstein von Westershiem (1863-1931). ex Austria, cf. *Gymnadenia x wettsteiniana* (Asch.& Graebn.) Abel 1897.

wettsteinii: as *wettsteiniana*. ex Italy to Turkey, cf. *Serapias wettsteinii* Fleischm. 1925. syn. *S. bergonii*.

whangshanensis: for place name (+ from), only listed as ex China. Noted, Wang Shan (Yü Shan, mtn. peak) of s.east Taiwan (?). cf. *Perularia whangshanensis* S.S.Chien.

wheatleyanum: listed for noted grower, F.Wheatley (+ belonging to) of Teignmouth, Eng., first to flower it. ex Brazil, cf. *Oncidium wheatleyanum* Gower 1893.

whistleri: listed for phytologist and author, W.A.Whistler*. ex Samoa, cf. *Peristylus whistleri* P.J.Cribb 1996. *Noted as co-author, with P.J.Cribb of "Orchids of Samoa" 1996.

whiteana: belonging to White, see *whitei*. cf. *Vanda whiteana* D.A.Herb.& S.T.Blake 1951. syn. *V. hindsii*. Pers.coll., fairly common ex PM.PNG., see sketch and notes at "V".

whiteanum: as *whiteana*. Noted as ex Thai. to Qld., Aust., cf. *Dendrobium whiteanum* T.E.Hunt 1951. syn. *D. stuartii*.

whiteheadii: listed for orig.coll., botanist Jack Whitehead (+ of). ex Mt.Dulangan, Mindoro, Philipp. c1896. cf. *Kuhlthasseltia whiteheadii* (Rendle) Ames 1915.

whitei: listed for phytologist, author and collector, Cyril Tenison White (1890-1950). Was the grandson of famous Aust. orchidologist, F.M.Bailey (see *baileyana*) and became an authority on the flora of New Guinea. In 1917 was Govt. Botanist & Director of the Brisbane Bot.Gardens until his death. cf. *Pterostylis whitei* F.M.Bailey 1910. syn. *P. parviflora*. Noted as endemic to eastn. Aust.

whitfordii: listed for orig.coll., H.N.Whitford (+ of), who collected in the Philipp. c1904-'05. ex Lamac River, Mt.Mariveles, Luzon. cf. *Bulbophyllum whitfordii* Rolfe 1905.

whorl: a set of organs, or parts, coming from the same point and arranged in a circle (or, almost). eg. See *verticillata*. Another example, when the flower is in bud, the sepals (usually) surround the rest of the flower, in a whorl (see calyx). + See umbel, verticil.

widderi: listed for Austrian botanist, Felix Joseph Widder (1892-1974). ex Austria, etc., cf. *Gymnadenia widderi* (Teppner & E.Klein) Teppner & E.Klein 1998.

widgrenii: listed for orig.coll., botanist J.Widgren (+ of) who collected in Brazil c1841-'7. ex Minas Gerais state, cf. *Prosthechea widgrenii* (Lindley) W.E.Higgins 1998.

wiefelspuetziana: listed for Wolfgang Wiefelspütz (+ of). ex Belgium, cf. *Dactylorhiza x wiefelspuetziana* D.Tyteca 1981.

wiganianum: belonging to Wigan. May be for a person's name, but also ref. Wigan borough, west of Manchester, Eng. For where it was flowered in cultivation (?). cf. *Cypripedium x wiganianum* auct. (syn., "correct name" not given).

wigginsii: listed for botanist and author, Ira Loren Wiggins (1899-1987). ex Ecuador, cf. *Epidendrum wigginsii* Hágsater & Dodson 2001.

Wightia: Wallich. Listed for Robert Wight (1796-1872), author, phytologist and authority on the flora of India. Born, Scotland and orig. studied medicine. In 1819, went to India as Asst. Surgeon for the East India Co. and in 1826 became Superintendent of the Madras Bot.Garden.

wightiana: belonging to Wight, see *Wightia*. ex India, cf. *Oberonia wightiana* Lindley 1839.

wightianum: as *wightiana*. ex India, cf. *Saccolabium wightianum* (Lindley ex Wight) Hook.f.1890. syn. *Acampe praemorsa*.

wightianus: as *wightiana*. ex India, etc., cf. *Gastrochilus wightianus* (Lindley) Kuntze 1891. syn. *Aerides ringens*.

wightii: of Wight, see *Wightia*. ex Nilgiri Hills, India, cf. *Vanda wightii* Rchb.f.1864.

wightiorum: of, or belonging to Wight, see *Wightia*. ex India, etc., cf. *Satyrium wightiorum* Lindley. syn. *S. nepalense*.

wilckeanum: listed for R.Wilcke, valued employee of noted Belgian grower, M.D.Massange de Louvrex (see *louvrexianum*), first to flower it. ex Colombia to Venezuela, cf. *Odontoglossum x wilckeanum* Rchb.f.1880.

wildenowiana: see *willdenovii*. ex the central Americas, cf. *Dichaea wildenowiana* Kraenzl.1923. syn. *D. glauca*.

wildiana: belonging to Wild. Listed for botanist and author, Hiram Wild (1917-1982). ex Thailand, cf. *Eria wildiana* Rolfe ex Downie 1925.

wildianum: as *wildiana*. cf. *Dendrobium wildianum* (Rolfe ex Downie) T.Tang & F.T.Wang. syn. *Eria wildiana*.

willhelminae: of: Mt.Wilhelmina, Oranje Mtns., Papua, Indon. cf. *Microtatorchis wilhelminae* P.Royen 1979. Noted as endemic.

wilkianum: listed for orig.coll., J.H.Wilkie (+ belonging to). cf. *Bulbophyllum wilkianum* T.E.Hunt 1947. Noted as endemic to nth. Qld., Aust.

willdenovii: listed as Lat'd surname for botanist, Carl Ludwig von Willdenow (1765-1812). Descs. accr. to him are abbr. to: Willd. ex Canada to the USA., cf. *Epipactis willdenovii* House. syn. *Goodyera pubescens*.

williamsiana: see *williamsianum*. ex Brazil, cf. *Cattleya guttata* var. *williamsiana* Rchb.f.1884. syn. *C. tigrina*.

williamsianum: belonging to Benjamin Samuel Williams (1824-1890) FLS., FRHS., of Hertfordshire, Eng., phytologist, nurseryman and prolific author. I thoroughly enjoyed the book "The Orchid Grower's Manual" (see the Bibliography). cf. *Dendrobium williamsianum* Rchb.f.1878. Pers.coll., an old favourite, see sketch and notes.

Dendrobium williamsianum Rchb.f.



BY
12/3/72

First found it at Eilogo, then Itikinu, Subitana, etc., ex PM.PNG., not uncommon and always as solitary plants. Usually fairly easy to recognize by their very long slender stems and unmistakable when in flower. From the first time I learned its "correct name" (c1972), I always wondered, who was Mr. Williams and why does it have his name? Have since learned, originally it was discovered by Andrew Goldie, a mercenary for B.S. Williams & Co. (famous Eng. nurserymen), who sent specimens back to them, which they duly flowered, hence the *williamsianum*: Williams + belonging to.

A majestic plant, but has an unfortunate habit in the way the flowers have adapted to the pose as shown. ie. The face is almost parallel to the ground, so they are not aesthetically presented. Yet, with their colours, have seen some truly spectacular hybrids made with them. To be fully appreciated the flowers need to be level with your eyes and then you can look straight down their throats. So, it's best to have them mobile (in a pot, or on a movable slab) and when they flower you can adjust the height of the plant, to get the best impact.

The flowers av. c75mms.(3") across, are without perfume, have paler blue sepals and petals and the labellum is a rather deep purple-violet. Very beautiful and desirable.

williamsii: as *williamsianum*. ex Brazil, cf. *Epistephium williamsii* Hook.f.1864. + See next entry.

williamsii: listed for orig.coll., botanist Robert Statham Williams (1859-1945). ex Luzon, Philipp. cf. *Malaxis williamsii* Ames 1908. + See next entry.

williamsii: listed for phytologist and author, Louis Otho Williams (1908-1991). ex Ecuador, cf. *Maxillaria williamsii* Dodson 1994.

williamsonii: cf. *Dendrobium williamsonii* Day & Rchb.f.1869. Listed as ex India for Mr.Day's* nephew, John Williamson *(see *dayana*).

willingiorum: listed for phytologists B.& E.Willing (+ belonging to). cf. *Ophrys x willingiorum* H.Baumann & Künkele. Listed among the synonyms, without "correct name", etc.

wilsoniana: as *wilsonianum*. ex Brazil, cf. *Cattleya x wilsoniana* Rchb.f.1877. Listed as a natcross of *C. bicolor* x *C. intermedia*.

wilsonianum: belonging to Wilson. For noted grower, A. Wilson of Sheffield, Eng. ex the Philipp., cf. *Aerides wilsonianum* Hort.(c1885). syn. *Aerides odoratum*.

wilsoniense: from Mt. Wilson, Blue Mtns., west of Sydney. cf. *Prasophyllum wilsoniense* Rupp 1942. syn. *Genoplesium eriochilum*. Noted as endemic to NSW., Aust.

wilsonii: listed for orig.coll., Ernest Henry Wilson [+ of] (1876-1930), a mercenary for the famous Eng. firm of Veitch & Sons. Read an interesting note that an original plant is still living at the RBG., Edinburgh, Scotland. ex Yunnan Prov., China, cf. *Cymbidium wilsonii* (Rolfe ex DeCock) Rolfe 1904.

winaywaynaensis: for place name (+ from), only listed as ex Peru. cf. *Maxillaria winaywaynaensis* D.E.Benn.& Christenson 2001.

winckelii: listed for orig.coll., Dutch botanist P. Winckel (+ of). ex Java, cf. *Bulbophyllum winckelii* J.J.Sm.1918. syn. *B. hamatipes*.

windsorensis: listed for place name: from Mt. Windsor Tableland. cf. *Bulbophyllum windsorensis* B.Gray & D.L.Jones 1989. Noted as endemic to Qld., Aust.

windsorensis: as *windsorensis*. cf. *Oxysepala windsorensis* (B.Gray & D.L.Jones) D.L.Jones & M.A.Clem.2002. syn. *Bulbophyllum windsorensis*.

wing(s): for any organ, part, or a group likened to resembling a wing, esp. lobes, calli, small lateral projections, etc. Also, the angular edges of a capsule are often ref. to as "wings".

winkleri: of Winkler. Listed for botanist and author, Hans Karl Albert Winkler (1877-1945). ex Borneo, cf. *Trichoglottis winkleri* J.J.Sm.1912.

winkleriana: belonging to Winkler, see *winkleri*. ex Guangxi Prov., China, cf. *Platanthera winkleriana* Schltr.1922.

winniana: belonging to Winn. Listed for noted grower, Charles Winn of Birmingham, Eng., first to flower it. cf. *Masdevallia chimaera* var. *winniana* Rchb.f.1881.

wirtgenii: of Wirtgen. Listed for botanist and author, Ferdinand Paul Wirtgen (1848-1925). Descs. accr. to him are noted as Wirtgen f. ex westn. Europe, cf. *Orchis wirtgenii* Höppner 1916. syn. *Dactylorhiza praetermissa*.

wisselense: listed for place name: from the Wissel Lakes area, central Papua, Indon. cf. *Dendrobium wisselense* P.J.Cribb 1981.

wisselensis: as *wisselense*. cf. *Sayeria wisselensis* (P.J.Cribb) Rauschert 1983. syn. *Dendrobium wisselense*.

wisteriana : belonging to Wister. Listed for orig.coll., botanist Charles J. Wister (1782-1865). ex sthn. USA., cf. *Corallorrhiza wisteriana* Conrad 1829.

withneranum: belonging to Withner, see *withneri*. ex Jamaica, cf. *Oncidium withneranum* Moir 1968. syn. *O. pulchellum*.

x *Withnerara*: auct.: see *withneri* (+ of, belonging to). On the syn. list, the result of *Aspasia* x *Miltonia* x *Odontoglossum* x *Oncidium*.

withneri: listed for botanist and author, Carl Leslie Withner jnr.(b1918). ex Brazil, cf. *Cyrtopodium withneri* L.C.Menezes 1996.

witsenioides: refs. to a genus of the iris family, *Iridaceae* (see iris): *Witsenia* Thunb.+ resembling. cf. *Maxillaria witsenioides* Schltr.1920.

witteana: listed for R.Witte (+ belonging to), Superintendent of the Leyden Bot.Garden, The Netherlands. ex Java, etc., cf. *Malleola witteana* (Rchb.f.) J.J.Sm.& Schltr.1913.

witteanum: as *witteana*. cf. *Saccolabium witteanum* Rchb.f.1883. syn. *Malleola witteana*.

wittei: as *witteana*. ex Buenos Aries Prov., Argentina, cf. *Chloraea wittei* Hicken 1917. syn. *Gavilea patagonica* M.N.Correa 1956.

wittmackii: of Wittmack. For botanist, naturalist and author, Max Carl Ludwigg Wittmack (1839-1929). Descs. accr. to him are abbr. to: Wittm. ex trop. Africa, cf. *Angraecum wittmackii* Kraenzl.1897. syn. *Tridactyle anthomaniaca*.

wollastonii: listed for orig.coll., A.F.R.Wollaston (+ of), medical officer, entomologist, naturalist and botanist. Was with an expedition to Mt.Wilhelmina, Papua, Indon.1909-'10. cf. *Bulbophyllum wollastonii* Ridl.1916.

wolongensis: from Wolong (nature reserve), Sichuan Prov., China. cf. *Goodyera wolongensis* K.Y.Lang 1984.

wolstenholmiae: reported as first flowered by J.Day (see *dayana*) and he requested the specep. for his sister, Mrs.Wolstenholme. ex Brazil, cf. *Laelia elegans* var. *wolstenholmiae* Rchb.f.1865.

woluense: from Wolu, a central sthn. coast town of Ceram Island, Indon. cf. *Dendrobium woluense* J.J.Sm.1928.

womersleyi: cf. *Dendrobium womersleyi* T.M.Reeve 1982, listed for John Womersley. In 1946 he was Forest Botanist, Division of Botany, Lae and later became Chief of Division, until 1973. Not an orchidologist, although he had more than a passing interest and was an authority on the flora of New Guinea. He accompanied some major expeditions into the interior of the country and was a major force in the establishment of the Lae Herbarium. I had the honour and pleasure of meeting him a few times in PM.PNG. and although I was only a dumb new chum and very much in awe of his status, he was very approachable and generous with his knowledge.

woodfordii: listed for Sir Ralph Woodford (+ of), Govenor of Trinidad, West Indies, c1824. cf. *Bletia woodfordii* Hook.1827. syn. *Phaius flavus*.

woodfredensis: from Woodfred (village), Holguin Prov., n.east Cuba. cf. *Lepanthes woodfredensis* Luer 1998.

woodiana: see *woodianum*. ex the Philipp., cf. *Eria woodiana* Ames 1907.

woodianum: listed for Major-General Leonard Wood (+ belonging to). ex Mt.Halcon, Mindoro, Philipp. cf. *Dendrochilum woodianum* Ames 1908.

woodlandensis: from Woodland city, nthn. central California, USA. cf. *Limnorchis woodlandensis* Nyl.1935 (syn., "correct name" not given).

woodsii: ex the Bismarck Archipelago, eastn. PNG., cf. *Dendrobium woodsii* P.J.Cribb 1981. Noted he named it for a friend, colleague and often co-author, P.Woods.

woodsonii: listed for botanist and author, Robert Everard Woodson (1904-1963). ex Panama, cf. *Sarcoglottis woodsonii* (L.O.Williams) Garay 1982.

woollsii: listed for orig.coll., the Rev.William W.Woolls (1814-1893), a prolific author and amateur botanist. cf. *Pterostylis woollsii* Fitzg.1876. Noted as endemic to eastn. Aust.

woolwardiae: listed for Frances Woolward (+ fem. suffix: of, etc.), author, botanist and authority. Descs. accr. to her are abbr. to: Woolw. ex Ecuador (1899), cf. *Dracula woolwardiae* (F.Lehm.& Kraenzl.) Luer 1978.

wrayae: of Wray. Listed for noted grower, Mrs.D.Wray of Oakfield, Eng., first to flower it. ex Mexico, cf. *Oncidium wrayae* Hook.1841. syn. *O. graminifolium*.

wrayana: as *wrayanum*. Listed as ex Sikkim, India, cf. *Ipsea wrayana* Hook.f.1890. syn. *Mischobulbum wrayanum*.

wrayanum: belonging to Wray, see *wrayi*. cf. *Mischobulbum wrayanum* (Hook.f.) Rolfe 1912.

wrayi: listed for orig.coll., botanist L.Wray (+ of) who collected in Peninsular Malaysia, Borneo etc. c1888. cf. *Liparis wrayi* Hook.f.1890.

wredeanum: listed for botanist, Ernst Christian Conrad Wrede (+ belonging to). ex Venezuela, etc., cf. *Catasetum wredeanum*. Schltr.1915. syn. *Catasetum fimbriatum*.

wrightianus: belonging to Wright. Listed for botanist, naturalist and author, Charles (Carlos?) Wright (1811-1885). ex Cuba, cf. *Physurus wrightianus* Griseb.1866. syn. *Kreodanthus corniculatus*.

wrightii: of Wright. Listed for botanist and author, Charles Henry Wright (1864-1941). ex Panama, cf. *Maxillaria wrightii* (Schltr.) Ames & Correll 1943. syn. *M. paleata*.

wrigleyana: listed for noted grower, E.G.Wrigley (+ belonging to), of Preston, Eng. ex Brazil, cf. *Cattleya bicolor* var. *wrigleyana* Rchb.f.1885. syn. *C. bicolor*.

wulaiense: from Wulai Island(s), off nthn. central coast, Kimbe Bay, New Britain, PNG. cf. *Dendrobium wulaiense* Howcroft 1981.

wulffiana: belonging to Wulff. For phytologist and author, Eugen Vladimirowitsch Wulff (1885-1941). ex Crimea to the Caucasas, cf. *Orchis x wulffiana* Soó 1932.

Wulfschlaegelia: Rchb.f.1863. Listed for phytologist, K.Wulfschlaegel (+ of) who collected extensively in the West Indies and mainland Sth.America. Descs. accr. to him are abbr. to Wulfschl. ex Brazil, eg. *Wulfschlaegelia paranaensis*.

wulfschlaegeliana: belonging to Wulfschlaegel, see *Wulfschlaegelia*. ex Peru, etc., cf. *Notylia wulfschlaegeliana* H.Focke 1853. syn. *Macroclinium wulfschlaegelianum*.

wulfschlaegelianum: as *wulfschlaegeliana*. cf. *Macroclinium wulfschlaegelianum* (Focke) Dodson 1984.

wulfschlaegelii: see *Wulfschlaegelia*. ex Jamaica, cf. *Lepanthes wulfschlaegelii* Fawc.& Rendle 1909.

wumengense: for place name (+ from), only listed as ex n.east Yunnan Prov., China. cf. *Cypripedium wumengense* S.C.Chen 1985.

wurdackii: listed for phytologist and author, John Julius Wurdack (b1921). ex Peru, cf. *Masdevallia wurdackii* C.Schweinf.1970.

wuttsii: of Wutts (orig.coll.?). Haven't any info., except see *wattsii*.

wyattiana: belonging to Wyatt. For noted grower, G.Nevile Wyatt of Cheltenham, Eng. ex Brazil, cf. *Sophranitis x wyattiana* (Rchb.f.) Van den Berg & M.W.Chase 2001.

wyattianum: as *wyattiana*. ex Peru, cf. *Odontoglossum wyattianum* Gurney Wilson 1928.

wydleri: for botanist and author, Heinrich Wydler (1800-1883). ex the central trop. Americas, cf. *Oncidium wydleri* Rchb.f.1885. syn. *O. baueri*.

wynadensis: for place name (+ from), only listed as ex Kerala state, India. cf. *Oberonia wynadensis* Sivad.& R.T.Balakr.1990.

wyomingensis: from Wyoming state, USA. cf. *Corallorrhiza wyomingensis* Hellm.& K.Hellm.1931. syn. *Corallorrhiza trifida*.

x: the multiplication sign. Used when crosses, or hybrids are involved. See notho-, cross, etc.

x: by; written by. Sometimes seen preceding the author's name, of a book.

xantanthum: see *xanth-*+ flower. cf. *Bulbophyllum xantanthum*.

xanth-, *xantho-*: used in compwds., ref. *xanthos*, a vague colour term. One major ref. says it's simply "yellow". Another authoritative ref. (the one which I follow) lists it as a slightly paler, full yellow with a trace of brown and often described as a brownish yellow.

xantha: see *xanth-*: brownish-yellow. cf. *Caladenia xantha*. Noted as endemic to West.Aust.

xanthantha: see *xanth-*+ flower. cf. *Habenaria xanthantha* F.Muell.1869. Noted as endemic to nth. Qld., Aust.

Xanthantha: see *xanth-*+ flower.= *Lycaste* subsection.

xanthanthum: yellowy-brown + flower. cf. *Thrixspermum xanthanthum*. syn. *T. laurisilvaticum*.

xanthella: see *xanthellus*. cf. *Pleurothallis xanthella*.

xanthellum: see *xanthellus*. cf. *Dendrobium xanthellum*. syn. *D. fulgidum*.

xanthellus: a vague colour term. See *xanth-*+ dimin.: a yellow colour, listed to be like that of an egg yolk (see *vitellinus*), but paler.

xanthina: see *xanth-*+*-ina*: like, or for the colour. cf. *Promenaea xanthina*.

xanthinum: as *xanthina*. cf. *Zygopetalum xanthinum*. syn. *Promenaea xanthina*.

xanthoacron: see *xanth-*+ *acro-*: yellowy-brown + at the top. cf. *Bulbophyllum xanthoacron*.

xanthobulbum: see *xanth-*+ bulb. cf. *Bulbophyllum xanthobulbum*.

xanthocaulon: see *xanth-*+ stem; stalk. cf. *Diplocaulobium xanthocaulon*.

xanthocentron: see *xanth-*+ spur, or centre (see *centr-*). If the author hasn't mixed Gk. and Latin, it should be the former. cf. *Oncidium xanthocentron*.

xanthocheila: see *xanth-*+ lip. cf. *Eria xanthocheila*.

xanthochila: see *xanth-*+ lip. cf. *Caladenia xanthochila*. Noted as endemic to Vic., Aust.

xanthochilum: as *xanthochila*. cf. *Crepidium xanthochilum*. syn. *Malaxis xanthochila*.

xanthochlamys: see *xanth-*+ cape; cloak. Ref. the rhizome sheaths. cf. *Bulbophyllum xanthochlamys*.

xanthochlora: see *xanth-*+ green. cf. *Pleurothallis xanthochlora*.

xanthochlorum: see *xanth-*+ green. cf. *Oncidium xanthochlorum*. syn. *O. pelicanum*.

xanthochlorus: see *xanth-*+ green. cf. *Peristylus xanthochlorus*. syn. *P. densus*.

xanthocomus: see *xanth-*+ tufted (hair). cf. *Elleanthus xanthocomus*. syn. *E. longibracteatus*.

xanthocorys: see *xanth-*+ helmet; hood; cap. cf. *Masdevallia caudata* var. *xanthocorys*.

xanthodactyla: see *xanth-*+ digit; finger. cf. *Masdevallia xanthodactyla*. syn. *M. melanopus*.

xanthodon: see *xanth-*+ tooth; toothed. cf. *Cyrtorchilum xanthodon*.

xanthogenium: see *xanth-*+ kind; type, etc. cf. *Dendrobium xanthogenium*.

xanthoglossa: see *xanth-*+ tongue. cf. *Coelogyne xanthoglossa*.

xanthoglossum: see *xanth-*+ tongue. ex Colombia to Ecuador, cf. *Odontoglossum hallii* var. *xanthoglossum* Rchb.f. syn. *O. hallii*.

xanthoianthinum: ex *xanthos*, see *xanth-*+ see *ianthinus*: bluish-violet. ex Costa Rica, cf. *Epidendrum xanthoianthinum*.
xantholeuca: see *xanth-*+ see *leuc-*: white, or pale (?). cf. *Caladenia xantholeuca*. Noted as endemic to Sth.Aust.
xantholeucha: as *xantholeuca*. cf. *Flickingeria xantholeucha*.
xantholeucum: see *xanth-*+ pale. Flowers are noted in the description as: pale yellowy-brown (with no mention of white). cf. *Thrixspermum xantholeucum*.
xantholeucus: see *xanth-*+ see *leuc-*, which can be white, or pale (?). cf. *Petalochilus xantholeucus*. syn. *Caladenia xantholeuca*.
xanthomeson: see *xanth-*+ middle. Ref. centre of the lip. cf. *Dendrobium xanthomeson*.
xanthophaea see next entry. cf. *Epipactis xanthophaea*.
xanthophaeum: see *xanth-*+ see *phae-*: listed as being lit., dark brownish-yellow. In different books, one description says the flowers are pale yellowy-brown and in another, they are noted as yellow, shading to brown, but neither mentions "dark" (-*phaeum*). Some other authors say it's for the colour of beeswax (also, this is very vague, as it can be many different shades). Obviously, the flowers are variable. cf. *Dendrobium xanthophaeum*. syn. *D. austrocaledonicum*.
xanthophaeus: see *xanthophaeum*. cf. *Hapalochilus xanthophaeus*. syn. *Bulbophyllum xanthophaeum*.
xanthophlebia: see *xanth-*+ (of) veins. cf. *Callista xanthophlebia*. syn. *Dendrobium xanthophlebium*.
xanthophlebium: see *xanth-*+ veined. cf. *Dendrobium xanthophlebium*.
xanthophthalma: see *xanth-*+ ref. *ophthalmos*: eye, or see *phthalma*: dyed (?). cf. *Restrepia xanthophthalma*. syn. *Restrepia muscifera*.
xanthophyllus: see *xanth-*+ leaf. cf. *Macodes xanthophyllus*.
xanthopollinia: see *xanth-*+ see *pollinia*. cf. *Diaphananthe xanthopollinia*. syn. *Rhipidoglossum xanthopollinium*.
xanthopollinium: see *xanth-*+ see *pollinia*. cf. *Rhipidoglossum xanthopollinium*.
xanthophyllus: see *xanth-*+ leaf. cf. *Anoectochilus xanthophyllus*. syn. *A. setaceus*.
xanthorhoda: see *xanth-*+ see *rhod-* (: shades of pink to almost red). cf. *Maxillaria xanthorhoda* Schltr.
xanthornis: see *xanth-*+ ref. *ornis*: bird. cf. *Bulbophyllum xanthornis*.
xanthosia: ref. *xanthos*, see *xanth-*+ of; like, etc. cf. *Maxillaria xanthosia*.
xanthosphaerum: see *xanth-*+ (of) a sphere. Ref. the globular tips of the lateral sepals (of interest, see club). cf. *Bulbophyllum xanthosphaerum*.
xanthotes: see *xanth-*+ suffix: the feature. cf. *Bulbophyllum xanthotes*.
xanthothece: see *xanth-*+ see *theca*: case; covering, etc. Ref. the shiny yellowish leaf-sheaths. cf. *Dendrobium xanthothece*.
xanthotricha: see *xanth-*+ hair. cf. *Trichotosia xanthotricha*. Pers.coll., very common ex PM.PMG.
xanthotrophis: see *xanth-*+ ref. *trope*: a turning; change (: turning yellowy-brown ?). cf. *Laelia autumnalis* var. *xanthotrophis*. syn. *Laelia autumnalis*.
xanthum: see *xanth-*: yellowy-brown. cf. *Bulbophyllum xanthum*.

xanthura: yellowy-brown + tail (s? or, see -ura). *Masdevallia xanthura*. syn. *M. bicolor*.

xanthus: ref. *xanthos*, see *xanth-*: a vague colour term: a paler yellow with a trace of brown.

xauensis: for place name: from Xauen (: Chefchaouene), a town of Er Rif, nthn. Morocco, Africa. cf. *Orchis incarnata* var. *xauensis* Pau & Font Quer 1929. syn. *Dactylorhiza elata*.

xenantha: see *xeno-*: strange, etc.+ flower. cf. *Hetaeria xenantha*.

Xenikophyton: Garay 1974: ref. *xenikos*: foreign; strange, etc. + plant. ex India, eg. *Xenikophyton seidenfadenianum*.

xenion: listed as lit., a gift to a guest. cf. *Pleurothallis xenion*.

xeno-: used in combwds., ref. *xenos*: a stranger. Alien; odd; strange; unusual, etc.

xenos: odd, etc., see *xeno-*. cf. *Dracula xenos*.

Xenosia: Luer 2004: alien; odd, etc., see *xeno-*+ of. syn. *Pleurothallis* R.Br.

xenosum: see *xeno-*: alien, etc. Reported as found in Borneo, but was first thought to be from Africa. cf. *Bulbophyllum xenosum*.

xerampelinus: listed as an obscure colour term: a dull red with a heavy tendency to brown.

xero-: used in compwds., ref. *xeros*: dry.

Xerobium: dry + characteristic of. Is distinguished by having slender stems, hard and woody at the base (: *xero-*), rigid and not fleshy.= *Dendrobium* subgenus.

xerophila: dry + loves. Would have to, as it lives at the edge of the Great Victoria Desert. cf. *Pterostylis xerophila*. Noted as endemic to Sth.Aust.

xerophilum: dry + loves. cf. *Taeniophyllum xerophilum*.

xerophilus: dry + loves. cf. *Oligochaetochilus xerophilus*. syn. *Pterostylis xerophila*.

xerophyta: as xerophyte. cf. *Coelogyne xerophyta*. syn. *C. fimbriata*.

xerophyte: *xero-*: dry + ref. *phyton*: plant. A general term for any plant able to withstand long periods of arid conditions. Usually characterised by having thick, juicy organs and parts. + Ref. *xerophytic*: of, or to do with plants having this ability, eg. cacti, succulents, etc.

xerophytica: see *xerophyte*. cf. *Encyclia xerophytica*.

xerophyticum: *xerophytic*, see *xerophyte*. cf. *Mexipedium xerophyticum*. Noted as endemic to Oaxaca state, Mexico.

Xerorchis: Schltr.1912: dry + orchid. Enjoys a dry habitat. + See *xerophyte*. eg. *Xerorchis amazonica*.

xichangensis: from Xichang city, Sichuan Prov., China. cf. *Neofinetia xichangensis* Z.J.Liu & S.C.Chen 2004.

xichouensis: from Xichou, a town of s.east Yunnan Prov., China. cf. *Dendrobium xichouensis* S.J.Cheng & Z.Z.Tang 1984.

ximenae: listed for the given name of Ximena Londoño, info. see *londonoana*. ex Ecuador, cf. *Platystele ximenae* Luer & Hirtz 1991.

xingrenensis: for place name: from Xingren, a town of Guizhou Prov., sthn. China. cf. *Anoectochilus xingrenensis* Z.H.Tsi & X.H.Jin 2002.

xiph-, *xiphi-*, *xipho-*: used in compwds., ref. *xiphos*: sword. To do with a sword; sword-like; sword-shaped. Most often just refs. to the blade (no handle).

xipheres: with a sword. cf. *Porroglossum xipheres*. syn. *Porroglossum muscosum*.

xipheroides: (with) sword + resembling. cf. *Encyclia xipheroides*.

xiphiifolium: sword + leaf. The leaves are reported to resemble those of *Iris xiphium* (hence the *xiphii-*, + see *iris*), cf. *Cymbidium xiphiifolium*. syn. *C. ensifolium* (which also means, sword + leaf).

xiphion: small sword. By the description, it refs. to the rachis. cf. *Bulbophyllum xiphion*.

xiphiphorum: sword + bearing. Ref. crest of lateral sepals, mid-rib. cf. *Dendrobium xiphiphorum*. syn. *D. vexillarius* var. *uncinatum*. Noted as endemic to PNG.

xiphium: sword + like, or dimin.(?). cf. *Masdevallia xiphium*.

Xiphizusa: Rchb.f.1852. Had trouble finding this one! Ref. *xiphizein*: to dance. A manner of dancing; to dance with arms out and forward, as if holding a sword. Here, refs. to the mobile labellum. syn. *Bulbophyllum Thouars*.

xiphizusa: see *Xiphizusa*. cf. *Pleurothallis xiphizusa*.

xiphochila: sword + lip. cf. *Trichosalpinx xiphochila*.

xiphochilus: sword + lip. cf. *Ornithocephalus xiphochilus*. syn. *O. bicornis*.

xiphophorus: sword + bearing. cf. *Macroclinium xiphophorus*.

xiphophylla: sword + leaf. cf. *Epipactis xiphophylla*. syn. *Cephalanthera longifolia*.

Xiphophyllum: Ehrh.1789: sword + leaf. syn. *Cephalanthera* Rich.

xiphophyllum: sword + leaf. cf. *Dendrobium xiphophyllum*.

Xiphosium: Griff.1845: sword + relative to. eg. *Xiphosium acuminatum*. syn. *Eria carinata*.

Xiphosium: as last entry. = *Eria* section.

xuanenensis: from Xuan'en (village), Hubei Prov., China. cf. *Gastrochilus xuanenensis* Z.H.Tsi 1982.

xuefengensis: for place name. Was thankful it is listed as ex **sth**n. China, which eliminated others, so it's most likely: from Xuefeng, a town of Fujian Prov., China. cf. *Calanthe graciliflora* var. *xuefengensis* Z.H.Tsi 1981. syn. *Calanthe graciliflora*.

xuxaensis: for place name (+ from), listed as ex Espirito Santo state, Brazil. cf. *Encyclia xuxaensis* Fowlie & Duveen 1991. syn. *E. bragancae*.

xuxiana: see *xuxaensis* (+ different suffix: belonging to). cf. *Encyclia xuxiana* Fowlie & Duveen 1992. syn. *E. bragancae*.

xyl-, *xylo-*: used in compwds., ref. *xylon*: wood. Of, to do with, or like wood. Woody.

xylem: The vascular tissue which distributes water and nutrients, etc., from the roots. Occurs by upward capillary action (: osmosis, see this entry) to the chloroplasts, for the process of photosynthesis.

xylina: ref. *xylinos*: woody; wooden. cf. *Masdevallia xyлина*.

xylobiichilum: woody + lip, or the lip was likened to that of a *Xylobium* (? + of). cf. *Camaridium xylobiichilum*. syn. *Maxillaria elatior*.

xylobiiflora: not for two woody flowers. It is ref. *Xylobium* + flower. Noted, the flower was likened to that of a *Xylobium*. cf. *Maxillaria xylobiiflora*.

xylobioides: see *Xylobium* + resembling. cf. *Coelogyne xylobioides*. syn. *Gynoglottis cymbidioides*.

Xylobium: Lindley 1825: see *xylo-*: wood + suffix: characteristic of. ex Nicaragua, eg. *Xylobium brachypus*.

xylocarpi: woody + fruit (capsule). cf. *Bulbophyllum xylocarpi*.

xylophylla: woody + leaf. cf. *Phyllorchis xylophylla*. syn. *Bulbophyllum xylophyllum*.

xylophyllum: woody + leaf. cf. *Bulbophyllum xylophyllum*.

xylopus: woody + foot. cf. *Angraecum xylopus*.

xylostachyum: woody + spike. cf. *Epidendrum xylostachyum*.

xylosteus: descwd., *xyl-*: wood + ref. *osteon*: bone: "wood as hard as bone". Noted this whilst reading, haven't seen it used relative to orchids, but couldn't resist an entry, as it's so wonderfully descriptive.

Xyphosium: see *Xiphosium*, this may have been an error, as all refs. are the same.

xyphophyllum: sword + leaf. cf. *Cephalanthera xyphophyllum*. syn. *C. longifolia*.

xyridifolia: ref. *xyris*: wild iris + like + leaf (+ see iris). cf. *Gyrostachys xyridifolia*. syn. *Spiranthes vernalis*.

xystophylla: ref. *xystos* (+ *xystus*): scraped; polished + leaf. cf. *Erythodes xystophylla*.

xystophylloides: as *xystophylla* + resembling. It may have been compared to *Erythodes xystophylla* (? +*-oides*: resembling). cf. *Erythodes xystophylloides*.

xystophyllus: see *xystophylla*. cf. *Physurus xystophyllus*. syn. *Erythodes xystophylla*.

xystra: lit., a scraper. cf. *Scaphosepalum xystra*.

xythriophora: see *xytriophora*. All refs. are the same.

xytriophora; ref. *xythos*: golden yellow + bearing. It's reported that when fresh the flowers are pale green and white, then turn yellow with age. cf. *Appendicula xytriophora*.

xytriophorum: golden yellow + bearing. cf. *Epidendrum xytriophorum*.

yaeyamae: see *yaeyamensis*. cf. *Goodyera yaeyamae* Ohwi. syn. *Goodyera rubicunda*.

yaeyamensis: from the Yaeyama Islands, east of Taiwan, part of the Ryukyu group (Nansei-shoto, Japan). cf. *Nervilia yaeyamensis* Hayata 1912. syn. *Nervilia aragoana*.

yakumontana: Yaku + mountain(s?) + belonging to. The species is listed as ex **Yakushima** (island, of the Nansei-shoto group) and the noted mountain there, is *Miyanoura-dake*. Perhaps the specep. simply means: (ref.) the mountains of Yaku (-shima). cf. *Platanthera yakumontana* Masam.1934.

yakushimense: as *yakushimensis*. cf. *Vexillabium yakushimense* (Yamam.) F.Maek.1935. syn. *Kuhlhasseltia yakushimensis*.

yakushimensis: from Yakushima island(s), of the (nthn.) Ryukyu Islands group, sthn. Japan. cf. *Kuhlhasseltia yakushimensis* (Yamam.) Ormerod 2003.

yakusimensis: as *yakushimensis*. cf. *Hetaeria yakusimensis* (Masam.) Masam.ex E.Walker 1976. syn. *Rhomboda cristata*.

yamamotoi: for botanist and author, Yoshimatsu Yamamoto [+ of] (1893-1947). ex Taiwan, cf. *Acanthephippium yamamotoi* Y.Hayata. syn. *A. sylhetense*.

yambalense: for place name (+ from), only listed as ex Ecuador. cf. *Epidendrum yambalense* Hágsater & Dodson 1993.

yambrasbambense: from Yambrasbamba (village), Amazonas Department, Peru. cf. *Epidendrum yambrasbambense* Hágsater 2001.

yangambiense: for place name: from Yangambi, a town of Orientale, Congo (DRC.), Africa. cf. *Bulbophyllum yangambiense* Louis & Mullend.ex Geerinck. syn. *Genyorchis pumila*.

yanganae: for place name: of Yangana (village), Loja Prov., Ecuador. cf. *Lepanthes yanganae* Luer & Hirtz 1987.

yanganensis: as *yanganae* (+ from). cf. *Malaxis yanganensis* Dodson 1994.

yangmeishanensis: the -ensis: origin; from, etc. Listed as ex nthn.Taiwan and one that sounds like it, is: *Yangminshan Guojia Gongyuan* (N.Park). Also noted, there is a Yangmeishan (village), in Hunan Prov., China (?). + See *yangmeiensis* (and for this one, add -shan-: from the mountain[s] of Yang-mei?). cf. *Goodyera yangmeishanensis* T.P.Lin 1977 (syn., "correct name" not given).

yangmeiensis: again, listed as ex nthn. Taiwan. Ref the city of Yang-mei, n.west Taiwan. cf. *Platanthera yangmeiensis* T.P.Lin 1980.

yanshanensis: from Yanshan (: Jiangna), a town of Yunnan Prov., China. cf. *Eria yanshanensis* S.C.Chen 1988.

yaracuyense: for place name: from Yaracuy state, Venezuela. cf. *Epidendrum yaracuyense* Carnevali & G.A.Romero 2000.

yatabeanum: belonging to Yatabe. For phytologist and author, Ryokichi Yatabe (1851-1899). Prof.of Biology at Tokyo Univ. ex n.east Russia to nthn. Japan and Alaska, cf. *Cypripedium yatabeanum* Makino 1899.

yatabei: as *yatabeanum*. ex Siberia to Japan, cf. *Listera yatabei* Makino 1905.

yatapuose: for place name (+ from). Is listed to be from Trinidad to sthn. trop. Sth. America, perhaps ref. Ii-Tapuia, a town of Amazonas state, Brazil (?). cf. *Epidendrum yatapuose* Barb.Rodr.1891. syn. *E. compressum*

yatesiae: listed for orig.coll., Mrs.A.Yates . cf. *Anoectochilus yatesiae* F.M.Bailey 1907. Noted as endemic to nth. Qld., Aust.

yauperiensis: as *yauaperyensis*. cf. *Huebneria yauperiensis*.

yauaperyense: as *yauaperyensis*. cf. *Cyrtopodium yauaperyense* Barb.Rodr. syn. *Eriopsis sceptrum*.

yauaperyensis: nearly threw in the towel as this is a sort of Lat'd. phonetic spelling, but with the suffix, *-ensis*, it has to be "from" somewhere. Listed as ex s.east Venezuela, a couple that sound like it is the town of Uai-parú, and/or the village of Uaiparú, both of Bolivar state (?). cf. *Sobralia yauaperyensis* Barb.Rodr.1891.

yavitaense: from Yavita, a town of Amazonas state, Venezuela. cf. *Catasetum yavitaense* G.A.Romero & C.Gómez.

ybaguense: for place name (+ from) ex Colombia, see *ibaguense*. cf. *Epidendrum ybaguense*. syn. *Epidendrum ibaguense*.

yengiliense: for place name (+ from), listed as ex n.west of Madang, PNG.(a village?). cf. *Dendrobium x yengiliense* T.M.Reeve 1982.

yezoensis: from Yezo. Now, is Hokkaido Island, second largest of the Japanese archipelago. cf. *Habenaria yezoensis* Hara 1935.

yiii: of Yi. Listed for modern phytologist and author, Tong-Pei Yi. ex Sarawak, Borneo, cf. *Coelogyne yiii* Schuit.& de Vogel 2003.

yingjiangensis: from Yingjiang, a minor city of Yunnan Prov., China. cf. *Ornithochilus yingjiangensis* Z.H.Tsi 1984.

Yoania: Maxim.1873. Listed for Japanese physician, botanist and talented bot. artist, Dr.Wudogawa Yoan (+ of). eg. Ref. the type: *Yoania japonica* (: belonging to Japan).

yoksunense: listed for place name: from Yoksun (phonetic for **Jongsong** Peak?, borders with Tibet), Sikkim, India. cf. *Bulbophyllum yoksunense* J.J.Sm.1912.

Yolanda: Hoehne 1919, ex Brazil. Noted he named it for his daughter, Yolanda. Ref. Prof. F.C.Hoehne (see *Hoehneella*). syn. *Brachionidium* Lindl.

yomensis: from the Yoma Mtns.(Pegu Yoma), central Myanmar. cf. *Habenaria yomensis* Gage 1904.

youngiana: listed for orig.coll., Eng. botanist, Donald Peter Young (1917-1972). Listed as ex Great Britain, cf. *Epipactis youngiana* A.J.Richards & A.F.Porter 1982.

youngii: listed for noted grower, Reginald Young of Liverpool, Eng., first to flower it. ex Mexico, cf. *Odontoglossum youngii* Gower 1891. syn. *Rhynchostele rossii*.

youngsayeanum: listed for J.L.Youngsaye (+ belonging to), phytologist and co-author of "Orchids of Hong Kong" (1980). cf. *Bulbophyllum youngsayeanum* S.Y.Hu & Barretto 1976. syn. *B. stenobulbum*.

youngsayei: as *younsayeanum*. ex the Hong Kong area, cf. *Goodyera youngsayei* S.Y.Hu & Barretto 1976.

ypirangae: of Ypiranga (: Ipiranga), a city of Paraná state, Brazil. cf. *Pleurothallis ypirangae* Kraenzl.1911.

x *Ypsilactyle*: J.M.H.Shaw. On the syn. list, cf. *Tridactyle* x *Ypsilopus*.

ypsilon: see *Ypsilopus* (without the *-pus*). Probably for some organ, or part being Y-shaped, like the Gk. letter, *ypsilon*: Y. cf. *Dendrobium ypsilon* Seidenf.1985.

Ypsilopus: Summerh.1949: *-pus* is OK.: foot, footed. With *Ypsilo-*, can only presume it refs. to the Gk. *ypsilon* (see last entry), or *upsilon*: 20th letter of the Gk. alphabet which corresponds (+ in shape) to the English letters, U u or, Y y. + In Greek numeration, *ypsilon* represents the number 400. But, the reported etym. expl. of *ypsilon* is ex Gk., (to) *y psilon*, lit.: bare. So, *Ypsilopus* could be: 400 foot, or footed; bared foot, or bare footed; or, the part is likened to a “Y”, or “U” (+ foot, or footed)? ex Kenya to Tanzania, eg. *Ypsilopus longifolius*.

yuana: possibly for place name (+ of), ex Sichuan Prov., China. Noted three different cities, in this province having “Yuan” in the name (?). Also, may ref. to phytologist and author, Tse-Tsun Yu (see *yueana*) cf. *Habenaria yuana* T.Tang & F.T.Wang.

yuanum: as *yuana*. ex Yunnan, China, cf. *Herminium yuanum* T.Tang & F.T.Wang 1936.

yuanyangense: listed for place name (+ from), ex Yunnan Prov. Could be phonetic spelling for Yuan Jiang (Red River) central Yunnan, China (?). cf. *Bulbophyllum yuanyangense* Z.H.Tsi 1995.

yucatanense: from the Yucatán Peninsula area, Mexico. cf. *Epidendrum yucatanense* Schltr.1914. syn. *Encyclia nematocaulon*.

yucatanensis: as *yucatanense*. cf. *Triphora yucatanensis* Ames 1922.

yuccifolium: have also noted *yuccaefolium*: Yucca + leaf. ex the Philipp., cf. *Dendrochilum yuccifolium* L.O.Williams. Yucca is reported to be a West Indies name for plants of the genus, Yucca of the agave family: *Agavaceae*. Its leaves are usually stiff, narrow, pointed and (often) with serrated, saw-like margins. Obviously the author likened the leaves of this species to a Yucca.

yueana: listed for botanist and author: belonging to Tse-Tsun Yu (1908-1986). ex the Himalayas to China, cf. *Listera yueana* T.Tang & F.T.Wang 1951. syn. *Listera pinetorum* Lindl.1857.

yueanum: as *yueana*. ex China, cf. *Amitostigma yueanum* T.Tang & F.T.Wang 1940.

yuksomnensis: for place name (+ from), listed as ex Yoksam, Sikkim state, sthn. Himalayan slopes. cf. *Calanthe yuksomnensis* Lucksom 1998.

yumanensis: for place name (+ from), ex the Dominican Republic. Listed as a cross of *Epidendrum olivaceum* x *Laeliopsis dominguensis*. cf. x *Epilaeliopsis yumanensis* Withner 1971. Noted as monotypic and endemic.

yunckeri: listed for phytologist and author, Truman George Yuncker (1891-1964). ex Guatemala, cf. *Lepanthes yunckeri* Ames 1938. Also noted he later collected in the Solomon Islands and surrounds, cf. *Phreatia yunckeri* L.O.Williams 1943. syn. *P. limenophyllax*.

yungasense: as *yungasensis*. cf. *Epidendrum yungasense* Rolfe ex Rusby 1895.

yungasensis: from Yungas, an undefined region (below the Altiplano region), eastn.

Andean slopes, Bolivia. cf. *Elleanthus yungasensis* Rolfe ex Rusby 1895.

yungianus: may be for a person's name (+ belonging to), also could be for a place name.

Among the given locations (esp. of sthn. China), there are quite a few places having Yung in the name. cf. *Anoectochilus yungianus* S.Y.Hu 1971. syn. *A. setaceus*.

yunnanense: from Yunnan Prov., China. cf. *Bulbophyllum yunnanense* Rolfe 1901.

yunnanensis: as *yunnanense*. cf. *Eria yunnanensis* S.C.Chen & Z.H.Tsi 1984.

yunpeense: for place name (+ from), listed as ex sthn. central China. Have noted, that often these authors spell names phonetically, to make it easy for us westerners and one that fits the given location is, ref. Yung-pei (: Yongsheng) city, of Yunnan Prov.(?). cf. *Saccolabium yunpeense* T.Tang & F.T.Wang. syn. *Holcoglossum flavescens*.

yupanki: listed as ex Santa Cruz Department, Bolivia. May be for a person's name, but it hasn't a suffix and could ref. to **Yupanqui** (village). cf. *Pleurothallis yupanki* Luer & R.Vásquez 1984.

yushuiana: may be for a person's name (+ belonging to). Among the given locations, noted the name, Yushu for some cities and towns in sthn. China. It's also listed as ex Taiwan and could ref. to Yu-shui (village), s.west Taiwan (?). cf. *Eulophia yushuiana* S.Y.Hu 1972. syn. *E. zollingeri*.

yuvilensis: for place name (+ from), only listed as ex Guerrero and Oaxaca states, Mexico. cf. *Lepanthes yuvilensis* Catling 1990.

yzabalana: belonging to Izabal. Ref. the town, or lake (*Lago de Izabal*), of Izabal Province, Guatemala. cf. *Maxillaria yzabalana* S.Watson 1888. syn. *Maxillaria porrecta*.

zagoriana: belonging to Stara **Zagora** city, central Bulgaria. cf. *Ophrys* x *zagoriana* G.& W.Thiele.
zahlbrucknerana: belonging to Zahlbruckner, see *zahlbrucknerae*. ex Costa Rica to Bolivia, cf. *Trevoria zahlbrucknerana* (Schltr.) Garay 1970.
zahlbrucknerae: listed for botanist and author, Alexander Zahlbruckner [+ of] (1860-1938). Descs. accr. to him are abbr. to: A.Zahlbr. ex the Philipp., cf. *Coelogyne zahlbrucknerae* Kraenzl. syn. *Coelogyne marmorata*.
zahlbruckneri: as *zahlbrucknerae*. cf. *Malaxis zahlbruckneri* Kraenzl.1921.
zahlbruckneriana: see *zahlbrucknerana*. Was listed as such, but this must be an error, as all refs. are the same. cf. *Trevoria zahlbruckneriana* (Schltr.) Garay 1970.
zamba: my refs. say, "Zamba, see Zama". May be an oblique ref. to where the plant was found (?). Zama is the location where a famous battle occurred, when the Romans defeated Hannibal 202BC. and is listed as situated s.west of the coastal city of Carthage, nthn. Tunisia. cf. *Ophrys* x *zamba* C.E.Hermos.
zambalense: for place name: from the Zambales Mtns., westn. Luzon, Philipp. cf. *Bulbophyllum zambalense* Ames 1912.
zambesiaca: as *zambesina* (with different suffix: belonging to). cf. *Stenoglottis zambesiaca* Rolfe 1897.
zambesina: of the Zambezi River area. Originates in Zambia, central Africa and runs east to the coast of Mozambique. cf. *Habenaria zambesina* Rchb.f.1881.
zamboangense: from Zamboanga city, and/or of the westn. Zamboanga Peninsula, Mindanao, Philipp. cf. *Bulbophyllum zamboangense* Ames 1914.
zamboangensis: as *zamboangense*. cf. *Eria zamboangensis* Ames 1915.
zamorae: of Zamora, see *zamorense*. cf. *Paphinia zamorae* Garay 1999.
zamorana: belonging to Zamora, see *zamorense*. cf. *Warmingia zamorana* Dodson 1989.
zamoranus: belonging to Zamora, see *zamorense*. cf. *Ornithocephalus zamoranus* Dodson.
zamorense: for place name ex Ecuador (+ from). Ref. the **Zamora** River, of **Zamora-Chinchipe** Prov., and/or **Zamora** city, near the Peruvian border. cf. *Epidendrum zamorense* Hágsater & Dodson 1993.
zamorensis: see *zamorense*. cf. *Elleanthus zamorensis* Garay 1978. syn. *Elleanthus capitatus*.
zamororae: of Zamorora, Santa Rosa Department (admin. division), Guatemala. cf. *Spiranthes zamororae* Ames 1923.
zanguebarica: for place name (+ belonging to), listed as ex trop. Africa and eastn. islands (Comoros, etc.). cf. *Polystachya zanguebarica* Rolfe 1897. syn. *P. tessellata*.
zanonii: of Zanon. For phytologist, T.Zanon (+ orig.coll.?), see *Tomzania*. ex the Dominican Republic, cf. *Tetramicra zanonii* Nir 2000.
zanzibarica: belonging to Zanzibar (island), off east coast Africa. cf. *Oeceoclades zanzibarica* (Summerh.) Garay & P.Taylor 1976.
zanzibaricum: as *zanzibarica*. cf. *Eulophidium zanzibaricum* Summerh.1927. syn. *Oeceoclades zanzibarica*.
zapatae: may be for a person's name, but also ref. Zapata, a coastal town of Antioquia Department, Colombia. cf. *Lepanthes zapatae* Luer & R.Escobar 1994.

zapotensis: for place name (+ from), listed as ex the Sierra de Baboruco (mtn. range), Dominican Republic. cf. *Lepanthes zapotensis* Dod 1993.

zaranense: listed for place name: from Zaran Creek, near Mt.Enggom, Sarawaket Range, Huon Peninsula, PNG. cf. *Dendrobium zaranense* P.Royen 1979. syn. *D. brevicaule* ssp.*pentagonum*. Noted as endemic to PNG.

zaranensis: as *zaranense*. cf. *Ceratostylis zaranensis* P.Royen 1979. syn. *C. alticola*. Noted as endemic to PNG.

zaratananae: for place name: of the Tsaratanana Massif, Madagascar. cf. *Bulbophyllum zaratananae* Schltr.1924. + Of interest, see *tsaratananae*.

zarumae: of Zaruma, see *zarumense*. cf. *Pleurothallis zarumae* Luer & Hirtz 1998.

zarumense: for place name: from Zaruma, a town of s.east El Oro Prov., Ecuador. cf. *Epidendrum zarumense* Hágsater & Dodson 1993.

zarumensis: as *zarumense*. cf. *Plectrophora zarumensis* Dodson & P.M.Dodson.

zebracea: see *zebrinus* (with a different suffix, -acea: like, etc.) cf. *Masdevallia zebracea*.

zebrina: see *zebrinus*. cf. *Phalaenopsis zebrina*.

Zebrinae: (those) being striped. See *zebrinus*. = *Phalaenopsis* section.

zebrinum: see *zebrinus*. cf. *Bulbophyllum zebrinum*. Pers.coll., fairly common ex PM.PMG.

zebrinus: descwd.: striped. More or less regularly striped with yellow, or white. Or, having darker coloured stripes over a paler background. I was pleased to get a clear explanation for this, as initially in my ignorance, I was only trying to associate the black and white stripes, of a zebra!

zeledoniae: of Doña Amparo Lopez Calleja V.de Zeledon of Costa Rica (+ see *Amparoa*). cf. *Epidendrum falcatum* var.*zeledoniae* Schltr.1923. syn. *E. parkinsonianum* Hook.

zenkeri: as *zenkerianum*. ex Cameroon, cf. *Bolusiella zenkeri* (Kraenzl.) Schltr.1918.

zenkeriana: as *zenkerianum*. cf. *Habenaria zenkeriana* Kraenzl.1894. syn. *H. cirrhata*.

zenkerianum: for orig.coll., botanist Georg August Zenker [+ belonging to] (1855-1922), ex westn. central Africa. cf. *Bulbophyllum zenkerianum* Kraenzl. syn. *B. oreonastes*.

zephyrica: ref. *Zephyrus*: god of the west wind (more, see *zephyrinus*) + suffix: see -ica: belonging to, etc. Probably, simply implies that it's "from the west". Listed as ex Lake Lanao, Mindanao, Phillip. cf. *Habenaria zephyrica* Ames 1915.

zephyrina: as *zephyrinus*. cf. *Trichosalpinx zephyrina*.

zephyrinus: ref. *zephyros* + see-ina. May be the same as *zephyrica* (of the west), but also ref. *Zephyrus*, of Gk.myth.: god of the west wind and a magical spirit attendant to Venus (see *venus*). Of the legends (esp. one concerning the love affair between Cupid and Psyche [see *cupidon*, *Psyche*]), he also gave people the feelings of intense pleasure, contentment and happiness. cf. *Telipogon zephyrinus* Rchb.1877.

Zetagyne: Ridl.1921: ref. *zeta*: 6th letter of the Gk. alphabet and as a capital letter, is like an Eng. "Z", +*-gyne*: woman (ref. the ovary and stigma: the female parts). The ovary and column were likened to being "Z"-shaped. Of interest, Dr.Pfitzer (see *pfitzeri*) said it's like an "S-shape". syn. *Panisea* (Lindl.) Lindl.

zeus: ref. Gk.myth, Zeus: supreme ruler of the "gods". Could be for "beauty", as (almost) all of the gods were depicted as extremely handsome and/or beautiful.

Or, perhaps the authors thought it to be kingly, or regal (?). cf. *Platystele zeus* Luer & Hirtz.

Zeuxine: Lindley 1826, nom.cons.: ref. *zeuxis*, ex *zeugma*: a yoking; union; joining + suffix: like, etc. Ref. the median sepal and petals form a hood (and is reported as not really “joined”, but overlapping). Has a wide distribution, eg. one from Africa, *Zeuxine africana*, another, cf. *Z. oblonga* is noted as endemic to Aust.

zeuxinoides: *Zeuxine* + resembling. Reported as likened to some *Zeuxine* sp. cf. *Platylepis zeuxinoides*.

zeyheri: listed for botanist and author, Carl Ludwig Zeyher (1799-1858). ex sthn. Africa, cf. *Disa zeyheri* Sond.1847. syn. *Disa porrecta*.

zeyheriana: as *zeyheri* (+ belonging to). ex South Africa, cf. *Eulophia zeyheriana* Sond.1847.

zeylanica: ref. *zeylanicus*, listed as Lat’d. spelling for place name: belonging to Ceylon (: Sri Lanka). cf. *Disperis zeylanica* Trimen 1885.

zeylanicum: as *zeylanica*. But, this is reported to actually be from Mahe, Seychelles (island group) and was originally named *Angraecum maheense* Schltr. syn. *Angraecum zeylanicum* Lindley 1859. + See next entry.

zeylanicum: did another entry as this one is from Sri Lanka, see *zeylanica*. cf. *Agrostophyllum zeylanicum* Hook.f.1890.

zhaojuense: for place name: from Zhaojue, a city of Sichuan Prov., China. cf. *Dendrobium zhaojuense* S.C.Sun & L.G.Xu 1988. syn. *D. chryseum*.

zhejiangensis: for place name: from Zhejiang Prov.(aka. Chekiang), eastn. central China. cf. *Anoectochilus zhejiangensis* Z.Wei & Y.B.Chang 1989.

zhenkangensis: from Zhenkang, a town of Yunnan Prov., China. cf. *Coelogyne zhenkangensis* S.C.Chen & K.Y.Lang 1983.

zhongdianense: from Zhongdian, a town of n.west Yunnan Prov., China. cf. *Cypripedium zhongdianense* S.C.Chen 1985.

zigzag: held off on this one for a long time. When I first noted it, there wasn’t any indication that it was an ordinary epithet and I thought it to be some kind of “fancy name” (see “F”). It is ex English, zigzag: short, sharp angular bends, like a succession of sideways, joined Vs. cf. *Calypstrochilum zigzag*. syn. *C. christyanum*.

zimbabwensis: from Zimbabwe, Africa. cf. *Disa zimbabwensis* H.P.Linder 1981.

zimmermanniana: listed for botanist and author, L.Zimmermann (+ belonging to). ex Java, cf. *Oberonia zimmermanniana* J.J.Sm.1905.

zingiberaceum: ref. *zingiber*, *zingiberis*: ginger (plant of the ginger family, *Zingiberaceae*) + like. ex Ecuador, cf. *Epidendrum zingiberaceum*.

zipaquiranum: belonging to Zipaquirá, a major town of Cundinamarca Department, Colombia. cf. *Epidendrum zipaquiranum* Schltr.1920. syn. *E. chioneum*.

zippelii: listed for orig.coll., botanist and author, Alexander Zippelius* (1797-1848), who collected in Dutch New Guinea (: Papua, Indon.) c1845. Noted for his discovery of *Paphiopedilum glanduliferum*. *Noted his surname is also listed as: Zippel and descs. accr. to him are abbr. to: Zipp. ex Maluku (islands) to the Solomons, cf. *Dendrobium zippelii* J.J.Sm.1904. syn. *D. viridiflorum*.

ziyaretiana: belonging to Ziyaret, a town of Amasya Prov., central Turkey. cf. *Ophrys ziyaretiana* Kreutz & Ruedi Peter. syn. *O. holoserica* var. *grandiflora*.

zobiaense: for place name: from Zobia. Can't be exact as there are three (villages) in Orientale, Congo (DRC.) and one town in Ivory Coast. This species is listed to be from both countries (among others of Africa). cf. *Bulbophyllum zobiaense* De Wild. 1916. syn. *B. scaberulum*.

zollingeri: of Zollinger. For orig. coll., botanist and author, Heinrich Zollinger (1818-1859). Descs. accr. to him are abbr. to: Zoll. ex Java, cf. *Calanthe zollingeri* Rchb.f. 1857.

zollingeriana: belonging to Zollinger, see *zollingeri*. ex Thai., cf. *Trichoglottis zollingeriana* (Kraenzl.) J.J.Sm. 1906. syn. *T. scapigera*.

zollingerianum: as *zollingeriana*. cf. *Dendrobium zollingerianum* Teijsm. & Binnend. syn. *Flickingeria comata*. + See sketch and notes at "E" (*Ephemerantha*).

zombaensis: from Zomba, see *zombica*. cf. *Disa zombaensis* Rendle 1894. syn. *D. walleri*.

zombense: from Zomba, see *zombica*. cf. *Satyrium zombense* Rolfe 1898. syn. *S. trinerve*.

zombica: belonging to Zomba, a city of sthn. Malawi, or a little further north, ref. the Zomba Plateau, Shire Highlands, Malawi, Africa. cf. *Disa zombica* N.E.Br. 1898.

zonata: see zoned. cf. *Stelis zonata*. syn. *S. tristyla*.

zonatum: see zoned. ex China, cf. *Dendrobium zonatum*.

zonalis: this one is listed as ex Panama and I said: "easy, it's for the Canal Zone". But, then I looked at the author (and date) and the Canal Zone wasn't established until 1903! Nearly made a fool of myself (again). See zoned, zoning + see *-ale*: of, etc. ex Florida to Paraguay, cf. *Ionopsis zonalis* Lindley 1851. syn. *Ionopsis utricularioides*.

zonatus: see zoned. cf. *Oncidium zonatus*. syn. *O. heteranthum*.

zoned, zoning : ref. *zonatus*, descwd. especially of flowers (can also apply to leaves). A pattern of colours, or shades: banded with more or less, relatively broad, transverse striping (+ ref. *zone*, *zona*: girdle; belt + suffix: like; having). + See fasciate.

zongoensis: for place name: from Zongo (village), La Paz Department, Bolivia. cf. *Lepanthes zongoensis* Luer 1983.

Zoophora: Bernh. 1800: ref. *zoon*: animal(s) + bearing. Reported as an allusion to the flowers, likened to animal heads. syn. *Orchis Tourn.* ex L.

zoophora: as *Zoophora*. cf. *Orchis zoophora*. syn. *O. simia*.

Zootrophion: Luer 1982. Have seen some wierd and fanciful explanations for this! The author, Dr. C.A. Luer says he likened the flowers to the heads of different animals and that *zootrophion*: a menagerie (Ref., "Systematics of the *Pleurothallidinae*" 1986). ex Ecuador, eg. *Zootrophion griffin*.

zorrocuchensis: for place name (+ from), listed as ex Ecuador and/or Venezuela. cf. *Pleurothallis zorrocuchensis* Luer 1979. syn. *P. clandestina*.

zosterifolium: girdle; belt + leaf. cf. *Epidendrum zosterifolium*.

Zosterophyllanthos: Szlach. & Marg.: girdle; belt + leaf + flower. syn. *Pleurothallis* R.Br.

zosterops: girdle; belt + see *-ops*. cf. *Liparis zosterops*.

Zosterostylis: Blume 1825: ref. *zoster*: a girdle; belt + see *style* (: column, etc.). eg.
Zosterostylis arachnites. syn. *Cryptostylis arachnites*.
zosterostyloides: *Zosterostylis* + resembling. cf. *Habenaria zosterostyloides*.
zothecina: ref. *zotheke*, *zotheca*: chest (as a case; box, with a lid); [small] chamber + see *-ina*:
like, etc.(ref. to the clinandrium and anther-cap?). cf. *Platanthera zothecina*.
zubiae: of Zubia, a minor city of Granada, Andalucia, sthn. central Spain. cf. *Ophrys x*
zubiae C.E.Hermos.& Tabuenca.
zuluensis: Zulu + suffix, for place name (+ from). At the time it was Zululand, which is
now a nthn. part of KwaZulu-Natal Prov., s.east Africa. cf. *Disa zuluensis* Rolfe
1913.
zumbae: for place name: of Zumba, Zamora Chinchipe Prov., Ecuador. cf. *Masdevallia*
zumbae Luer 1993.
zunagense: for place name, only listed as ex Ecuador: from Zúñac (village), Morona
Santiago Prov.(?, + see *zunagensis*). cf. *Brachionidium zunagense* Luer & Hirtz 1995.
zunagensis: see *zunagense*, but this is noted as ex **Pastaza** Prov., Ecuador. cf. *Trichosalpinx*
zunagensis Luer & Hirtz 1997.
zurowetzii: for botanist, J.E.Zurowetz (+ of). ex Borneo, cf. *Coelogyne zurowetzii* Carr 1934.
zygia: see *zygion* (changed to conform to the genus?, see *zygo-*). ex Ecuador, cf.
Masdevallia zygia Luer & Malo 1981.
zygion: listed as the dimin., see *zygo-*. cf. *Lepanthes zygion*.
zygo-: used in combwds., ref. *zygos*, *zygon*: yoked, or paired; joined; a balance.
x *Zygobatemannia*: auct. On the syn. list, cf. *Batemannia x Zygopetalum*.
x *Zygocaste*: auct. On the syn. list, cf. *Lycaste x Zygopetalum*.
x *Zygocella*: Garay & H.R.Sweet. On the syn. list, cf. *Mendoncella x Zygopetalum*.
Zygocolax: Rolfe. Noted, the name is taken from the parents, as it's reported as a
natcross of *Zygopetalum crinitum x Colax jugosus*. eg. *Zygocolax x veitchii* Rolfe.
x *Zygodisanthus*: auct. On the syn. list, cf. *Paradisanthus x Zygopetalum*.
Zygoglossum: Reinw.1828: see *zygo-*+ tongue. syn. *Bulbophyllum* Thouars.
zygoglossum: see *zygo-*+ tongue. cf. *Bulbophyllum zygoglossum*.
x *Zygolum*: Garay & H.R.Sweet. On the syn. list, cf. *Zygopetalum x Zygosepalum*.
zygomorphic: see *zygo-*: balanced + of shape; form. Of flowers being bilaterally
symmetrical, ie. divisible into two identical halves by only one plane passing
through the centre, creating a mirror image of both halves.
x *Zygoneria*: auct. On the syn. list, cf. *Neogardneria x Zygopetalum*.
x *Zygonisia*: auct. On the syn. list, cf. *Aganisia x Zygopetalum*.
x *Zygopabstia*: Garay. On the syn. list, cf. *Pabstia x Zygopetalum*.
Zygopetalinae: *Zygopetalum* + suffix denotes it's a subtribe.
Zygopetalon: Rchb.1828. See *Zygopetalum*. syn. *Zygopetalum* Hook.
Zygopetalum: Hook.1827. See *zygo-*+ petals. eg. *Zygopetalum africanum** Hook.1840. syn.
Rhynchostele bictoniensis. *This was another occasion where the author was
deceived as to the location. It was noted to be from "Africa", so he called it
africanum: belonging to Africa. In fact, it's from Mexico, through to Costa Rica. +
See next entry.

Zygopetalum: another entry as this one is listed to be ex Peru to Brazil, eg. *Zygopetalum maculatum*.

Zygosepalum: (Rchb.f.) Rchb.f.1859: see *zygo*-+ sepals. ex Colombia, etc., eg. *Zygosepalum labiosum*.

Zygostates: Lindley 1837: ref. *zygostates*: balance (or, balance-scales). Reported to ref. to the balanced appearance of the clavate staminodes at the base of the column. ex Brazil, eg. *Zygostates lunata*.

x *Zygostylis*: Garay & H.R.Sweet. On the syn. list, cf. *Otostylis* x *Zygopetalum*.

x *Zygotorea*: auct. On the syn. list, cf. *Pescatorea* x *Zygopetalum*.

x *Zygowarrea*: auct. On the syn. list, cf. *Warrea* x *Zygopetalum*.



Bibliography

As I have mentioned, I am very much an amateur, so there were quite a few books that I worked on and haven't listed here. It never entered my tiny mind, until someone mentioned, to make my work a little more professional, I should be keeping a list. So, from thereon, herewith:-

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Index

There isn't any need for an "index", the words are all cross-referenced (...well....c99.99%) and all in alphabetical order. ie. If I use a word you don't understand, simply look it up in the relevant section.

If you wish to know the meaning of a generic name, ie. the explanation for both the genus and the specific epithet, eg. *Phalaenopsis amabilis*, simply go to "P" and "A", as you would with an ordinary dictionary.

Descriptive words and other terminology are the same, eg. what is the difference between a stem and a pseudobulb?, see "S" and "P".

If I give a different example to the plant you're looking for, don't worry, the words still have the same meaning. There are many genera that have the same specific epithet, this is one of the major reasons for the format of this "vocabulary".

You may note that my example is a synonym (: syn.) and I have omitted to advise. OK., score one for you!, but allow me to reiterate that I am simply trying to determine what the words mean, give an understandable explanation and not present a scientific journal.

Thanking you for your patience.

A.B.M.