

## Some Greek and Latin Components of Scientific Words

These components are either Greek or Latin, or are derived from Greek or Latin. The prefixes are followed by a hyphen and the suffixes are preceded by a hyphen, while the other combining forms are without hyphens. In the construction of new words, Greek should be combined with Greek and Latin with Latin, otherwise a hybrid word is produced which is not considered good practice. In the joining of Latin stems, the letter -i- is inserted when a vowel is required, while in Greek the letter -o- is used.

The columns below from left to right are as follows:

- (1) Greek and Latin word components
- (2) Prefixes, suffixes and parts of speech indicated in English
- (3) Meaning of respective word components
- (4) Botanical name or term in either Latin, Greek, or English in which component is used.

Component	Type	Meaning	Example
<b>A</b>			
a- L.	pref.	from, away	averse
a-, an- Gr.	pref.	without, not	amorphous
ab- L.	pref.	See a-	abaxial
abr Gr.	adj.	soft, delicate, dainty	<i>Abronia</i>
abund L.	adj.	abounding, full	<i>florabundus</i>
ac Gr., L.	n.	a point, a needle, a thorn	acicular
acanth Gr.	n.	a thorn, a prickle	<i>Pyracantha</i>
-aceae L.	suf.	a suffix used to denote plant family names	<i>Rosaceae</i>

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Component	Type	Meaning	Example
-aceus L.	suf.	of or pertaining to, resembling	rosaceous
achyr Gr.	n.	chaff, husks	<i>Amphiachyris</i>
acr Gr.	adj.	at the top, apex or summit	acroblastic
acr L.	adj.	sharp	<i>acrimonia</i>
actin Gr.	n.	radiated, rayed	actinomorphlic
-acus L.	suf.	of or belonging to	<i>aurantiacus</i>
acut L.	adj.	sharp, pointed	<i>acutifolius</i>
ad- L.	pref.	towards (the "d" is usually assimilated to a following consonant, as in aggregate, acclimate, etc.)	adaxial
-ad Gr.	suf.	daughter of	heliad
adelph Gr.	n.	brother	monadelphous
aden Gr.	n.	a gland	<i>Zygadenus</i>
aer Gr.	n.	air, atmosphere	<i>aeroides, anaerobic</i>
agath Gr.	adj.	good, excellent	agathophyllum
agn Gr.	adj.	pure, innocent	<i>Elaeagnus</i>
agr Gr.	n.	a field	<i>Agropyron</i>
agrost Gr.	n.	grass	<i>Eragrostis</i>
ai Gr.	adj.	always, ever	aiophyllous
-ales L.	suf.	used to denote plant orders	<i>Rosales</i>
-alis L.	suf.	pertaining to	<i>sanguinalis</i>
all Gr.	adj.	other, different, strange	alogamy
alopez Gr.	n.	a fox	<i>Allopecurus</i>
altern L.	adj.	in alternation	<i>alternifolius</i>
alt L.	adj.	high	altitude
alve L.	n.	hollow, cavity	alveolate
amm Gr.	n.	sand	ammophilous
ampel Gr.	n.	a vine	<i>Ampelopsis</i>
amphi- Gr.	pref.	on both sides of, about	<i>amphibius</i>
amplex L.	adj.	embracing, encircling, clasping	<i>amplexicaulis</i>
ana- Gr.	pref.	upward, throughout, backward	<i>anacamptis</i>
andr Gr.	n.	man, male	<i>Andropogon</i>
anem Gr.	n.	wind	<i>anemophilous</i>
angi Gr.	n.	a vessel, a container	angiosperm
angust L.	adj.	small, narrow	<i>angustifolius</i>
anis Gr.	adj.	unequal, dissimilar	anisopetalous
ante- L.	pref.	before, in front of	antechamber
anth Gr.	n.	a flower	<i>polyanthes</i>
anthrop Gr.	n.	man, human being	<i>anthropophilous</i>
anti- Gr.	pref.	against, opposite to	antidromy
annu L.	n.	a year	annual
anul L.	n.	a ring	<i>anularis</i>
-anus L.	suf.	of or belonging to	<i>floridanus</i>

<b>Component</b>	<b>Type</b>	<b>Meaning</b>	<b>Example</b>
ap-, aph- Gr.	pref.	from, away from, separate	apocarpous
apic L.	n.	summit, tip	apiculate
aqu L.	n.	water	<i>aquaticus</i>
arachn Gr.	n.	a spider	<i>arachnifer</i>
arbor L.	n.	tree	arboretum
arc L.	n.	a bow, bowlike	arcuate
arch- L.	pref.	beginning	archegonium
argyr Gr.	n.	silver	argyroneurous
aren L.	n.	sand, a sandy place	<i>arenicola</i>
-aris L.	suf.	of or pertaining to	<i>axilaris</i>
arist Gr.	adj.	noblest, best	<i>Aristolochia</i>
-arium L.	suf.	the place for a thing	herbarium
arrhen Gr.	adj.	male	<i>Diarrhena</i>
articul L.	adj.	a joint	articulate
arundo, arundin L.	n.	a reed, cane	<i>Arundinaria</i>
arv L.	n.	a field	<i>arvensis</i>
asper L.	adj.	rough	<i>Asperula</i>
aster Gr.	n.	a star	<i>asteroides</i>
atr L.	adj.	dark	<i>atrovirens</i>
-atus L.	suf.	provided with, made	ciliate
aur L.	n.	ear	auriculate
aur L.	adj.	golden	<i>auricomus</i>
austr L.	adj.	the south wind, southern	austral
aut Gr.	n.	self	autogamy

## B

bapt Gr.	n.	dyed, bright-colored	<i>Baptisia</i>
barb L.	n.	beard	barbellate
bi Gr.	n.	life	biology
bi- L.	pref.	two, twice, double	bidentate
blast Gr.	n.	primitive germ, bud, sprout	blastochore
blephar Gr.	n.	eyelid, eyelash	<i>Blepharoneuron</i>
bol Gr.	v.	to throw	<i>Sporobolus</i>
bore Gr.	adj.	north	<i>borealis</i>
botry Gr.	n.	a cluster, a bunch of grapes	<i>Botrychium</i>
brachi L.	n.	the upper part of the arm	brachionate
brachy Gr.	adj.	short	brachypodous
brady Gr.	adj.	slow, heavy	<i>bradycarpus</i>
briz Gr.	adj.	nodding, sleepy	<i>Briza</i>
brom Gr.	n.	food, oats	<i>Bromus</i>
brot Gr.	n.	mortal, man	brotochore

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Component	Type	Meaning	Example
<b>C</b>			
cact Gr.	n.	a prickly plant	<i>Cactaceae</i>
cad L.	adj.	falling	caducous
cal Gr.	adj.	beautiful	<i>Calochortus</i>
calam L.	adj.	a reed	<i>Calamagrostis</i>
calc L.	n.	lime	<i>calcicola</i>
calce L.	n.	a shoe, a slipper	<i>Calceolaria</i>
call L.	n.	a hard or thick skin	callus
call Gr.	adj.	beautiful	<i>Callicarpum</i>
calyc Gr.	n.	a covering, as that of a bud	<i>Calycanthus</i>
calyptr Gr.	n.	cover, lid	calyptrogen
campan L.	n.	a bell	campanulate
camp Gr.	v.	to bend, to curve	<i>Camptherosus</i>
campyl Gr.	adj.	bent, curved	campylopropous
can L.	n.	dog	<i>caninus</i>
can L.	n.	white, hoary	canescent
cand L.	adj.	white	<i>candidus</i>
capill L.	n.	hair	capillary
capit L.	n.	head	capitate
capreol L.	n.	a tendril, a support	capreolate
carn L.	n.	flesh	carneous
carp Gr.	n.	fruit	pericarp
carph Gr.	n.	twig, chaff, straw	hemicarpous
cartilag L.	n.	cartilage, gristle	cartilaginous
cary Gr.	n.	a nut	<i>caryopsis</i>
caud L.	n.	a tail	caudate
caul L.	n.	a stem, a stalk	<i>albicaulis</i>
cephal Gr.	n.	a head	<i>Cephalanthus</i>
cerat Gr.	n.	a horn	<i>Ceratophyllum</i>
cerc Gr.	n.	shuttle, peg	cercidium
cerc Gr.	n.	a tail	<i>Cercocarpus</i>
cero L.	adj.	waxen, of wax	<i>Ceropegia</i>
cern L.	adj.	turned downward, stooping	<i>cernuus</i>
chaer Gr.	n.	delight, grace	<i>Chaerophyllum</i>
chaet Gr.	n.	bristle	<i>Chaetopappa</i>
chamae Gr.	adv.	low, dwarf, on the ground	<i>chamaedrifolius</i>
cheil Gr.	n.	lip or margin	<i>Cheilanthes</i>
chen Gr.	n.	goose	<i>Chenopodium</i>
chers Gr.	n.	dry land	chersophilous
chil Gr.	n.	See <i>cheil</i> .	<i>Chilopsis</i>
chion Gr.	n.	snow	chionad
chlamyd Gr.	n.	a cloak	achlamydeous
chlo Gr.	n.	young shoots of grass, young herbage	<i>Echinochloa</i>
chlor Gr.	adj.	green, greenish-yellow	<i>Chloranthus</i>

Component	Type	Meaning	Example
chor Gr.	v.	scattering, dispersing	anemochore
chor Gr.	adj.	separate, distinct	choripetalous
chort Gr.	n.	fodder, forage	<i>Calochortus</i>
chromat Gr.	n.	color	chromatoplast
chron Gr.	n.	time	synchronous
chrys Gr.	adj.	golden, golden yellow	<i>chrysocomus</i>
cid L.	v.	to cut, to kill, to fall	septicidal, deciduous
cili L.	n.	eyelashes, marginal hairs	ciliate
ciner L.	n.	ashes	<i>Cineraria</i>
circin Gr.	adj.	round, rolled up	circinate
ciss Gr.	n.	ivy	<i>Parthenocissus</i>
clad Gr.	n.	a young branch, a sprout, a shoot	cladophyll
clav L.	n.	a club	clavate
cleist Gr.	adj.	closed, shut	cleistogamous <sup>s</sup>
co- L.	pref.	with, together	codominant
col L.	v.	to inhabit	<i>sylicolus</i>
cole Gr.	n.	a sheath, scabbard	<i>Coleogyne</i>
com- L.	pref.	See <i>co-</i> .	<i>Comandra</i>
con- L.	pref.	See <i>co-</i> .	connate
confert L.	v.	dense, crowded	<i>confertifolius</i>
cord L.	n.	heart	cordiform
cori L.	n.	hide, leather	coriaceous
corn L.	n.	horn	corneous
cory Gr.	n.	a helmet, crest	<i>Corydalis</i>
cost L.	n.	a rib	intercostate
crass L.	adj.	thick, heavy	<i>crassifolius</i>
cren L.	n.	a notch	crenulate
creper L.	adj.	dark, gloomy, twilight	crepuscular
crotal Gr.	n.	rattle	<i>Crotalaria</i>
cruc L.	n.	a cross	<i>Cruciferae</i>
crypt Gr.	adj.	secret, hidden	<i>cryptandrus</i>
-culus L.	suf.	diminutive ending	<i>tuberculus</i>
cune L.	n.	a wedge	cuneate
curr L.	v.	run	decurent
curt L.	adj.	shortened, clipped, broken	<i>curtipendula</i>
cuspid L.	n.	point	cuspidate
cyan Gr.	adj.	dark blue or black	<i>Cyanophyceae</i>
cycl Gr.	adj.	circular	<i>Cycloloma</i>
cyn Gr.	n.	a dog	<i>Cynoglossum</i>

## D

dactyl Gr.	n.	a finger	<i>dactylifer</i>
dasy Gr.	adj.	hairy, shaggy	<i>Dasyliirion</i>

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Component	Type	Meaning	Example
de- L.	pref.	down, from, away	deflexed
dec, deca Gr.	adj.	ten	decapetalous
del Gr.	adj.	visible, manifest, clear	<i>Spirodela</i>
delta Gr.	n.	triangle, delta	<i>deltoides</i>
dendr Gr.	n.	a tree	dendrology
dens, dent L.	n.	a tooth	tridentate
derma Gr.	n.	skin	leucoderma
dermat Gr.	n.	See <i>derma</i> .	dermatogen
di- Gr.	pref.	double, two	diandrous
di- L.	pref.	asunder, apart, in various directions	dilate
dialy Gr.	v.	separate, disband	dialycarpic
diant Gr.	adj.	wetted	<i>Adiantum</i>
dich Gr.	adv.	twofold, apart	dichotomous
dif- L.	pref.	See <i>di-</i> L.	diffusion
digit L.	n.	a finger	<i>Digitaria</i>
diplo Gr.	adj.	twofold, double	<i>diplostegius</i>
dis- L.	pref.	See <i>di-</i> L.	disarticulate
dissaep L.	n.	partition, septum	dissepiment
diurn L.	adj.	of the day, by day, during the day	diurnal
divaric L.	v.	spread asunder, stretch apart	<i>divaricata</i>
divers L.	v.	turned in different or contrary directions	<i>diversiloba</i>
dodeca Gr.	adj.	twelve	dodecapetalous
drom Gr.	n.	a course, a running	dromotropism
dros Gr.	n.	dew	<i>Drosera</i>
drym Gr.	n.	a forest, oakwood, coppice	<i>drymaria</i>
dum L.	n.	a bramble, brier, thornbush	<i>dumosus</i>

## E

e-, ex- L.	pref.	from, out of	emersed
-cae L.	pl. suf.	used to denote plant tribes	<i>Hordeae</i>
ec-, ex- Gr.	pref.	out of, from	<i>Ecballium, exanthema</i>
ec Gr.	n.	See <i>oec</i> .	ecology
echin Gr.	n.	a hedgehog (prickly)	<i>Echinochloa</i>
ect Gr.	adv.	outside, external	ectocarp
elae Gr.	n.	the olive tree	<i>Elaeagnus</i>
ele Gr.	n.	marsh	<i>Eleocharis</i>
-ell L.	suf.	diminutive ending	<i>Prunella</i>
elytr Gr.	n.	a cover, a sheath	<i>Hymenelytra</i>
end Gr.	adv.	within	endocarp
enne Gr.	adj.	nine	enneander
-ensis L.	suf.	belonging to a locality or region	<i>canadensis</i>

Component	Type	Meaning	Example
epi- Gr.	pref.	on, upon, over, above	epigynous
equ L.	n.	horse	<i>Equisetum</i>
er Gr.	n.	spring (of year)	<i>Eranthus</i>
erem Gr.	n.	desert, solitude	<i>Eremochloa</i>
eri Gr.	adj.	early	<i>Erigenia</i>
err L.	v.	to wander, stray	aberrant
erythro Gr.	adj.	red or reddish	<i>erythrospermus</i>
esc L.	n.	food	<i>esculentus</i>
-escens L.	part. ending	tending to, becoming	<i>viridescens</i>
-escent L.	part. ending	See <i>escens</i> .	canescent
-etum L.	suf.	place of a thing, or where they grow	arboretum
eu- Gr.	pref.	good, well, true	<i>Euthamia</i>
ex- Gr.	pref.	See <i>ec-</i> .	<i>exanthematicus</i>
ex- L.	pref.	See <i>e-</i> , L.	exserted
extra- L.	pref.	outside	extravaginal

## F

falc L.	n.	sickle, scythe	falcate
fasc L.	n.	a bundle, a bunch	fasciculate
-fer, -fera, -ferum L.	suf.	bearing, carrying	conifer
fil L.	n.	a thread	<i>filifolius</i>
filic L.	n.	a fern	filical
fimbr L.	n.	fringe	fimbriate
fistula L.	n.	a hollow reed, a pipe, a tube	<i>fistulosus</i>
flabell L.	n.	a small fan	flabellate
flect L.	v.	to bend	deflect
flocc L.	n.	tuft, lock	flocculate
flor L.	n.	a flower	floret
fluit L.	v.	to float, to swim	<i>fluitans</i>
fluvi L.	v.	flowing	<i>fluvialis</i>
foli L.	n.	leaf	foliaceous
foll L.	n.	a bag	follicle
form L.	n.	shape	<i>cordiformis</i>
frag L.	v.	breaking	<i>Saxifrage</i>
frond L.	n.	leafy branch, green bough, foliage	<i>frondosus</i>
fruct L.	n.	fruit	<i>rubifructus</i>
frument L.	n.	grain	frumentaceous
frutic L.	n.	a bush or shrub	fruticose

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Component	Type	Meaning	Example
fulg L.	v.	to shine	<i>fulgidus</i>
fulv L.	adj.	yellow, reddish-yellow, tawny-golden	<i>fulvous</i>
funi L.	n.	a cord, rope	<i>funiculus</i>
furc L.	n.	fork	<i>furcatus</i>
fusc L.	adj.	brown, dusky, tawny	<i>fuscous</i>

### G

gala Gr.	n.	milk	<i>Polygala</i>
galact Gr.	n.	milk, with milky fluid	<i>Galactodendron</i>
gam Gr.	n.	marriage, united	polygamous
ge Gr.	n.	earth, ground	geotropic
geiton Gr.	n.	a neighbor	geitonogamy
gemin L.	n.	twin, double	<i>geminatus</i>
gen Gr.	v.	birth	dermatogen
gen L.	n.	a knee	<i>geniculatus</i>
genesis Gr.	n.	origin, generation	parthenogenesis
ger L.	v.	to bear, to have	<i>Setigera</i>
geran Gr.	n.	crane (bird)	<i>Geranium</i>
gibb L.	adj.	protuberant	gibbous
gigant Gr.	adj.	giant, mighty	<i>giganteus</i>
glabr L.	adj.	smooth, hairless	glabrescent
gladi L.	n.	a sword	<i>gladiolus</i>
gland L.	n.	an acorn, a gland	<i>glandulosus</i>
glauc Gr.	adj.	covered with a bloom	glaucous
glob L.	n.	ball	globose
glochis Gr.	n.	arrow-point	glochidium
glom L.	n.	a ball, a round body	<i>glomeratus</i>
gloss Gr.	n.	a tongue	<i>Ophioglossum</i>
glott Gr.	n.	See <i>gloss</i> .	<i>Glottidium</i>
glum L.	n.	a hull, husk	glume
glutin L.	n.	glue	<i>glutinosus</i>
glyc Gr.	adj.	sweet, pleasant	<i>Glyceria</i>
gon L.	n.	progeny, generation, begetting	archegonium
gon Gr.	n.	joint, knee, angle	<i>Polygonum</i>
gramin L.	n.	grass	gramineous
greg L.	n.	herd, flock	<i>aggregatus</i>
gymno Gr.	adj.	naked, lightly clad	gymnosperm
gyn Gr.	n.	female, ovary	gynandrous
gynec Gr.	n.	See <i>gyn</i>	gynceum



Component	Type	Meaning	Example
<b>H</b>			
haben L.	n.	thong or strap	<i>Habenaria</i>
haer L.	v.	to stick, cling to	adhere
hama Gr.	adv.	all together, at the same time	<i>Hamamelis</i>
hapl Gr.	adj.	single, simple	haploid
hast L.	n.	a spear	hastate
hedy Gr.	adj.	sweet	<i>hedycarpus</i>
heli Gr.	n.	the sun	heliotropism
helv L.	adj.	honey-yellow	<i>helvolus</i>
hemer Gr.	adv.	for a day	hemeranthous
hemi- Gr.	pref.	half	hemicarp
hepat Gr.	n.	the liver	<i>Hepatica</i>
hesper Gr.	adj.	of an evening, west, western	<i>Hesperocallis</i>
heter Gr.	adj.	other, different	<i>heterolepis</i>
hiem L.	n.	winter	hiemal
hier Gr.	adj.	sacred	<i>Hierochloa</i>
hipp Gr.	n.	horse	<i>hippocastanus</i>
hirsut L.	adj.	rough, hairy	<i>hirsutissimus</i>
hisc L.	v.	to split open, yawn	dehiscence
hom Gr.	adj.	equal, same	homologous
homal Gr.	adj.	smooth, even, ordinary	homalium
humi L.	adv.	low	<i>humifusus</i>
hydr Gr.	n.	water	hydrophyte
hygr Gr.	adj.	moist, wet	hygroscopic
hymen Gr.	n.	a membrane	<i>Hymenocallis</i>
hyper- Gr.	pref.	over, above, beyond	hypertrophy
hypo- Gr.	pref.	under, below	hypogynous
hyps Gr.	n.	height	hypsometer

**I**

-il IL.	suf.	diminutive ending	<i>pusillus</i>
ily Gr.	n.	mud, slime	<i>ilysanthes</i>
imbric L.	n.	hollow tile, trough	imbricate
-inae L.	pl. suf.	used to denote plant tribes; of or pertaining to; like; characterized by	<i>Metastelmatinae</i>
-ineae L.	pl. suf.	used to denote plant suborders	<i>Malvinae</i>
-inus, a, um L.	suf.	of or pertaining to, characterized by	cauline
insul L.	n.	an island	<i>insularis</i>
inter- L.	pref.	between, among	internode
intra- L.	pref.	within	intravaginal
iso- Gr.	pref.	equal, same, similar	isotherm
-issimus L.	suf.	superlative degree ending	<i>angustissimus</i>

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Component	Type	Meaning	Example
<b>J</b>			
jug L.	v.	join, marry, yoke	conjugation
<b>L</b>			
labi L.	n.	lip	<i>Labiatae</i>
lact L.	n.	milk	<i>lactifer</i>
lacu L.	n.	a lake	lacustrine
laen L.	n.	a cloak, a mantle	<i>Notholaena</i>
lago Gr.	n.	a hare	<i>Lagurus</i>
lampr Gr.	adj.	shining bright, beautiful	<i>Lamprotis</i>
lan L.	adj.	wool	<i>lanatus</i>
lance L.	adj.	spear, lance	lanceolate
lanugin L.	n.	down, soft hair	<i>lanuginosus</i>
lapp L.	n.	a burr	<i>lappulus</i>
lasi Gr.	adj.	shaggy with hair or wool	<i>lasiocarpus</i>
lepid Gr.	n.	See <i>lepis</i> .	<i>Lepidium</i>
lepis Gr.	n.	a scale	<i>heterolepis</i>
lept Gr.	adj.	slender, small, thin, weak	<i>Leptochloa</i>
leuc Gr.	adj.	white	<i>leucanthus</i>
levig L.	adj.	smooth, polished	<i>levigatus</i>
ligul L.	n.	a small tongue	liguliform
limn Gr.	n.	marsh, pond	<i>Limnanthes</i>
lin L.	n.	flax	<i>Linaria</i>
liri Gr.	n.	lily	<i>Liriodendron</i>
lith Gr.	n.	stone	<i>Lithospermum</i>
lob Gr.	n.	a lobe, a capsule, a pod	<i>Gonolobus</i>
loc L.	n.	a place, a case, a casket, a cell	locule
lochi Gr.	n.	childbirth, that which is born	<i>Aristolochia</i>
lochm Gr.	n.	thicket, coppice	lochmium
lomat Gr.	n.	fringe, border, hem	<i>Lomatium</i>
loph Gr.	n.	a crest, a tuft on crown of head	<i>Lophiola</i>
lophot Gr.	adj.	crested	<i>Lophotocarpus</i>
lun L.	n.	the moon	<i>Lunaria</i>
lute L.	adj.	clayish-yellow	lutescent
lyc Gr.	n.	wolf	<i>Lycoperdon</i>
lyg Gr.	n.	a plaint twig, a willow-like tree	<i>Lygodesma</i>
lyper Gr.	n.	pain, sorrow	<i>Lyperia</i>
lyr Gr.	n.	lyre	<i>lyratus</i>
lythr Gr.	adj.	defiled with blood or gore, dark red	<i>Lythrum</i>

Component	Type	Meaning	Example
<b>M</b>			
macr Gr.	adj.	long, large	<i>macrospermus</i>
macul L.	n.	a spot, stain, mark	<i>maculatus</i>
magn L.	adj.	great, large	<i>magnificus</i>
malac Gr.	adj.	soft	<i>malacophyllum</i>
mamm L.	n.	breast, nipple, teat	<i>Mamillaria</i>
mar L.	n.	sea	<i>maritimus</i>
mas L.	n.	male	<i>masculus</i>
mega Gr.	adj.	large	megaspore
mei Gr.	adj.	lesser, smaller	meiosis
mel Gr.	n.	honey	melitose
melan Gr.	adj.	black	<i>melanocarpus</i>
men Gr.	n.	moon	<i>Menispermum</i>
mer Gr.	adj.	a part	pentamerous
meso- Gr.	pref.	in the middle, midway between	mesophyte
meta- Gr.	pref.	along with, between, after	metachlamydeous
micro Gr.	adj.	little, small	<i>micranthus</i>
migr L.	adj.	to move, depart	migration
mill L.	adj.	a thousand, very many	<i>millefolius</i>
mim L.	n.	a mimic, mime	<i>mimulus</i>
minth Gr.	n.	mint	<i>Acanthomintha</i>
mir L.	adj.	wonderful, extraordinary, remarkable	<i>Mirabilis</i>
mitr Gr.	n.	a head band, a turban	<i>mitriostigmus</i>
moll L.	adj.	soft	<i>Mollugo</i>
monil L.	adj.	a necklace	moniliform
mono- Gr.	pref.	one, single, alone	<i>monolepis</i>
morph Gr.	n.	shape or form	dimorphic
mucr L.	n.	an abrupt point or tip	mucronate
mult L.	adj.	much, many	multilocular
mur L.	n.	mouse	<i>murinus</i>
myos Gr.	n.	of a mouse	<i>Myosurus</i>
myr Gr.	n.	ointment, balsamic juice, sweet oil	<i>Myristica</i>

**N**

nast Gr.	adj.	close pressed	nyctinastic
ne- Gr.	pref.	not, without, free from	<i>nepenthes</i>
nem, nemat Gr.	n.	thread, yarn	<i>Nemastylis</i>
neo- Gr.	pref.	new, young	neophyte
nephr Gr.	n.	kidney	<i>nephrolepis</i>

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Component	Type	Meaning	Example
neur Gr.	n.	nerve, vein, string	platyneuron
nict L.	n.	wink	<i>nictitans</i>
nid L.	n.	a nest	<i>Nidulacium</i>
nigr L.	adj.	black, dark	nigrescent
noct L.	n.	night	nocturnal
nomen L.	n.	name	nomenclature
not Gr.	adj.	the back, rear	nototribal
noth Gr.	adj.	spurious, bastard	<i>Notholaena</i>
nud L.	adj.	naked, uncovered	<i>nudicaulis</i>
nyct Gr.	n.	night	nyctotropic
nymph Gr.	n.	a minor goddess of waters	<i>Nymphaea</i>

### O

ob- L.	pref.	inversely, against	oblanceolate
ochr Gr.	adj.	pale yellow	ochraceous
octo- L.	pref.	eight	<i>octoflorus</i>
-odes Gr.	suf.	See <i>oides</i> .	<i>trichodes</i>
oec, ec Gr.	n.	house	dioecious
oic Gr.	n.	See <i>oec</i> .	<i>dioicus</i>
-oid Gr.	suf.	See <i>oides</i> .	deltoid
-oideae L.	pl. suf.	ending for plant subfamilies	<i>Panicoideae</i>
-oides Gr.	suf.	form of, type of, similar to	<i>Seirpoides</i>
olens L.	v.	smelling, sweet-smelling	<i>graveolens</i>
-olus, a, um L.	suf.	diminutive ending	<i>gladiolus</i>
ont Gr.	n.	a single being, an individual	ontogeny
onym Gr.	n.	name	synonym
op Gr.	n.	milky fluid, plant juice	<i>opopanax</i>
opor Gr.	n.	the end of summer, fruiting time	<i>oporanthus</i>
opsis Gr.	n.	aspect, view, appearance	<i>Oryzopsis</i>
or Gr.	n.	mountain	orographic
orb L.	n.	ring, circle, disc	<i>orbicularis</i>
ornith Gr.	n.	a bird	ornithogamous
orth Gr.	adj.	straight	orthotropous
orthr Gr.	n.	dawn, about daybreak	<i>Orthrosanthus</i>
osm Gr.	n.	smell, scent	<i>Hedyosma</i>
-osus L.	suf.	full of, abounding in	<i>filamentosus</i>
ur Gr.	n.	tail	<i>Myosurus</i>
ox, oxy Gr.	n.	sharp, keen, quick, acid	<i>oxylepis, oxalis</i>

<b>Component</b>	<b>Type</b>	<b>Meaning</b>	<b>Example</b>
<b>P</b>			
pachy Gr.	adj.	thick	pachycladous
palud L.	n.	marsh, swamp	<i>paludosus</i>
pand L.	v.	spread, expand, unfold	repand
papill L.	n.	a nipple, a teat	papillose
papyr Gr.	n.	rush, papyrus, hence paper	<i>papyrifera</i>
para Gr.	prep.	beside, near, parallel	paracarpous
pariet L.	n.	wall	<i>Prietaria</i>
parm L.	n.	a small round shield, a target	<i>Parmelia</i>
parthen Gr.	adj.	virgin, pure	<i>Parthenocissus</i>
parv L.	adj.	little, small	<i>parvifolius</i>
pasch Gr.	n.	passion	<i>Paschoanthus</i>
passi L.	n.	passion, suffering	<i>Passiflora</i>
pauc L.	adj.	few	<i>pauciflorus</i>
pectin L.	n.	comb	<i>pectinatus</i>
ped Gr.	n.	a plain, level country	<i>Merismopedia</i>
ped L.	n.	foot, base	<i>pedatus</i>
pelt Gr.	n.	a small shield	peltate
pend L.	v.	to hang down	<i>curtipendulus</i>
penn L.	n.	feather, pen, wing	<i>Pennisetum</i>
pent Gr.	adj.	five	pentandrous
per- L.	pref.	through, very	perennial, <i>peramoenus</i>
peri- Gr.	pref.	around	pericarp
persic Gr.	n.	peach	<i>Lycopersicon</i>
pet L.	v.	go toward, seek	centripetal
phall Gr.	n.	the penis, testes	<i>Amorphophallus</i>
phaner Gr.	adj.	visible, manifest	phanerogam
phil Gr.	adj.	loving, fond of	entomophilous
phob Gr.	n.	fear, flight	calciphobia
phor Gr.	n.	a thief	<i>Phoradendron</i>
phor Gr.	v.	bearing, carrying	gynophore
phyl Gr.	n.	race, stock	phylogeny
phyll Gr.	n.	leaf	macrophyllous
phyt Gr.	n.	plant	phytologist
pil L.	n.	hair	piliferous
pinn L.	n.	feather	pinnatifid
platy Gr.	adj.	broad, wide, flat	<i>platycarpus</i>
plei Gr.	adj.	more, many	pleiopetalous
pleur Gr.	n.	side or rib	pleurotribal
ploc Gr.	n.	lock of hair, curl, wreath	<i>Symplocus</i>
plur L.	adj.	several, many	plurilocular
pod Gr.	n.	foot	<i>Podophyllum</i>
pogon Gr.	n.	beard	<i>Andropogon</i>

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Component	Type	Meaning	Example
poly Gr.	adj.	many, much	polypetalous
por Gr.	n.	opening, passage	poricidal
potam Gr.	n.	river	<i>Potamogeton</i>
prae- L.	pref.	before, in front, early	praecocious
prim L.	adj.	first	<i>primulus</i>
pro- Gr.	pref.	before, in front of, forward	proanthesis
proto- Gr.	pref.	first, primary	protandrous
psamm Gr.	n.	sand	psammophilous
pseud Gr.	adj.	false, deceptive	<i>pseudoacacius</i>
psil Gr.	adj.	naked, smooth	<i>Psilostrophe</i>
psor Gr.	n.	itch, mange, skin disease	<i>Psoralea</i>
psychr Gr.	n.	cold	psychrometer
pter Gr.	n.	wing	pterocarpous
pterid Gr.	n.	male fern, wing	<i>Pteridophyta</i>
pub L.	n.	the hair of puberty	pubescent
pulchr L.	adj.	beautiful	<i>pulcherrimus</i>
pulv L.	n.	dust	<i>pulverulentus</i>
punct L.	adj.	point or dot	<i>punctatus</i>
pycn Gr.	adj.	dense, close, compact	<i>pynostachya</i>
pyr Gr.	n.	fire	<i>Pyracantha</i>
pyr, pir L.	n.	pear	pyriform
pyr Gr.	n.	wheat	<i>Agropyron</i>
pyrrh Gr.	adj.	flame-colored, reddish	<i>Pyrrhopappus</i>

### Q

quadri L.	adj.	four	<i>quadrifolius</i>
quinque L.	adj.	five	<i>quinquefolius</i>

### R

rach Gr.	n.	a spine, backbone, axis, ridge	rachilla
ram L.	n.	a branch	<i>ramulosus</i>
ran L.	n.	a frog	<i>Ranunculus</i>
re- L.	pref.	back, again	reflexed
ren L.	n.	kidney	reniform
ret L.	n.	a net	reticulate
retr L.	adj.	backward	<i>retroflexus</i>
rhach Gr.	n.	See <i>rach</i> .	rhachilla
rhiz Gr.	n.	root	rhizoid
rhod Gr.	n.	a rose	<i>Rhododendron</i>

Component	Type	Meaning	Example
rhynch Gr.	n.	a beak, snout	rhynchosporous
rigid L.	adj.	stiff, inflexible	rigidulous
rip L.	n.	the bank of a stream	riparian
riv L.	n.	stream	<i>rivularis</i>
rostr L.	n.	a snout, beak, or bill	rostellum
rot L.	n.	a wheel	rotiform
rotund L.	adj.	round	<i>rotundifolius</i>
rub, rubr L.	adj.	red, ruddy	rurescent
ruf L.	adj.	red	<i>rufidulus</i>
rug L.	n.	wrinkle, crease	<i>rugosus</i>
rup L.	n.	rock	<i>rupestris</i>

S

sacc L.	n.	a sac, a bag	saccate
sacchr Gr.	n.	sugar	<i>saccharoides</i>
sagitt L.	n.	an arrow	<i>sagittifolius</i>
salic L.	n.	willow	<i>salicifolius</i>
sangu L.	n.	blood	<i>Sanguinarius</i>
saur Gr.	n.	lizard	<i>Saururus</i>
sax L.	n.	stone, rock	<i>Saxifraga</i>
scabr L.	adj.	rough	scabrous
schiz Gr.	v.	to split	schizocarp
scop L.	n.	twig, shoot, broom	<i>scoparius</i>
scord Gr.	n.	plant with garlic odor	<i>Nothoscordum</i>
seb L.	n.	suet, grease, tallow	sebaceous
sect L.	v.	cut	bisect
semper L.	adv.	forever, always	<i>sempervirens</i>
senec L.	adv.	an old man, old	<i>Senecio</i>
sep L.	n.	hedge, partition, fence	<i>Septium</i>
sept L.	n.	wall, enclosure	septifragal
ser L.	adj.	late, slow	<i>serotinus</i>
serr L.	n.	saw	serrate
set L.	n.	a bristle, a hair	<i>Setaria</i>
silv L.	n.	a wood, forest	<i>silvaticus</i>
siphon Gr.	n.	a tube	<i>Stenosiphon</i>
sobol L.	n.	sprout, offshoot	soboliferous
sor Gr.	n.	a heap	sorus
sperm Gr.	n.	seed	gymnosperm
sphaer Gr.	n.	sphere, ball	<i>sphaerocarpus</i>
spic L.	n.	a point, spike	spicate
spin L.	n.	a thorn, spine	spinulous
spir Gr.	n.	a coil, spiral, twist	spiricle

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Component	Type	Meaning	Example
spor Gr.	n.	seed, spore	sporophyll
squam L.	n.	a scale	<i>squamosus</i>
steg Gr.	n.	cover, roof	<i>Physostegia</i>
stell L.	n.	a star	<i>Stellaria</i>
stemm Gr.	n.	a crown, wreath, garland	<i>Agrostemma</i>
sten Gr.	adj.	narrow	<i>stenandrius</i>
steph Gr.	n.	wreath, to surround	<i>Androstephium</i>
stich Gr.	n.	a line or row of things	<i>Polystichium</i>
stoma, stomat Gr.	n.	mouth	stomatic
strept Gr.	adj.	bent, pliant, twisted	<i>streptopus</i>
stri L.	n.	a furrow, channel	<i>striatus</i>
strob Gr.	n.	a top, a whirling around	<i>strobilus</i>
stroph Gr.	v.	turning, twisting	<i>strophostylus</i>
styl Gr.	n.	style, stake, pillar	<i>Stylosanthes</i>
suav L.	adj.	sweet, pleasant	suaveolent
sub- L.	pref.	under, below, close to	subsessile
subul L.	n.	an awl	subulate
sulc L.	n.	a furrow, groove	sulcate
super- L.	pref.	over, above, on top	superaxillary
supin L.	adj.	lying on the back	resupinate
supra- L.	pref.	above, beyond, before	supranodal
sylv L.	n.	a wood, forest	<i>sylvaticus</i>
sym- Gr.	pref.	with, together	symbiosis
syn- Gr.	pref.	See <i>sym-</i> .	synema

### T

tax Gr.	n.	order, arrangement	phyllotaxy
tel Gr.	n.	end, purpose, completion	teleology
tele Gr.	adj.	far, far off, at a distance	<i>Teloepa</i>
tenu L.	adj.	thin, narrow, slender	<i>tenuifolius</i>
tephr Gr.	n.	ashes	<i>Tephrosa</i>
tern- L.	pref.	in threes, three at a time	ternate
terr L.	n.	earth	<i>terrestris</i>
tetr Gr.	adj.	four	tetrاندrous
tham Gr.	adj.	crowded, close	<i>Euthamia</i>
thamn Gr.	n.	copse, thicket, bush	<i>Chrysothamnus</i>
thel Gr.	n.	nipple, teat	<i>thelephorus</i>
therm Gr.	n.	heat	thermotaxis
thes Gr.	n.	a putting or setting in order	photosynthesis
thet Gr.	n.	See <i>thes</i> .	synthetic



<b>Component</b>	<b>Type</b>	<b>Meaning</b>	<b>Example</b>
<b>thigm</b> Gr.	n.	touch	thigmotropism
<b>tinct</b> L.	v.	dyed	<i>tinctorius</i>
<b>tom</b> Gr.	v.	cutting	dichotomy
<b>tor</b> L.	n.	swelling, protuberance, bed couch	torus
<b>tort</b> L.	adj.	twist, bend	<i>contorta</i>
<b>toxic</b> Gr.	n.	poison	<i>Toxicodendron</i>
<b>trachy</b> Gr.	adj.	rough, shaggy	<i>trachycarpus</i>
<b>trag</b> Gr.	n.	a male goat	<i>Tragopogon</i>
<b>tri-</b> L., Gr.	pref.	three, in three parts	trifoliolate
<b>trich-</b> Gr.	pref.	in three parts	trichotomous
<b>trich</b> Gr.	n.	hair	<i>Trichomanes</i>
<b>trop</b> Gr.	v.	turning, changing, bending	heliotropic
<b>turg</b> L.	v.	swell	turgescient
<b>typo</b> L.	n.	model, pattern, figure	ecotype

**U**

<b>umbell</b> L.	n.	a little shade (parasol)	umbelliferous
<b>un</b> L.	adj.	one, single	<i>uniflorus</i>
<b>unc</b> L.	n.	a hook, barb	<i>uncinatus</i>
<b>urce</b> L.	n.	pitcher	urceolate

**V**

<b>vacc</b> L.	n.	cow	<i>Vaccinium</i>
<b>vagin</b> L.	n.	a sheath	<i>vaginaeflorus</i>
<b>vall</b> L.	n.	valley, groove	vallicula
<b>ver</b> L.	n.	spring (season)	vernal
<b>verruc</b> L.	n.	a wart	<i>verrucosus</i>
<b>vers</b> L.	adj.	turning easily, versatile	<i>versutus</i>
<b>vertic</b> L.	n.	a whorl	<i>verticillata</i>
<b>vesic</b> L.	n.	a blister, bladder	<i>vesicarius</i>
<b>vesper</b> L.	n.	evening, west	<i>vespertinus</i>
<b>vest</b> L.	v.	to cover, clothe	<i>vestitus</i>
<b>vill</b> L.	n.	long shaggy hair	villous
<b>vir</b> L.	adj.	green	<i>virescens</i>
<b>virg</b> L.	n.	a thin green twig or wand	<i>virgatus</i>
<b>volv</b> L.	v.	to roll, turn, twist	<i>convolvulus</i>
<b>vulp</b> L.	n.	fox	<i>vulpinus</i>

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Component	Type	Meaning	Example
<b>X</b>			
<b>xanth</b> Gr.	adj.	yellow	<i>Xanthium</i>
<b>xen</b> Gr.	n.	guest, stranger	xenogamy
<b>xer</b> Gr.	adj.	dry	xerophytic
<b>Z</b>			
<b>zo</b> Gr.	n.	alive, living, animal	zoospore
<b>zyg</b> Gr.	n.	yoke	zygomorphic