

PLANT SYSTEMATICS TERMS TO KNOW

VEGETATIVE

annual
 biennial
 perennial
 herb/herbaceous
 succulent
 suffrutescent
 woody
 shrub
 tree
 liana
 vine
 basal rosette
 xerophyte
 epiphyte

 adventitious roots
 aerial
 prop
 fibrous roots
 tap root

 a/caulescent
 node
 internode
 cladode/cladophyll
 stolon
 rhizome
 tuber
 bulb
 culm

 thorns
 spines
 prickles

 bud
 axil
 scar

 adaxial
 abaxial
 petiole
 pulvinus
 blade (lamina)
 stipule
 sheath

alternate
 opposite
 whorled
 distichous
 basal/cauline
 decussate
 equitant
 spirally arranged

 acuminate
 acute
 attenuate
 cuneate
 sagittate
 rounded
 oblique
 sheathing

 arcuate venation
 parallel venation
 reticulate venation
 palmate venation
 pinnate venation

 simple
 compound
 palmate
 pinnate
 even-pinnate
 odd-pinnate
 bipinnate
 petiolule
 pinna
 pinnule
 leaflet
 rachis

 crenate
 toothed
 dentate
 entire
 serrate
 biserrate

 linear
 lanceolate
 elliptic
 deltoid
 oblanceolate

obovate
 acute
 obtuse
 ovate
 oblique
 cordate
 peltate
 dissected
 lobed

 indumentum (vestiture)
 stellate hairs
 glabrous (glabrate)
 pubescent
 hirsute
 glaucous
 fimbriate

 bract
 latex
 ligule
 ocrea
 pellucid
 plicate
 tendril
 terete

FLORAL
 actinomorphic (-phy)
 zygomorphic (-phy)

 adnate/adnation
 connate/connation
 -merous
 uni-
 bi-
 tri-
 tetra-
 penta-

 complete
 incomplete
 imperfect (unisexual)
 perfect (bisexual)
 dioecious
 monoecious

 pedicel
 receptacle

FLORAL (continued)

sepals
calyx
epicalyx
petals
corolla
perianth
uniseriate
tepals
corona
nectar disk
nectaries
spur
labellum
column

androecium
anther
stamen
filament
versatile anthers
pollinia
staminate
laminar stamen

gynoecium
stigma
style
ovary
ovule
pistil
carpel
pistillate
locule

hypanthium
involucre

caducous
sessile
subtend

connivent
diadelphous
didynamous
tetradynamous
epipetalous
monadelphous

cruciform
campanulate
tubular
bilabiate
salverform
rotate
funnelform

inferior
superior
half-inferior (half-superior)
epigynous
perigynous
hypogynous

INFLORESCENCE

peduncle
scape

capitulum (head)
disc flower
ray flower
pappus
phyllary
catkin
corymb
cyathium
cyme
raceme
panicle
spadix
spathe
spike
umbel

spikelet
floret
lemma
palea
glume
awn

determinate
indeterminate

pseudanthium

FRUIT

achene

berry
capsule
circumscissile
loculicidal
septicidal
poricidal
caryopsis
drupe
follicle
legume
nut
pepo
pome
samara
schizocarp
siliques/silicles

placentation
axile
lateral
free-central
parietal
basal

endosperm
perisperm

aggregate fruit
multiple fruit
syconium

**MISCELLANEOUS
TERMS**

apo-
aut-
sym-
syn-
apomorphic
synapomorphy
plesiomorphic
homoplasy
monophyly/monophyletic
paraphyly/paraphyletic
polyphyly/polyphyletic
polytomy

type specimen
holotype
protologue