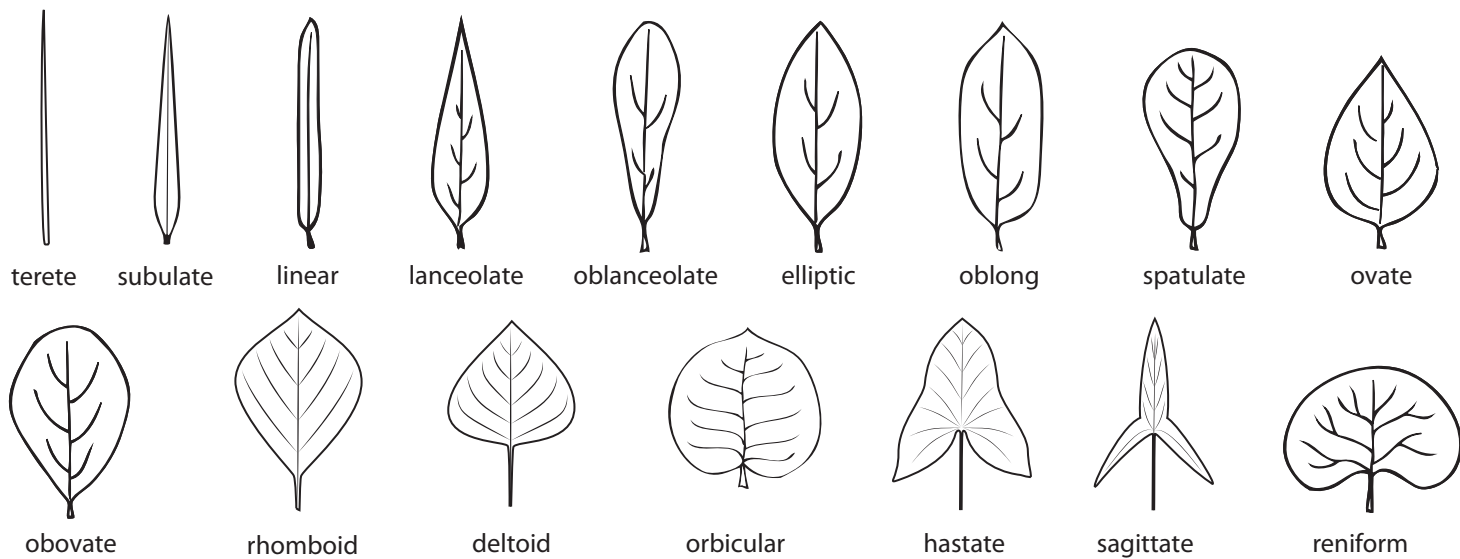
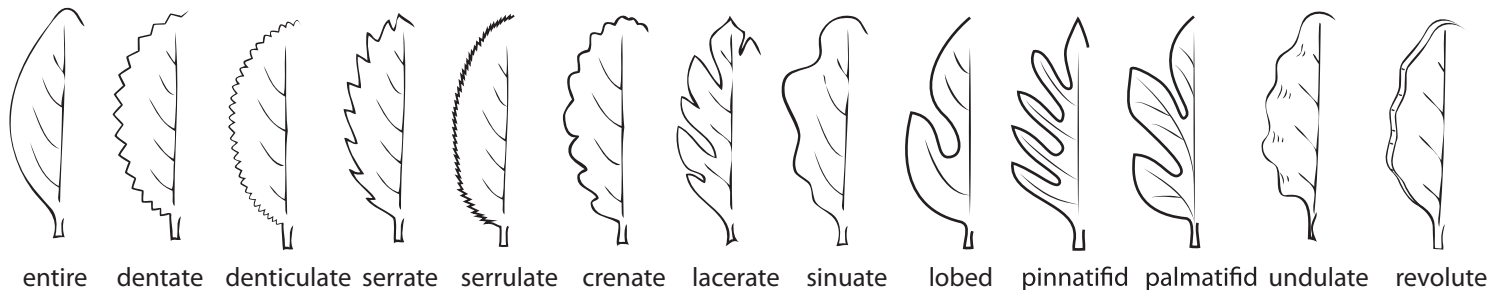


# Illustrated Plant Structures

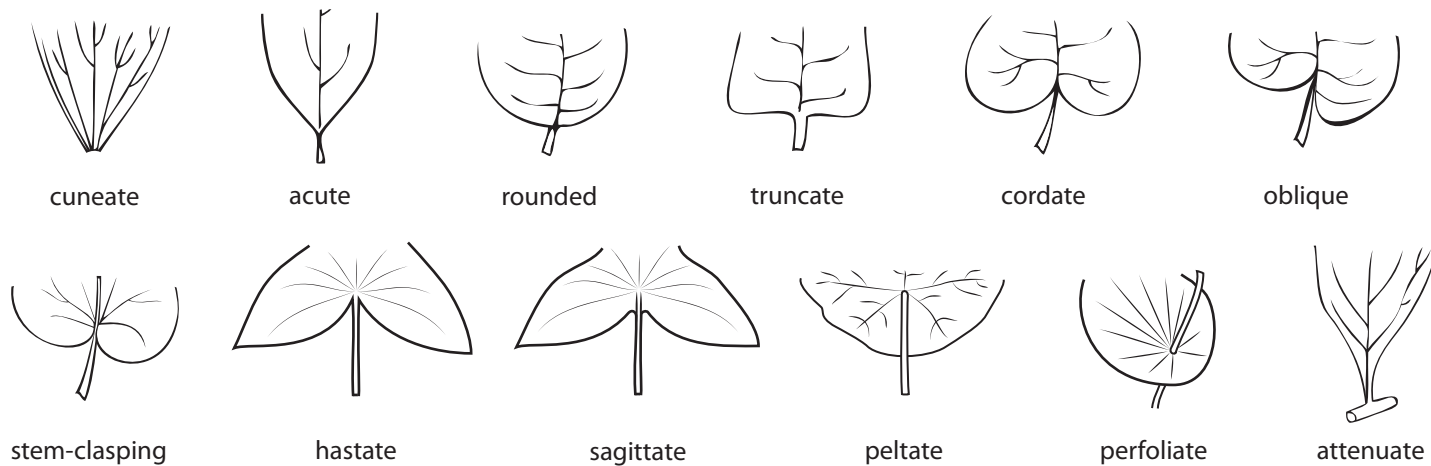
## Leaf Shapes



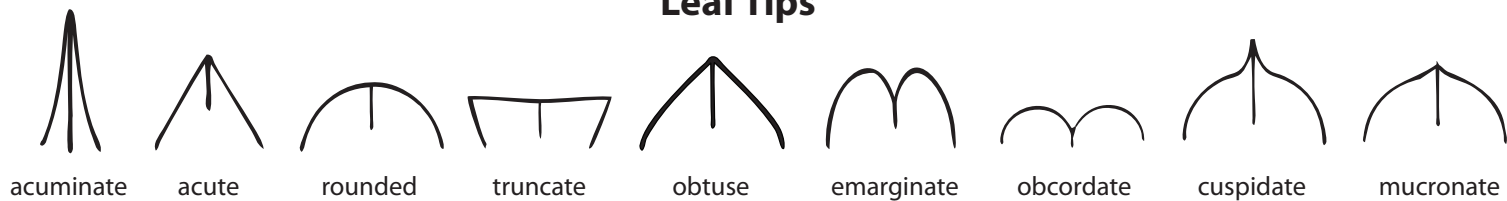
## Leaf Margins



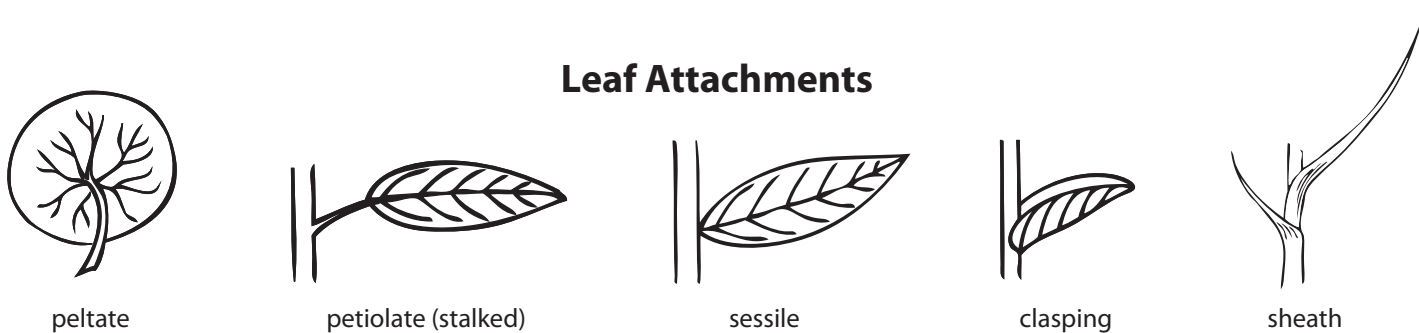
## Leaf Bases



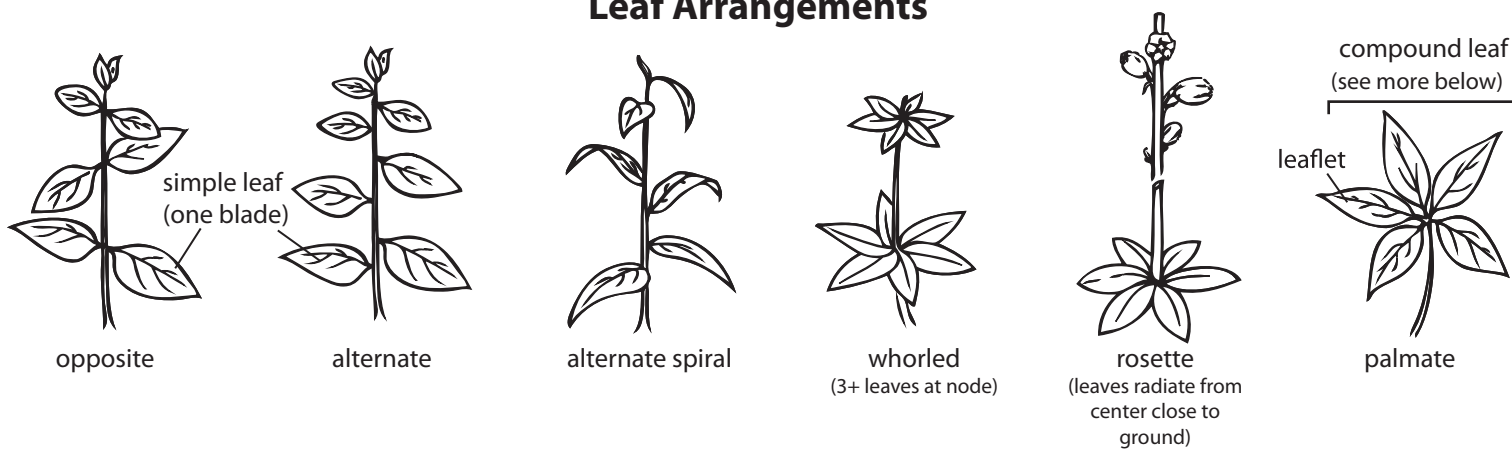
## Leaf Tips



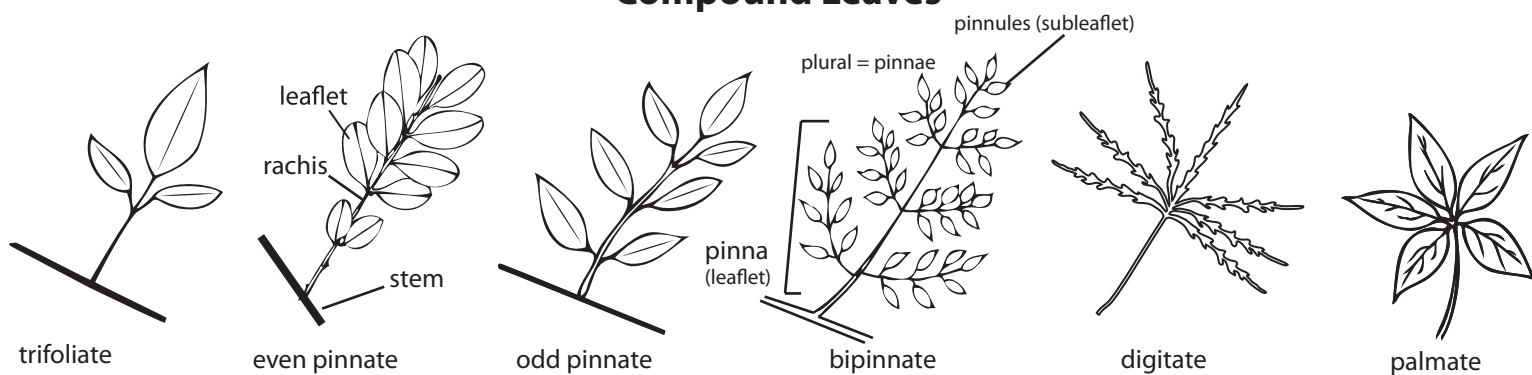
## Leaf Attachments



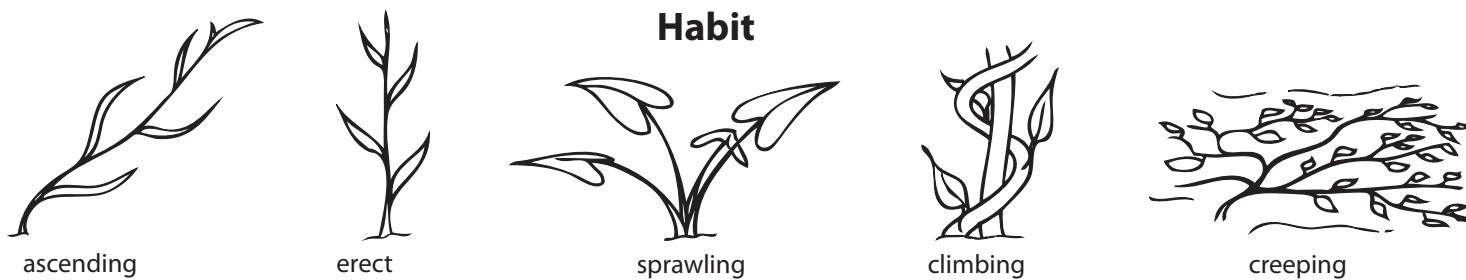
## Leaf Arrangements



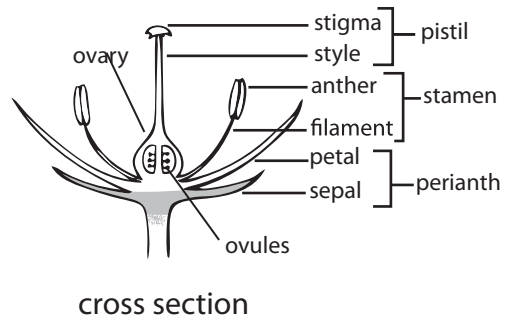
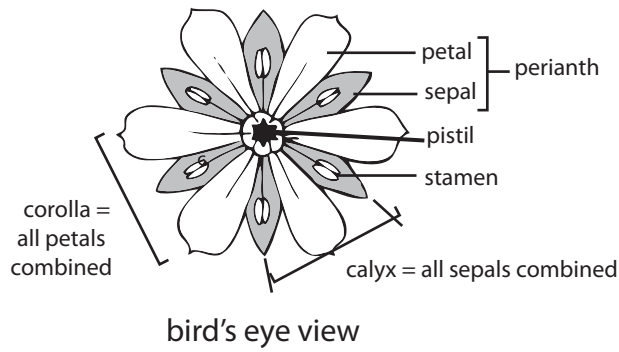
## Compound Leaves



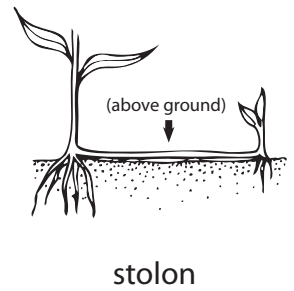
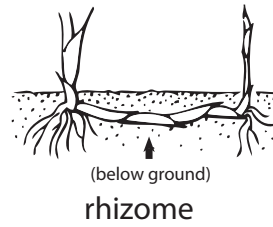
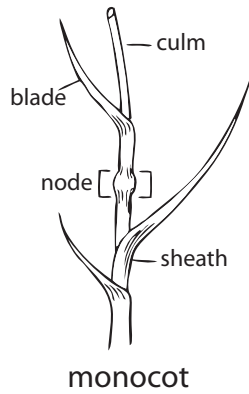
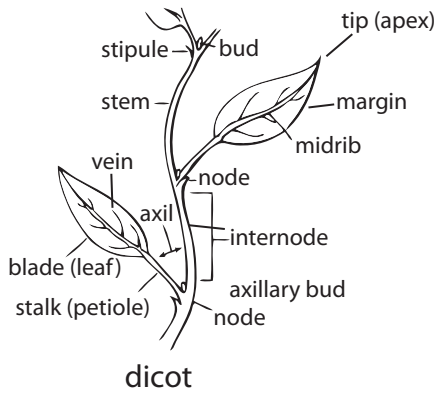
## Habit



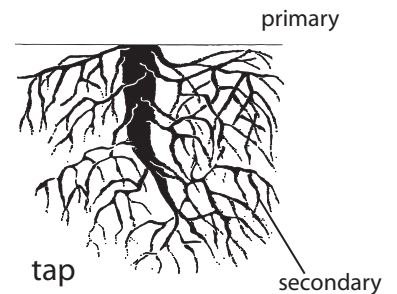
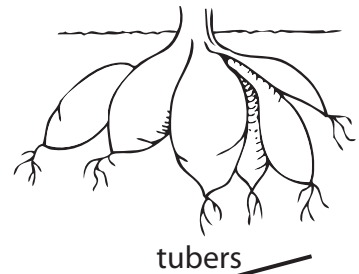
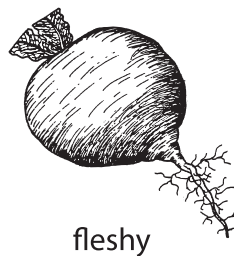
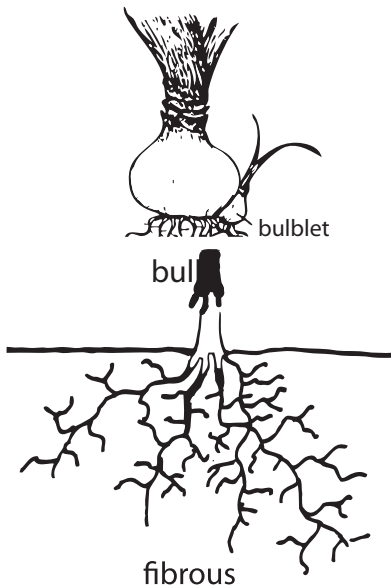
## Flower Parts



## Stems



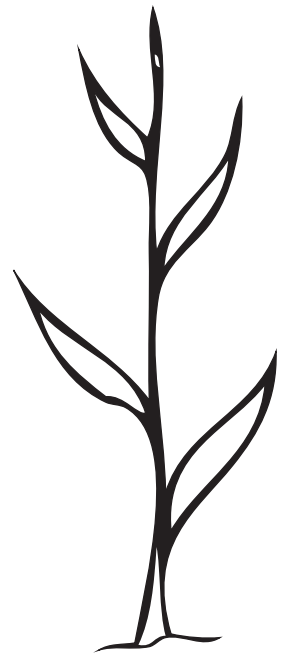
## Roots



# Habit



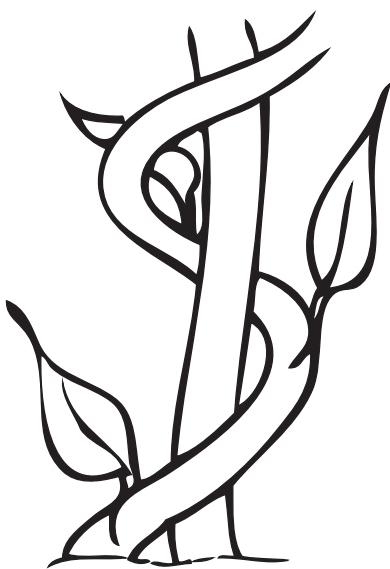
ascending



erect



sprawling



climbing



creeping

# Leaf Shapes



terete



subulate



linear



lanceolate



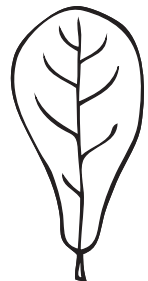
oblanceolate



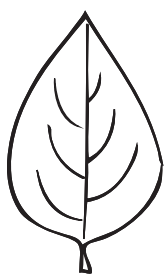
elliptic



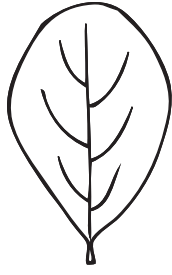
oblong



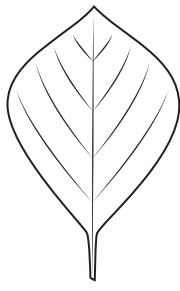
spatulate



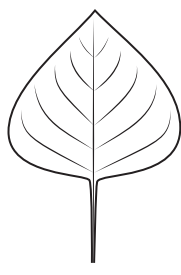
ovate



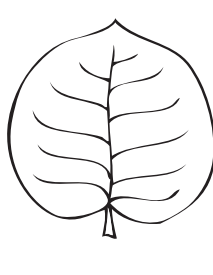
obovate



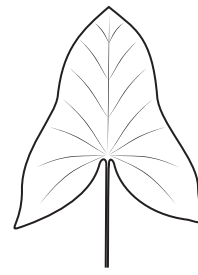
rhomboid



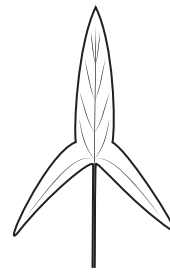
deltoid



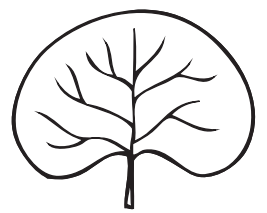
orbicular



hastate



sagittate



reniform

# Leaf Margins



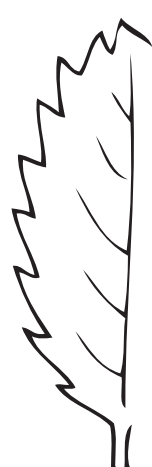
entire



dentate



denticulate



serrate



serrulate



crenate



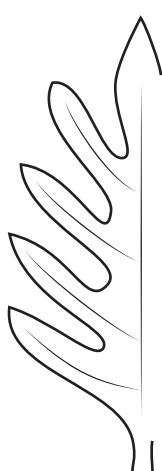
lacerate



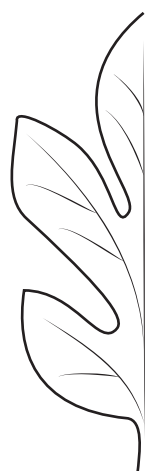
sinuate



lobed



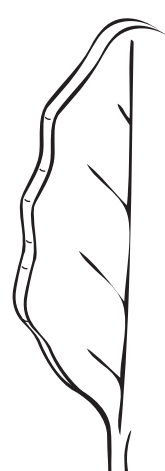
pinnatifid



palmatifid

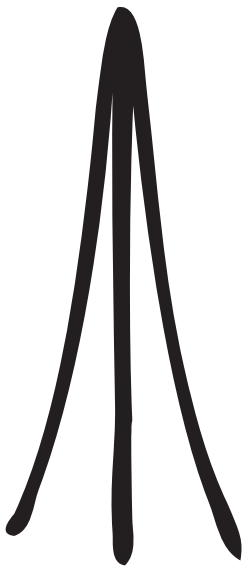


undulate



revolute

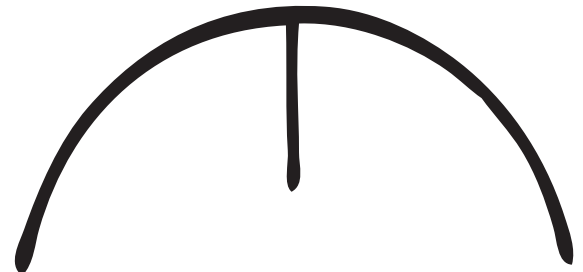
# Leaf Tips



acuminate



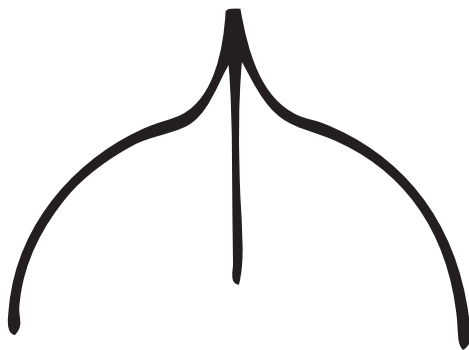
acute



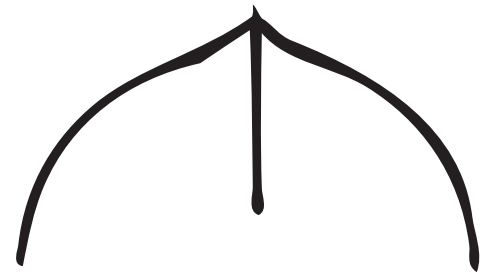
rounded



obcordate



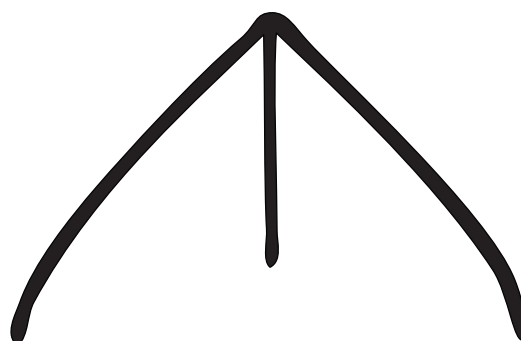
cuspidate



mucronate



truncate



obtuse

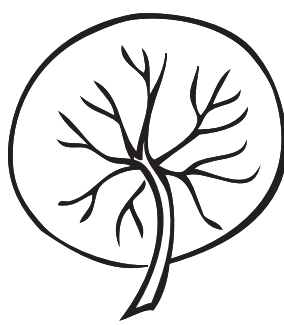


emarginate

# Leaf Attachments



clasping



peltate



petiolate (stalked)

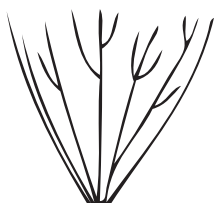


sheath

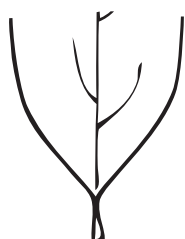


sessile

# Leaf Bases



cuneate



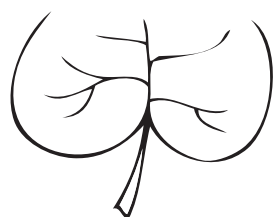
acute



rounded



truncate (squared)



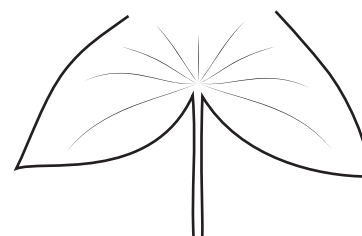
cordate



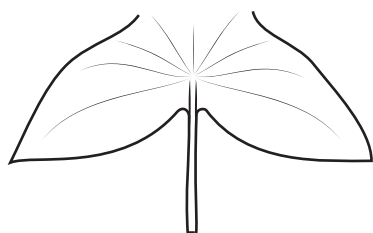
oblique



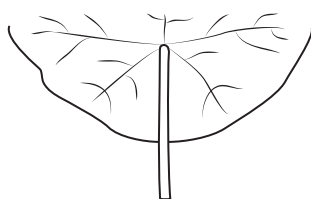
stem-clasping



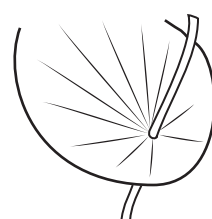
hastate



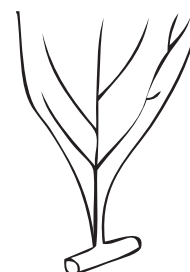
sagittate



peltate



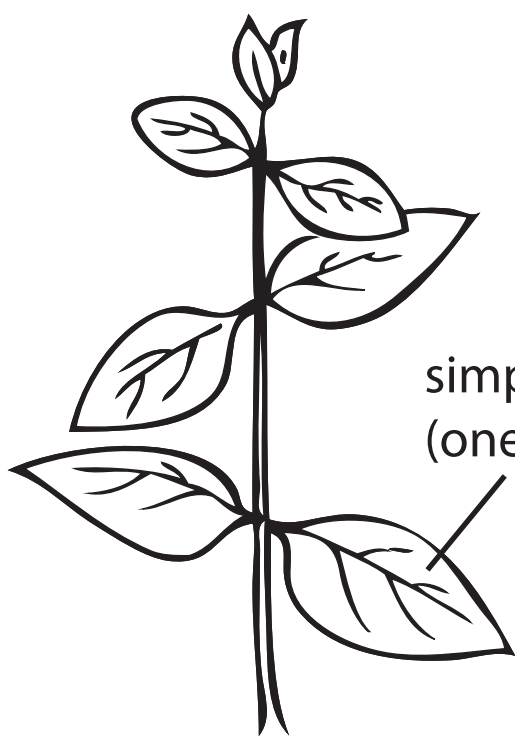
perfoliate



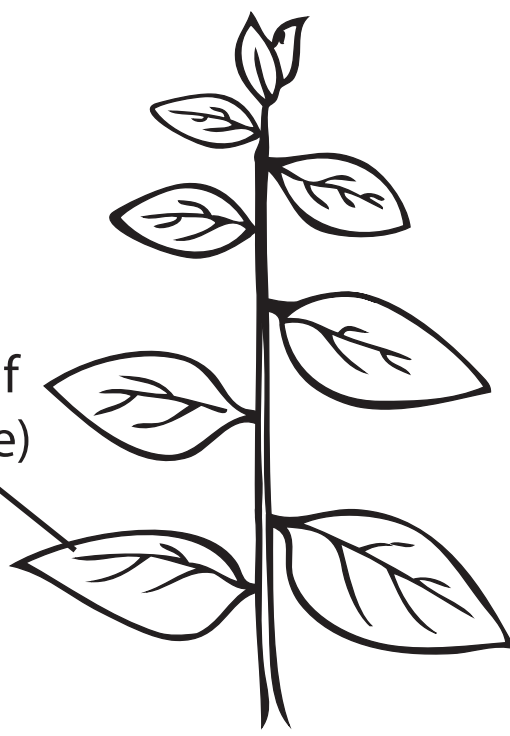
attenuate



# Leaf Arrangements



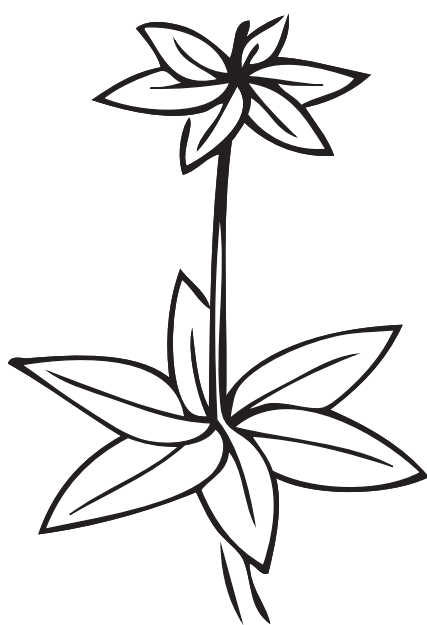
opposite



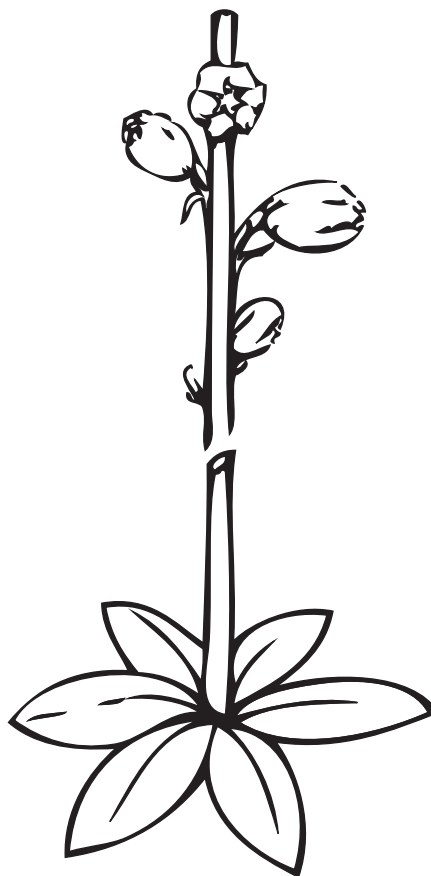
alternate



alternate spiral

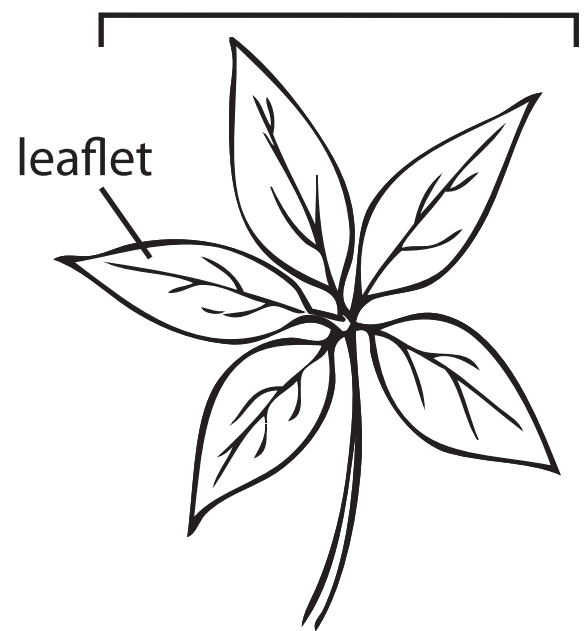


whorled  
(3+ leaves at node)



rosette  
(leaves radiate from  
center close to ground)

compound leaf  
(see compound leaves page for more)



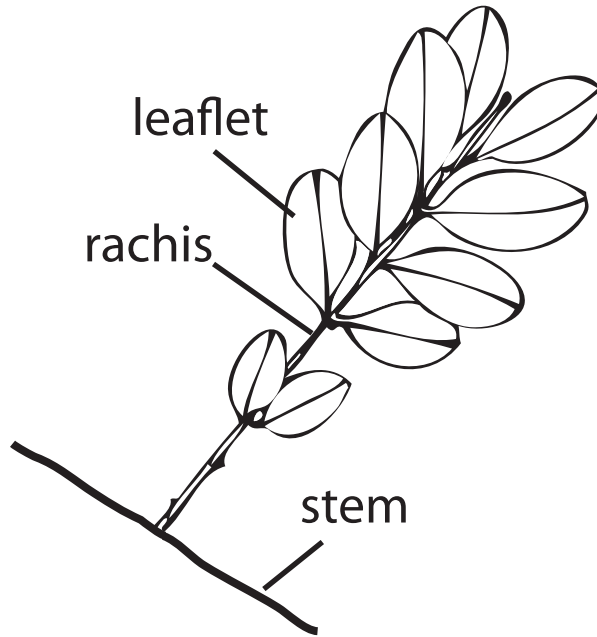
palmate



# Compound Leaves



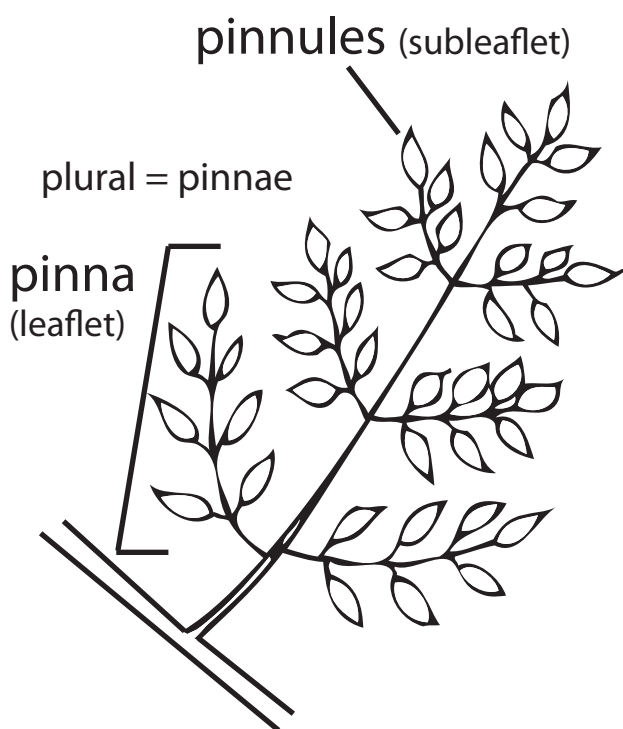
trifoliate



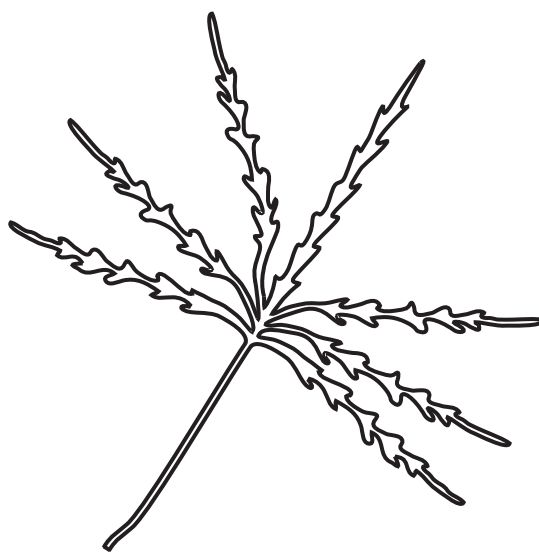
even pinnate



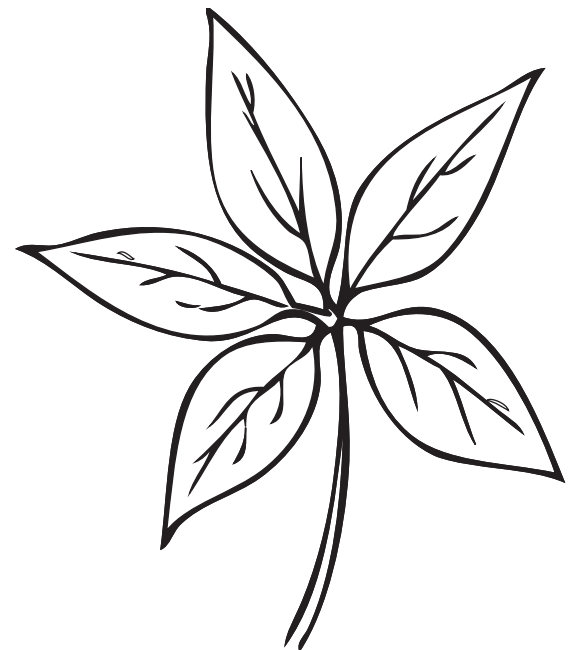
odd pinnate



bipinnate

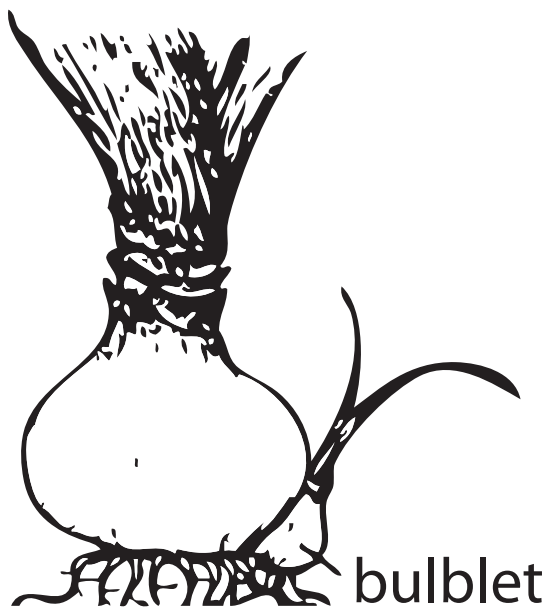


digitate

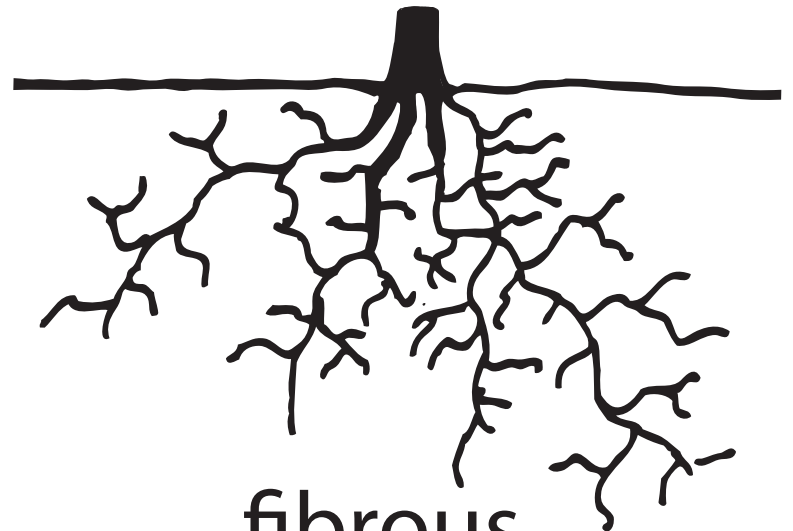


palmate

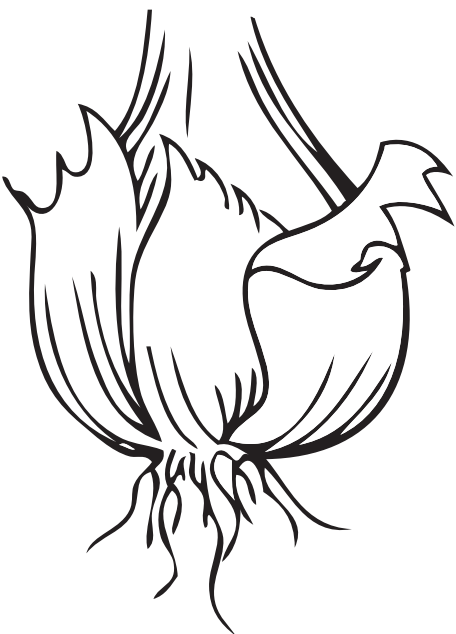
# Roots



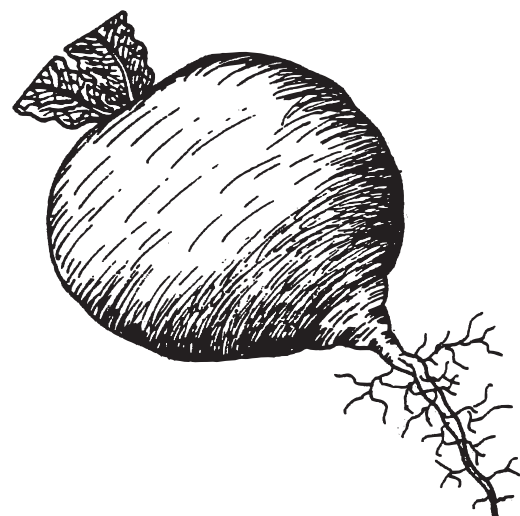
bulb



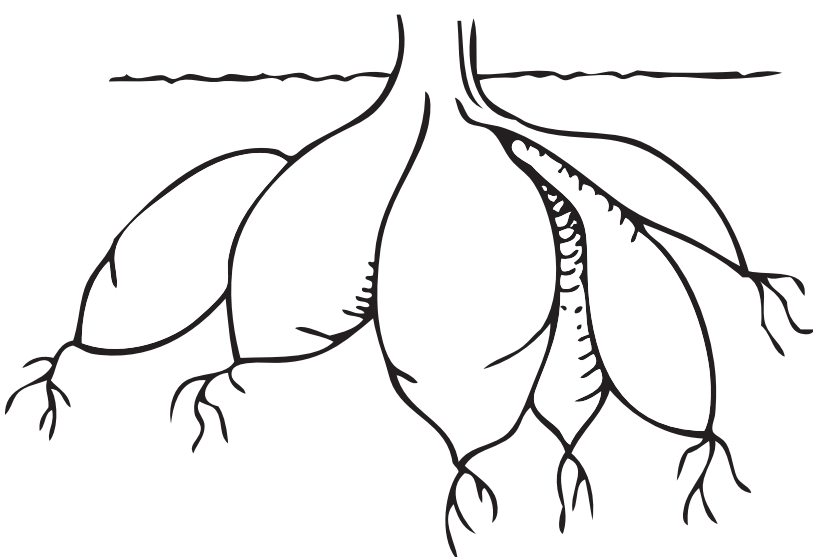
fibrous



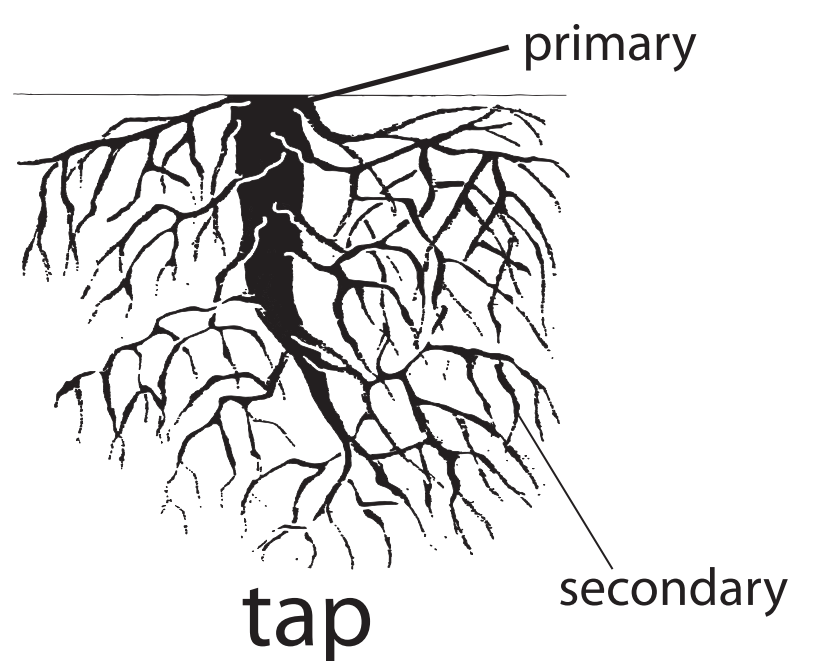
corm



fleshy

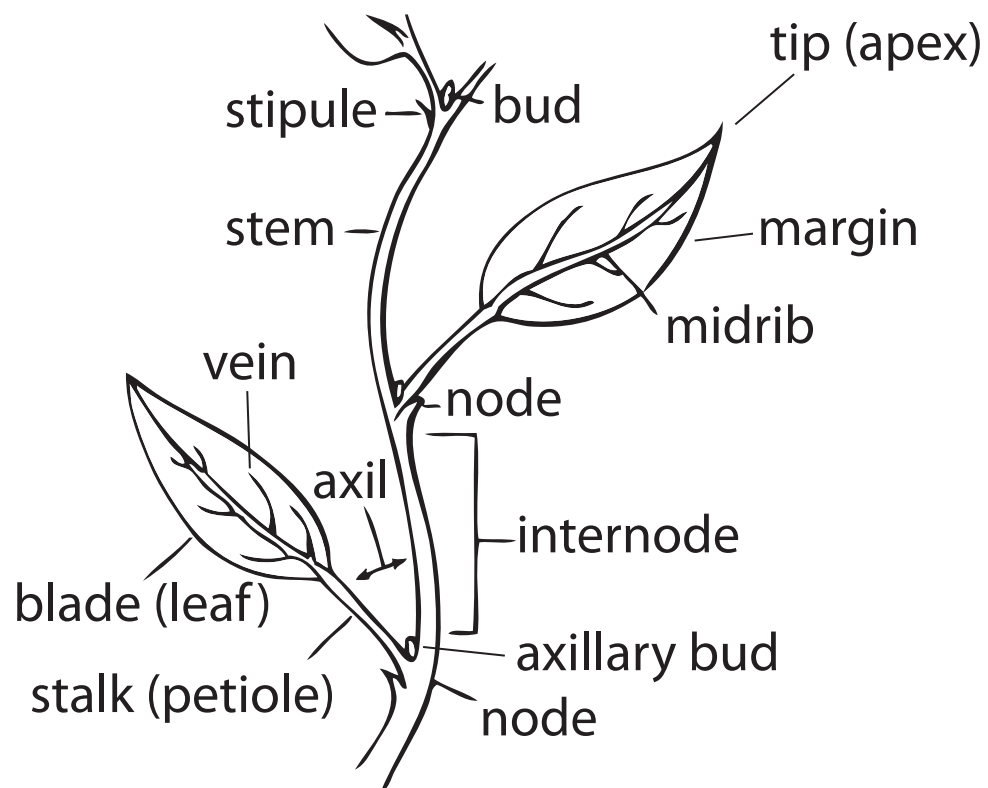


tubers

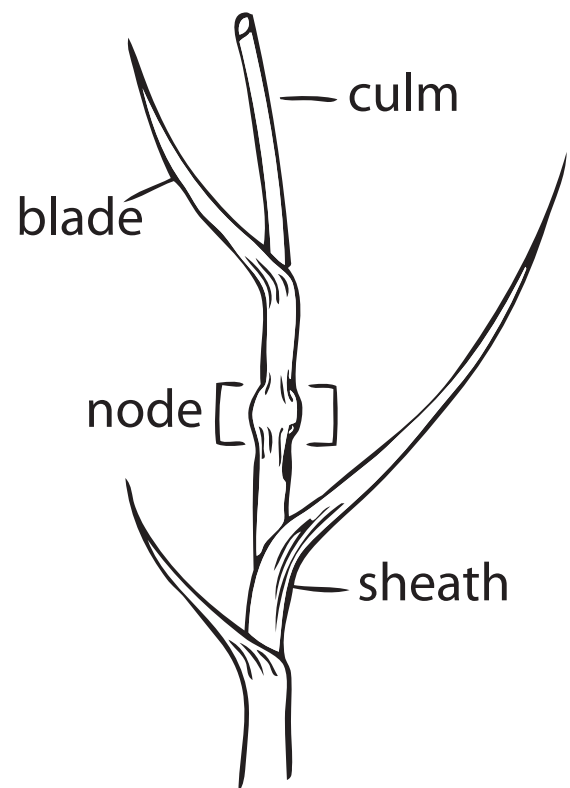


tap

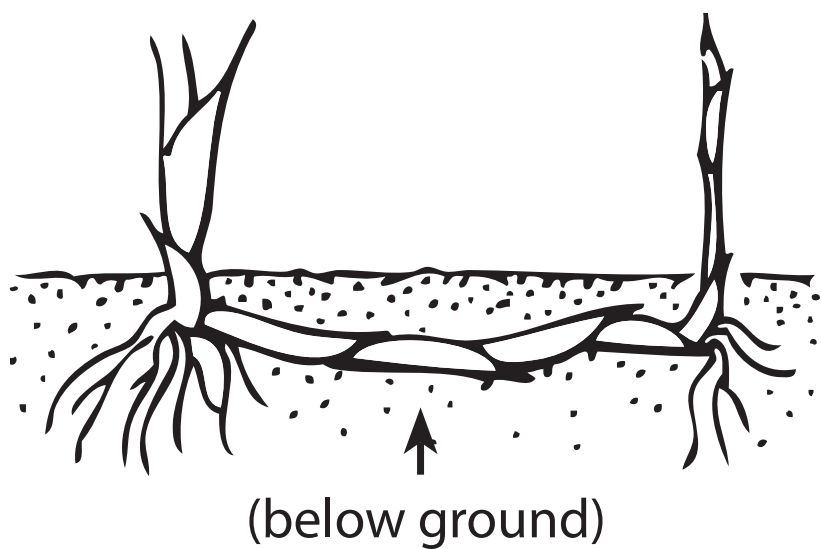
# Stems



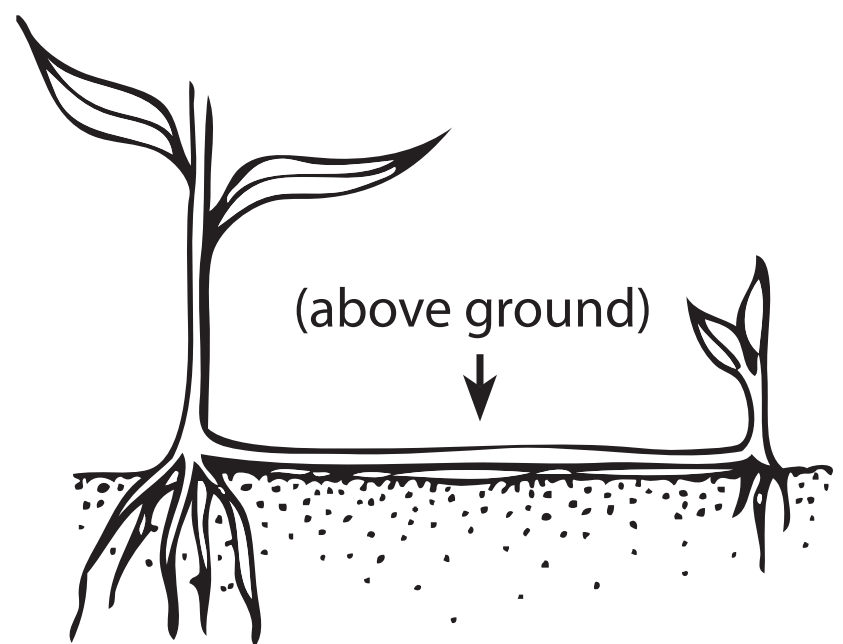
dicot



monocot



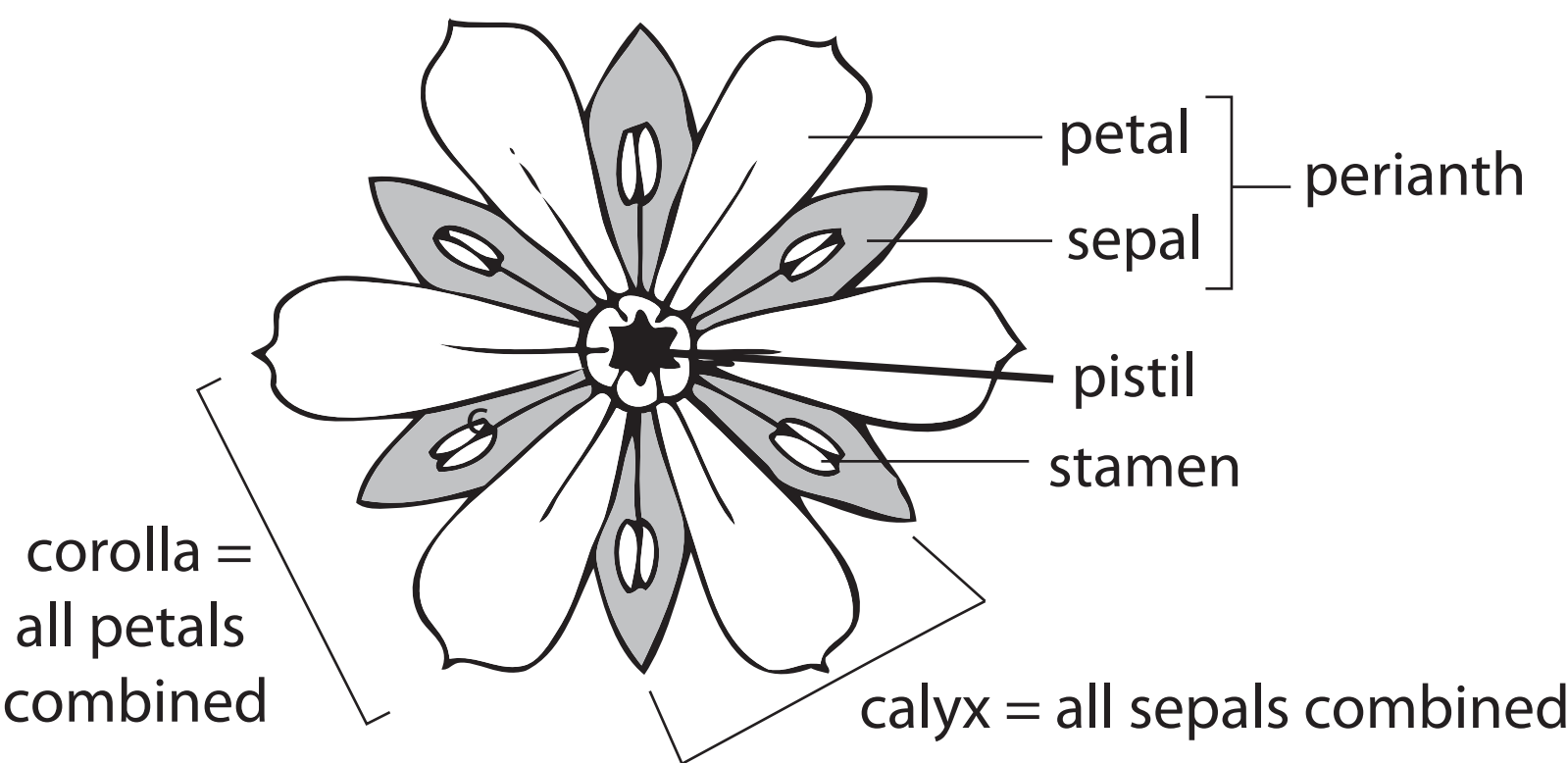
rhizome



stolon

# Flower Parts

bird's eye view



cross section

