

### MAJOR PLANT DIVISIONS

Division	Examples	Descriptive Term	Dominant Generation	Water Required to Reproduce	Non-vascular or Vascular	Produce Spores	Homosporous or Heterosporous	Produce Seeds/Fruit	Produce Pollen	Produce Cones/Flowers
Bryophyta	moss liverwort	bryophyte	gametophyte	yes	non-vascular	yes	homosporous	no	no	no
Pterophyta	fern	pterophyte	sporophyte	yes	vascular	yes	homosporous	no	no	no
Coniferophyta	pine spruce cedar fir hemlock redwood	gymnosperm	sporophyte	no	vascular	yes	heterosporous	seeds	yes	cones
Ginkgophyta	Ginkgo	gymnosperm	sporophyte	no	vascular	yes	heterosporous	seeds	yes	pollen cones
Anthophyta	grass oak tree rose buttercup tulip lily wheat corn	angiosperm	sporophyte	no	vascular	yes	heterosporous	seeds and fruit	yes	flowers