

## LAND PLANTS

### Terms

angiosperm  
annual rings  
apical meristem  
bryophyte  
cone-bearing plants  
cotyledon  
fern egg-bearing structure  
fern sperm-bearing structure  
flagellated sperm  
fleshy tap root  
gametophyte  
guard cell  
gymnosperm  
horsetail  
lateral bud  
leaf epidermis  
leaf mesophyll  
meristem  
ovule  
pericarp  
phloem  
plant embryo  
pollen grain  
pollen tube  
pollination  
pollinator  
primary root  
root  
root hairs  
seed  
sporophyte  
stem  
stomata  
terminal bud  
transpiration  
vascular cambium  
vascular tissue  
xylem

### Concepts

plants that made coal  
age of first bryophyte  
male vs. female pine cone  
age of first seedless vascular plants  
age of angiosperm dominance  
age of gymnosperm dominance  
functions of true roots  
functions of xylem and phloem  
role of capillary action in distributing fluids through plants  
role of vascular cambium in stem growth  
vascular bundles in monocots vs. dicots

### Processes

life cycle of flowering plants  
life cycle of mosses and ferns  
meristem growth  
pollination