

TAXON	VASCULAR TISSUES?	MONOECIOUS /DIOECIOUS ?	SEEDS?	ROOTS?	LEAVES?	REPRODUCTION	NOTES
Bryophyta mosses and liverworts						antheridia archegonia flagellated sperm	
Psilophyta whisk ferns		dioecious		no, rhizomes			sporophyte dominant
Lycophyta club mosses		dioecious			yes, microphyll		
Sphenophyta horsetails		dioecious					
Pterophyta ferns			no			biflagellate sperm sori (clusters of sporangia)	free-living gametophyte
Cycadophyta cycads							Micro-gametophyte = pollen grain
Ginkgophyta ginkgo							spur shoots
Coniferophyta conifers	yes						