












Phylum	Example	No. of Species (est.)	Description
Anthocerotophyta		100 - 300	<u>Hornworts:</u> nonvascular plants with one chloroplast per thallus cell
Bryophyta		12,000	<u>Mosses:</u> nonvascular plants with wiry stems that reproduce by spores
Cycadophyta		< 100	<u>Cycads:</u> nonflowering vascular plants with large pinnately compound leaves
Ginkgophyta		1	<u>Gymnosperm:</u> One extant tree species: Ginkgo biloba
Gnetophyta		70	<u>Gymnosperm:</u> The presence of vessel elements, a system of conduits that transport water within the plant.
Lycopodiophyta		1,300	<u>Vascular ferns:</u> allies without seeds or flowers, having single microphyll leaf veins
Magnoliophyta		300,000	<u>Flowering plants:</u> that have vascular systems and are seed producing
Marchantiophyta		9,000	<u>Liverworts:</u> nonvascular plants with one-celled rhizoids
Ochrophyta		12,000 - 30,000	<u>Diatoms, Algae, Kelp:</u>
Pinophyta		630	<u>Gymnosperm conifers:</u> that have vascular systems and cones, but no flowers
Polypodiophyta		10,560	<u>Ferns:</u> vascular plants lacking flowers and seeds, reproducing by spores