

Classification of Plants

Non-Vascular Plants

- Hepatophyta
- Anthocerophyta
- Bryophyta

Spore-dispersing Vascular Plants

- Lycophyta
 - Lycopodiaceae
 - Selaginellae
 - Isoetae
- Pteridophyta
 - Equisetales
 - Psilotales
 - Pterophyta
 - Ophioglossales
 - Mararritales
 - Filicales
 - Marileales
 - Salviniaceae
- Rhyniophyta - Extinct
- Zosterophyllophyta - Extinct
- Trimerophytophyta -Extinct

Seed-dispersing Vascular Plants

- Progymnospermophyta - Extinct
 - Pteridospermales
 - Cordaitales
 - Bennettitales
- Cycadophyta
- Ginkgophyta
- Coniferophyta
- Gnetales
- Anthophyta
 - Eudicotyledones
 - Monocotyledones
 - Archaeofractales - Fossil progenitor of Magnoliids
 - Magnoliids
 - Magnoliales - Magnolia and Laurel families
 - Illiciales - Star Anise, Avocado and Pepper families
 - Nymphaeales - Water Lilies
 - Amborellales - *Amborella*

Aquatic Plant (Algae) Phyla

- Rhodophyta
- Chlorophyta
 - Chlorophyceae
 - Ulvophyceae
 - Charophyceae (most closely allied to the Land Plants)
 - Coleochaetales
 - Charales