

Plantae

I. General Characteristics

II. Photosynthesis

III. Movement to land

IV. Evolutionary time table

V. Plant structures

- Alternation of generations
- Vascular bundles (Phloem and Xylem)
- Reproductive Structures (flower)
- Gas flow (in plants leaves)

VI. Classification

- Nonvascular Plants
 - Phylum Hepatophyta (liverworts)
 - Phylum Bryophyta (mosses)
- Seedless Vascular Plants
 - Phylum Equisetophyta (horsetails)
 - Phylum Pteridophyta (Ferns; Pteridiophyta)
 - Phylum Psilotophyta (wisk ferns)
 - Phylum Lycopodophyta (club mosses)
- Gymnosperms
 - Phylum Coniferophyta (conifers; Pinophyta)
 - Phylum Cycadophyta (cycads)
 - Phylum Ginkgophyta (ginkgos)
 - Phylum Gnetophyta (ephedras; gnetophytes)
- Angiosperms
 - Phylum Anthophyta (flowering plants; Magnoliophyta)
 - Class Monocots (Liliopsida)
 - Class Eudicits (Magnoliopsida)