**Angiosperms**Anthophyta
 -Monocotyledonae
 -Dicotyledonae

**Gymnosperms**Cycadophyta *(Zamia pumila)*
Ginkophyta *(Ginko biloba)*
Gnetophyta *(Ephedra)*Coniferophyta *(Pinus)*

Bryophyta
 - Hepaticae *(Marchantia)*
 -Musci *(Mnium)*
Psilotophyta *(Psilotum nudum)*

Lycophyta *(Lycopodium)*
Sphenophyta *(Equisetum arvense)*Pterophyta *(Polypodium)*

**HOMOSPOROUS SPORE PRODUCTION**

Sporangium in sporophyll spore bisexual gametophyte eggs
 sperm

HETEROSPOROUS SPORE PRODUCTION

Megasporanguim in megasporophyll megaspore female gametophyte eggs

Microsporangium in microsporophyll microspore male gametophyte sperm

**Seedless**
-homosporous (most)

**Seeded**
-heterosporous (all)

**Vascular**-woody and herbaceous

**Nonvascular**
-thallus
-use diffusion/cap action/cyto stream

**Kingdom Plantae**
multicellular, photosynthetic eukaryotes
develop from embryos