

DIVISION PTERIDOPHYTA

Roots

Stems

Leaves

Vascular tissue

No seeds

No flowers

No fruits

Alternation of Generation

Haploid Spores

Haploid Gametophytes

Haploid Gametes

Diploid Zygotes

Diploid Sporophytes

Haploid Spores

Very small gametophyte

Zygote on gametophyte

Growth of sporophyte

Sporophyte usually large and obvious

Stem underground (rhizome)

FronD (leaf) the obvious part

FronD simple to **often compound**

Young frond in fiddle head

Sporangia grouped into clusters or rows (sori) on underside of frond

Meiosis to form spores