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