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