

Phylum Tracheophyta

Ferns, Gymnosperms, & Angiosperms

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Examples:

Ferns, gymnosperms, &
angiosperms

- **Vascular plants** – have vascular tissue (xylem & phloem)
- True terrestrial plants



Ferns

- Well developed vascular system therefore, TRUE roots, stems and leaves
- Dominant generation is the **sporophyte**
- Gametophyte is small and independent of sporophyte
- Needs wet environment – water so sperm can swim to egg



Ferns continued:

- Reproduction:

- Sexual – spores dispersed by wind and water
- Asexual – rhizome

Fiddlehead = young sporophyte
= uncurling frond

