

Tracheophyte Phylogeny Poster

Vascular Plants – Systematics and Characteristics

(please click on **Supplemental Information** below for the high-resolution printable A0-size poster)

This educational poster presents an overview of the evolutionary relationships among vascular plants based on broad consensus as of late 2018.

The phylogenetic tree depicts the 3 orders of lycophytes, 11 orders of monilophytes (ferns), and 5 orders (with 12 families) of gymnosperms, listing the main apomorphies and plesiomorphies as well as diagnostic and nondiagnostic anatomical, morphological, and phytochemical features also for higher ranks within the tree.

The intuitive color-coding facilitates memorization and teaching.

Translations of the poster by internationally renown botanists are now available in 12 languages (all available on ResearchGate).

This is part of a series of educational posters on the phylogeny of land plants:

Poster 1: Angiosperms

Poster 2: Tracheophytes: Lycophytes, Ferns, Gymnosperms

Poster 3: Bryophytes: Liverworts, Mosses, Hornworts

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