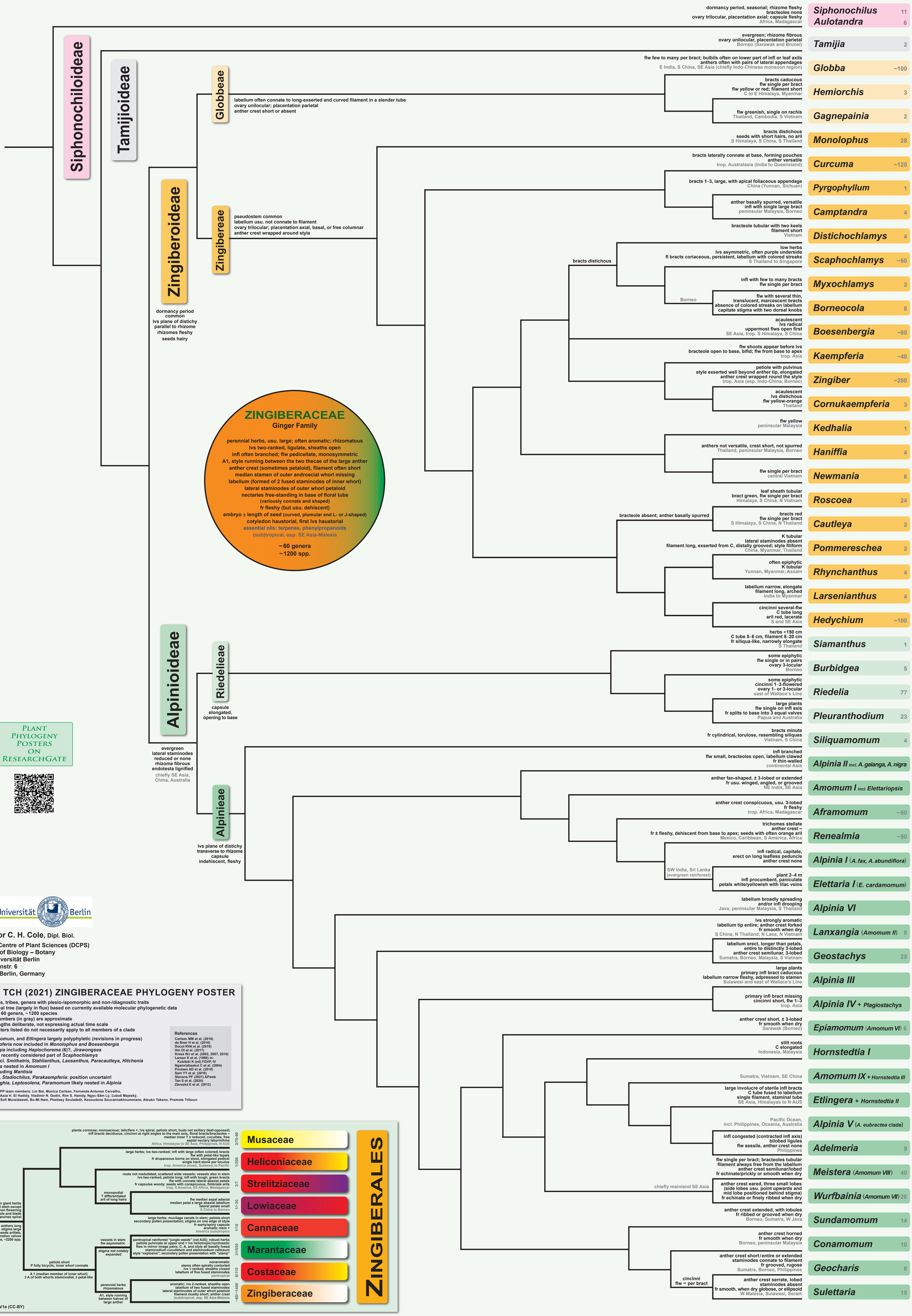
Zingiberaceae Phylogeny Poster



Plant Phylogeny Posters on ResearchGate

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COLE TCH (2021) ZINGIBERACEAE PHYLOGENY POSTER

- subfamilies, tribes, genera with plesio-/apomorphic and non-/diagnostic traits
- hypothetical tree (largely in flux) based on currently available molecular phylogenetic data
- family of ~60 genera, ~1200 species
- species numbers (in gray) are approximate
- branch lengths deliberate, not expressing actual time scale
- the characters listed do not necessarily apply to all members of a clade

Alpinia, *Amomum*, and *Etlingera* largely polyphyletic (revisions in progress)
Caulokaempferia now included in *Monolophus and Boesenbergia*
Boesenbergia including *Haplochorema* (6)?, *Jirawongsea*
Borneocola recently considered part of *Scaphochlamys*
Curcuma incl. *Smithatris, Stahlianthus, Laosanthus, Paracautleya, Hitchenia*
Elettariopsis nested in *Amomum I*
Globba including *Mantisia*
Nanochilus, Stadiochilus, Parakaempferia: position uncertain!
Vanoverberghia, Leptosolena, Paramomum likely nested in *Alpinia*

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