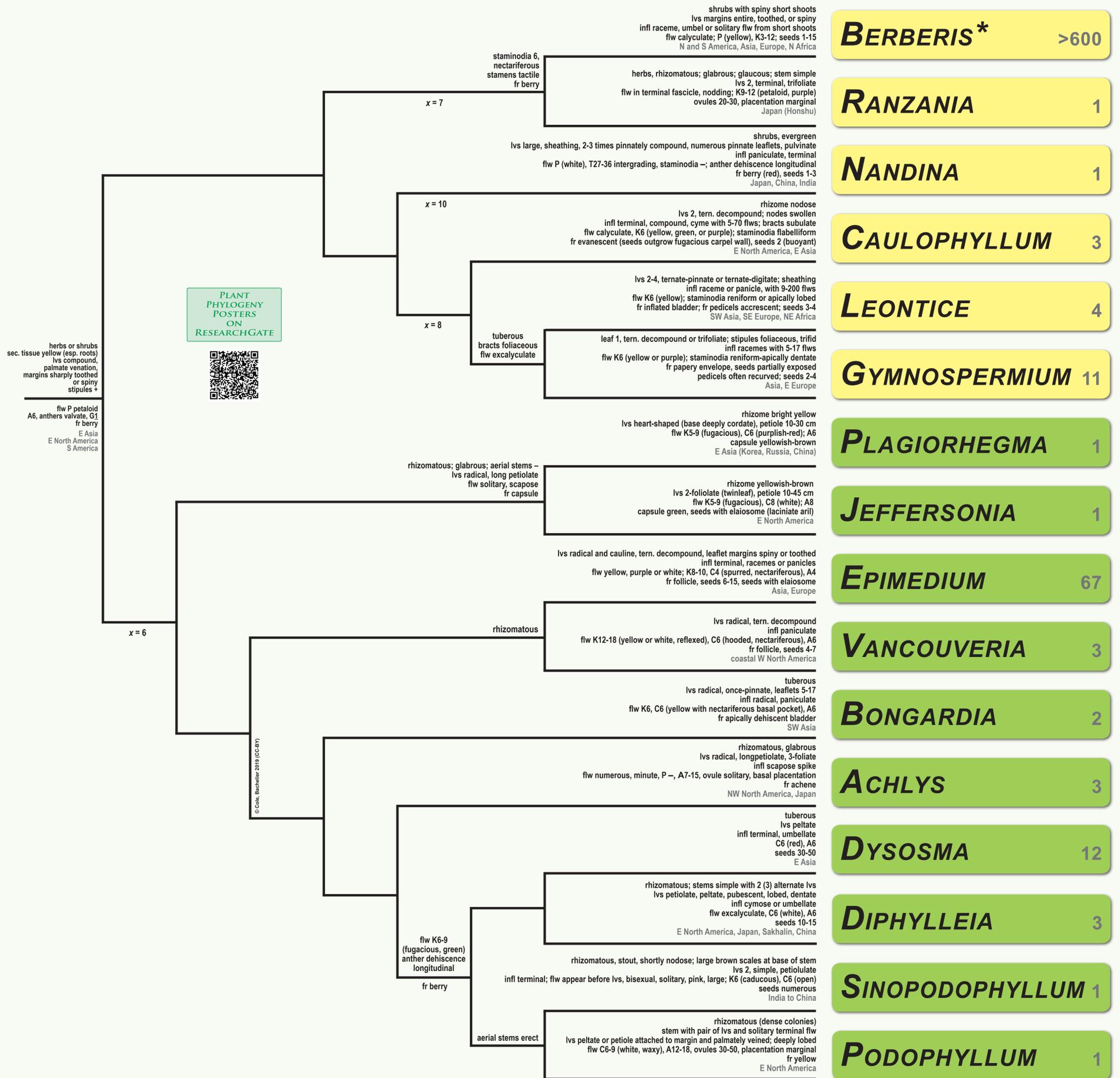


BERBERIDACEAE PHYLOGENY POSTER



BERBERIS* >600

RANZANIA 1

NANDINA 1

CAULOPHYLLUM 3

LEONTICE 4

GYMNOSPERMIUM 11

PLAGIORHEGMA 1

JEFFERSONIA 1

EPIMEDIUM 67

VANCOUVERIA 3

BONGARDIA 2

ACHLYS 3

DYSOSMA 12

DIPHYLLEIA 3

SINOPODOPHYLLUM 1

PODOPHYLLUM 1

COLE TCH, BACHELIER JB (2019) Berberidaceae Phylogeny Poster

- subfamilies, tribes, and genera with plesio-/apomorphic and (non)diagnostic traits
- hypothetical tree based on molecular phylogenetic data (2019), updated regularly
- ca. 14 genera with ca. 700 species
- phylogeny, classification, and features assembled from the References below
- branch lengths deliberate, not expressing actual time scale
- the listed characters do not necessarily apply to all members of a clade
- features taken a.o. from: APweb and Loconte (1993) in Kubitzki, FGVP, Vol. II

Plagiorhagma subsumed under Jeffersonia by some authors
Sinopodophyllum subsumed under Podophyllum by some authors

* Berberis sensu lato here; Yu and Chung (2017) propose four genera:
Berberis, Mahonia, Alloberberis, Moranothamnus

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EUPTELEACEAE

PAPAVERACEAE

LARDIZABALACEAE

CIRCAEASTERACEAE

MENISPERMACEAE

BERBERIDACEAE

RANUNCULACEAE

RANUNCULALES