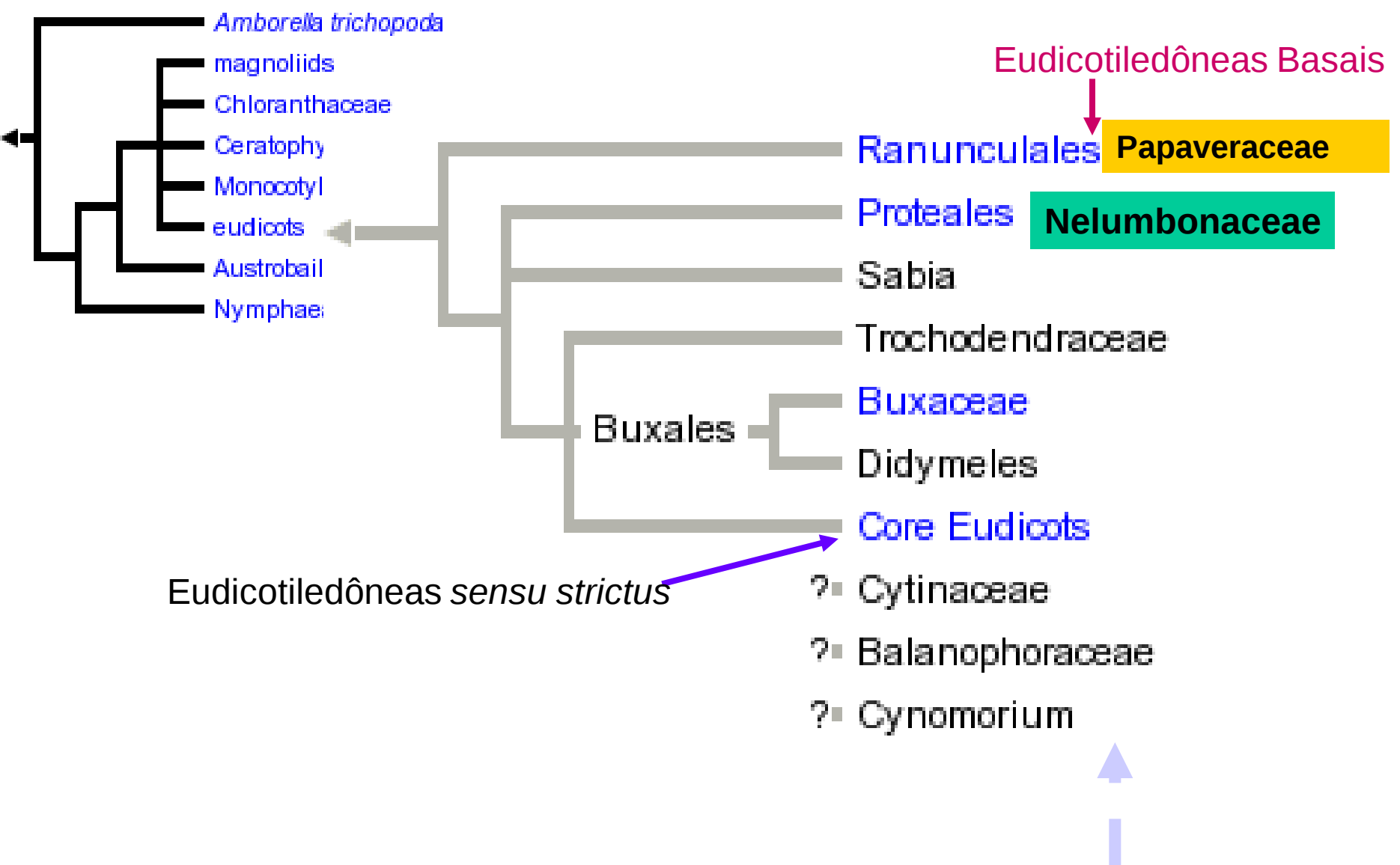
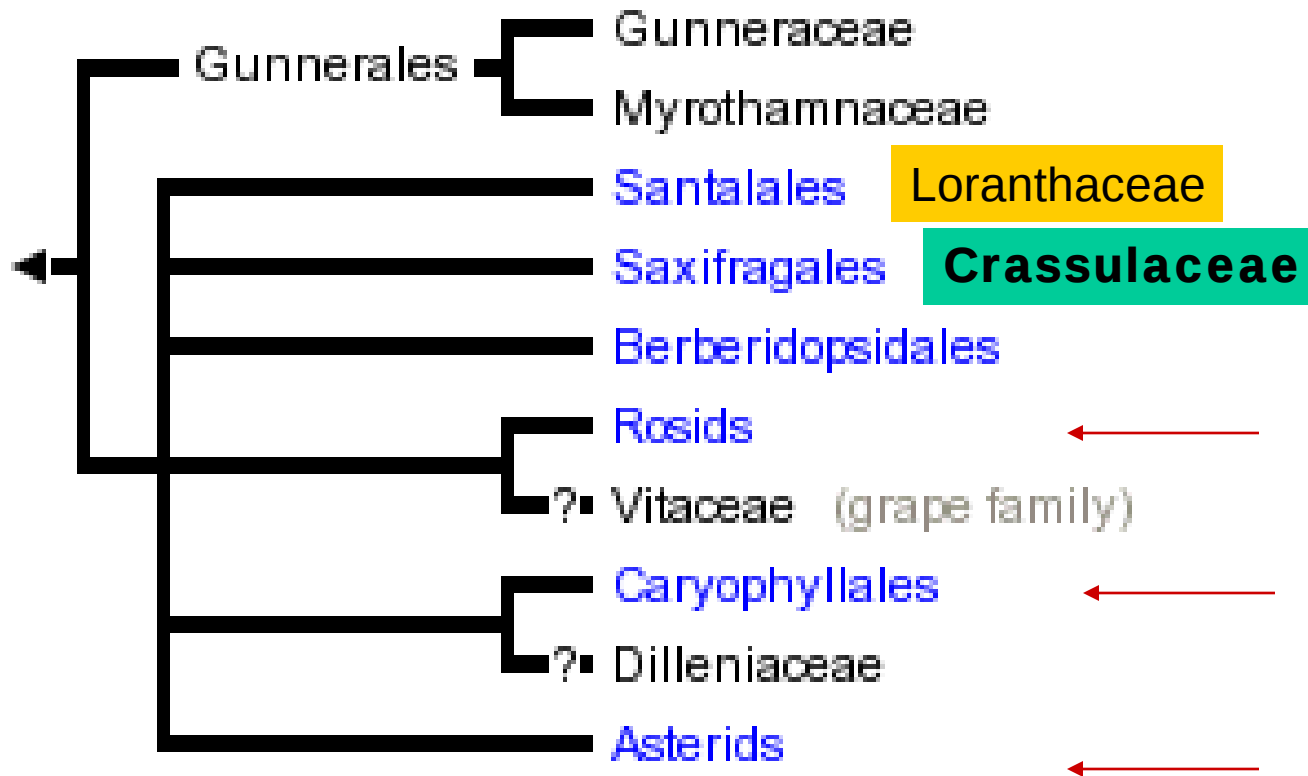
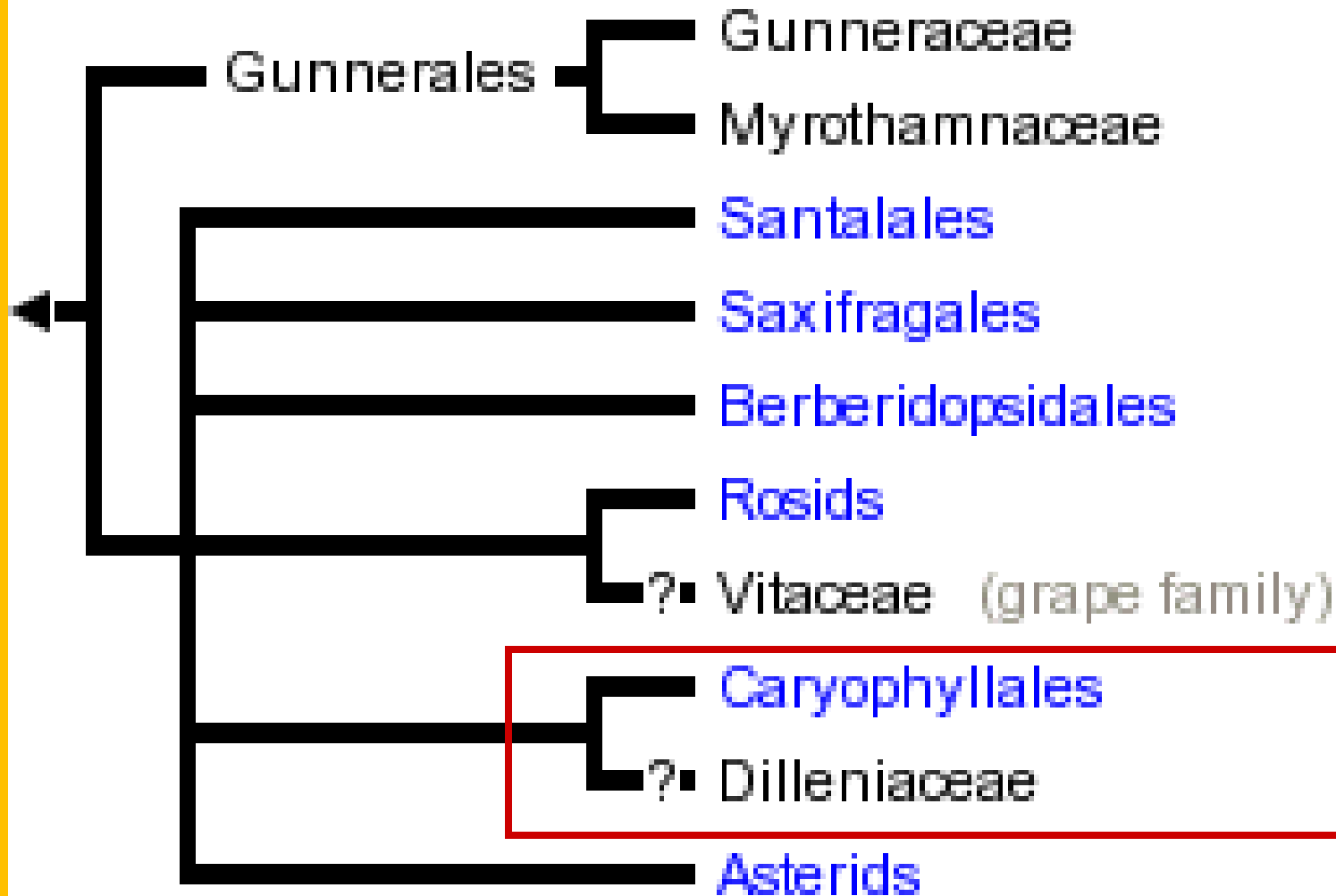




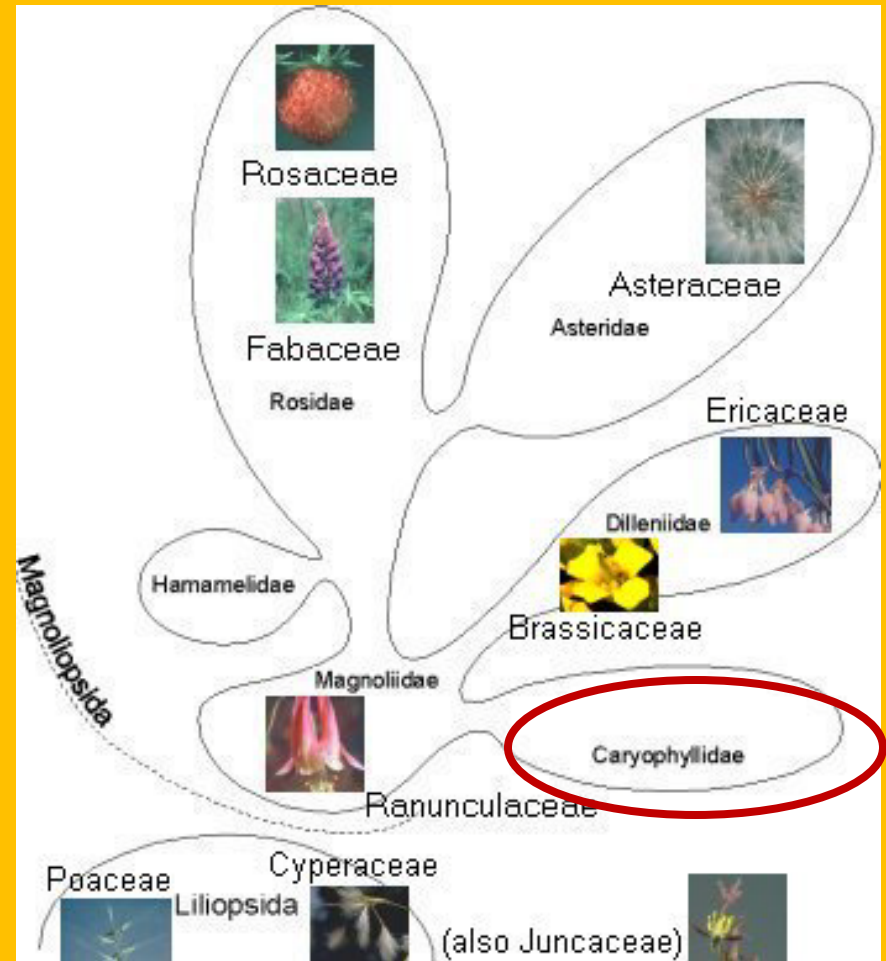
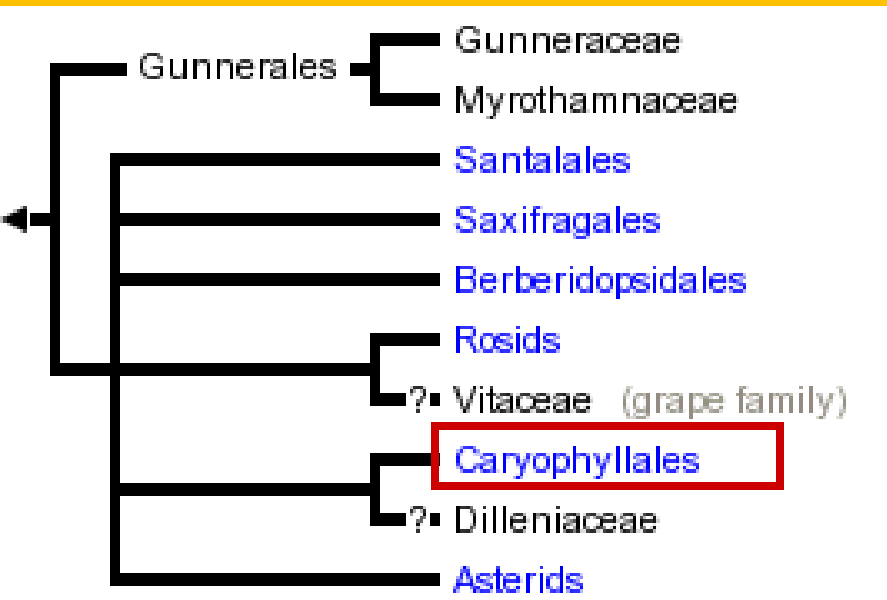
Eudicotyledoneas *sensu strictus*



Eudicotiledôneas - Cariofilídeas



Eudicotyledôneas - Cariofilídeas



Cronquist 1988

Caryophyllales

= Caryophyllidae (Cronquist) e Centrospermae (Engler)

Quimiotaxonomicamente definida pela presença de Betalainas.
A betalaína um corante natural extraído da beterraba tem como principal componente a betanina

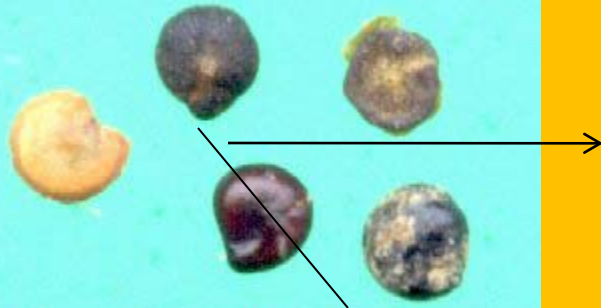


Caryophyllales

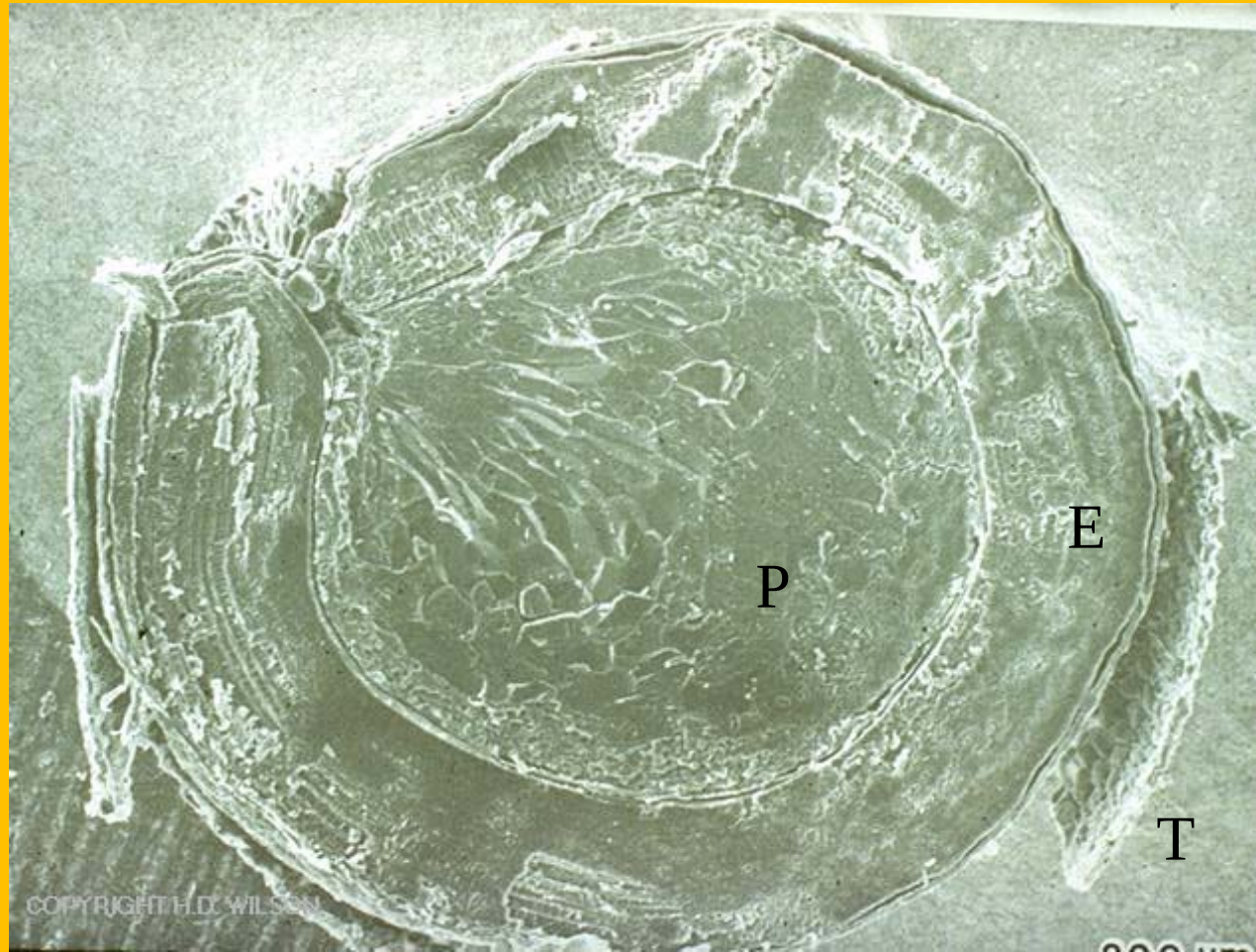
= Caryophyllidae (Cronquist) e Centrospermae (Engler)

Morfologicamente - Semente com perisperma (tecido originário da nucela), embrião encurvado, plac. Central /basal/ parietal.

Chenopodiaceae



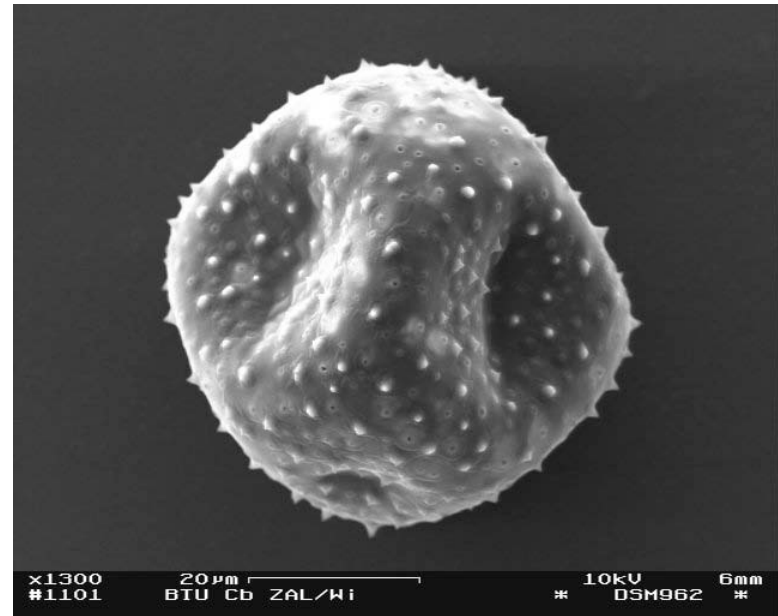
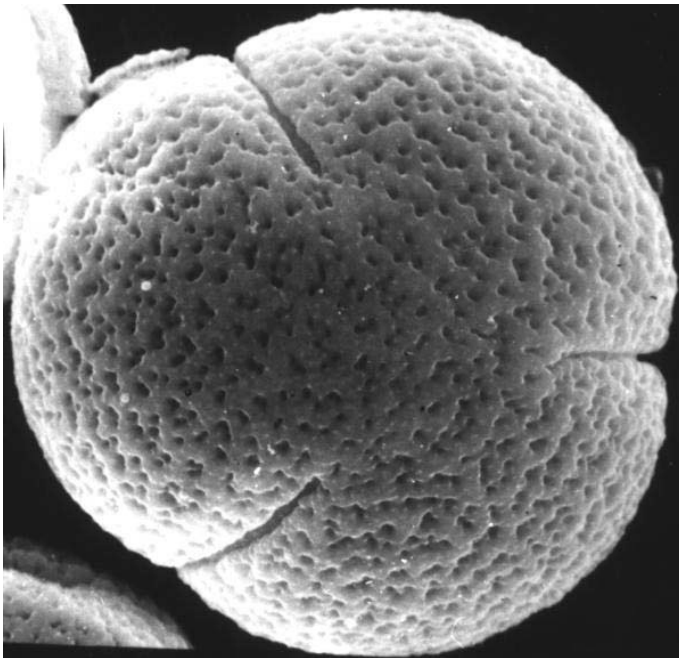
Chenopodium album



Caryophyllales

= Caryophyllidae (Cronquist) e Centrospermae (Engler)

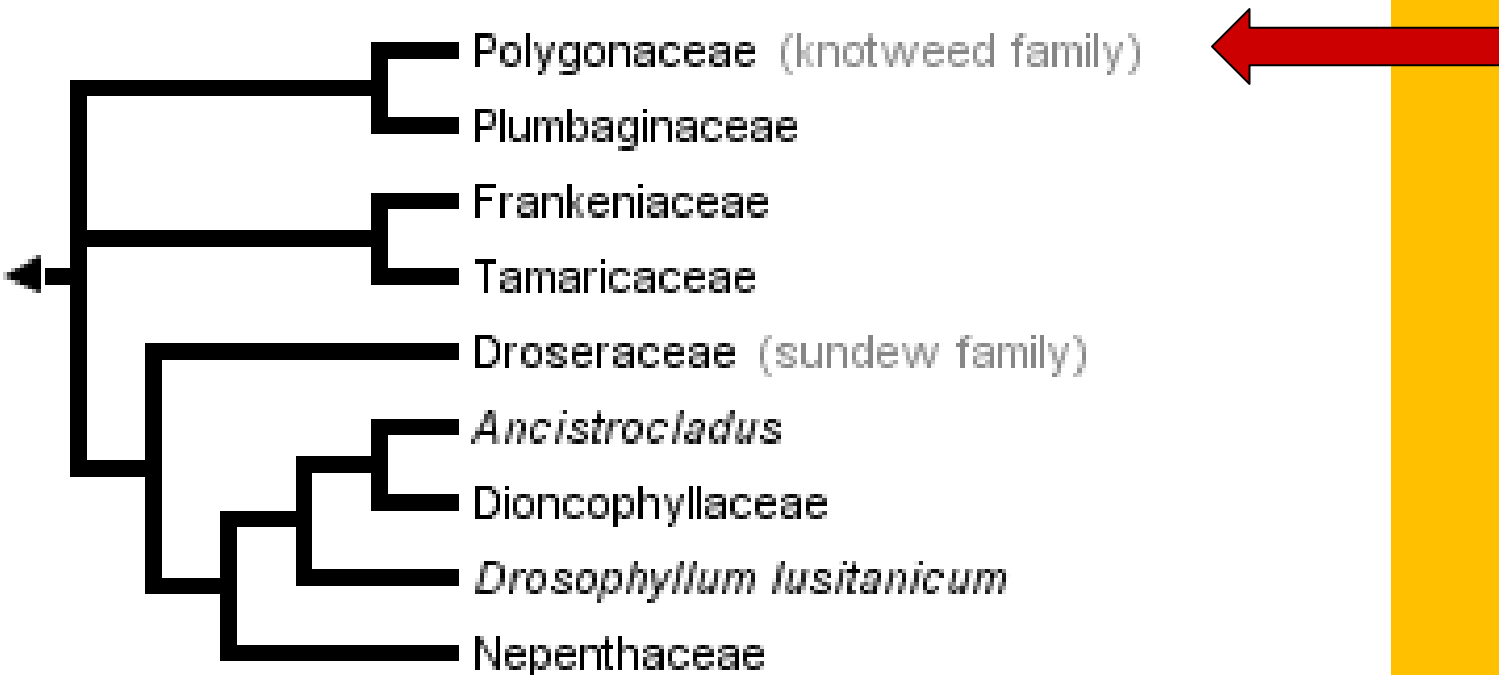
Ectexina espinulosa ou pontoada.



Eudicotyledôneas - Cariofilídeas



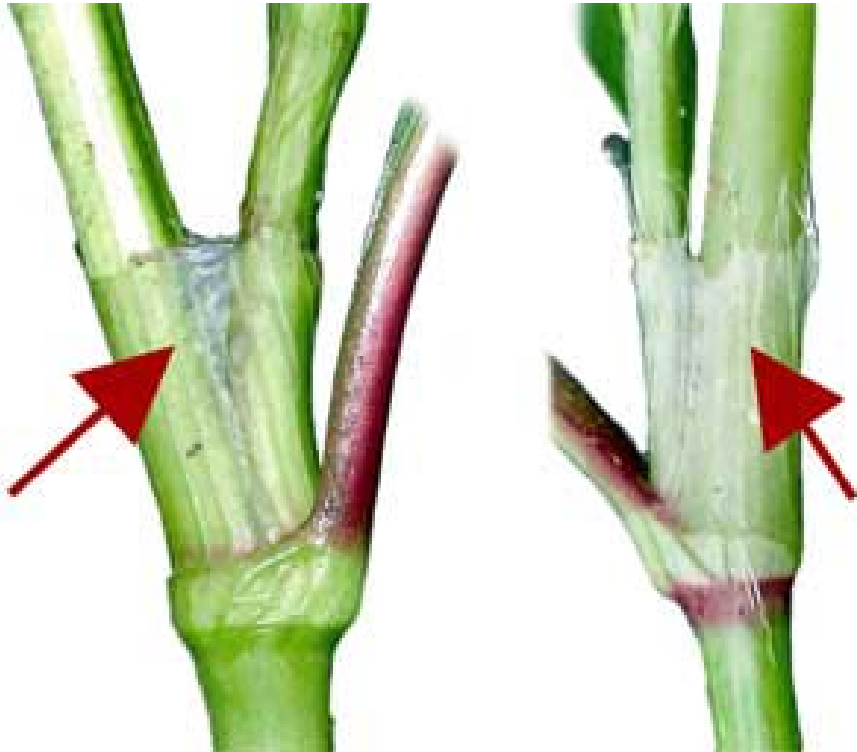
Eudicotiledôneas – Cariofilídeas Basais



Polygonaceae

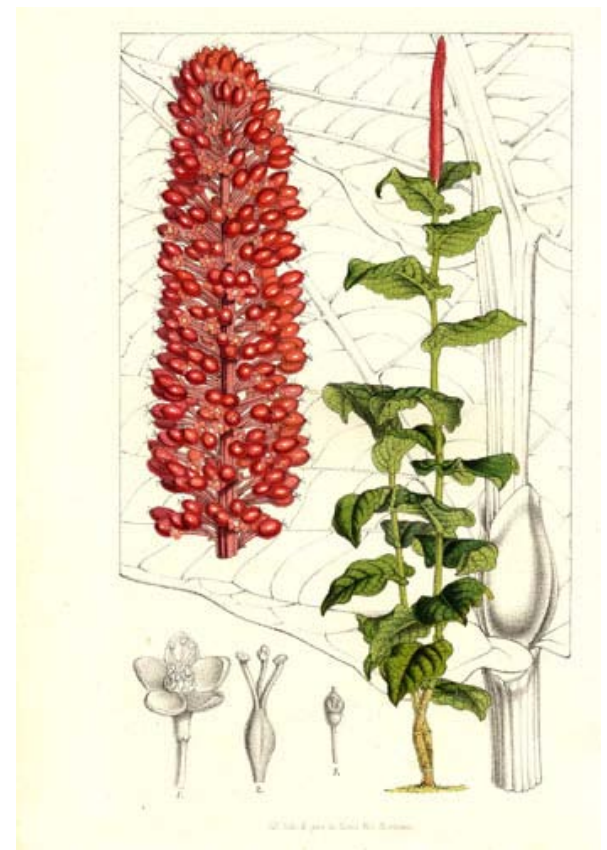


Polygonaceae



Polygonaceae

***Coccoloba rugosa* Desf.**



Polygonaceae

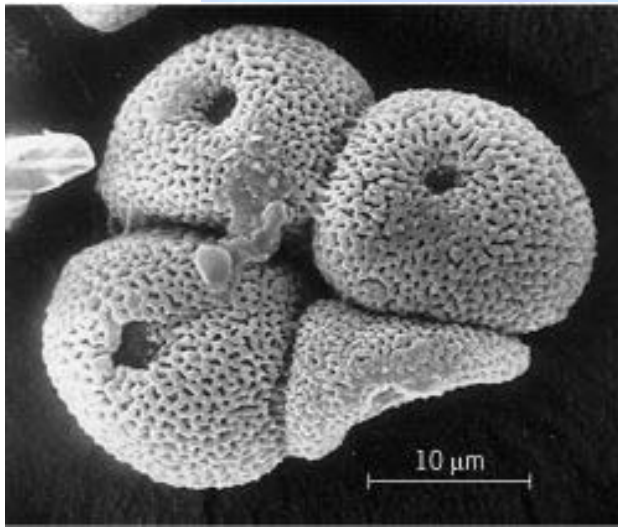
O K5 A∞ G(3)



Plantas carnívoras



Droseraceae, Nepenthaceae são plantas carnívoras, com folhas circinadas, tricomas glandulosos e grãos de pólen em tétrades (Judd *et al.* 2002).



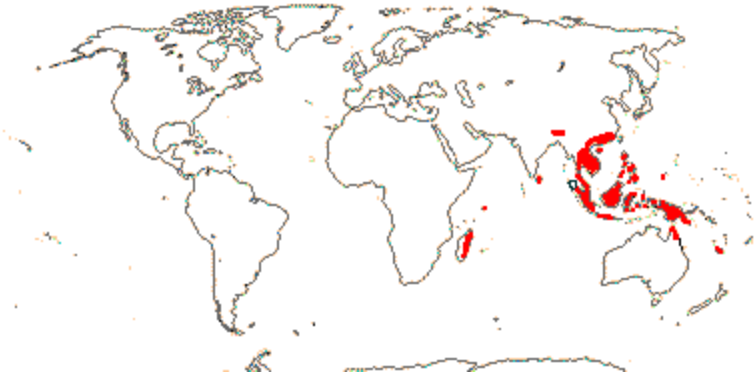
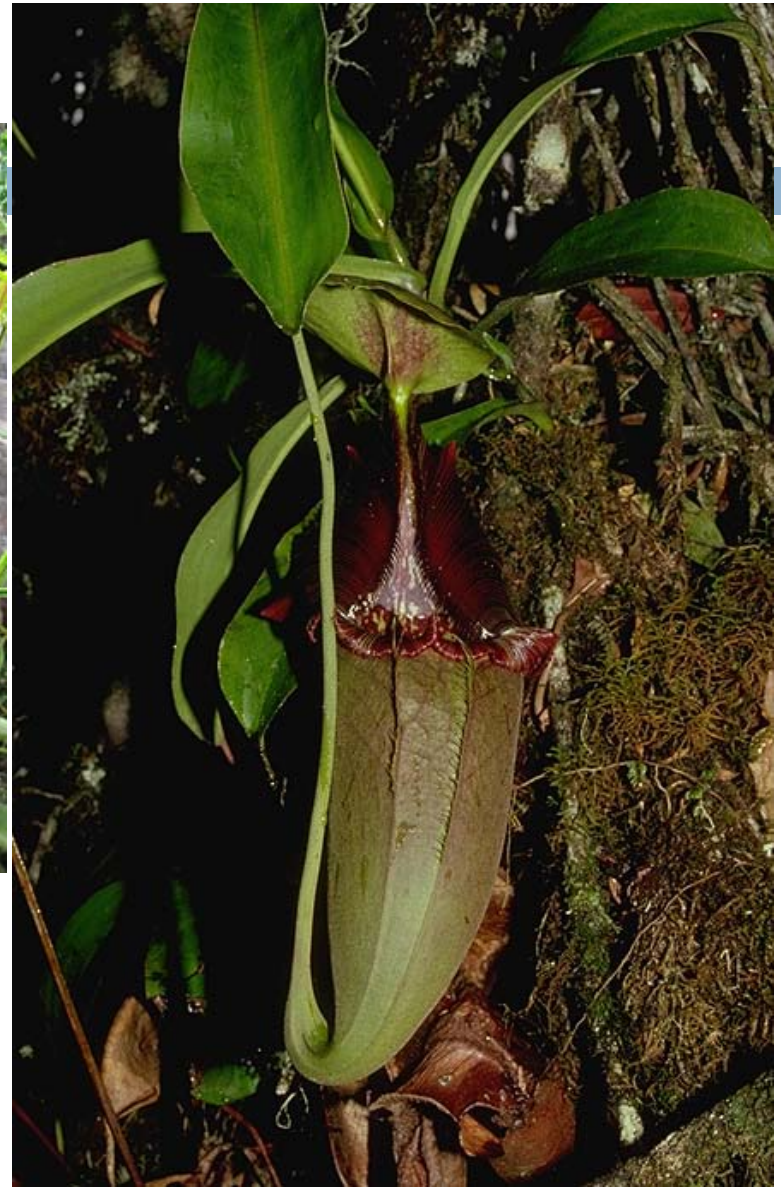




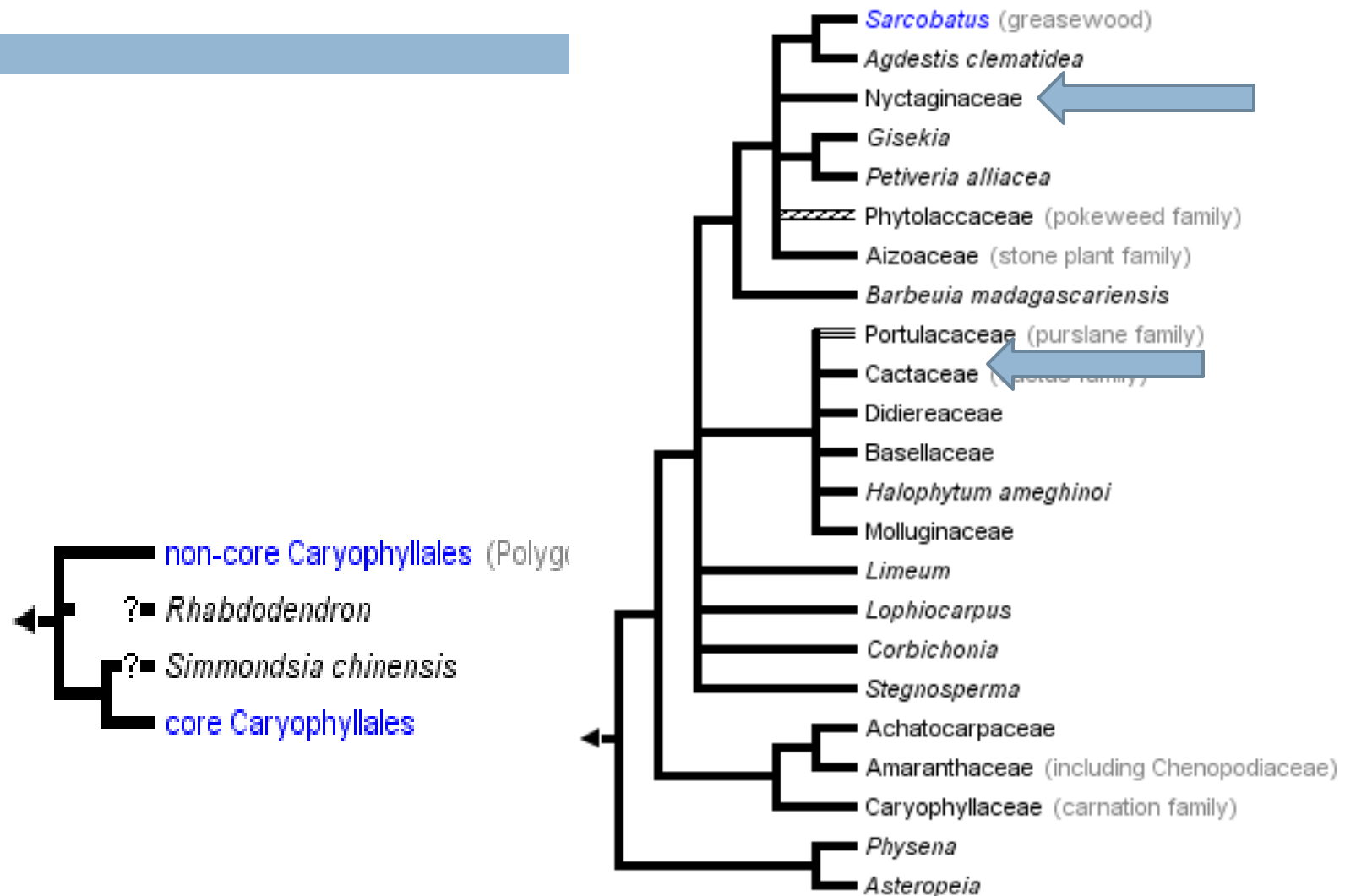
O K5 C5 A5- ∞ G3-5

www.piantecarnivore.org

Nepentaceae



Eudicotyledoneas - Cariofilídeas



Cactaceae



Opuntia



Cereus



Melocactus



Pilocereus

Cactaceae



Pereskioidea

Cactaceae



Opuntioideae

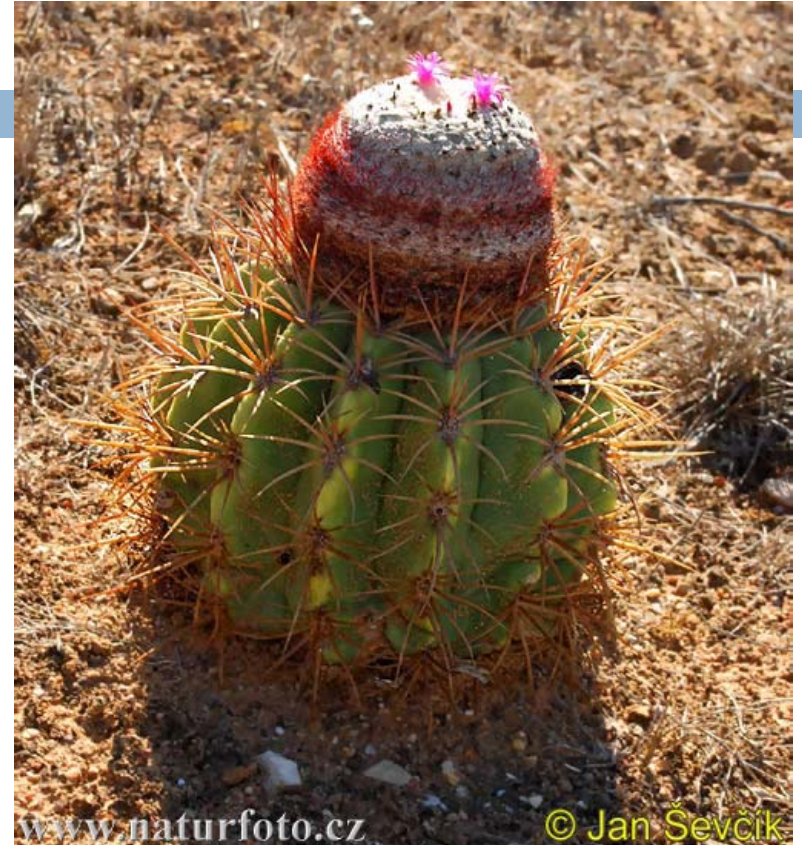


Cactaceae



Cactoideae

Cactaceae



Cactaceae



Cactaceae

OK ∞ A ∞ $\overline{G(\infty)}$





Bougainvillea glabra CHOISY
©Thomas Schoepke
www.plant-pictures.com

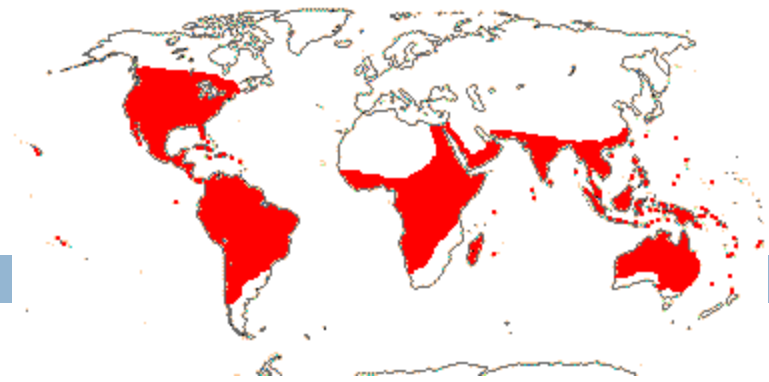
Nyctaginaceae



Nyctaginaceae

O K5 A ∞ G(1)

Cálice tubular petalóide



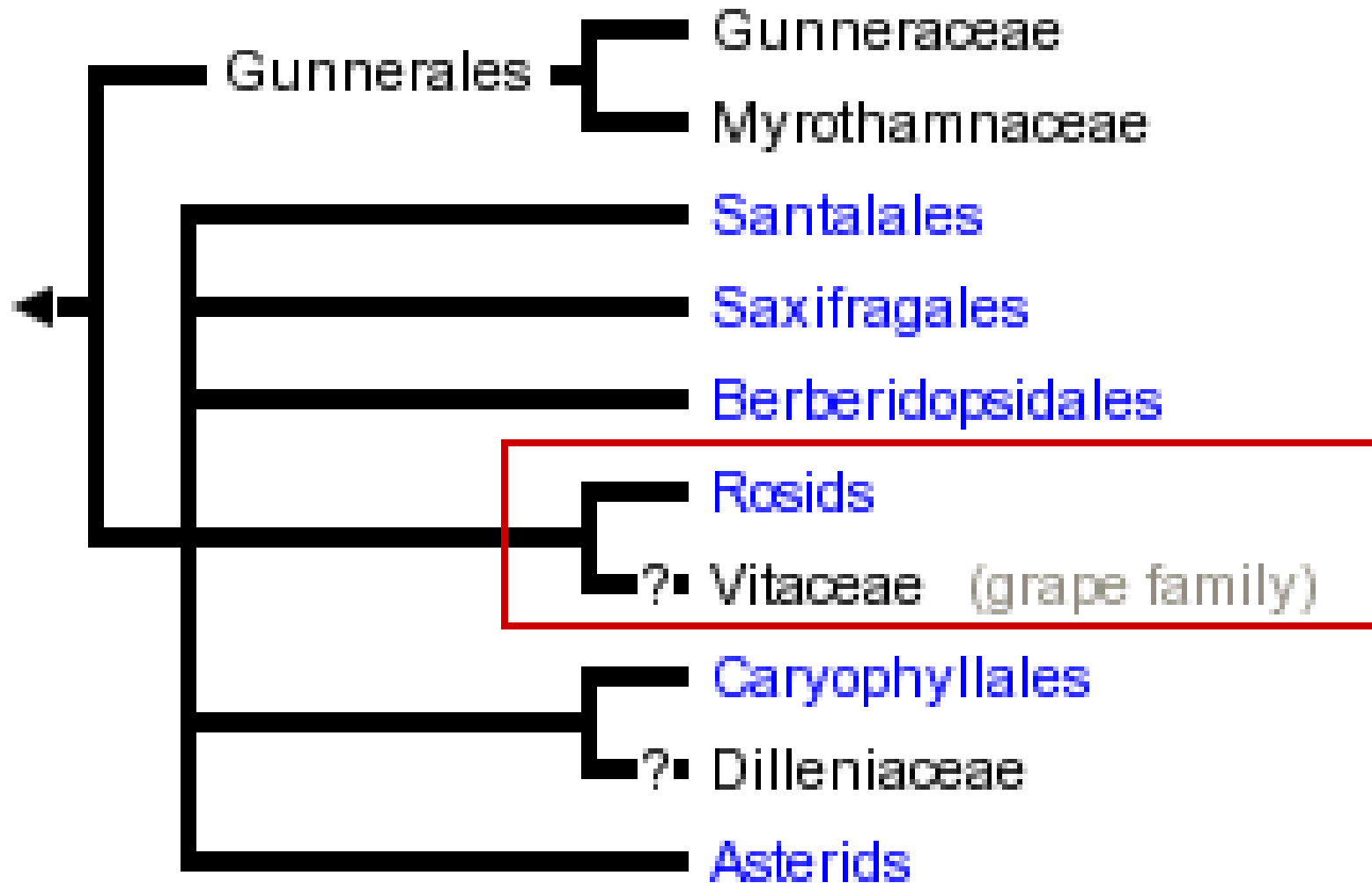
Nyctaginaceae

Boerhavia diffusa L. “pega-pinto”



Vit C, B macro e micronutrientes, flavonoide, anti-oxidantes (Ujowundu et al. 2008).

Eudicotyledôneas



Preparar chave de identificação taxonômica

