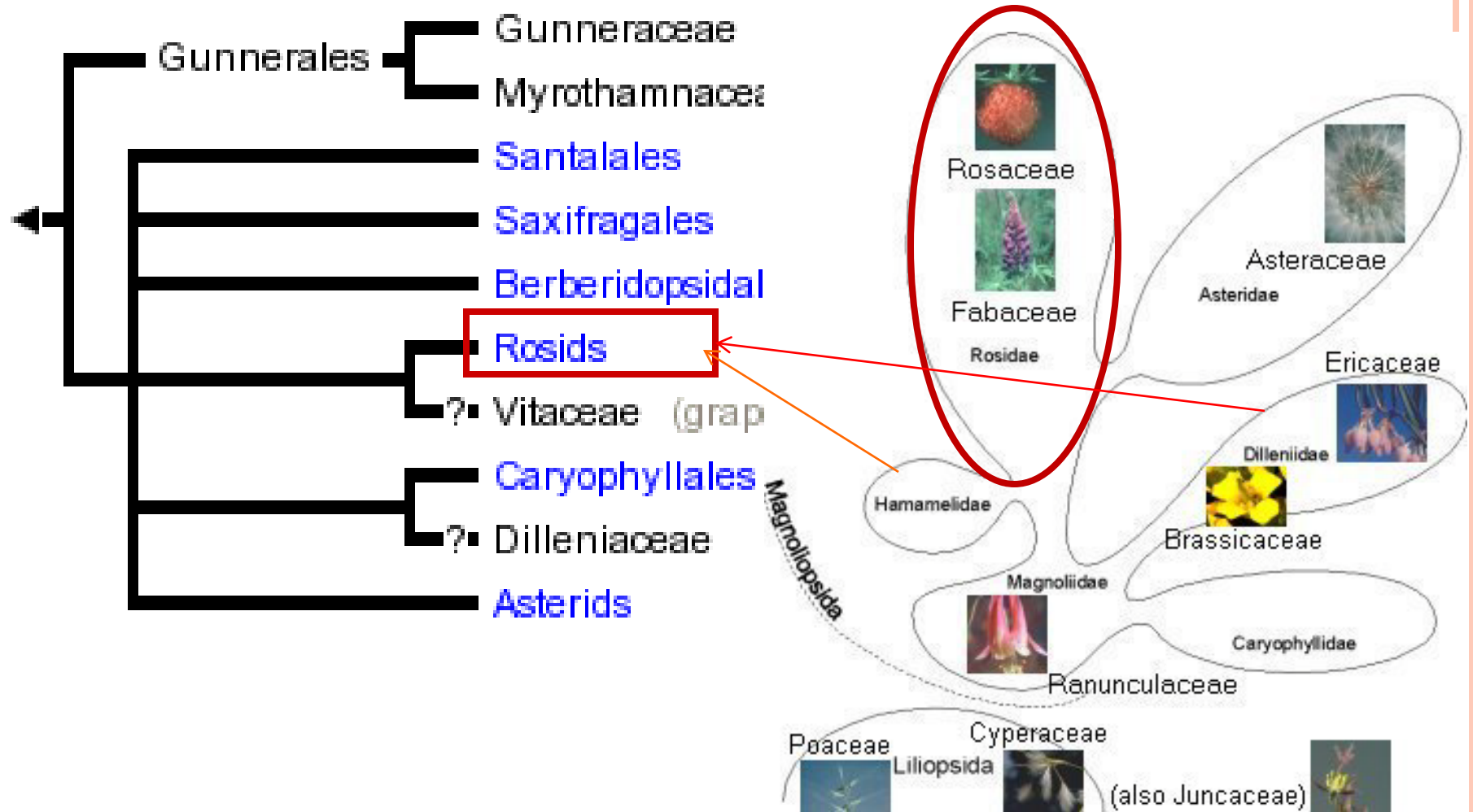


EUDICOTILEDÔNEAS



Eudicotiledôneas ROSÍDEAS

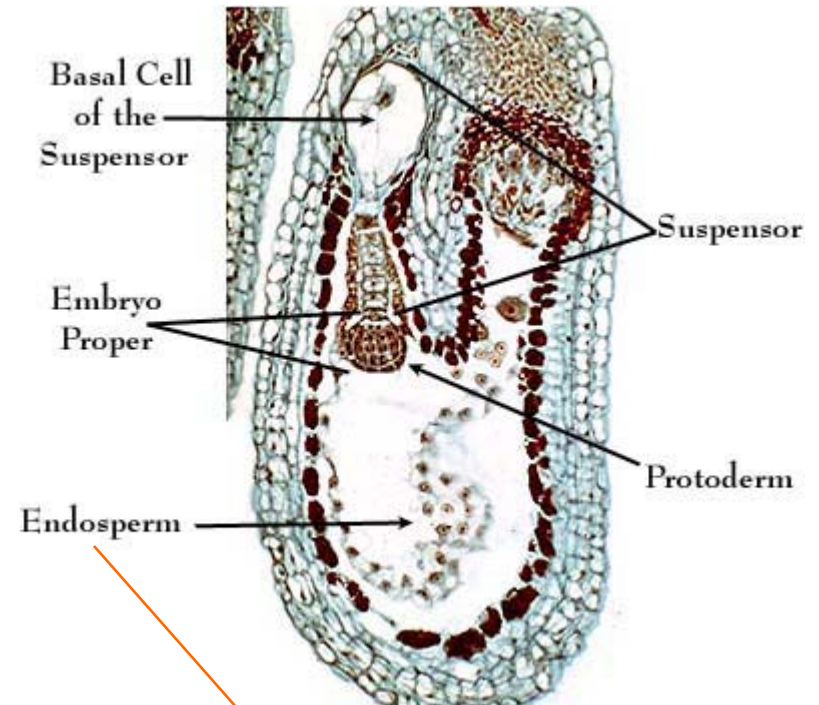
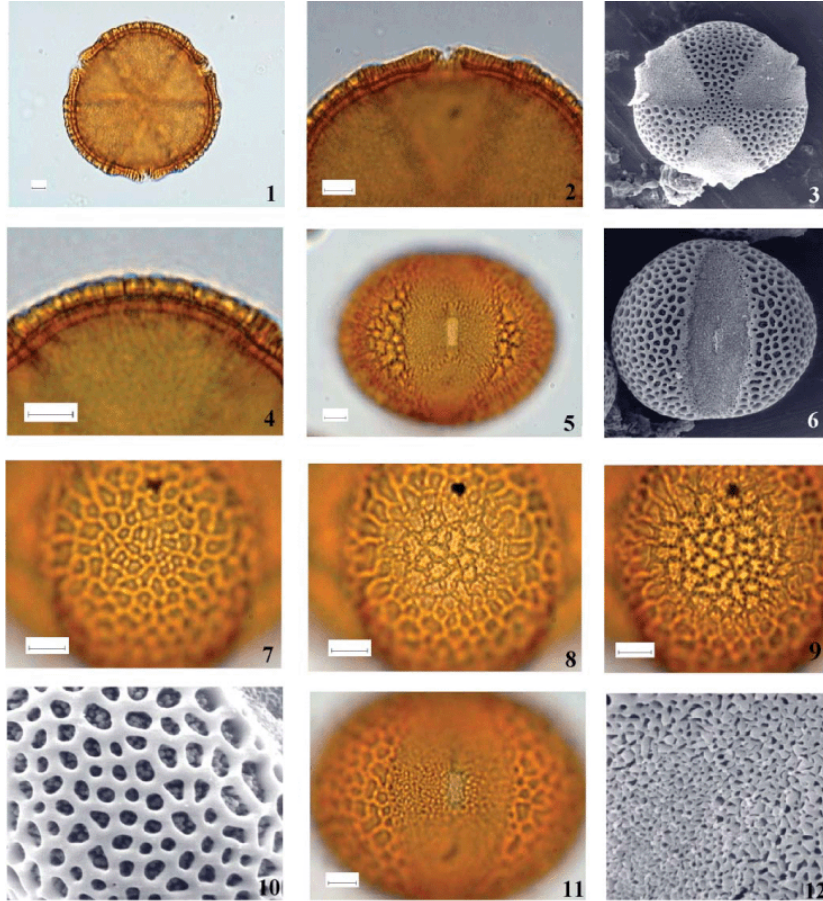
Flores diclamídeas dialipétalas



Eudicotiledôneas ROSÍDEAS

Sinapomorfias micromorfológicas

Pólen com exina reticulada



Endosperma nuclear

Figuras 1-12. Fotomicrografias e eletromicrografias dos grãos de pólen de *Caesalpinia echinata*. 1. Contorno em vista polar. 2. Corte óptico na região da abertura, em vista polar. 3. Apocolpo e superfície em vista polar (MEV 1.500 $\times$). 4. Corte óptico no mesocolpo, em vista polar. 5. Abertura em vista equatorial. 6. Ornamentação em vista equatorial (MEV 2.000 $\times$). 7-9. L.O. na região do mesocolpo, em três níveis de focalização. 10. Detalhe da ornamentação na região do mesocolpo (MEV 5.000 $\times$). 11. Vista equatorial, destacando a ornamentação na região da abertura. 12. Detalhe da ornamentação na região da abertura (MEV 8.250 $\times$). Escala = 5 μ m.

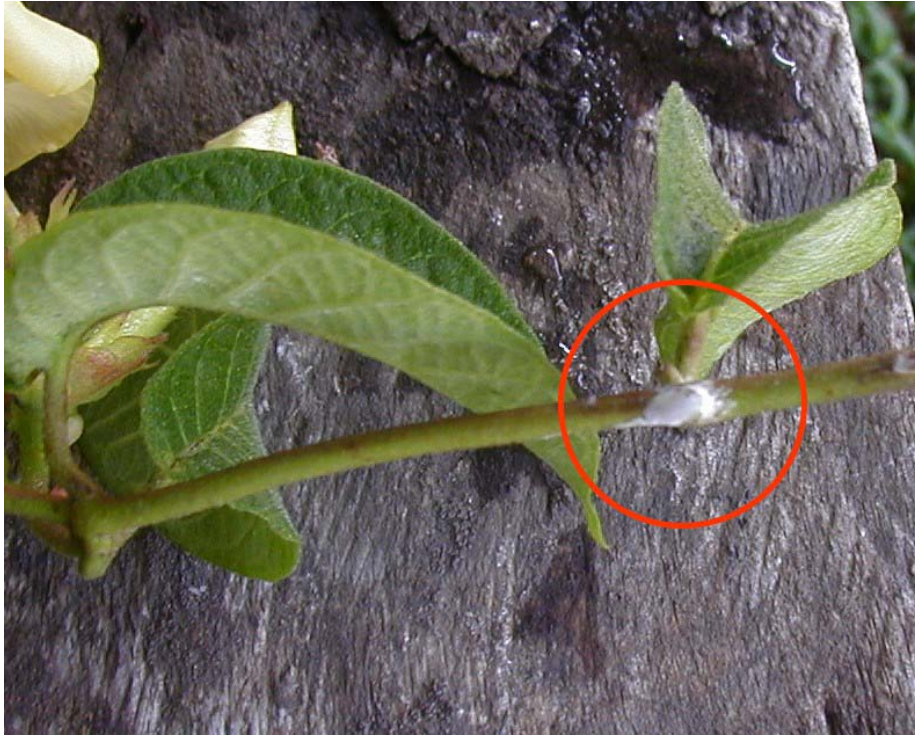
Eudicotiledôneas ROSÍDEAS



Quimiotaxonomia: tanino



Eudicotiledôneas ROSÍDEAS



Quimiotaxonomia: látex, resinas,



Eudicotiledôneas ROSÍDEAS



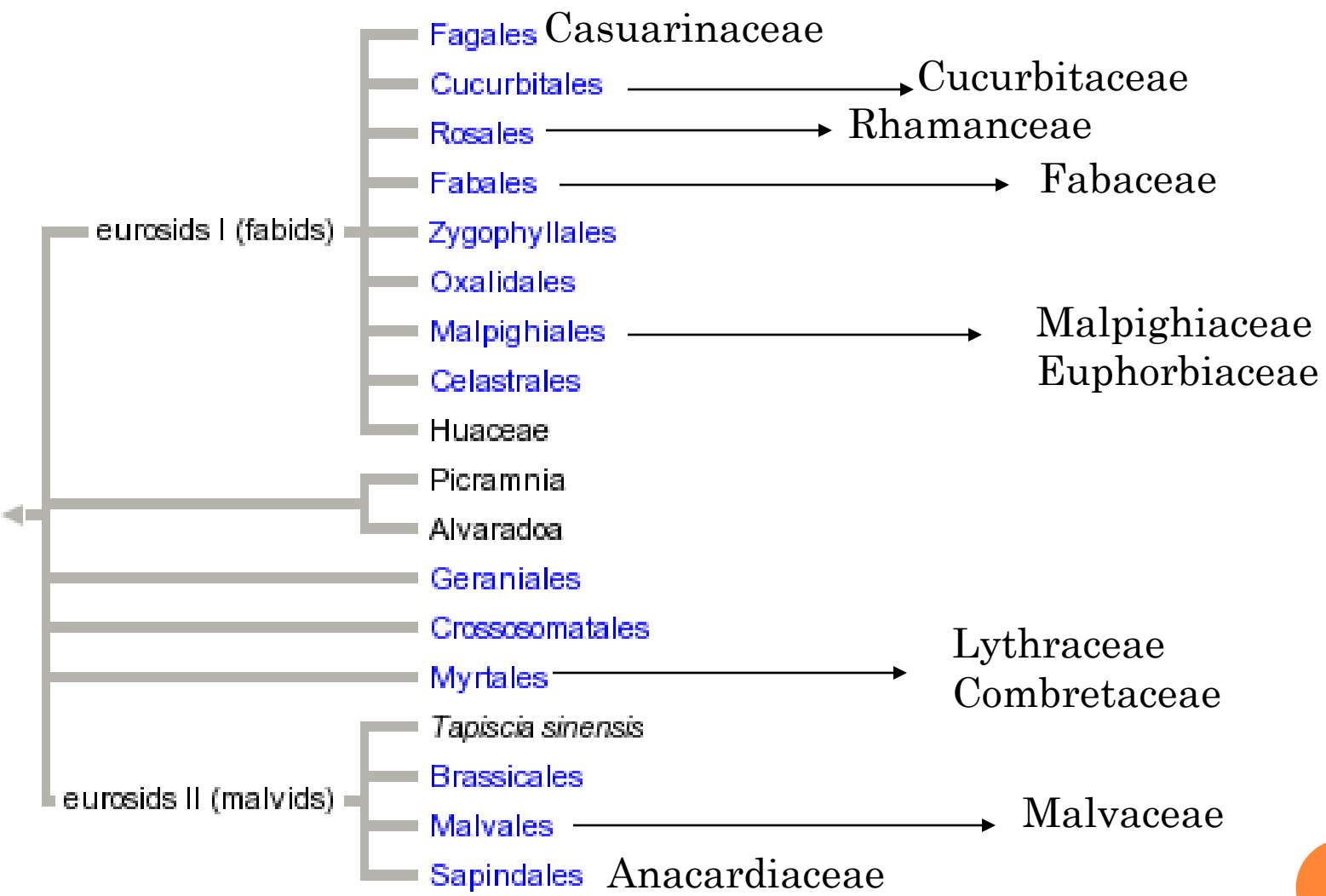
Quimiotaxonomia:
mucilagens e óleos essenciais
Ácidos elágicos
(Antioxidantes, responsáveis pela
morte natural das células)



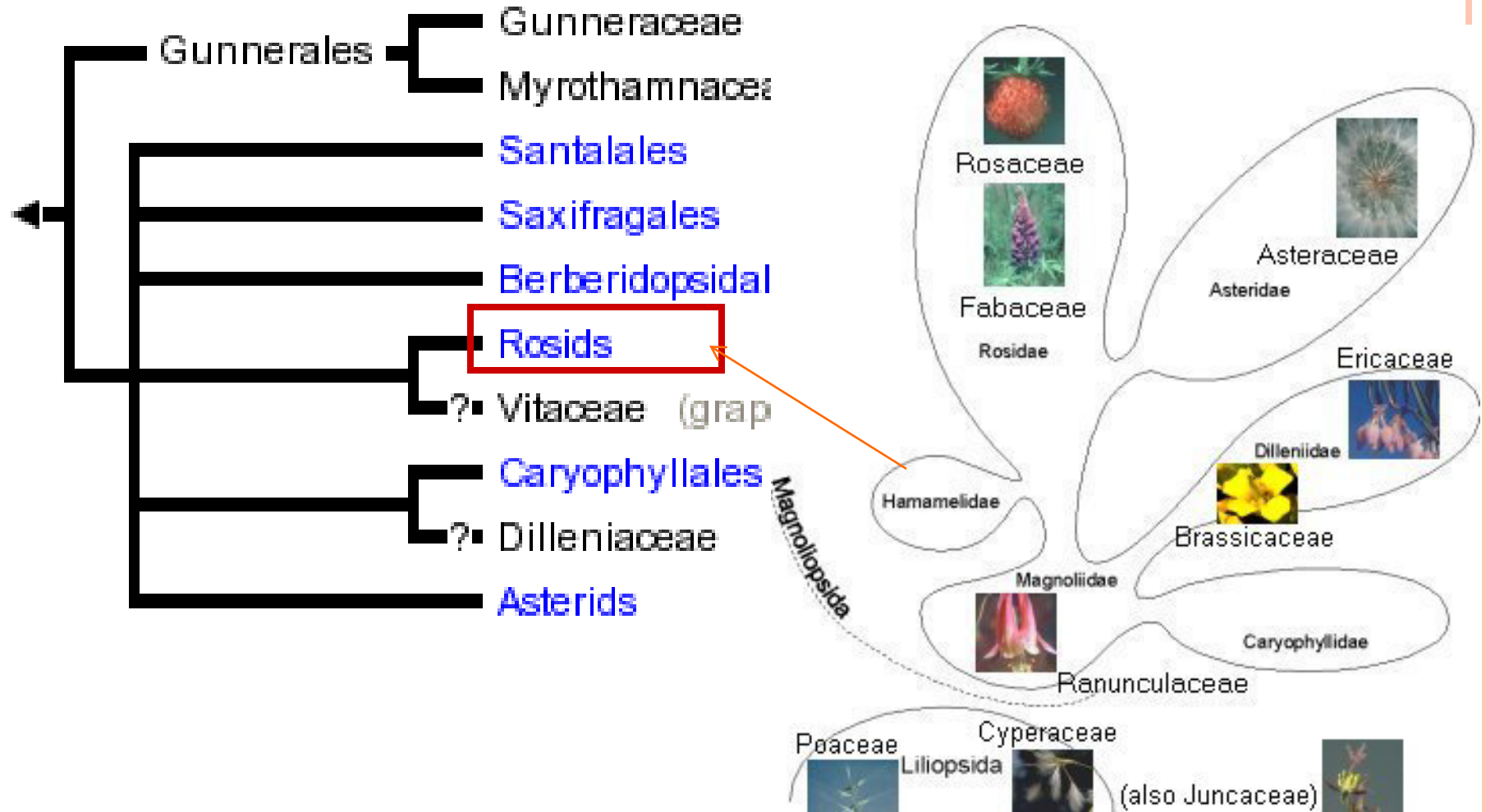
Androceu com dois ou mais verticilos de estames
Verticilo = arranjo circular de componentes similares
emergindo de um ponto comum ou nó.



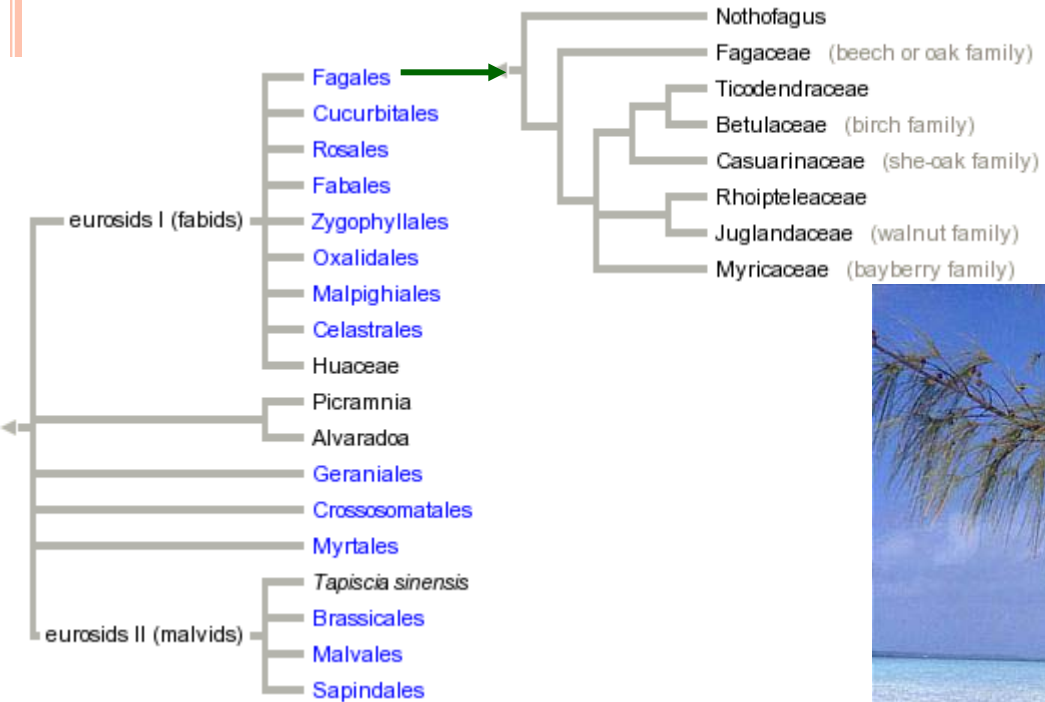
EUDICOTILEDÔNEAS ROSÍDEAS



EUDICOTILEDÔNEAS



Subclasse Hammamelidae - Cronquist (1988)



© Stephan Imhof



Copyright P. Billel



Casuarinaceae

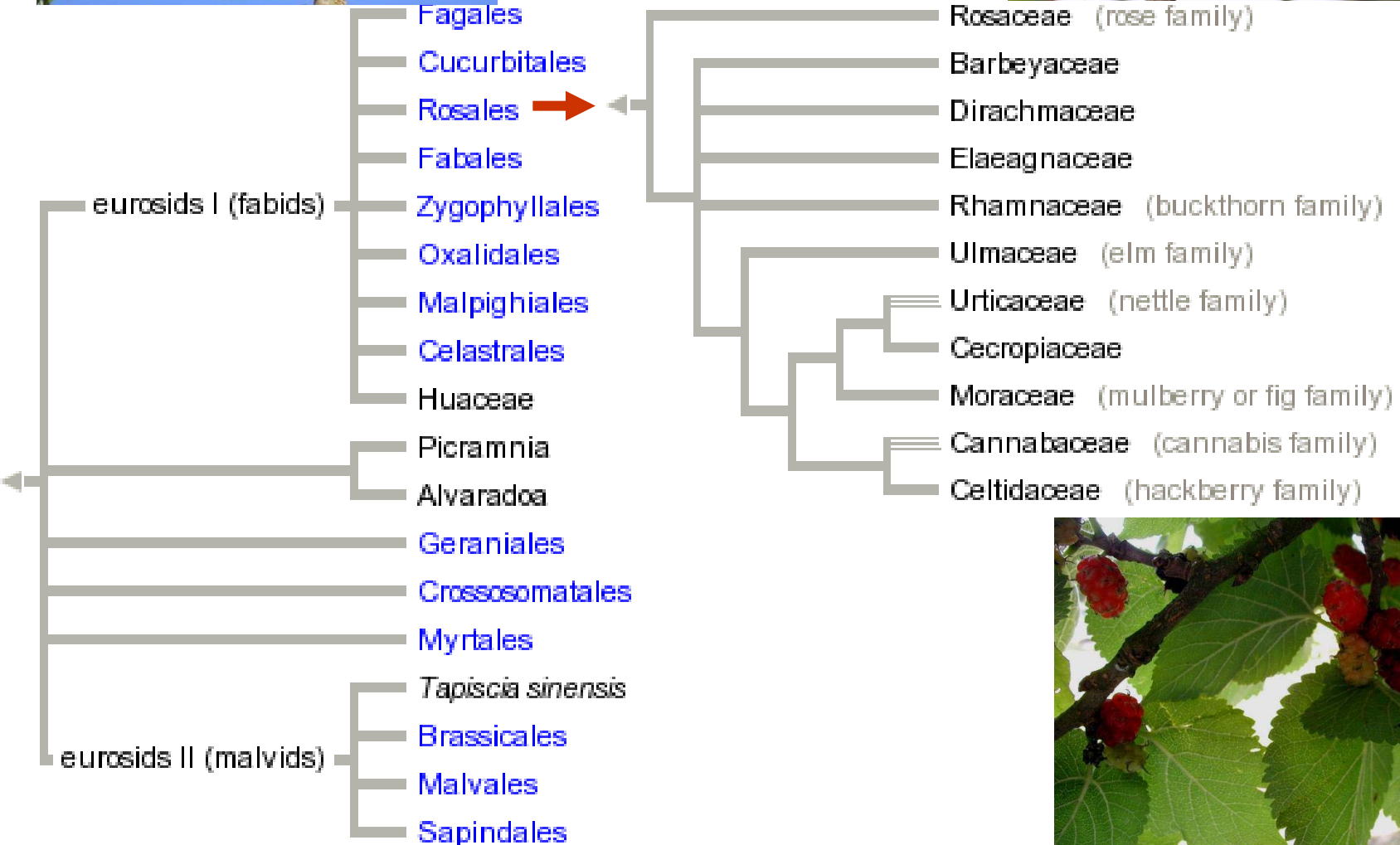
O T4 A1 G0
O T0 A0 G(2)



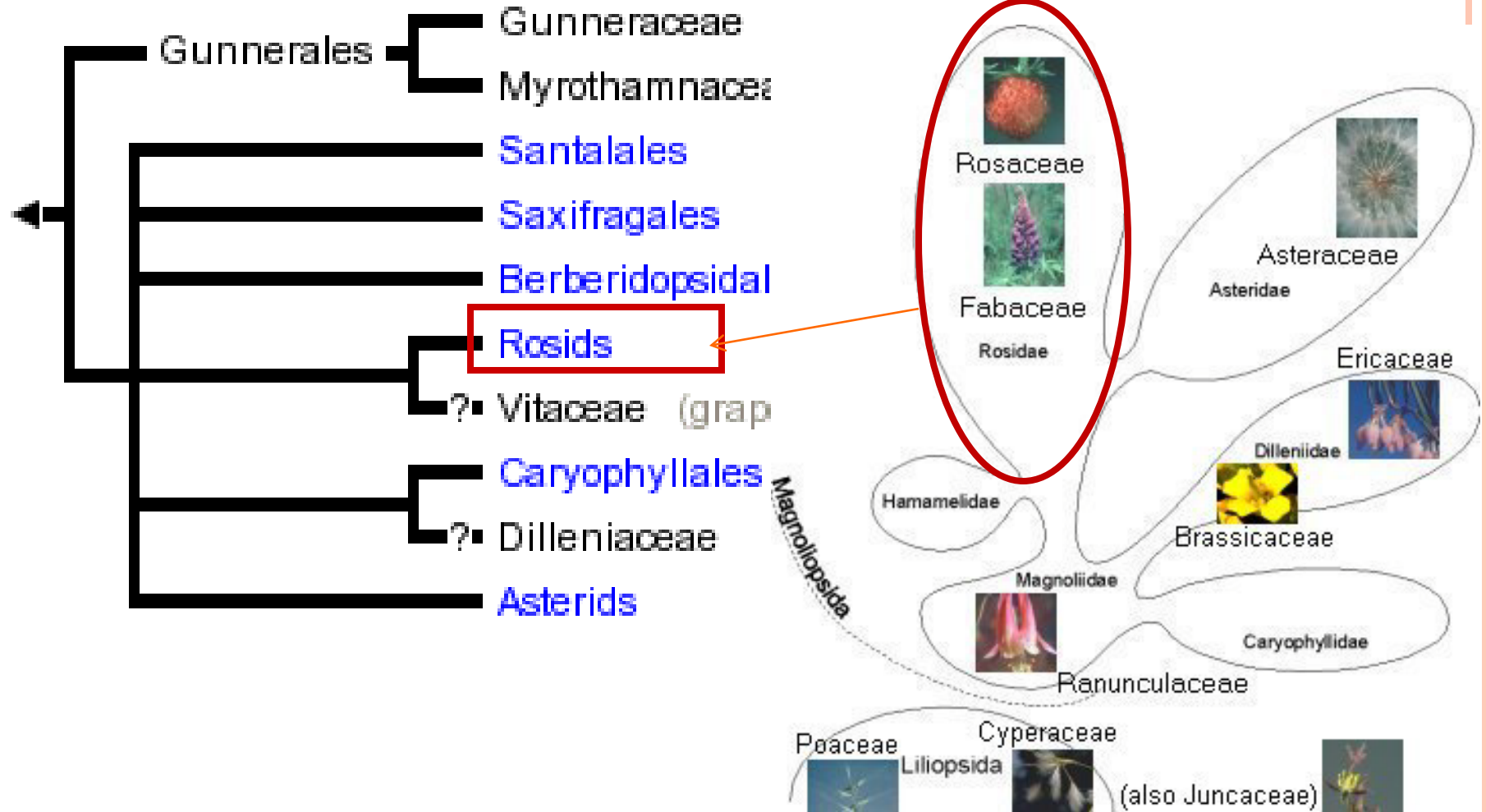
Bracteolas lenhosas

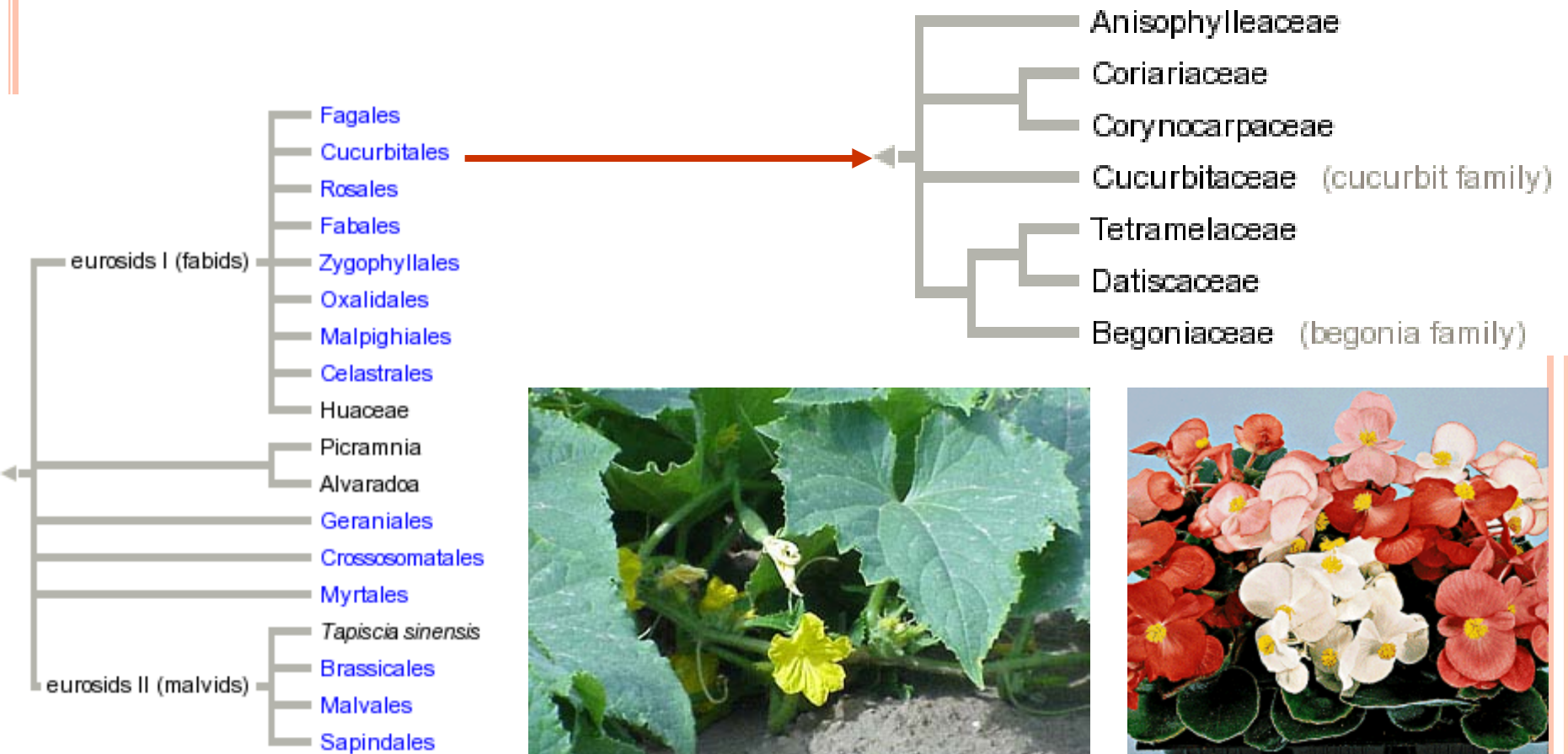
Inflorescências estrobiliformes





EUDICOTILEDÔNEAS





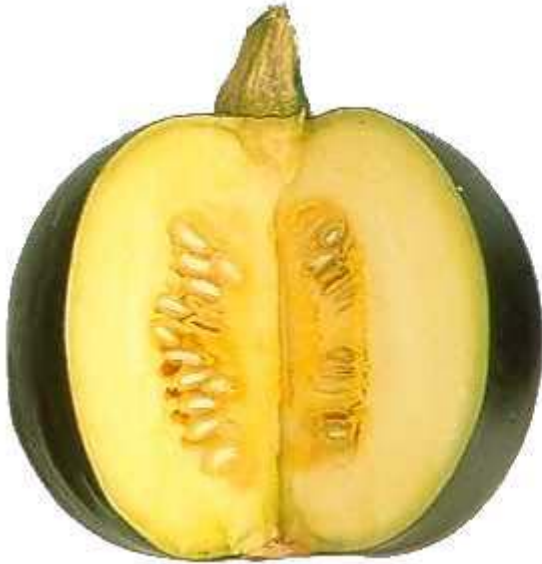
Cucurbitaceae

O K5 C5 A3 G0
O k5 C5 A0 G(3)



Cucurbitaceae

Baga peponídeo



Cucurbita pepo
Cucurbitaceae
© G. D. Carr



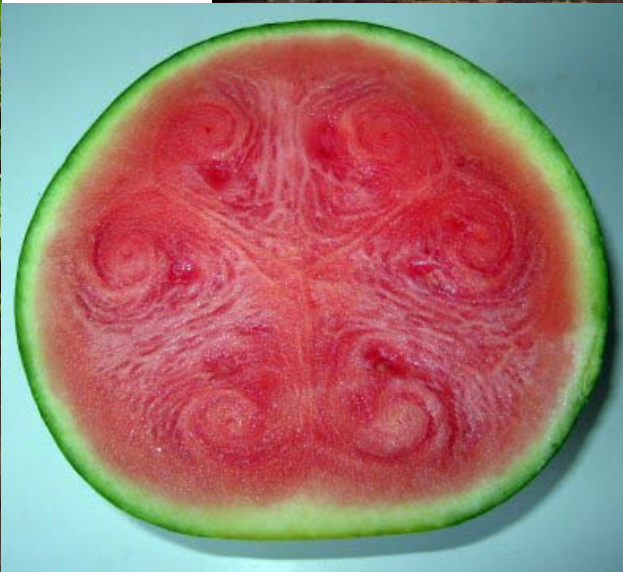
♀

Cucurbitaceae *Cucurbita*



Cucurbitaceae

Citrullus



Cucurbitaceae



Cucurbitaceae

Sechium



© P. Schönfelder

Cucurbitaceae

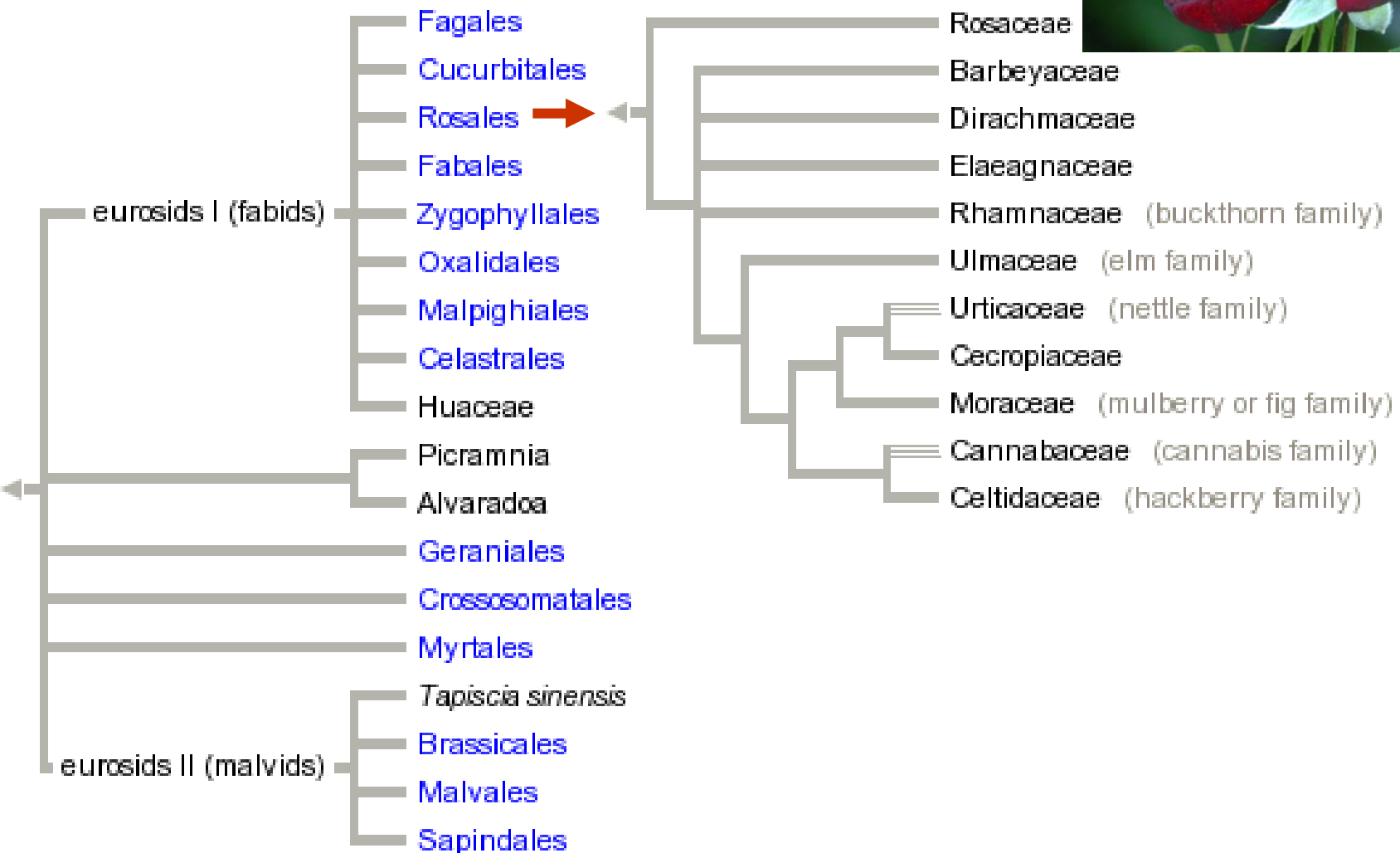
Luffa



Cucurbitaceae

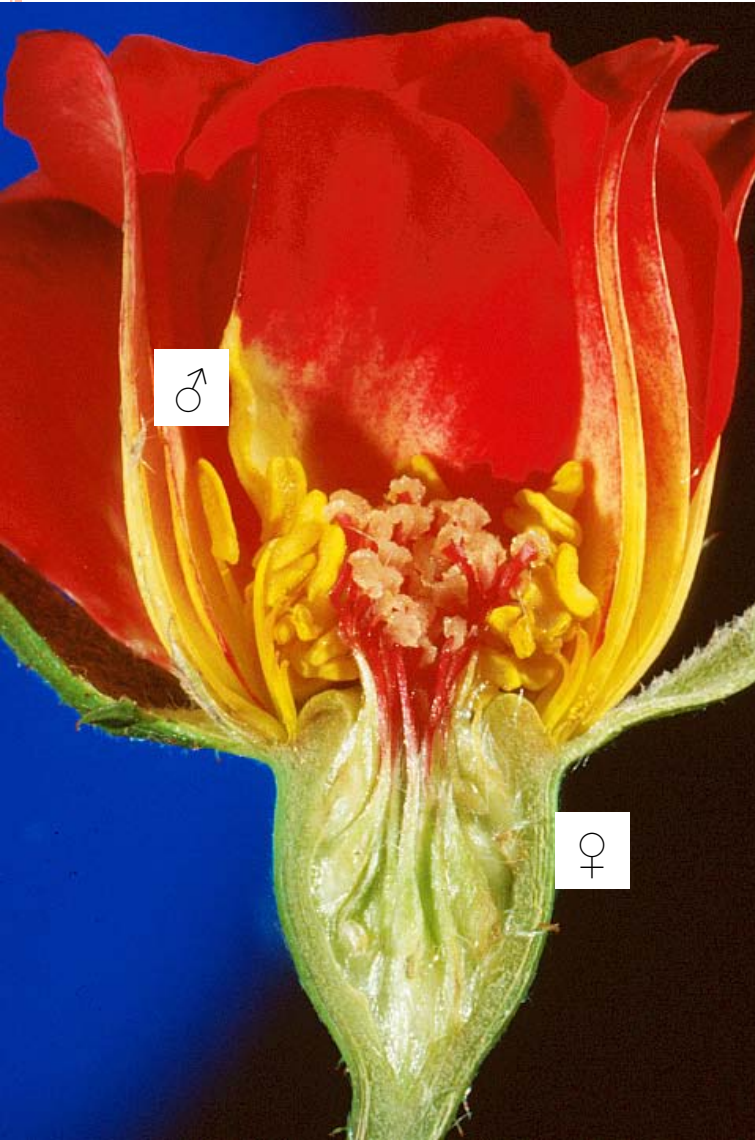
Lagenaria





Rosaceae

$K^\infty C^\infty A^\infty \underline{G_{1-\infty}}$



Carpelos livres inseridos em recéptáculo expandido (= hipanto ou hipânncio), formando flor perígena

FRUTO – RECEPTÁCULO + CARPELOS

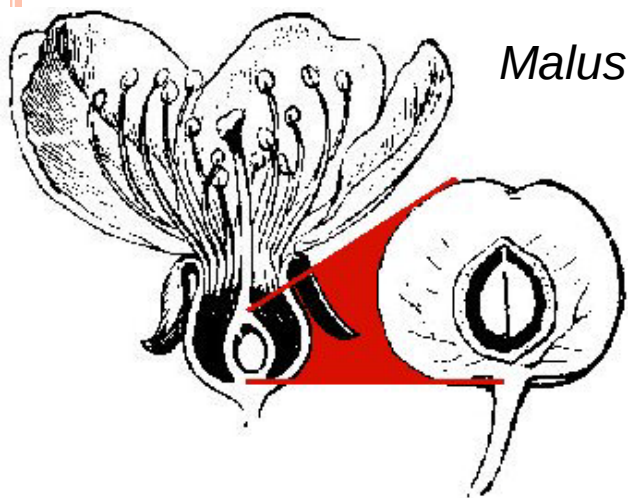


Rubus



AGREGADO DE AQUÊNIOS INSERIDO NO HIPANTO





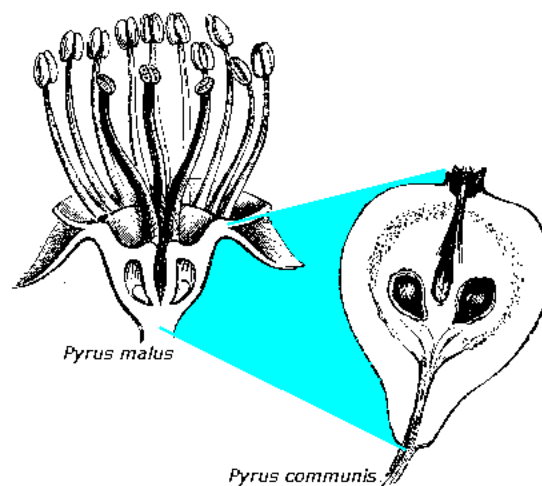
Malus



© Vicent Martínez c.



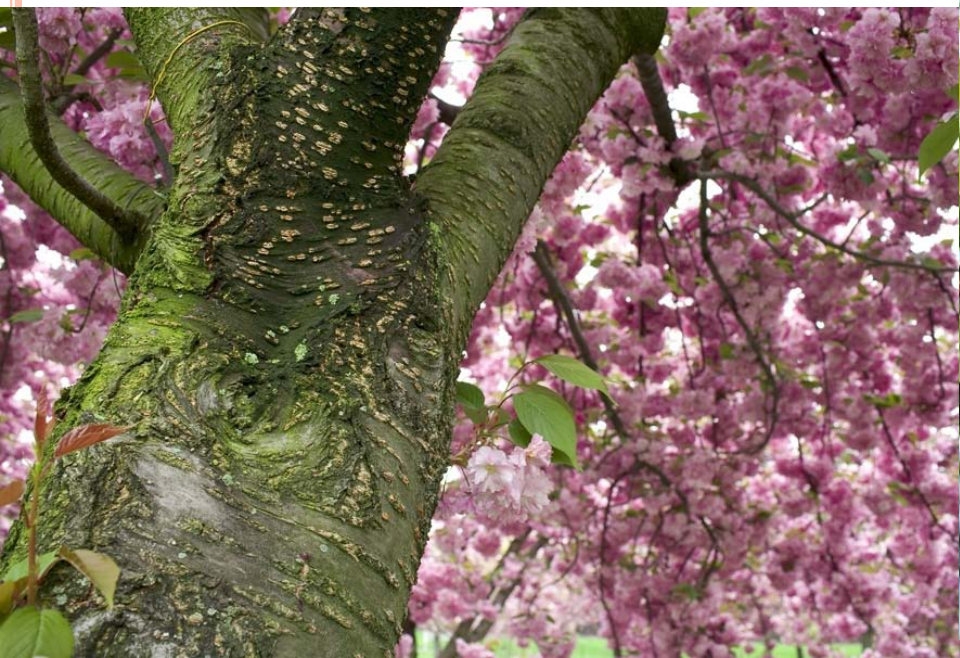
Pyrus sp. Porin päärynä



Pyrus malus

Pyrus communis





© W.P. Armstrong 2004



Prunus

Rosales - Rhamanaceae

O K5 C5 A5 G(3—5)



Zizyphus joazeiro Mart.



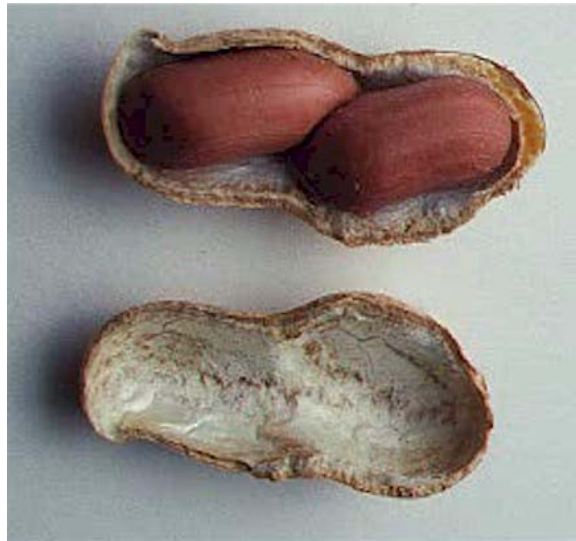
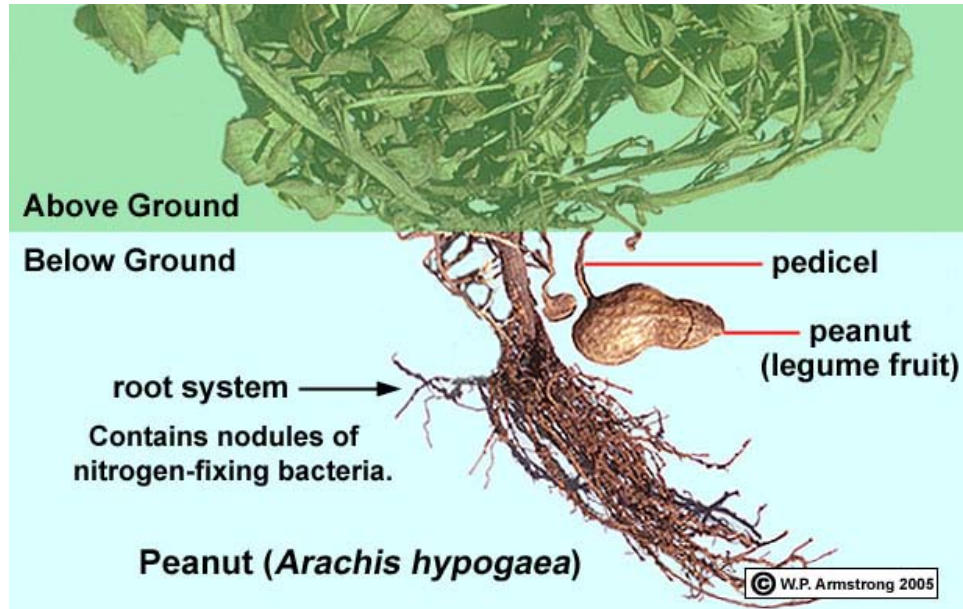
FABALES - FABACEAE (=LEGUMINOSAE)

3ª MAIOR FAMÍLIA DE ANGIOSPERMAE



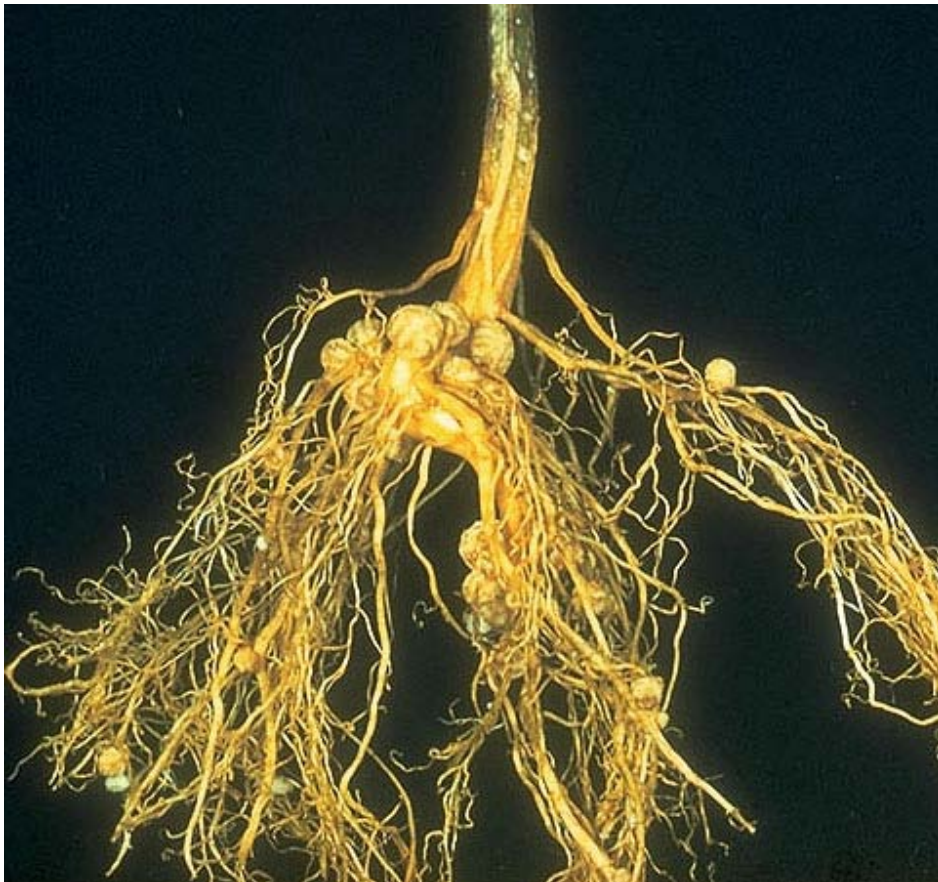
FABACEAE (=LEGUMINOSAE)

3A MAIOR FAMÍLIA DE ANGIOSPERMAE

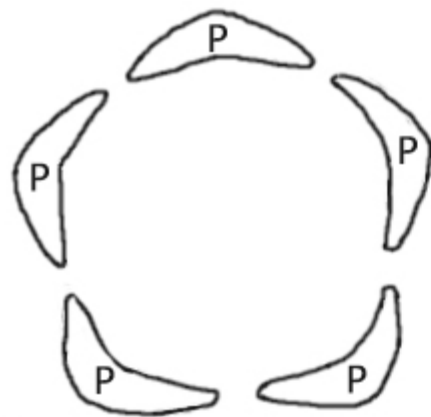
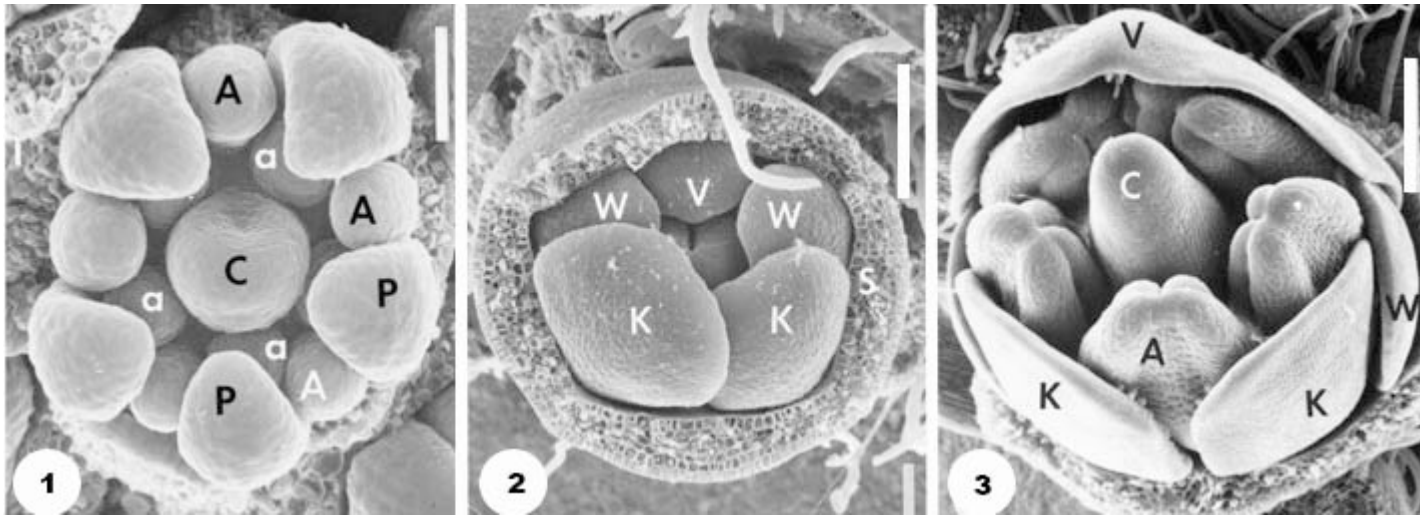




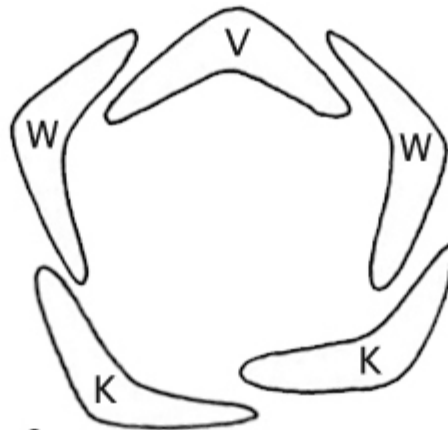
FABACEAE (=LEGUMINOSAE)



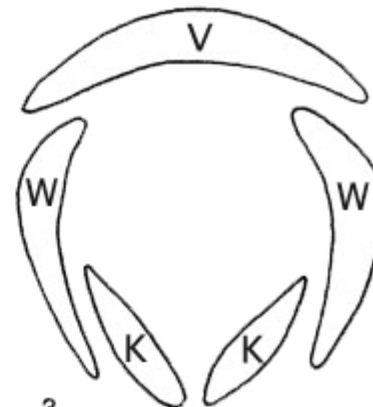
PRÉ-FLORAÇÃO E SUBFAMÍLIAS



1



2



3



Fabaceae – subfamília Mimosoideae
0 k(5) C(5) A 10-∞ G1



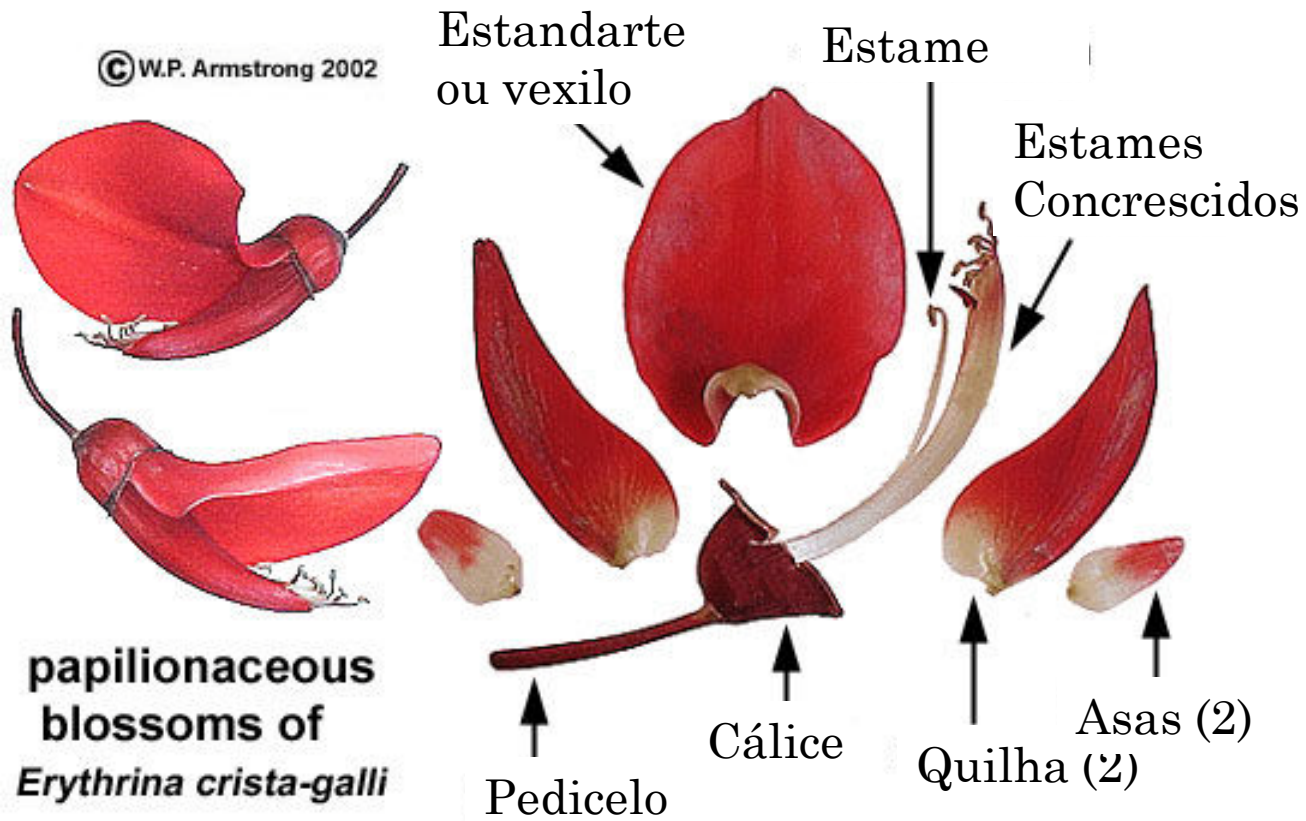
Fabaceae – subfamília Faboideae ou Papilionideae

Φ k(5) C5 A 10 G1

Corola papilionada



Subfamília Faboideae



Université Libre de Bruxelles - Iconothèque



Fabaceae – subfamilia Caesalpinoideae

Φ k5 C5 A10 G1

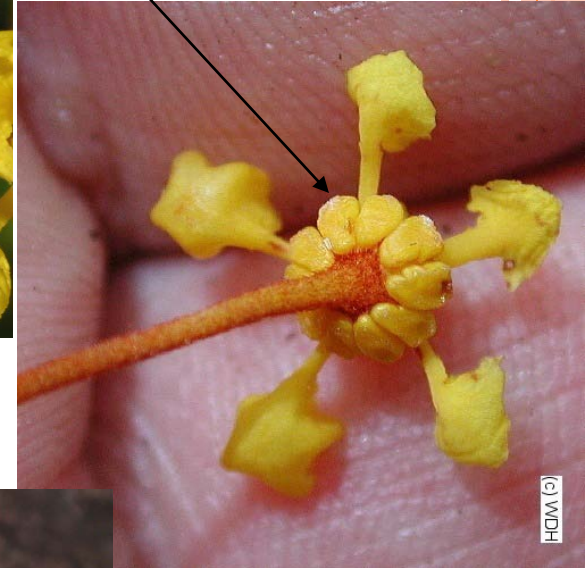


Malpighiales - Malpighiaceae

Pétalas fimbriadas



5 pares glândulas



Bagas



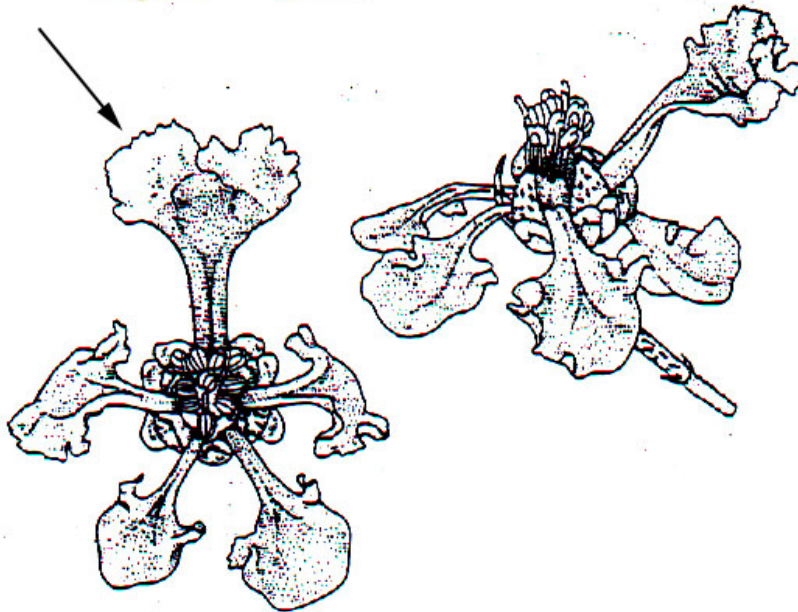
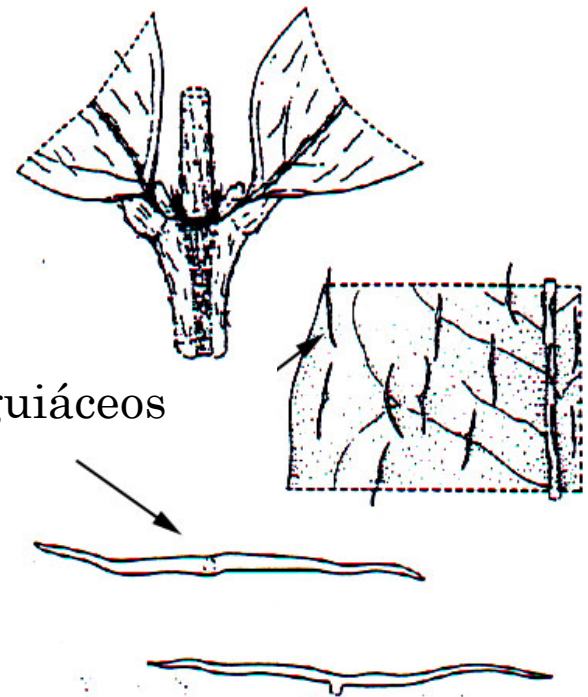
Sâmaras



Pétalas ünguiculadas



Tricomas malpighiáceos



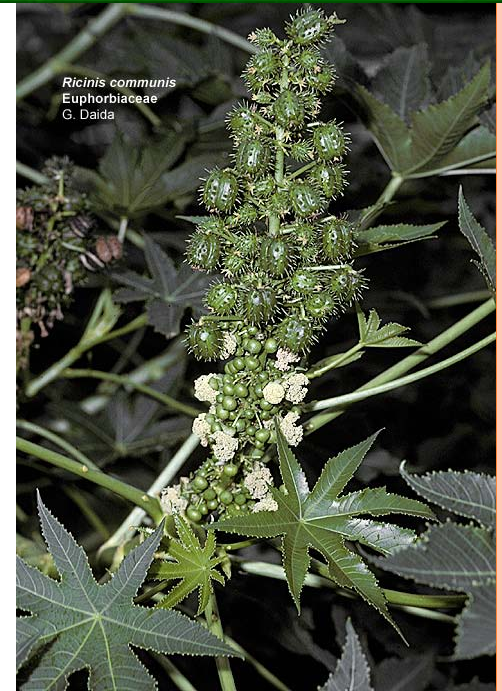
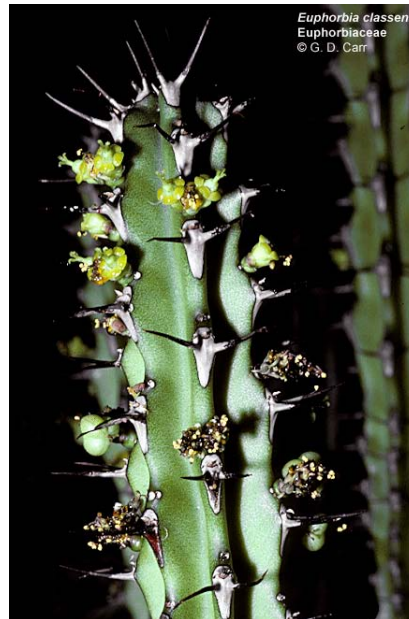
Malpighiales - Euphorbiaceae



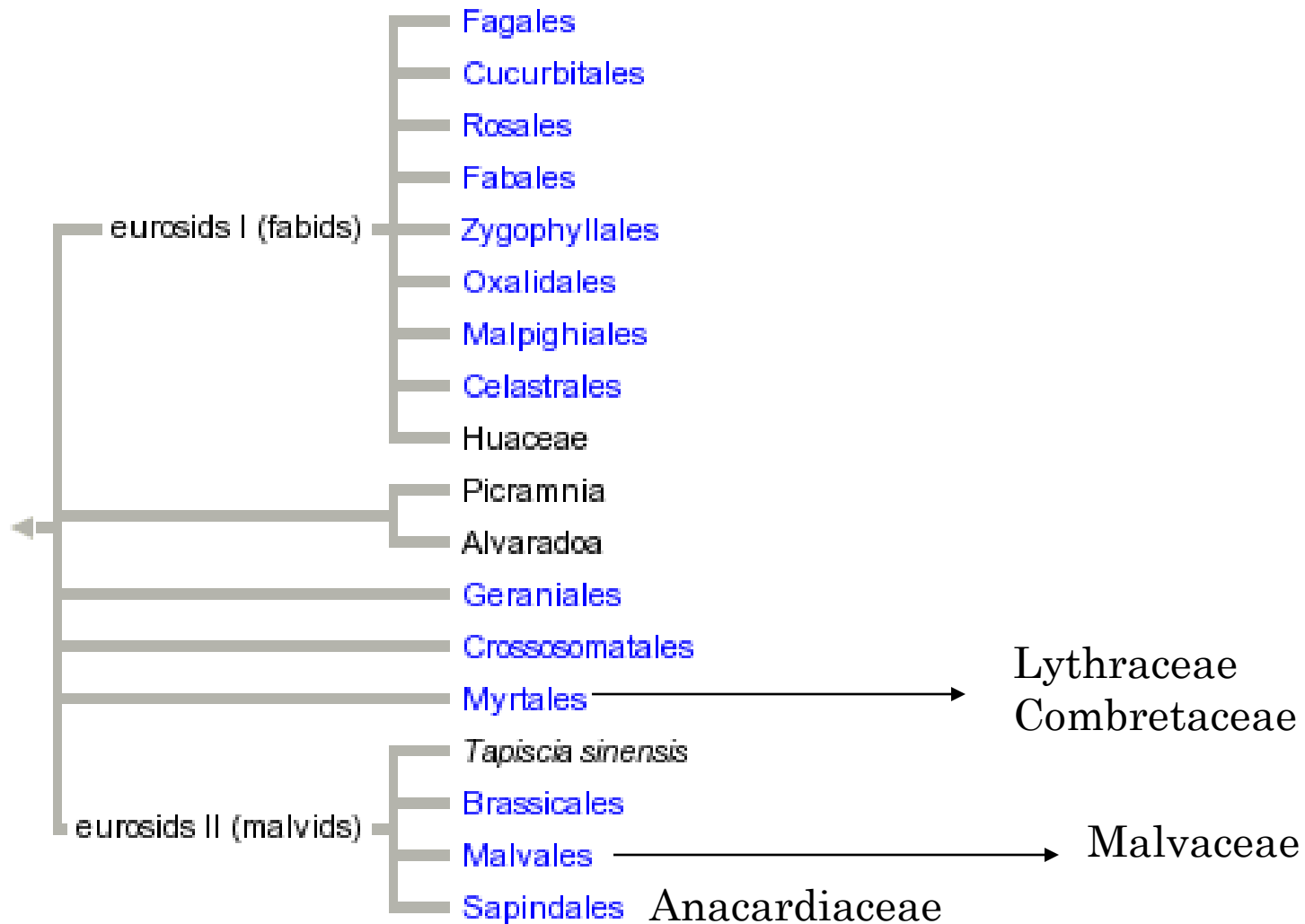
Euphorbiaceae



Euphorbiaceae



EUDICOTILEDÔNEAS ROSÍDEAS



MYRTALES - LYTHRACEAE



Punica granatum L.

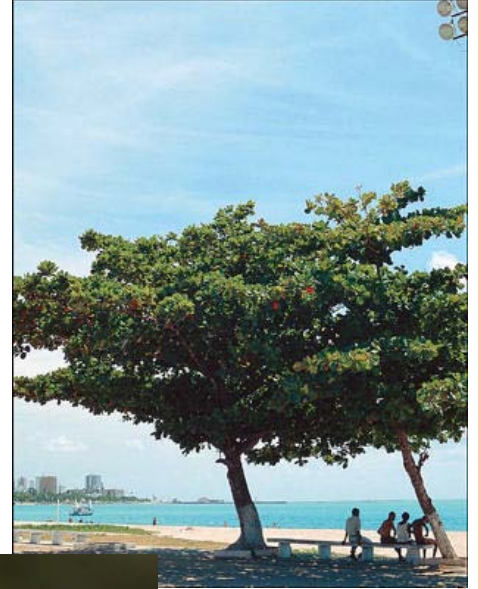


MYRTALES - COMBRETACEAE

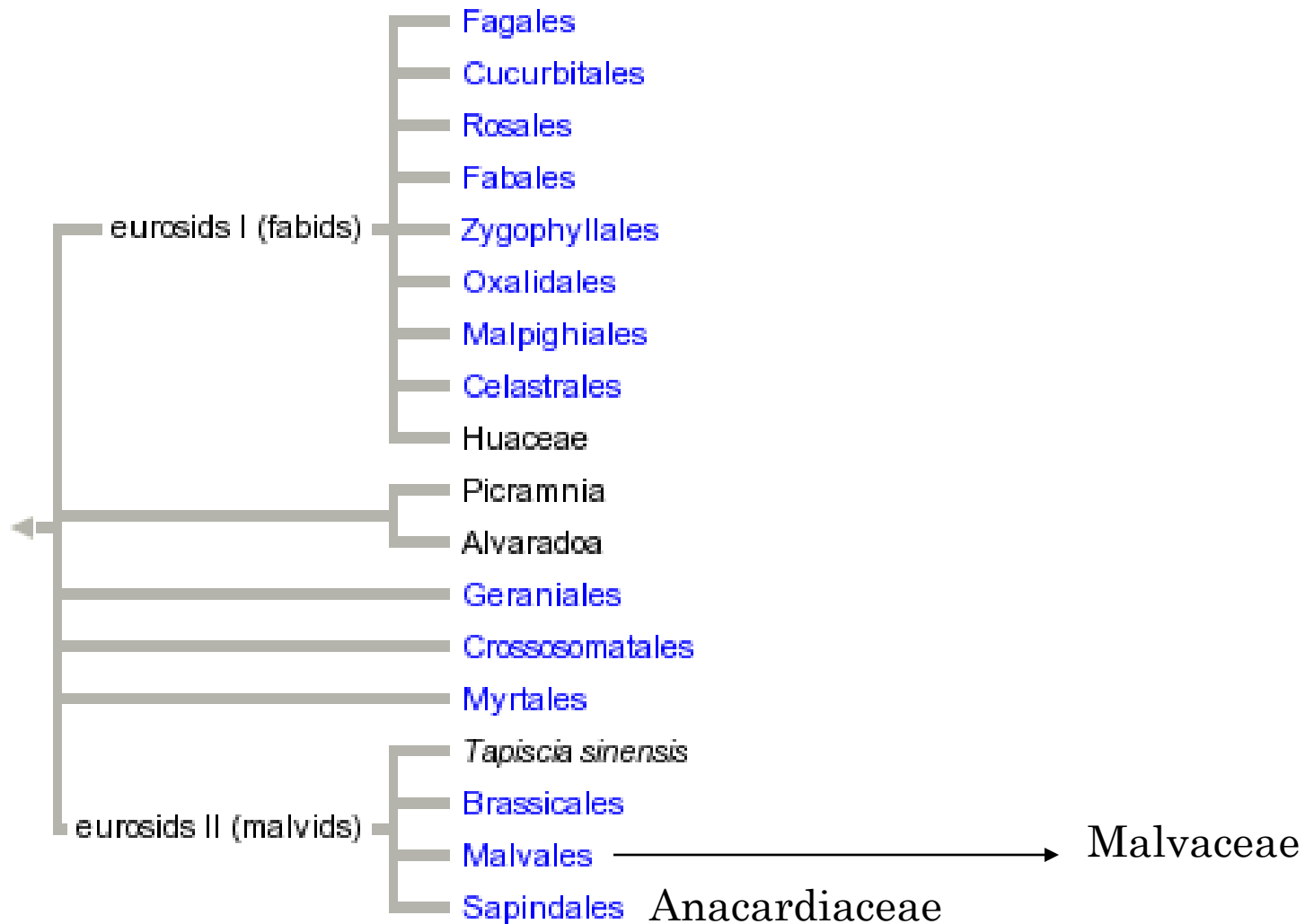


Conocarpus erectus L. “mangue-de-botão”

Laguncularia racemosa (L.) C.F. Gaert. “mangue-branco”



EUDICOTILEDÔNEAS ROSÍDEAS



Malvales - Malvaceae

O K5 C5 A(∞) G(5)



(+ Tiliaceae + Sterculiaceae *in lato sensu*)



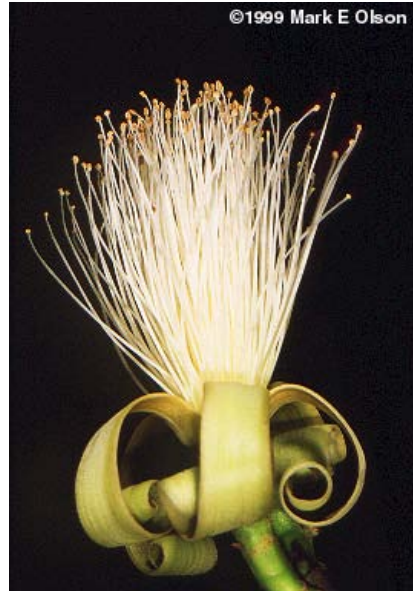
Luehea “açoita-cavalo”



Theobroma “cacaueiro”



+ Bombacaceae



TURNERACEAE



MALVALES - ANACARDIACEAE



MALVALES - ANACARDIACEAE



MALVALES - ANACARDIACEAE

Spondias



Mangifera



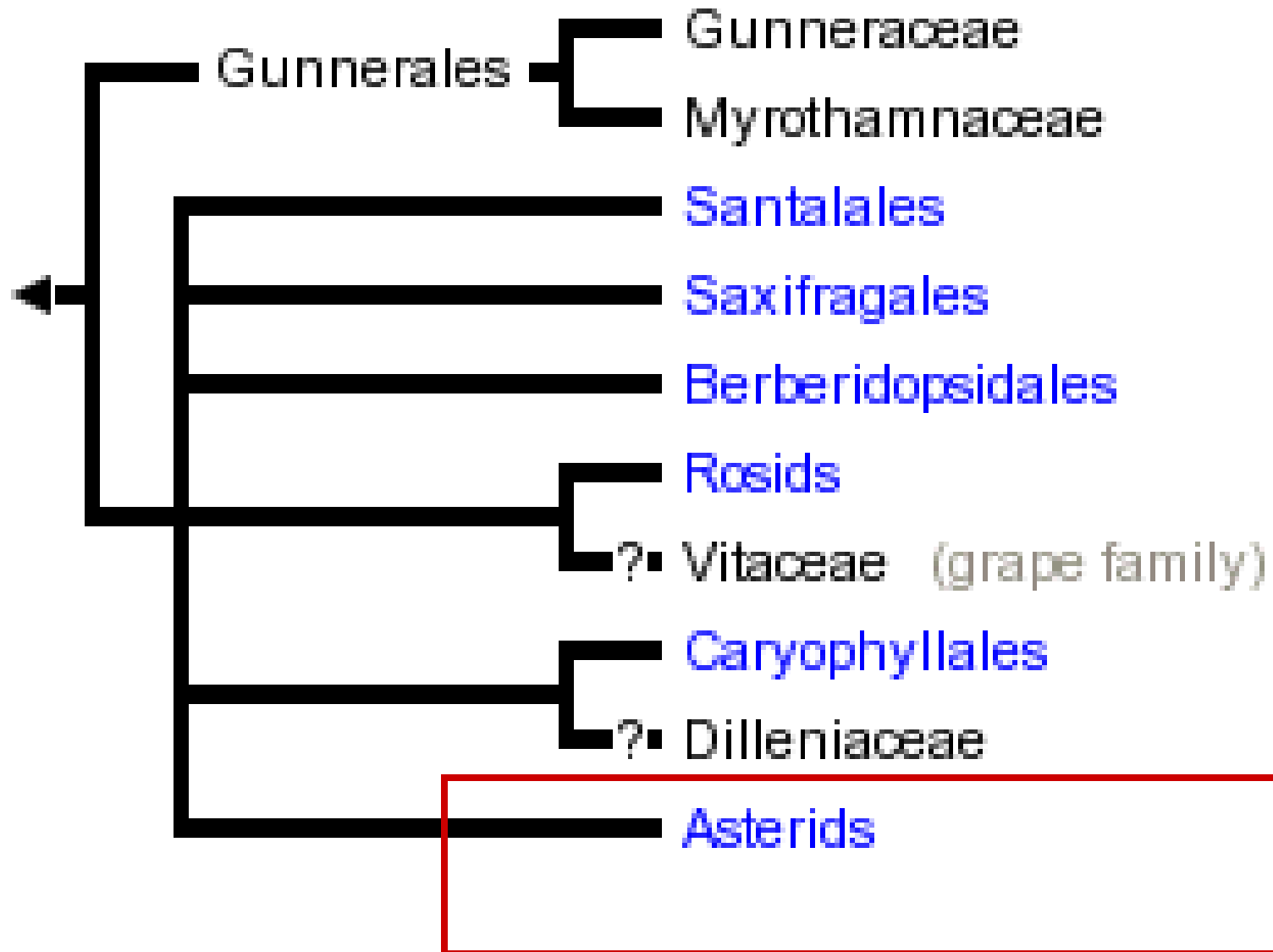
ANACARDIACEAE



doce de caju



EUDICOTILEDÔNEAS



EUDICOTILEDÔNEAS

