

Lab 6 - Rosids, part 1

I. Families to Know on Sight (no keying allowed for lab quizzes or final)

A. Rosaceae

Minimum Diagnostics: Woody plants with toothed, simple leaves, or herbs with toothed, trifoliate leaves; flowers regular with 5 clawed petals, 10 or more stamens, and hypanthium well developed; fruit various, but derived from multiple free or fused carpels.

B. Fabaceae

Minimum Diagnostics: Woody or herbaceous plants with compound (rarely simple) leaves, entire (rarely toothed) leaflets, and pulvini at ends of petioles and petiolules; flowers irregular (regular) with 5 (not clawed), 10 stamens, and hypanthium; fruit a legume, derived from the 1 carpel of the flower.

More info about flowers:

Flowers Faboid-type, Mimosoid-type, or Caesalpinoid-type;

II. Genera to Know (you can write your own key to genera and use on lab final)

A. Rosaceae

1. *Rosa*
2. *Malus*
3. *Prunus*
4. *Rubus*
5. *Crataegus*
6. *Duchesnea*

B. Fabaceae

7. *Robinia*
8. *Coronilla*
9. *Albizia*
10. *Cercis*
11. *Trifolium*

C. Sapindaceae

12. *Acer*