

Lab 9 - Asterids 3, Rosids 3, Monocots 1

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

1. Araceae (aroids, arums)

Minimum Diagnostics: Terrestrial or epiphytic herbs, vines or lianas with conspicuous adventitious roots; simple leaves with pinnate venation; spathe & spadix.

2. Arecaceae or Palmae

Minimum Diagnostics: Trees or shrubs with unbranched aerial stems terminated by a rosette of large, sheathing, pinnately compound or palmately lobed, plicate leaves.

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

A. Asterids, part 3

Cornaceae

1) *Cornus*

Ericaceae

2) *Rhododendron*

3) *Vaccinium*

Aquifoliaceae

4) *Ilex*

B. Rosids, part 3

Cannabaceae

5) *Celtis*

Malvaceae

6) *Hibiscus*

Violaceae

7) *Viola*

C. Monocots

Araceae

8) *Arisaema*

9) *Anthurium*

Arecaceae

10) *Cocos*

11) *Serenoa*

Musaceae

12) *Musa*