

## Section Gireoudia - page 1

This program must have several, more than 10, of the species mentioned, to be effective. The more plants and the greater the variety, the better. The benefit to the program attendees will be in seeing the wide variation in plant structure that is represented by this one section. Plants should be passed around the room so that everyone has a chance to handle each plant and note its characteristics.

### **Section characteristics**

1. American (Mexico and Latin America)
2. Female flower with 2 tepals (sepals that look like petals)
3. Androecium zygomorphic (the collection of stamens are flat, not round in cross-section)
4. Stigma not kidney shaped (rather have two spiral arms), locules (seed chambers) 3

### **Other characteristics**

male flower with 2 tepals  
placenta bifid (forked)

### **Other section properties**

<b>With peltate leaves(the leaf umbo is not on the leaf margin)</b> conchifolia conchifolia var. rubrimacula fonsecae kellermanii manicata var. peltata nelumbiifolia peltata	<b>With palmately compound leaves (leaves consist of numerous leaflets)</b> carolineifolia thiemei
<b>With ascending rhizome (the rhizome rises up as it grows)</b> cardiocarpa carolineifolia crassicaulis lindleyana sericoneura	<b>With fimbriate collar at umbo (the leaf has a collar of hairs under the leaf at the stem attachment point)</b> heracleifolia manicata manicata var. aureo-maculata

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Species commonly found	Species less common	
<b>barkeri</b>	bettinae	mariti
<b>bowerae</b>	bowerae var. nigramarga	morii
<b>cardiocarpa</b>	bowerae var. roseiflora	mucronistipula
<b>carolineifolia</b>	breedlovei	multistaminea
<b>conchifolia</b>	buseyi	peltata
<b>conchifolia var. rubrimacula</b>	carrieae	peltata var. auriformis
<b>crassicaulis</b>	chiapenis	philodendroides
<b>fonsecae</b>	chivatoa	pinetorum
<b>heracleifolia</b>	corredorana	plantaginea
<b>hydrocotylifolia</b>	corzoensis	polygonata
<b>hypolipara (is sericoneura)</b>	crystalensis	pringlei
<b>kellermanii</b>	croatii	pruinata
<b>lindleyana</b>	dressleri	pubida
<b>macdougallii (is thiemei)</b>	fusca	quaternata
<b>manicata</b>	garagarana	rafael-torresii
<b>manicata var. aureo-maculata</b>	glandulifera	rhizocaulis
<b>mazae</b>	hispidivillosa	roseibractea
<b>multinervia</b>	huberti	sartorii
<b>nelumbiifolia</b>	involucrata	setulosa
<b>pilifera (is sericoneura)</b>	jaliscana	sousae
<b>plebeja</b>	karwinskyana	sparsipila
<b>sericoneura</b>	kenworthyae	squarrosa
<b>strigillosa</b>	knoopii	stigmosa
<b>thiemi</b>	kortsiae	tacanana
	louis-williamsii	urophylla
	lyman-smithii	vestita
		xilitlensis

Bill Claybaugh: 10/19/2004