

Supplementary Material to "Plant Species in a tract of insular Atlantic Forest in Ilhabela (SP): Floristics, photographic documentation, and identification keys of arboreal dicotyledons based on vegetative characteristics"

Identification key 2

Simple and opposite leaves

1. Presence of latex	<i>Clusia criuva</i>
1'. Absence of latex	2
2. Armed plants	3
2'. Unarmed plants	4
3. Petioles subsessile, leaves acrodromous.....	<i>Strychnos brasiliensis</i>
3'. Petioles elongated, leaves penninerved	<i>Chomelia pedunculosa</i>
4. Venation acrodromous	5
4'. Other types of venation	9
5. Leaves discolorous	<i>Miconia dodecandra</i>
5'. Leaves concolorous	6
6. Branch nodes with interpetiolar projections	<i>Miconia cinnamomifolia</i>
6'. Branch nodes without interpetiolar projections	7
7. Leaf pilose on abaxial surface	<i>Miconia fasciculata</i>
7'. Leaf glabrous to glabrescent on the abaxial surface	8
8. Leaf with attenuate base, acuminate apex, and setulose-ciliate margin	<i>Miconia tristis</i>
8'. Leaf with obtuse base, acute apex and smooth margin	<i>Tibouchina pulchra</i>
9. Stipules absent	10
9'. Stipules present	22
10. Margin slightly crenate, undulate or serrulate	11
10'. Margin entire	15
11. Leaves aromatic (citrusy odor), with serrulate margin	<i>Siparuna brasiliensis</i>
11'. Leaves non-aromatic, with slightly undulate margin	12
12. Dots present on the leaf limbus	13
12'. Dots absent on the leaf limbus	14
13. Vinaceous opaque dots on abaxial surface of the limbus, presence of domatia	<i>Campomanesia guaviroba</i>
13'. Translucent dots on abaxial surface of the limbus, absence of domatia	<i>Eugenia fusca</i>
14. Branches quadrangular	<i>Aegiphila integrifolia</i>
14. Branches terete	<i>Stiffia parviflora</i>
15. Leaves with involute margin petioles	<i>Myrcia spectabilis</i>
15'. Leaves with straight, non - involute margin petioles	16
16. Petioles velvety	17

16'. Petioles glabrous or with sparse trichomes	18
17. Petioles with ferruginous trichomes and glabrous adaxial surface	<i>Calyptanthes lanceolata</i>
17'. Petioles and both surfaces with trichomes cream coloration	<i>Myrcia hebeptala</i>
18. Dots present on the leaf limbus	19
18'. Dots absent on the leaf limbus	20
19. Dark dots on the abaxial surface of the limbus, decurrent base	<i>Marlierea excoriata</i>
19'. Dark dots absent on the limbus, slightly revolute base	<i>Myrcia splendens</i>
20. Leaves setulose on abaxial surface, membranous, salient secondary veins on the abaxial surface.....	<i>Cordia taguayensis</i>
20'. Leaves glabrous, chartaceous or coriaceous, flat secondary veins on the abaxial surface	21
21. Leaves discolorous, revolute margin at the base, roots with pneumatophores.....	<i>Avicennia schaueriana</i>
21'. Leaves concolorous, flat margin at the base, roots without pneumatophores.....	<i>Guapira opposita</i>
22. Margin crenate	<i>Cheiloclinium cognatum</i>
22'. Margin entire	23
23. Petiole base striated	<i>Salacia grandifolia</i>
23'. Petiole base smooth, non-striated	24
24. Branches, when sectioned, present reddish coloration	<i>Simira glaziovii</i>
24'. Branches, when sectioned, do not present reddish coloration	25
25. Leaf lamina has translucent dots	26
25'. Leaf lamina without translucent dots	27
26. Lamina 2.5–18 × 1–4.5 cm	<i>Coussarea nodosa</i>
26'. Lamina 16–47 × 7.5–18.5 cm	<i>Rustia formosa</i>
27. Petiole with pulvinus at the base	<i>Sloanea hirsuta</i>
27'. Petiole without pulvinus at the base	28
28. Branches verrucous	29
28'. Branches non-verrucous	30
29. Leaf lamina 13–30 × 5–14 cm, secondary veins 10–12/side	<i>Coussarea meridionalis</i>
29'. Leaf lamina 4.5–12 × 1–5 cm, secondary veins 3–6/side	<i>Coutarea hexandra</i>
30. Leaves discolorous.....	31
30'. Leaves concolorous	32
31. Leaves lanceolate, acuminate apex	<i>Alseis floribunda</i>
31'. Leaves oval, acute apex.....	<i>Rudgea jasminoides</i>
32. Domatia present	<i>Psychotria carthagenensis</i>
32'. Domatia absent	33
33. Branches quadrangular	34
33'. Branches cylindrical	35
34. Lamina 5–15 × 1.5–3 cm and secondary veins 9–11/side	<i>Psychotria leiocarpa</i>
34'. Lamina 5.5–24 × 2–10 cm and secondary veins 10–17/side	<i>Psychotria patentinervia</i>
35. Branches striated	<i>Cordia myrciifolia</i>
35'. Branches non-striated	36

36. Principal vein prominent on adaxial surface*Faramea truncata*
36'. Principal vein grooved on adaxial surface*Psychotria suterella*