

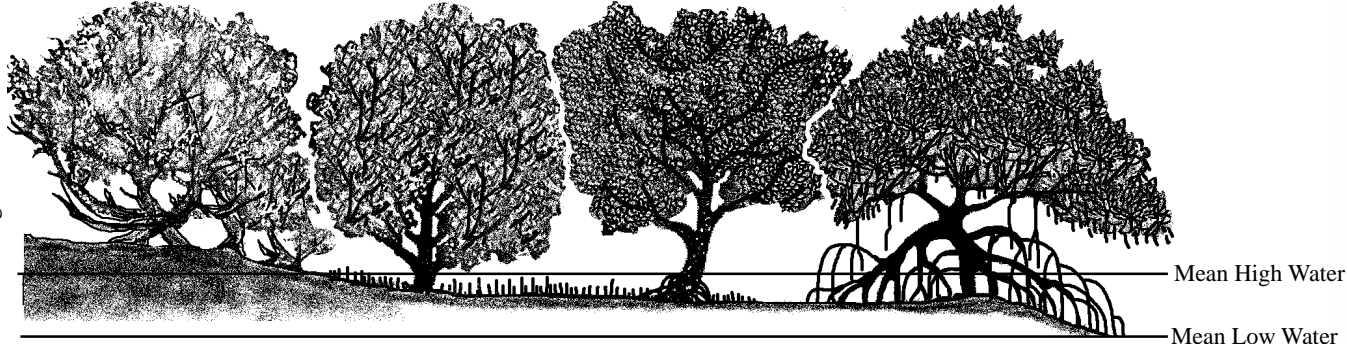
FIELD GUIDE TO FLORIDA MANGROVES

Buttonwood
Conocarpus

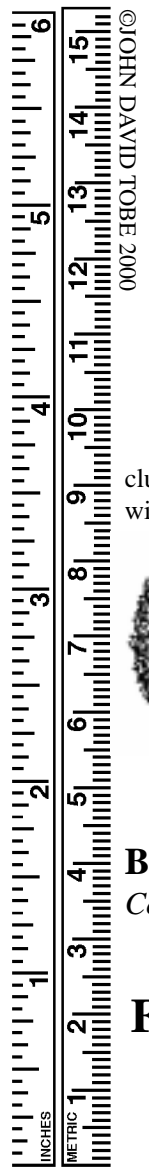
Black Mangrove
Avicennia

White Mangrove
Laguncularia

Red Mangrove
Rhizophora



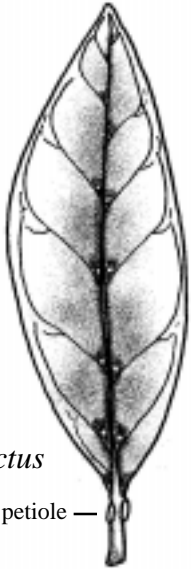
Mangroves provide coastal protection by binding the soil and they provide habitat and breeding areas for sea life



cluster of scalelike winged fruits



leaves alternate, 2-10 cm long, 2-3 cm wide



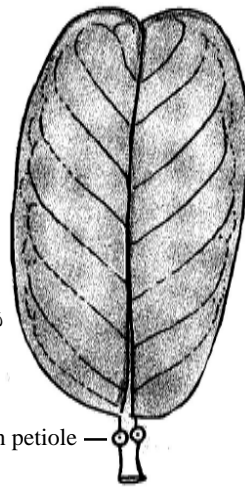
glands on petiole —

Buttonwood
Conocarpus erectus



fruit a ribbed, dark brown, leathery drupe

leaves opposite, 2-7 cm long, to 5 cm wide



glands on petiole —

White Mangrove
Laguncularia racemosa

leaves opposite, 5-8 cm long, 2-5 cm wide; upper surface often with salt grains, lower surface pale gray

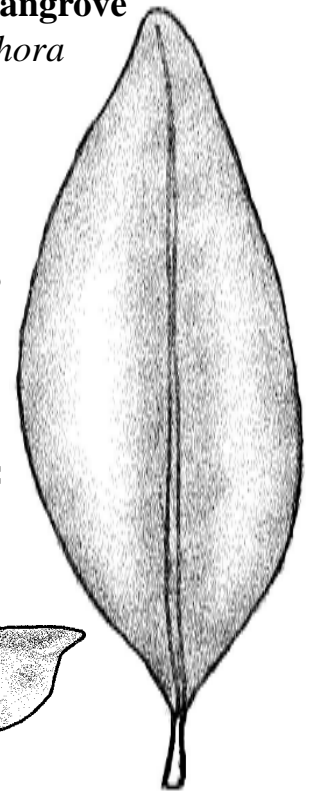


Black Mangrove
Avicennia germinans



Red Mangrove
Rhizophora mangle

leaves opposite, 5-15 cm long, 3-6 cm wide



“cone-like” fruit lifesize



alternate leaves, angled stem, leaves green and smooth or hairy - var. *sericea*; fruit a small round “botton”; trees up to 60 ft tall or shrubs

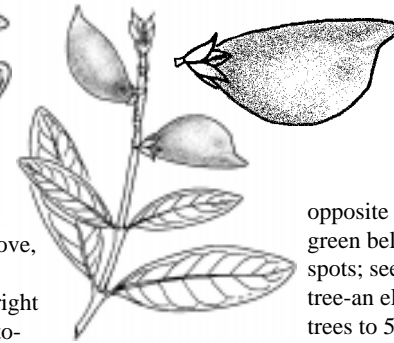


fruit life size

opposite leaves, tip often notched, fruit flattened to 2 cm long, glands on leaf petiole; trees to 50 feet tall or shrubs in northern edge of range

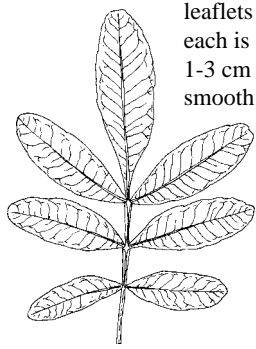


opposite leaves, dark green above, silvery gray below; bark dark grayish-brown to blackish; upright roots produced called pneumatophores, seeds resemble lima beans



opposite leaves, glossy above, dull green below, often with black spots; seedlings germinate on the tree-an elongate propagule; large trees to 50 ft, extensive prop-roots and arching roots

Plants associated with mangroves



leaflets usually 7-9,
each is 2-5 cm long;
1-3 cm wide, margins
smooth to toothed

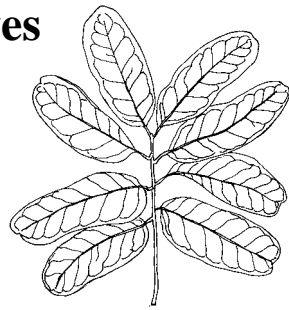
FAC

Brazilian-pepper

Schinus terebinthifolius

INVASIVE EXOTIC

evergreen tree with alternate odd-pinnately compound leaves, fruit a red drupe



Carrotwood

FAC

Cupaniopsis anacardioides

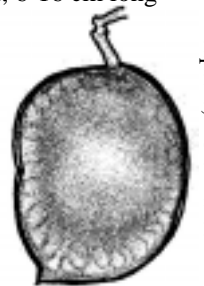
INVASIVE EXOTIC



evergreen tree with alternate pinnately compound leaves, fruit a yellow to orange capsule, seeds shiny-black, inner wood orange



leaves pointed, 6-16 cm long

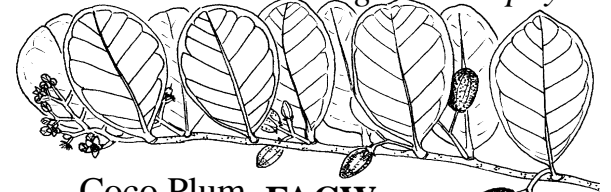


fruit a flattened capsule, 2-3 cm wide

Coin Vine

VINE

Dalbergia ecastophyllum



Coco Plum

FACW

Chrysobalanus icaco

leaves rounded, 3-8 cm long



fruit a leathery capsule, 3-5 cm wide

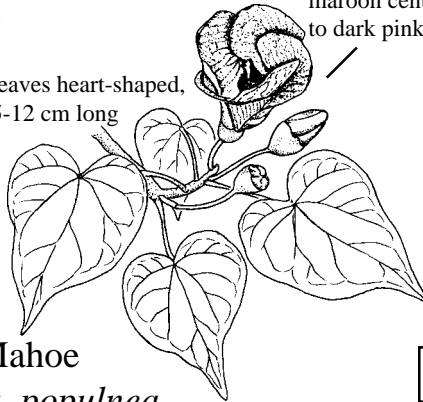
FAC

Seaside Mahoe

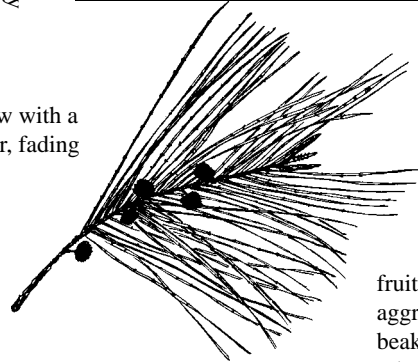
Thespesia populnea

INVASIVE EXOTIC

flowers yellow with a maroon center, fading to dark pink



leaves heart-shaped, 5-12 cm long



6-8 scale-like leaves/node

Australian Pine

FAC

Casuarina equisetifolia

INVASIVE EXOTIC



fruit a conelike aggregate with beaked capsules that release small winged seeds; shown here lifesize



VINE

Wild Allamanda

Pentalinon luteum

= *Urechites lutea*

vine with yellow flowers



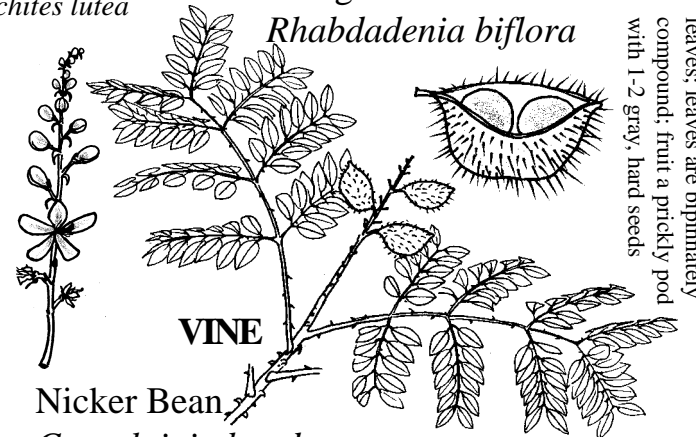
vine with whitish flowers

VINE

Mangrove Vine

Rhabdadenia biflora

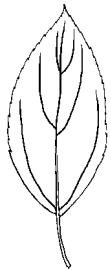
vine with prickly stems and leaves; leaves are bipinnately compound; fruit a prickly pod with 1-2 gray, hard seeds



VINE

Nicker Bean

Caesalpinia bonduc

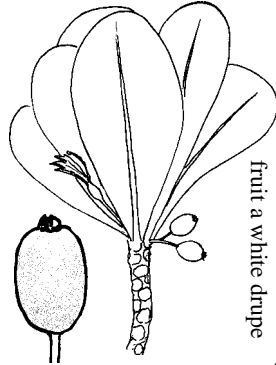
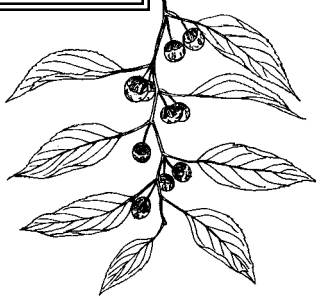


leaves dark shiny green with 3 main veins; 1.5 cm long, 5-6 cm wide

Asian Snakewood

Colubrina asiatica

INVASIVE EXOTIC



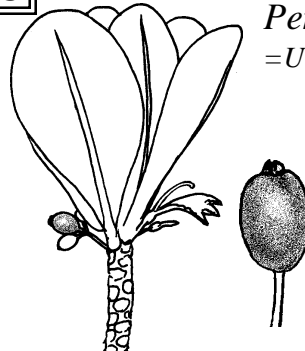
leaves thick and fleshy, to 12 cm or more long; fruit a white drupe

Beach Naupaka

UPL

Scaevola sericea

INVASIVE EXOTIC



Inkberry

UPL

Scaevola plumieri

leaves thick and fleshy, to 6.5 cm long; fruit a black drupe 0.5-1.4 cm wide