

FIELD GUIDE TO FLORIDA MANGROVES

Buttonwood
Conocarpus

Black Mangrove
Avicennia

White Mangrove
Laguncularia

Red Mangrove
Rhizophora

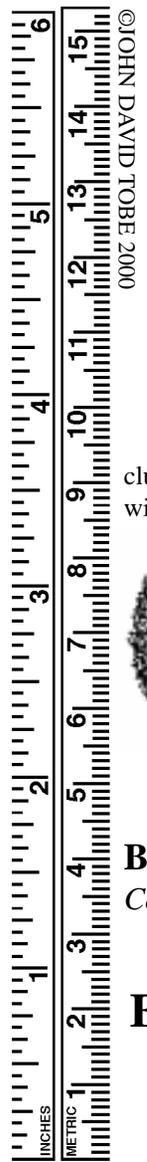


Mean High Water

Mean Low Water



Red Mangrove
Rhizophora mangle

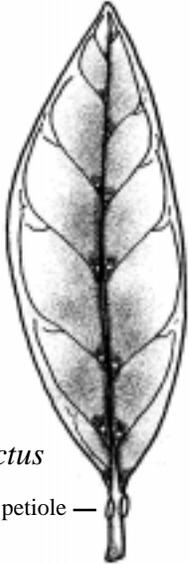


Mangroves provide coastal protection by binding the soil and they provide habitat and breeding areas for sea life

cluster of scalelike winged fruits



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



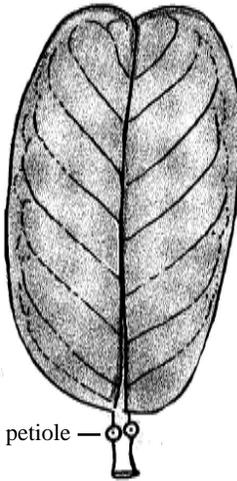
Buttonwood
Conocarpus erectus

glands on petiole —



fruit a ribbed, dark brown, leathery drupe

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



White Mangrove
Laguncularia racemosa

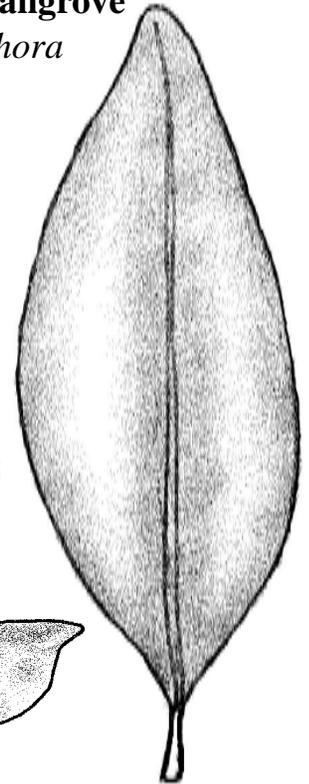
leaves opposite, 5-8 cm long, 2-5 cm wide; upper surface often with salt grains, lower surface pale gray



Black Mangrove
Avicennia germinans



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

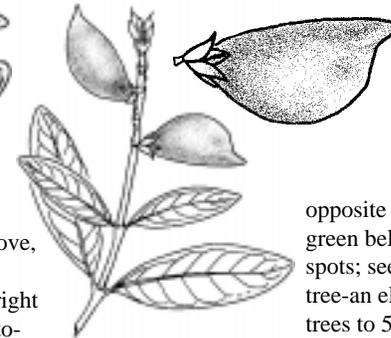


fruit life size

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

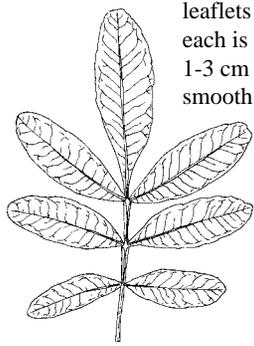


opposite leaves, dark green above, silvery gray below; bark dark grayish-brown to blackish; upright roots produced called pneumatophores, seeds resemble lima beans



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



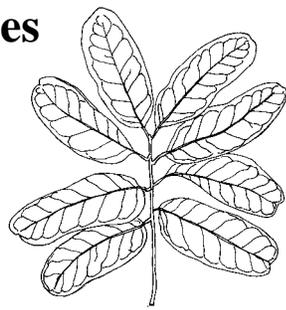
leaflets usually 7-9, each is 2-5 cm long; 1-3 cm wide, margins smooth to toothed

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



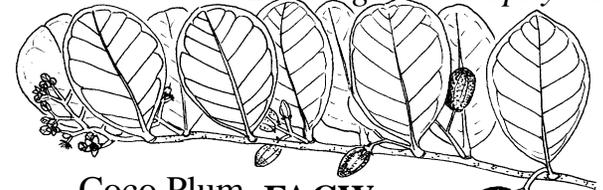
leaves pointed, 6-16 cm long



fruit a flattened capsule, 2-3 cm wide

Coin Vine VINE

Dalbergia ecastophyllum



Coco Plum FACW
Chrysobalanus icaco
leaves rounded, 3-8 cm long



vine with yellow flowers



Wild Allamanda
Pentalinon luteum
= *Urechites lutea*

VINE

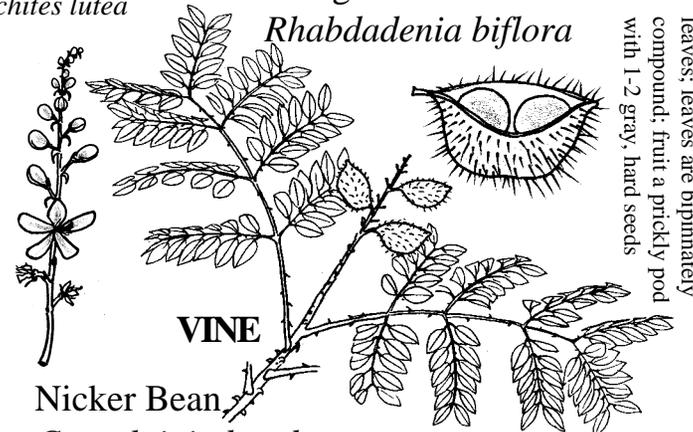
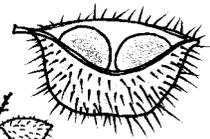


vine with whitish flowers

VINE

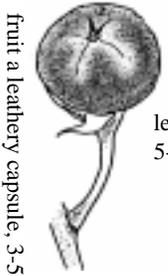
Mangrove Vine
Rhabdadenia biflora

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



Nicker Bean
Caesalpinia bonduc

VINE



fruit a leathery capsule, 3-5 cm wide

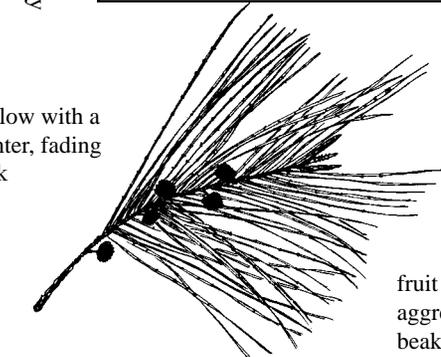
flowers yellow with a maroon center, fading to dark pink

leaves heart-shaped, 5-12 cm long

FAC

Seaside Mahoe
Thespesia populnea

INVASIVE EXOTIC

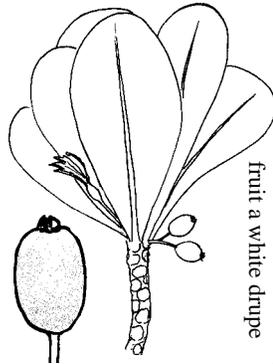


6-8 scale-like leaves/node
Australian Pine FAC
Casuarina equisetifolia

INVASIVE EXOTIC



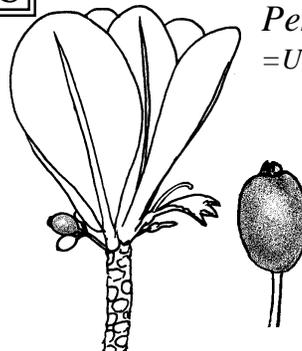
fruit a conelike aggregate with beaked capsules that release small winged seeds; shown here lifesize



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

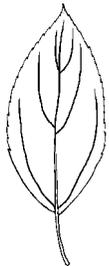
Beach Naupaka UPL
Scaevola sericea

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



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

Asian Snakewood FAC
Colubrina asiatica

INVASIVE EXOTIC

