



Water Matters Day 2022

Tree and Plant Giveaway

# Native Trees and Palms

# Live Oak

## *Quercus virginiana*

**A large spreading wind resistant canopy tree**

**Height:** 60 to 80 feet

**Light requirement:** full sun to partial shade

**Soils :** clay, sand, loam, alkaline, acidic, occasionally wet, well-drained

**Drought tolerance:** high

**Wildlife:** Supports diverse wildlife, nesting for birds, attracts butterflies and skippers

Dr. Doug Tallamy notes that oaks support more butterfly and moth caterpillars than any other tree species—important food for baby birds!



# Satinleaf

## *Chrysophyllum oliviforme*

A colorful specimen or accent tree, usually taller than broad

**Height:** typical 20 – 30 feet, 41 feet in South Florida

**Light requirement:** full sun to partial shade

**Soils:** prefers moist soils

**Drought tolerance:** moderate

**Wildlife:** nectar source for insects



# Cinnecord

## *Vachellia choriophylla*

Small accent or specimen flowering tree

**Height:** Moderate to fast growth to 15' – 20'

**Light requirement:** Full sun

**Soils:** Prefers well-drained soils

**Drought tolerance:** Very drought tolerant

**Flower:** Showy yellow flower in spring and summer

**Wildlife:** Great pollinator attractor; provides food and cover for wildlife; birds like the seeds

*Listed as endangered by the State of Florida and as critically imperiled in South Florida.*



# Torchwood

## *Amyris elemifera*

Small accent or specimen flowering tree

**Height:** Slow growing tree to 15 - 20 feet

**Light requirement:** Full sun, partial shade

**Soils :** Moist, well-drained sandy or limestone soils

**Drought tolerance:** Moderate

**Salt wind tolerance:** Some tolerance to salty wind but not direct salt spray.

**Flowers:** White fragrant flowers all year

**Fruit:** Purple to black fruits eaten by birds and small mammals

**Wildlife:** Important as one of only two larval food plants of the endangered Schaus' Swallowtail Butterfly.



# Mexican Alvaradoa

## *Alvaradoa amorphoides*

A beautiful accent tree that is rarely cultivated in South Florida. It is listed as endangered by the State of Florida.

**Height:** Moderate growth to 20 feet; usually taller than broad.

**Light Requirements:** Full sun to light shade

**Soils:** Moist, well drained limestone soils

**Drought Tolerance:** Does not require supplemental water once established

**Flowers:** Green to yellow semi-showy 3 - 4 inches long in fall-spring.

**Wildlife:** Larval host plant for Dina yellow and Cassius blue butterflies.



# Redberry Stopper

## *Eugenia confusa*

A rare small to medium attractive specimen tree

**Height:** Slow compact growth to 20 feet

**Light requirement:** Light shade to full sun

**Soils:** Moist, well-drained limestone or sandy soils

**Drought tolerance:** Moderate

**Flowers:** Semi-showy, white flower all year

**Fruit:** Small red berries attract birds

*Listed as endangered by the State of Florida*





# Florida Thatch Palm

## *Thrinax radiata*

Small accent or specimen palm

**Height:** Moderate to slow growth to 20 feet

**Light requirement:** Full sun to light shade

**Soils:** Moist, well-drained limestone or sandy soils

**Drought tolerance:** Moderate

**Flowers:** Showy, white flower all year – peak in spring

**Fruit:** Round, white drupe

**Wildlife:** Provides significant food and cover for wildlife. Larval host plant for monk skipper (*Asbolis capucinus*) butterflies. Attracts pollinators.

*Listed as endangered by the State of Florida*



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# Trees

Non-Native

# Sweet Almond

## *Aloysia virgata*

A fragrant woody tree/shrub that will attract many butterflies and honeybees to its many clusters of white flowers.

**Height:** 6-12 feet

**Light requirement:** Full Sun

**Soils:** Dry soil, moist soil, well-drained soil

**Drought tolerance:** Moderate

**Flowers:** Small, white fragrant all year

**Wildlife:** Atala butterflies love it as a nectar source



# Fruit Trees

Non-native

# Carambola, Star Fruit

## *Averrhoa carambola*

Beautiful tree producing abundant fruit

**Height:** 12' high x 12' wide

**Light Requirement:** Full sun

**Soils:** Well adapted to many types of well-drained soils

**Drought Tolerance:** Moderate

**Fruit:** Sweet citrus flavored fruit commonly eaten fresh, in salads, as garnishes and in drinks.

The carambola has two major blooms in south Florida, April through May and September through October. However, some bloom may be found throughout the year.



# Dwarf Mango

*Mangifera indica spp*

“Condo” varieties offered - TBD

**Height:** 6-12 feet

**Light requirement:** Full Sun

**Soils:** Dry soil, moist soil, well-drained soil

**Drought tolerance:** Moderate



# Native Shrubs

# Locustberry

*Byrsonima lucida*

An attractive small tree or large flowering accent shrub.

**Height:** Slow to moderate growth rate to 15 feet

**Light requirement:** Full sun to light shade

**Soils:** Prefers moist well-drained soils

**Drought tolerance:** High

**Flower:** Showy clusters of white to pink flowers turning dark red

**Fruit:** Reddish brown, berry-like drupe. Edible

**Wildlife:** Larval host for Florida duskywing and nectar for all butterflies; birds eat the fruit



Eric Fleites



# Firebush

## *Hamelia patens* var. *patens*

A versatile and attractive accent or specimen with year-round flowers for hummingbirds & butterflies! Can be a hedge, shrub or small tree.

**Growth:** Grows rapidly to 10 ft. high

**Light requirement:** Full sun to partial sun

**Soils:** Moist, well-drained sandy or limestone soils.

**Drought tolerance:** Moderate to high

**Flowers:** Red to reddish-orange, showy 1" long

**Fruit:** Rounded red to purplish-black juicy berries

**Wildlife:** Provides significant food and cover for wildlife



Mockingbird



Ruby-throated Hummingbird and Zebra Longwing

# Horizontal Cocoplum

## *Chrysobalanus icaco* 'horizontalis'

A low growing shrub with horizontal growth habit makes an excellent shrub or groundcover.

**Height:** Maximum 4 feet

**Light requirement:** Full sun to light shade

**Soils:** Prefers moist well-drained soils

**Drought tolerance:** Moderate

**Fruit:** White or yellow. Edible

**Wildlife:** Food source for birds and mammals



# Pearlberry, Tearshrub

## *Vallesia antillana*

A medium shrub or rarely a small tree with light green leaves

**Height:** 5 - 10 feet

**Light requirement:** Light shade

**Soils:** Prefers moist well-drained soils

**Drought tolerance:** Moderate

**Salt tolerance:** Moderate wind, moderate salt water

**Flower:** White, semi-showy

**Fruit:** White translucent drupe

**Wildlife:** Food source for birds and nectar source for bees and butterflies

*Listed as endangered by the State of Florida*



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# Little Strongbark

## *Bouerreria cassinifolia*

An accent shrub or hedge/border plant with showy flowers

**Height:** 5 -7 feet

**Light requirement:** Full sun to light shade

**Soils:** Prefers moist well-drained soils

**Drought tolerance:** High

**Flowers:** White, solitary, tubular

**Fruit:** Small, orange and fleshy

**Wildlife:** Food source for birds; it is especially attractive to butterflies



# Florida Privet

## *Forestiera segregata*

Accent shrub or tree; can also maintain as a hedge/border shrub, buffer planting; fast growth

**Height:** 10 - 15 ft

**Light Requirements:** Full sun

**Soils :** Tolerates well-drained sites to sites with extended flooding

**Flowers:** Green to yellow flowers in spring and winter that attract bees

**Fruit:** The fruits are purplish or dark blue berries that ripen in the spring and summer

**Wildlife:** The birds love the berries and the flowers attract bees



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# Coontie

## *Zamia integrifolia*

An accent groundcover and sole larval food plant for the endemic Atala hairstreak butterfly. Coontie is highly adaptable to many growing conditions.

**Height:** Grows slowly to 1 – 4 feet tall

**Light requirements:** Full sun to deep shade

**Soils:** Moist, well-drained sandy or limestone soils

**Flower/Fruit:** Brown cone and brilliant orange seeds.

**Wildlife:** Larval host plant for atala (*Eumaeus atala*) butterflies. Attracts butterfly and beetle pollinators.



# East coast lantana

## *Lantana depressa* var. *floridana*

A small to medium specimen plant suitable for both inland and coastal gardens.

**Height:** 3' – 5' high

**Light requirements:** Full sun

**Soils:** Well-drained sandy soils/lime rock

**Salt spray tolerance:** High – moderate

**Drought tolerance:** High

**Flower:** Showy flower year round ranging from bright yellow to white with a yellow center.

**Fruit:** Purple

**Wildlife:** Nectar plant for butterflies, moths and bees; birds eat the fruits.



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