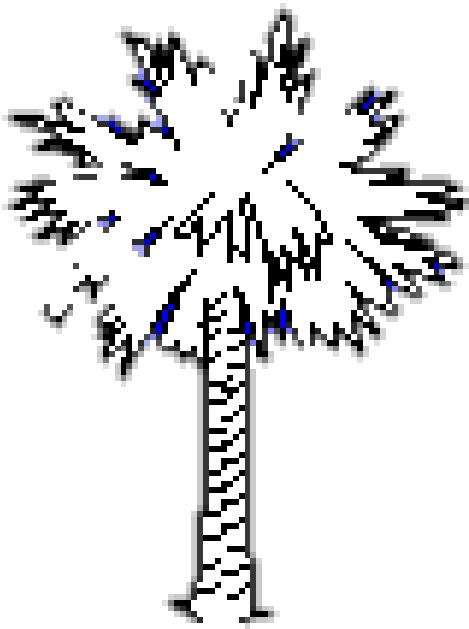


Native Plants For Little Gasparilla Island Florida



Second Edition, 2016

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Greetings Islanders!

This document was created to be used as a reference for residents of Little Gasparilla Island who are interested in creating a landscape using native plants. Only native plants appropriate for the area are listed and not only are they beautiful, they will greatly contribute to providing bird, butterfly and assorted wildlife habitat and do not require the continuous fertilizer and watering that most of the big box store nursery plants do. The information provided comes from books, online resources as well as personal experience gained from years of watching what works here and what doesn't. Creating an environment using Florida native plants will help enrich the life experience of every living thing on this special barrier island.

The formula is a simple one. Remove the exotic , invasive and high maintenance plants and replace with beneficial native plants that actually thrive on our island if planted in areas corresponding to their needs.

Exotic plants were brought to Florida for a variety of reasons but they lack natural controlling factors and frequently displace the native plants, are difficult to eradicate, and do not contribute to the seasonal variety of shelter and food provided by the natives.

The two primary invasive plants on LGI are the Brazilian Pepper and Australian Pine trees. The Brazilian Pepper tree is an aggressive invader and creates a dense single species thicket in which other plants can't compete. It is related to Poison Ivy and the leaves and bark contain urushiol, a toxic oil which can cause serious rashes and allergic reactions. Smoke from the burning wood is also toxic and can irritate and burn the throat, mouth and lungs.

The Australian Pine tree can grow 5-10 feet a year. They out-compete native vegetation by producing a dense leaf litter beneath them which contains chemicals that are toxic to other plants. The ground below becomes ecologically sterile and lacking in food value. The thick, shallow roots also make it very susceptible to being blown over during high winds.

Both the Brazilian Pepper and Australian Pine trees can be killed by cutting and spraying with the Element 4 herbicide which is available through the LGPOA. Cutting either one of these trees to the ground will not kill them. They will grow right back, so you must treat them with the Element 4 herbicide once they are cut in order to actually kill them. *The herbicide should never be applied around open water as it is highly toxic to aquatic organisms.* Minimum personal protection should include long-sleeved shirt, long pants, shoes and socks. Contact the LGPOA (Little Gasparilla Property Owners Association – lgpoa.org) for information on how to obtain the Element 4 herbicide. It is provided free of charge to any island resident making a request.

The Florida Native Plant Society defines a Florida native plant as follows:

A 'Florida native plant' refers to a species occurring within the state boundaries prior to European contact, according to the best available scientific and historical documentation. Florida native plants include those species understood as indigenous, occurring in natural associations in habitats that existed prior to significant human impacts and alterations of the landscape.

Why use native plants? Native plants are beautiful, they provide food and shelter for our wildlife and by having adapted to the soil, rain patterns, temperatures and pests of Florida they are low maintenance. Replacing exotic plants with natives conserves water, reduces fertilizer and pesticide usage and attracts wildlife.

Wishing you great success in creating a yard that is both a sanctuary for wildlife and a beautiful place in which to live.

~ Jennifer McCullough



EXOTIC INVASIVE TREE - REMOVE

Australian Pine Tree (*Casuarina Species*)



EXOTIC INVASIVE TREE - REMOVE

Brazilian Pepper Tree (*Schinus Terebinthifolius*)



FLOWERS / GROUND COVERS

Beach Verbena / Coastal Vervain (*Glandularia Maritima*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun	Low	Sandy	High	Medium	Butterflies	Medium	1.5-2 ft.	variable	Slightly Acidic Slightly Alkaline	9-11	Purplish-pink/white flowers in summer. Endangered. Short lived and may not reseed. Treat as an annual.



Black-Eyed Susan (*Rudbeckia Hirta.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	Medium	Butterflies Birds	Medium	2-3 ft.	1-2 ft.	Slightly Acidic Slightly Alkaline	8-10	Grows well in garden settings. Wildflower garden. Showy flowers.



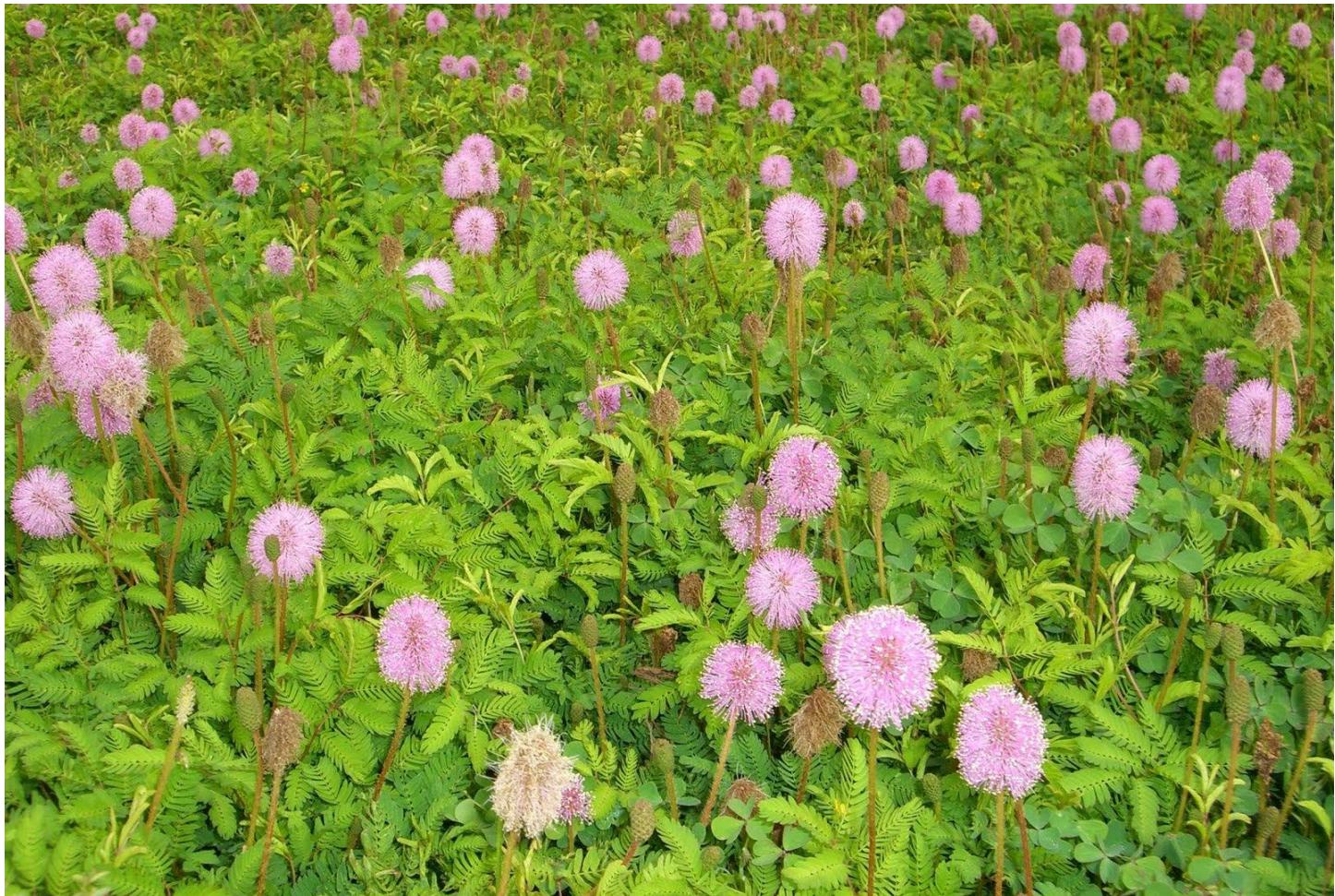
Coreopsis / Tickseed (*Coreopsis Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	Medium	Butterflies Birds	Fast	1-3 ft.	1-3 ft.	Acidic Slightly Acidic	8A-10B	Florida's state wildflower; orange/yellow flowers in summer.



Creeping Mimosa / Powderpuff / Sunshine Mimosa (*Mimosa Strigillosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Ground Cover	Full Sun	Full Sun	Low	Any	Medium	Medium	Bees	Fast	.5-.75 ft.	variable	Acidic Slightly Acidic Slightly Alkaline	8-11	Pink/purple powderpuff flowers and fernlike leaves create a beautiful and durable no-maintenance lawn/Ground Cover.



Dune/Beach Sunflower (*Helianthus Debilis*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun	Low	Sandy Loam	High	High	Butterflies Birds	Fast	1-4 ft.	2-4 ft.	Acidic Slightly Acidic Slightly Alkaline	8B-11	Yellow flowers all year; good ground cover for beaches and dune stabilization; develops fungus if planted in wet areas; no pest problems.



Gaillardia / Indian Blanket / Blanket Flower (*Gaillardia Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun	Low	Sandy Loam	High	Medium	Butterflies	Fast	1-2 ft.	2-3 ft.	Slightly Acidic Slightly Alkaline	8-11	No pest problems. Yellow/red flowers in summer.



Inkberry (*Scaevola Plumieri*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Ground Cover	Full Sun	Full Sun	Low	Sandy Loam	High	High		Slow	2-4 ft.	3-8 ft.	Any	10-11	Small pink and white flowers in summer. Spreads by underground rhizomes. Well suited to beachfront sandy soils.



Porterweed (*Stachytarpheta Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Low Medium	Any	Medium	Medium	Butterflies	Fast	2-8 ft.	3-4 ft.	Slightly Acidic Slightly Alkaline	8-11	Flowers variable.



Scarlet Sage / Tropical Sage / Blood Sage (*Salvia Coccinea*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Low	Sandy	High	Medium	Butterflies Hummingbirds	Medium	2-6 ft.		5.5 to 7.5	8-11	Attracts numerous pollinators - butterflies, hummingbirds and bumblebees. Use in wildflower gardens and meadows. Readily self-seeds and can be fairly aggressive.



Scorpion Tail (*Heliotropium Angiospermum*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Partial Shade	Full Sun Partial Shade	Medium	Sandy	Medium	Medium	Butterflies	Medium	1 ft.	variable	Circum-neutral	8-10	Use as a tall groundcover or small shrub. Small white flowers are produced on spikes that curl back at the tip.



Seaside Goldenrod (*Solidago Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Any	Sandy	High	High	Butterflies Birds	Medium	2-6 ft.	to 2 ft.	Acid Slightly Acidic Slightly Alkaline	8-10	Yellow flowers in summer-fall; large colonies form in some species; can produce allergic reactions;



Spider Lily (*Hymenocallis* spp.)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Partial Shade	Full Sun Partial Shade	Low	Any	High	High	None	Fast	1-3 Ft.	3-5 ft.	Acidic Slightly Acidic Alkaline	10-11	White/yellow flowers in spring-fall



Spotted Horsemint / Dotted Horsemint / Spotted Beebalm (*Monarda Punctata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Flower	Full Sun	Full Sun Partial Shade	Low	Any	Medium	High	Butterflies Hummingbirds	Fast	1-3 ft.	2-4 ft.	Slightly Acidic Slightly Alkaline	9B-11	Pink flowers in summer-fall.



GRASSES

Fakahatchee Grass (*Tripsacum Dactyloides* and Cvs.)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Grass	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	Medium		Medium	4-6 ft.	4-6 ft.	Acidic Slightly Acidic Slightly Alkaline	8-11	Cream/orange/red/yellow flowers in spring-summer. Pest resistant. Tolerates occasionally wet soil.



Florida Gama Grass / Dwarf Fakahatchee Grass (*Tripsacum Floridana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Grass	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	Medium		Medium	2-4 ft.	4-6 ft.	Acidic Slightly Acidic Slightly Alkaline	8-11	Yellow flowers in spring-summer. Used to stabilize banks and steep slopes.



Muhly Grass (*Muhlenbergia Capillaris*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Grass	Full Sun	Full Sun	Medium High	Sandy	High	High		Medium	2-5 ft.	2-3 ft.	Slightly Acidic Slightly Alkaline Alkaline	8-11	Pink flowers in fall. Tolerates drought and flooding.



PALMS / PALMETTOS

Buccaneer Palm (*Pseudophoenix Sargentii*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palm	Full Sun	Full Sun	Low	Any	High	Medium		Very Slow	10-15 ft.	10-15 ft.	Any	10A-11	Yellow flowers in summer. Produces grape-sized red fruit. Endangered in Florida. Grows naturally in sandy or limestone soils where little rain falls.



Florida Thatch Palm (*Thrinax Radiata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palm	Full Sun	Full Sun Partial Shade	Medium	Sandy	High	High	Birds	Medium	15-25 ft.	6-10 ft.	Any	10A-11	White flowers in summer. High wind resistance.



Key Thatch Palm / Brittle Thatch Palm (*Thrinax Morrisii*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palm	Full Sun	Full Sun Partial Shade	Dry Medium	Any	High	High	Birds	Slow	15-20 ft.	6-10 ft.	Any	10A-11	White flowers in summer. Tolerates occasionally wet soil. Tolerates light frost. High wind resistance.



Paurotis Palm / Saw Cabbage Palm (*Acoelorrhapha Wrightii*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palm	Full Sun	Full Sun Partial Shade	High Medium	Any	Medium	Medium		Slow	15-20 ft.	10-15 ft.	Slightly Acidic Slightly Alkaline	8B-11	Yellow/white flowers in spring. No pest problems. Forms a dense clump with many stems, needs space. Without regular fertilization, older leaves lose green color. Susceptible to manganese deficiency.



Sabal Palm / Cabbage Palm / Cabbage Palmetto (*Sabal Palmetto*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palmetto	Full Sun	Full Sun Partial Shade	Any	Any	High	High	Birds	Slow	25-60 ft.	10-15 ft.	Any	8B-11	Florida's state tree. Adapted to most landscapes. White flowers in summer. High wind resistance. Older palms transplant easily. Fruit & shelter important to wildlife.



Saw Palmetto (*Serenoa Repens*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palmetto	Full Sun	Any	Low	Any	High	High	Butterflies Birds	Slow	3-10 ft.	4-10 ft.	Any	8-11	Yellow/white flowers in spring. Difficult to transplant. Grows on first dune. Round black fruit used by many mammals and large birds. Green and silver varieties.



Scrub Palmetto (*Sabal Etonia*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palmetto	Full Sun	Full Sun Partial Shade	Low	Sandy Loam	High	Medium	Butterflies Birds	Slow	4-6 ft.	4-6 ft.	Any	9-11	Flowers in spring-summer; small, black berries in summer-fall; long-lived (likely over 100 years); tolerates hot, dry conditions; endemic to central Florida sand scrub; difficult to transplant.



Silver Palm (*Coccothrinax Argentata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Palm	Full Sun	Any	Low	Any	High	High	Birds	Very Slow	3-15 ft.	6-7 ft.	Any	10B-11	White flowers in summer. High wind resistance. Very slow growing. Fronds are silver underneath, graceful and beautiful.



SHRUBS / TREES

Banyan Tree / Shortleaf Fig (*Ficus Citrifolia*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Medium	Any	High	Medium	Butterflies Birds	Med-Fast	25-5- ft.	40 ft.	Any	10A-11	Edible fruit; Don't plant in drainfields, aggressive roots



Bay Cedar (*Suriana Maritima*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Low	Sandy Loam	High	High	Birds	Medium	5-20 ft.	5-8 ft.	Alkaline	10A-11	Small yellow flowers all year; great beach plant; will grow in sand or on bare rock; This tree is beautiful, ENDANGERED and grows great on LGI!



Beautyberry (*Callicarpa Americana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Partial Shade	Partial Shade	Medium	Any	High	Medium	Birds	Medium	6-8 ft.	6-8 ft.	Acidic Slightly Acidic Slightly Alkaline	8-10	Purple/light purple flowers in spring fall. Attracts wildlife. Small purplish fruit is eaten by some birds in late winter. Cut fruiting branches are used in flower arrangements. Even though listed as low salt tolerance, they seem to thrive on LGI.



Black Mangrove (*Avicennia Germinans*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	High	Sandy	None	High		Medium	20-30 ft.	10-20 ft.	Any	9A-11	White flowers all year; very good for salty shorelines with full sun; produces pneumatophores (breathing roots) that protrude around base of tree; flowers attractive to bees.



Black Torch (*Erythalis Furticosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low Medium	Sandy Lime Rock	Medium	Medium	Birds	Medium	4-8 ft.	4-6 ft.	Calcareous (high pH)	10-11	White flowers, red and black fruit. Known for showy flowers and interesting foliage. Good as a buffer plant. Could be used as an informal hedge. Provides wildlife shelter.



Buckthorn / Tough Buckthorn / Tough Bully (*Sideroxylon Tenax*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Any	High	High	Birds Wildlife	Medium	12-30 ft.	to 20 ft.	Any	8-10	Use as a hedge plant or specimen plant. Plant where the silky undersides of the foliage will be seen and where it will have space. Fragrant flowers attract many pollinators. Birds and other animals eat the fruit.



Buttonwood - Green/Silver (*Conocarpus Erectus*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Medium	Any	High	High	Birds	Medium	5-50 ft.	15-20 ft.	Slightly Acidic Slightly Alkaline Alkaline	10B-11	White/cream flowers in spring; silver leaved form more susceptible to sooty mold and insect problems; do not plant in marl soil; high wind resistance; good cover and nesting habitat for wildlife.



Cats-Claw / Catclaw Blackbead (*Pithecellobium Unguis-Cati*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun	Low Medium	Sandy	High	Medium	Butterflies Birds	Medium	10-25 ft.	10-15 ft.	Calcareous (high pH)	10-11	Showy, fragrant flowers. Thorns. Larval host plant for Cassius Blue and Large Orange Sulphur butterflies. Nectar plant for Cassius Blue butterflies.



Cinnamon Bark / Wild Cinnamon (*Canella Winterana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low	Sandy Loam	High	High		Slow	10-30 ft.	10-30 ft.	Slightly Acidic Slightly Alkaline Alkaline	10B-11	Purple flowers in summer; beautiful shape and foliage; all parts are poisonous.



Cinnecord Acacia / Tamarindillo / Thornless Acacia (*Acacia Choriophylla*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun	Low Medium	Sandy Lime Rock	High	Medium	Butterflies Birds	Fast	15-20 ft.	20-30 ft.		10-11	Showy flowers, aroma, fragrance and interesting foliage. Provides food and cover for birds and other wildlife. Specimen tree. Low wind-resistance.



Cocoplum (*Chrysobalanus Icaco*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	Medium	Butterflies Birds	Medium	3-30 ft.	10-20 ft	Slightly Acidic Slightly Alkaline	10-11	White flowers all year; good screen; use as a hedge; no pest problems; edible fruit; attracts wildlife (purple "plums" used by large birds and mammals); high wind resistance.



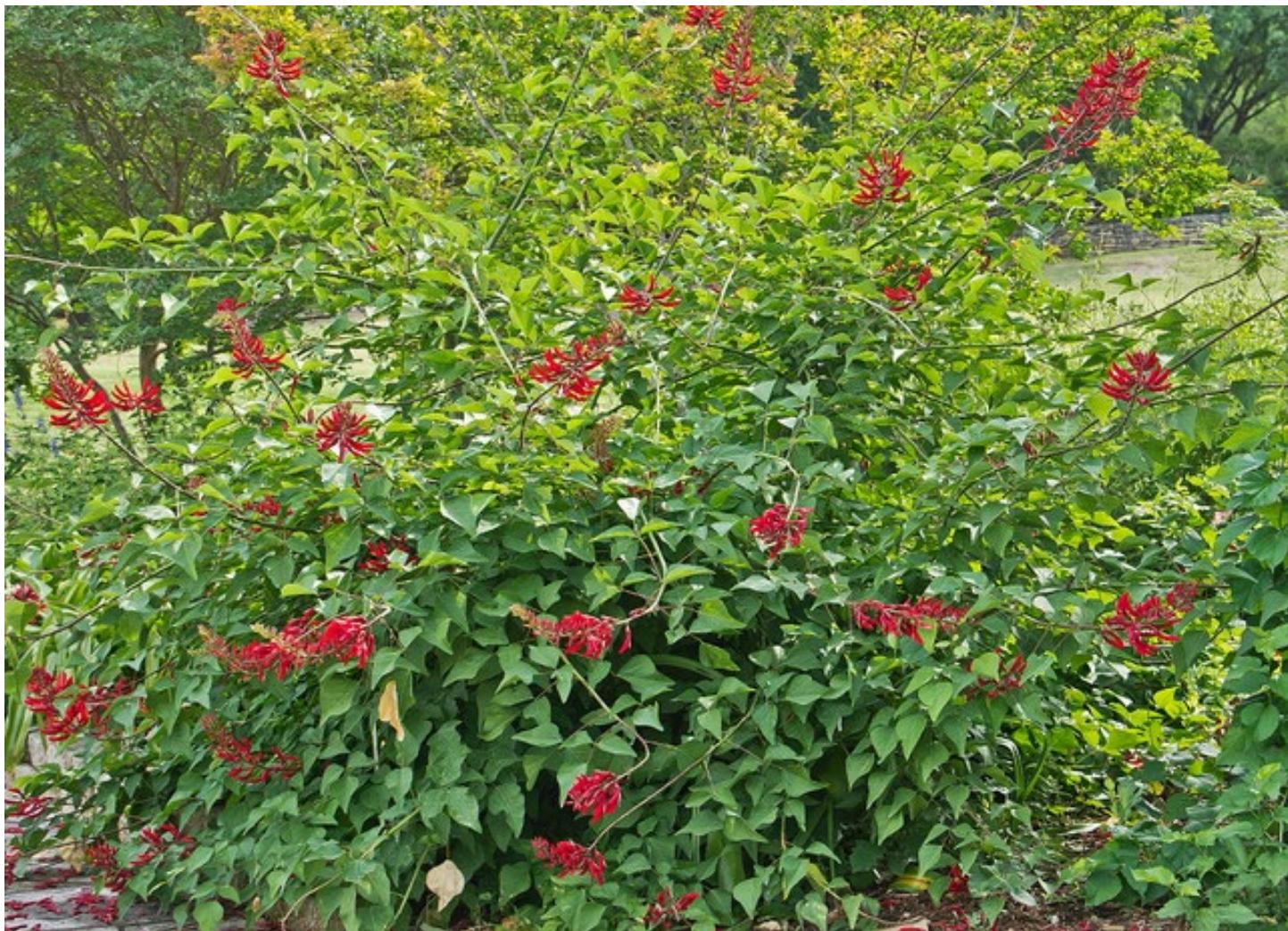
Coontie / Florida Arrowroot / Florida Zamia (*Zamia Floridana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub (cycad)	Partial Shade	Any	Low	Any	High	High	Butterflies	Slow	1-5 ft.	3-5 ft.	Any	8B-11	Florida's only native cycad; seeds and caudex poisonous; sole larval food plant for Atala butterfly; pest sensitive.



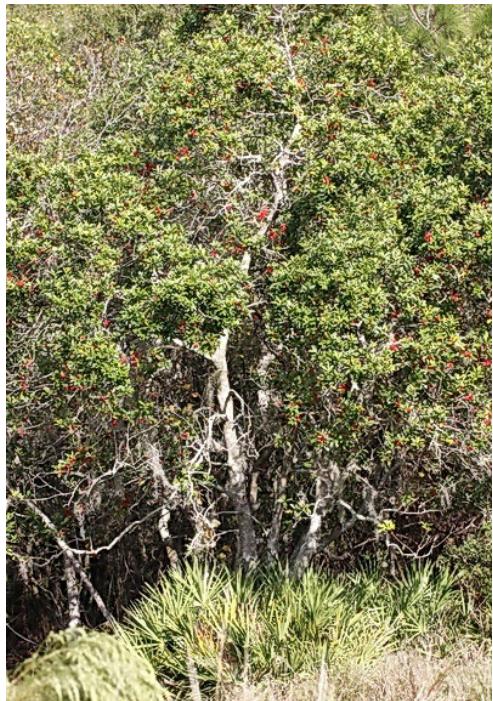
Coral Bean / Cherokee Bean / Cardinal Spear / Red Cardinal (*Erythrina Herbacea*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Any	Low Medium	Sandy Loam	High	High	Butterflies Hummingbirds Birds	Medium	3-20 ft.	2-10 ft.	Slightly Acidic Slightly Alkaline	8-11	Can be used to form a thicket for wildlife protection. Has small thorns. The seeds are poisonous. Beautiful bright pink seed pods. Attracts hummingbirds and other long-tongued pollinators. Due to its dense foliage and thorny stems, serves as a refuge for small birds and animals.



Dahoon Holly (*Ilex Cassine* And Cvs.)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Any	Medium High	Any	Medium	Medium	Birds	Medium	20-30 ft.	15-20 ft.	Acidic Slightly Acidic	8-10	White flowers in spring; important source of pollen for bees; berries provide food for many wildlife species; needs to be in a wet area; high wind resistance.



Fiddlewood (*Citharexylum Fruticosum*, *C. Spinosum*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Low	Any	High	Medium	Butterflies Birds	Medium	15-25 ft.	12 ft.	Acidic Slightly Acidic Slightly Alkaline	10-11	White, fragrant flowers all year; beautiful foliage; attracts wildlife.



Firebush / Scarletbush (*Hamelia Patens*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Partial Shade	Any	Medium	Any	Medium	Medium	Butterflies Hummingbirds Birds	Fast	5-20 ft.	5-8 ft.	Any	9-11	Orange/red flowers in summer. Foliage usually more attractive in shade but flowers best in sun. Tolerates occasionally wet soil. Dies back in freezes but returns. Specimen or hedge plant. Excellent hummingbird and butterfly attractant. Birds and small mammals eat the fruit.



Florida Bitterbush (*Picramnia Pentandra*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Low Medium	Sandy	Medium	Medium	Butterflies Birds	Medium	7-17 ft.		Variable	10A-11	Weeps with lace-like pinnate foliage that adds a tropical feel. Strings of pea size berries that turn bronze-red in late summer and gradually become black as they ripen, dry and fall as late as February. Larvalhost for the Bush Sulphur butterfly.



Florida Keys Blackbead (*Pithecellobium Keyense*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low Medium	Sandy Lime Rock	High	Medium	Butterflies Birds	Medium	to 10 ft.	8 ft.	Variable	10A-11	Beautiful shrub that is listed as threatened. The flowers are lovely and have a sweet aroma. Blooms profusely in late fall. Host plant for Large Orange Sulfur and Cassius Blue butterflies.



Gallberry (*Ilex Glabra*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Partial Shade	Partial Shade	High	Any	Medium	Medium	Birds	Slow	6-8 ft.	8-10 ft.	Acidic Slightly Acidic	8-10A	White flowers in spring; black fruit used by wildlife in late fall and winter; good for wetland/pine areas; high wind resistance.



Giant Leather Fern (*Acrostichum Danaeifolium*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Shade	Full Sun Partial Shade Full Shade	Medium High	Any	Low	High		Medium	4-8 ft.	3-5 ft.	Acid Slightly Acidic Slightly Alkaline	9-11	Large fern; good for wet sites in shaded landscape; foliage sometimes discolors in full sun without regular irrigation



Golden Creeper / Beach Creeper (*Ernodea Littoralis*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low	Sandy Lime Rock	High	High	Butterflies Hummingbirds Birds	Fast	2-3 ft.	2-3 ft.	Acidic to Calcareous	10-11	Showy white flowers and yellow fruit. Useful for beach dune stabilization. Provides food for birds and other wildlife.



Gumbo Limbo / Tourist Tree (*Bursera Simaruba*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low	Any	High	High	Butterflies Birds	Medium	20-50 ft.	25-40 ft.	Slightly Acidic Slightly Alkaline Alkaline	10B-11	Iconic florida coastal hammock tree; high wind resistance; drops leaves in early spring.



Hopbush / Varnish Leaf (*Dodonaea Viscosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun	Low	Sandy Loam	High	High		Medium	10-18 ft.	6-15 ft.	Any	9-11	Yellow flowers in summer-fall; relatively pest free.



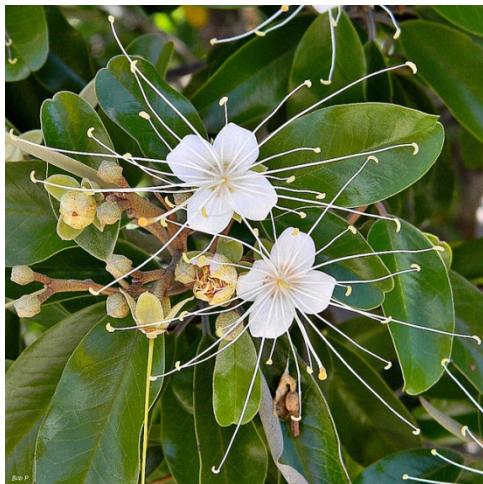
Horizontal Cocoplum / Beach Cocoplum (*Chrysobalanus Icaco*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low	Any	Medium	High	Butterflies Birds Tortoises	Medium	3 ft.	3-5 ft.	Slightly Acidic Slightly Alkaline	10-11	Low-growing, sprawling habit. Will fill beds in sunny, well-drained locations. New growth is a soft coppery color. The sweet fruit turns from creamy tones to pleasing peach.



Jamaica Caper / Mustard Tree (*Capparis cynophalliphora*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Partial Shade	Partial Shade	Low	Any	High	High	Butterflies	Slow	6-20 ft.	6-15 ft.	Slightly Acidic Slightly Alkaline Alkaline	10-11	Purple/white flowers in spring. High wind resistance. Larval host for Florida white (Appias Drusilla) butterflies. Attracts pollinators.



Jamaican Dogwood / Fish Poison Tree (*Piscidia Piscipula*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Medium High	Any	High	High	Butterflies Birds	Fast	30-50 ft.	30-50 ft.	Any	11	Lavender/white flowers. All parts are poisonous. Good wildlife value. Beautiful tree.



Joewood (*Jacquinia Keyensis*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Medium	Sandy Lime Rock	High	High	Birds	Slow	4-10 ft.	15 ft.	Calcareous (high pH)	10-11	Showy flowers, showy fruit, sweet fragrance, hurricane wind resistance, beautiful foliage, seeds are poisonous.



Limber Caper / Bayleaf Capertree (*Capparis Flexuosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low Medium	Sandy	High	Medium	Birds Caterpillars	Medium	10-20 ft.	10-20 ft.	Calcareous (high pH)	10-11	Fragrant, showy, white and pink flowers. Larval host for Florida White and Great Southern White butterflies.



Live Oak (*Quercus Virginiana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Any	High	High	Butterflies Birds Wildlife	Medium	40-80 ft. 60-120 ft.	Acidic Slightly Acidic Slightly Alkaline	8B-10B	Wildlife food. Produces mast used by many mammals, good nesting habitat for birds and squirrels. Acorns provide a good food source for many types of birds and mammals. Tolerates occasionally wet soil. High wind resistance.	



Marlberry / Marbleberry (*Ardisia Escallonioides*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Partial Shade	Partial Shade	Medium	Sandy Loam	Medium	High	Birds	Medium	10-21 ft.	3-12 ft.	Slightly Acidic Slightly Alkaline Alkaline	9-11	Fragrant, white flowers all year; attractive foliage; round purple fruit widely used by wildlife, mostly in fall and winter; no pest problems; good for screens and hedges.



Mastic / Wild Mastic / False Mastic (*Sideroxylon Foetidissimum*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun	Low Medium	Sandy Lime Rock	High	Medium	Birds		30-60 ft.	30-50 ft.	Calcareous (high pH)	10-11	Hurricane wind resistance. Interesting foliage. Shade tree. Flowers attract a variety of insects. Provides significant food and cover for wildlife.



Myrsine / Colicwood (*Myrsine Cubana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Any	Any	Medium	Sandy	Medium	High	Birds Wildlife	Fast	8-20 ft.	3-5 ft.	Circum-neutral	10-11	Hedge or screen plant. Great wildlife shelter. Miccosukee Indians used the dried leaves to mix with tobacco. Fast growing in shade with beautiful foliage.



Necklace Pod (*Sophora Tomentosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun	Low	Sandy Loam	High	High	Butterflies Hummingbirds Birds	Medium	6-10 ft.	8-12 ft.	Any	10-11	Showy yellow flowers all year. Attractive foliage. Tolerates poor soils and is easy to grow. Attracts many insect pollinators including bees, butterflies and moths. A larval food for various caterpillars. Seeds are poisonous to humans.



Paradise Tree / Bitterwood (*Simarouba Glauca*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Any	Medium	High	Birds	Medium	30-50 ft.	25-30 ft.	Any	10-11	Yellow flowers in summer. Medium high wind resistance. No major pest problems. Beautiful foliage!



Pigeon Plum (*Coccoloba Diversifolia*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low	Sandy	High	High	Birds	Fast	30-40 ft.	10-20 ft.	Acidic Slightly Acidic Slightly Alkaline	10A-11	White flowers in summer; edible fruit; watch for weevils; attracts wildlife; compact crown makes it good for small areas; medium-high wind resistance.



Privet / Florida Privet (*Forestiera Segregata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Low Medium	Sandy Loam	High	High	Birds Moths Wildlife	Medium	4-15 ft.	3-12 ft.	Slightly Acidic Slightly Alkaline Alkaline	8B-11	Yellow flowers in early spring; great hedge and cover for wildlife; fruit provides food for wildlife, flowers attract insects. High wind resistance.



Rhacoma / Maidenhair (*Crossopetalum Rhacoma*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low	Sandy Lime Rock	High	High	Birds Wildlife	Medium	3-8 ft.	3-8 ft.	Calcareous (high pH)	10-11	Screen plant. Specimen. Fruit attracts birds. Beautiful red berries.



Salt Bush / Groundsel Tree / Sea Myrtle (*Baccharis Halimifolia*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun	Medium	Any	Medium	High	Birds Moths Wildlife	Medium	8-12 ft.	6-12 ft.	Any	8-10	White flowers in fall; poisonous seeds; useful for reclaiming wet sites, by retention ponds and drainage ditches. Seeds are eaten by small birds and other wildlife.



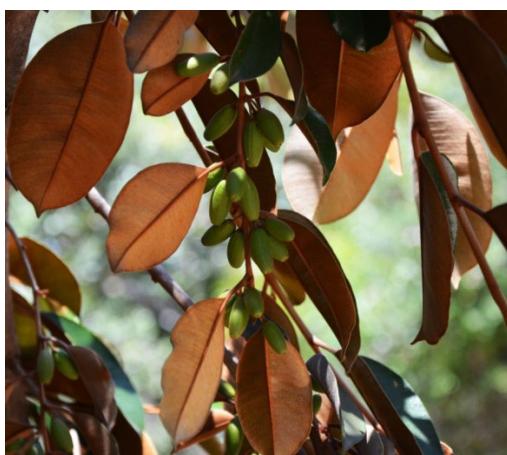
Sand Live Oak (*Quercus Geminata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun	Low	Sandy Loam	High	High	Birds	Slow	12-15 ft.	10-12 ft.	Slightly Acidic Slightly Alkaline	8-10A	High wind resistance. Good in dune areas. Important for wildlife food and shelter.



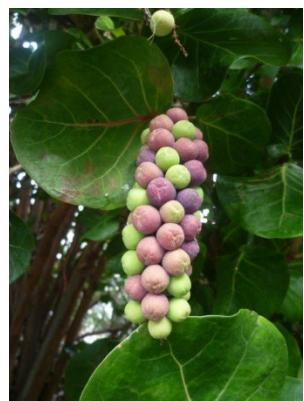
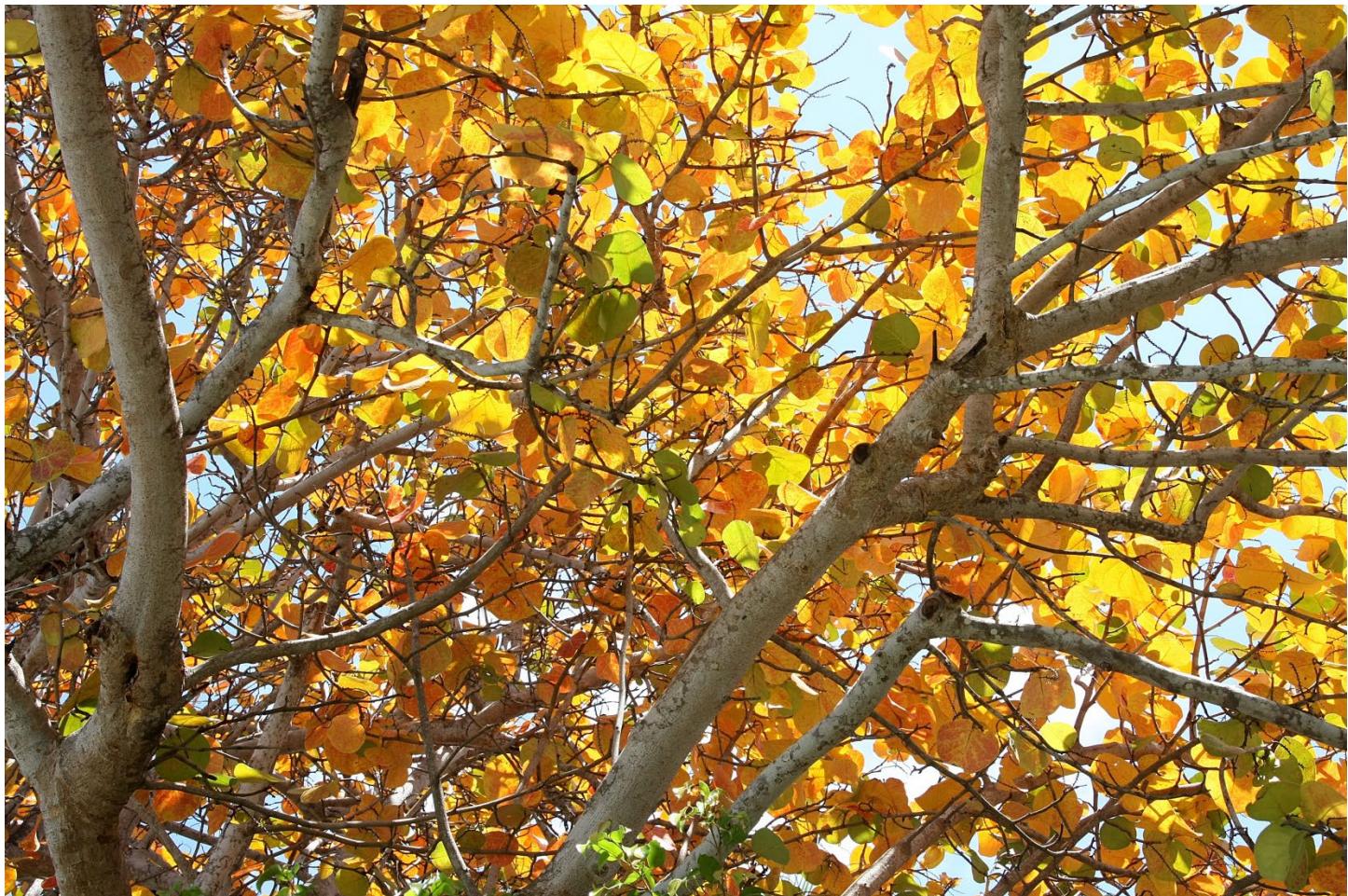
Satin Leaf (*Chrysophyllum Oliviforme*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Medium	Any	High	Medium	Birds	Slow	30-45 ft.	18-25 ft.	Slightly Acidic Slightly Alkaline	10A-11	Fragrant flowers; attracts wildlife; edible fruit; striking foliage; may need native soil incorporated in hole for better establishment; high wind resistance; difficult to establish but small seedlings transplant well.



Seagrape (*Coccoloba Uvifera*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Low	Sandy	High	High	Butterflies Birds Moths Wildlife	Medium	3-35 ft.	10-50 ft.	Acidic Slightly Acidic Slightly Alkaline	9-11	Fragrant, white flowers in spring; showy fruit attractive to large wildlife; beautiful foliage with fall color; deciduous, continual leaf drop; medium-high wind resistance.



Seven-Year-Apple (*Genipa Clusiifolia*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Medium	Sandy Loam	Medium	Medium	Butterflies Wildlife	Slow	10-15 ft.	15 ft.	Calcareous (high pH)	10-11	Showy flowers. Hurricane wind resistance. Large shrub to small tree. Large, showy, shiny leaves. Mature fruit is not attractive - young fruit is nice looking. Larval host for Tantalus Sphinx moths. Nectar plant for Mangrove Skipper and other butterflies.



Silver Sea-Oxeye-Daisy / Bushy Seaside Oxeye (*Borrichia Frutescens*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun	High	Any	Medium	High		Fast	2-4 ft.	2-3 ft.	Calcareous (high pH)	8-11	Wetland coastal wildflower. Beautiful flowers. Grows in abundance on LGI.



Simpson's Stopper / Twinberry (*Myrcianthes Fragrans*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Any	Any	Any	High	High	Butterflies Birds	Slow	6-30 ft.	15-20 ft.	Slightly Acidic Slightly Alkaline Alkaline	9B-11	Edible fruit; white, fragrant flowers all year and red berries used by many birds; tolerates occasionally wet soil; needs little attention once established.



Southern Red Cedar (*Juniperus Silicicola*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low	Any	High	High	Birds	Fast	40 ft.	20 ft.	Any	8A-10B	Attracts birds (excellent nesting cover and fruit provides food); good for dune planting.



Southern Slash Pine (*Pinus Elliotti* var. *Densa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Any	High	High	Birds	Fast	75-100 ft.	35-50 ft.	Acidic Slightly Acidic	8-11	Flammable. Medium wind resistance. Seeds provide wildlife food. Tolerates occasionally wet soil. Sensitive to disturbance.



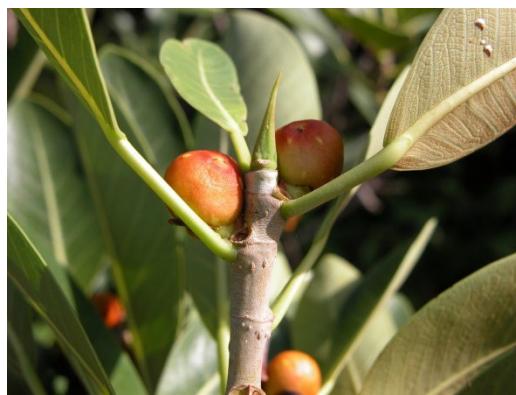
Stoppers - Red/Redberry/Spanish/White (*Eugenia Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Medium	Any	High	High	Butterflies Birds	Fast	10-30 ft.	5-20 ft.	Any	9-11	Flowers variable; few pests; needs little attention once established; high wind resistance;



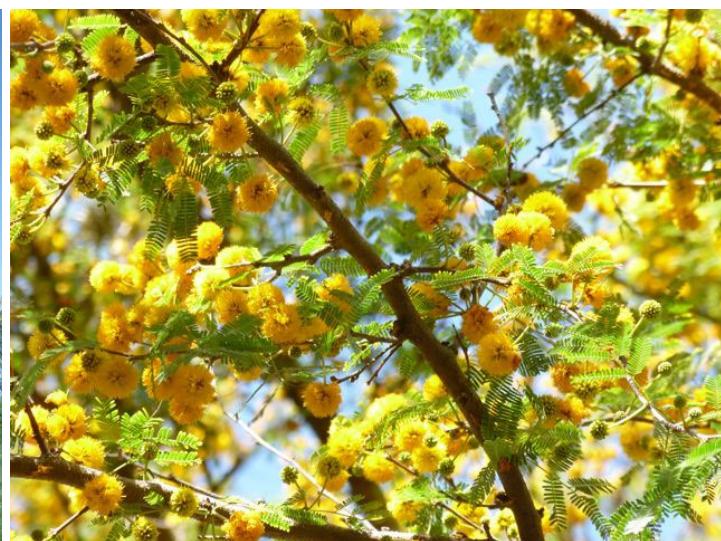
Strangler Fig (*Ficus Aurea*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Medium	Any	High	Medium	Butterflies Birds	Fast	40-60 ft.	30-50 ft.	Any	10B-11	Large tree best used where its form can be appreciated; sometimes starts as epiphyte, killing host tree (often encircling cabbage palm); fallen fruits may be messy; medium wind resistance. Huge wildlife food and shelter provider. Larval host to Ruddy and Antillean daggerwing butterflies.



Sweet Acacia (*Acacia Farnesiana*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun	Low Medium	Clay Sandy	High	Medium	Birds	Slow-Medium	10-25 ft.	15-25 ft.	Slightly Acidic Slightly Alkaline	9-11	Beautiful yellow flowers all year, especially spring; thorny; tolerates occasionally wet soils; provides seeds, nesting cover for birds; good nectar plant for beneficial insects. Perfume made from the flowers. Place where flowers and fragrance can be enjoyed, but away from walkways.



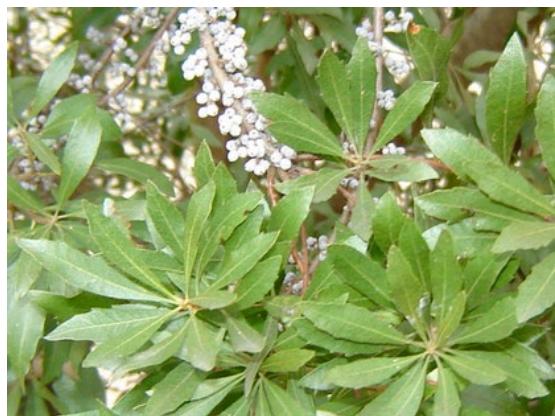
Toothache Tree / Hercules Club (*Zanthoxylum Clava-Herculis*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Sandy Clay Loam	High	High	Butterflies Birds Caterpillars Wildlife	Medium	10-25 ft.	10-25 ft.		8-10	Showy flowers, thorns, interesting foliage, interesting bark. Larval host for Giant Swallowtail. Birds and other wildlife eat the fruit.



Wax Myrtle / Bayberry (*Myrica Cerifera* And Cvs.)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Full Sun	Full Sun Partial Shade	Medium	Any	Medium	High	Butterflies Birds	Fast	10-4- ft.	20-25 ft.	Any	8-10	Good as a background or hedge plant that also attracts wildlife; medium-low wind resistance; good wildlife cover; seeds eaten by birds; larval host for Banded Hairstreak and Red-Banded Hairstreak butterflies.



West Indian Mahogany (*Swietenia Mahagoni*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Any	High	High	Birds Butterflies Moths	Fast	40-75 ft.	40-60 ft.	Any	10B-11	Showy fruit; fragrance; high wind resistance; interesting foliage. Tolerates occasionally wet soil. Attracts a diverse community of small butterflies, moths and insects.



White Indigo Berry (*Randia Aculeata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low Medium	Any	High	High	Butterflies	Medium	3-10 ft.	3-6 ft.	Any	10-11	Showy fruit. Thorns. Shrub border or foundation plant. Valued for its shiny foliage and dense branching. Larval host for Tantalus Sphinx Moths. Nectar plant for Schaus' Swallowtail and other butterflies.



Wild Coffee (*Psychotria Nervosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Partial Shade	Partial Shade Full Shade	Medium	Any	Medium	Medium	Butterflies Birds	Medium	4-10 ft.	4-10 ft.	Slightly Acidic Slightly Alkaline	10B-11	White flowers in spring-summer; red fruit eaten by many wildlife species.



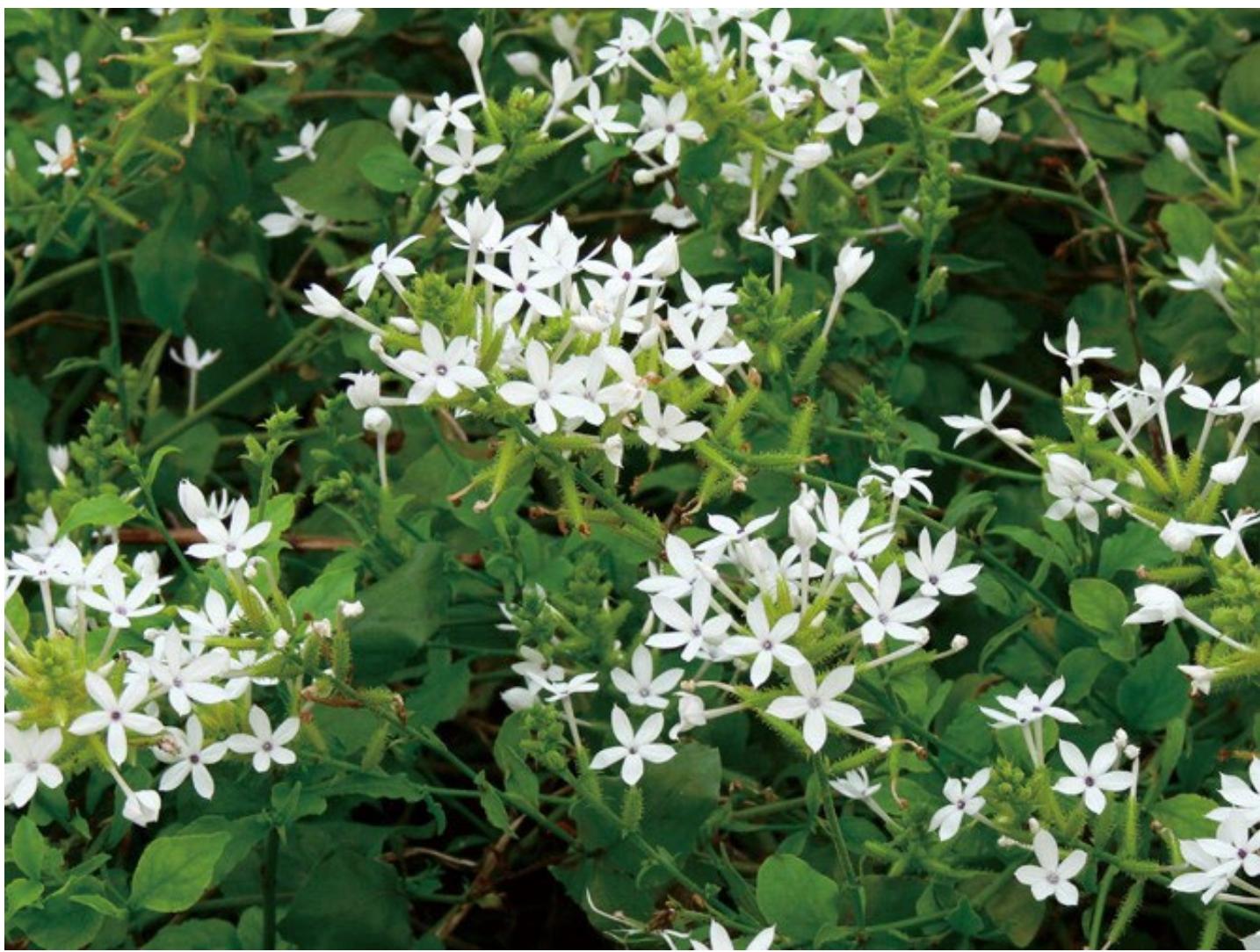
Wild Lime (*Zanthoxylum Fagara*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low Medium	Sandy Lime Rock	High	Medium	Butterflies Birds Caterpillars Wildlife	Medium	5-20 ft.	3-12 ft.		9-11	Fragrant blooms; thorns; beautiful foliage. Use as a hedge or buffer/screen plant where the thorns will be an asset. Larval host for Giant Swallowtail and Schaus' Swallowtail. Provides great wildlife cover. Fruit is used by birds and other wildlife.



Wild Plumbago / White Plumbago (*Plumbago Zeylanica*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Partial Shade	Partial Shade Full Shade	Low Medium	Sandy Lime Rock	High	Medium	Butterflies Caterpillars	Medium	1 ft.	3-4 ft.		9B-11	Long lived perennial that can be used as an understory shrub or as groundcover in shady settings. It is a larval host for the Cassius Blue butterfly. Beautiful white flowers.



Wild Sage/Button Sage (*Lantana Involucrata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun	Low Medium	Sandy Loam	Medium	High	Butterflies Birds	Fast	2-5 ft.	1-5 ft.	Acidic Slightly Acidic Slightly Alkaline	9A-11	White Flowers All Year



Wild Tamarind / False Tamarind / Bahama Lysiloma (*Lysiloma Latisiliquum*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Tree	Full Sun	Full Sun Partial Shade	Low	Any	High	High	Butterflies Birds	Fast	40-60 ft.	30-50 ft.	Slightly Acidic Slightly Alkaline Alkaline	10B-11	Small white/pink fragrant flowers in spring-summer; needs to be pruned for strong form; beautiful lacy foliage; no pest problems; medium-high wind resistance. Larval host for Large Orange Sulfur, Mimosa Yellow and Cassius Blue butterflies.



Yaupon Holly (*Ilex Vomitoria* And Cvs.)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub Tree	Partial Shade	Full Sun Partial Shade	Any	Any	High	High	Butterflies Birds	Medium	Variable	Variable	Acidic Slightly Acidic Slightly Alkaline	8-10	White flowers, spring-summer; red fruit wildlife food, late fall-winter; high wind resistance; great wildlife cover.



Yucca / Spanish Bayonet (*Yucca Spp.*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Shrub	Full Sun	Full Sun Partial Shade	Low	Any	High	High	Butterflies	Medium	3-12 ft.	3-6 ft.	Acidic Slightly Acidic Slightly Alkaline	8-11	White aromatic flowers in spring to summer.



VINES

Beach Jacquemontia (*Jacquemontia Reclinata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Full Sun	Full Sun	Low	Sandy	High	Medium		Slow				10A-11	Showy white flowers. Used as groundcover in dry coastal settings. Rare, but the Sanibel nursery has them.



Coral Honeysuckle (*Lonicera Sempervirens*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Partial Shade	Any	Medium	Any	Medium	Medium	Butterflies Hummingbirds Birds	Fast	10-15 ft.	Variable	Acidic Slightly Acidic Slightly Alkaline	8-10A	Stunning red flowers in spring-summer. Relatively pest free. Birds feed on the fruit. Great for use on a trellis or fence. Can also make a good groundcover though it will not bloom as well as it does with support. Larval host for Spring Azure and Snowberry Clearwing butterflies. Birds, especially cardinals, eat the seeds.



Corky Stem / Corky Passion-Flower (*Passiflora Suberosa*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Full Sun	Partial Shade	Low	Sandy Loam	Medium	Medium	Butterflies Wildlife	Fast	Variable	variable	Circum-neutral to calcareous	9-11	Grow on a trellis or let climb atree. Can also be used as a groundcover. Flowers are small but attractive. Blooms all year. Larval host for Gulf Fritillary, Julia Heliconian and Zebra Heliconian butterflies.



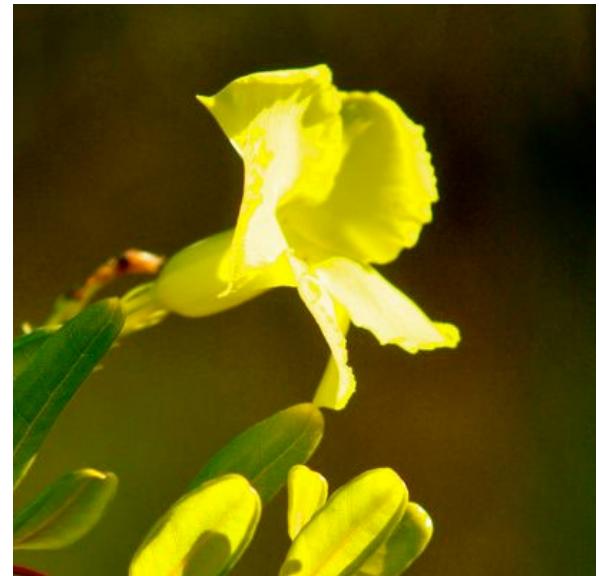
Passion Vine / Maypop / Purple Passion Flower (*Passiflora Incarnata*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Full Sun	Full Sun	Medium	Any	High	Medium	Butterflies Hummingbirds	Fast	5-10 ft.	Variable	Any	8B-11	Pink/purple flowers in summer-fall. Tolerates occasionally wet soil. Larval host plant to Zebra Longwing (state butterfly of Florida), Gulf Fritillary, Crimson Patch Longwing, Red Banded Hairstreak and Julia Heliconian butterflies. The young tendrils are eaten by wild turkey (which have been seen and photographed on the island).



Pineland Allamanda / Pineland Golden Trumpet (*Angadenia Berteroii*)

Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Full Sun	Full Sun	Medium	Sandy Lime Rock	Medium	Medium		Medium	Variable	variable	Calcareous (high pH)	10-11	Beautiful yellow flowers. Grows great up a Sabal Palm.



Skyblue Jacquemontia / Skyblue Clustervine (*Jacquemontia Pentanthos*)

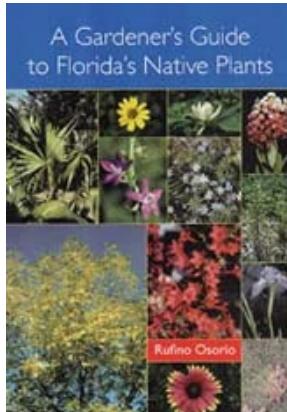
Plant Type	Optimal Light	Light Range	Soil Moisture	Soil texture	Drought Tolerance	Salt Tolerance	Wildlife	Growth Rate	Mature Height	Mature Spread	Soil pH	Hardiness Zone (LGI is zone 10A)	Comments
Vine	Full Sun	Full Sun	Medium	Sandy Lime Rock	Medium	Medium		Fast	To 12 ft. with support	Variable	Calcareous (high pH)	10-11	Beautiful blue flowers. Grow as a sprawling vine or use as a groundcover.



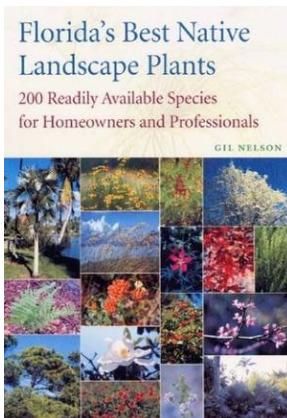
Resources

Books

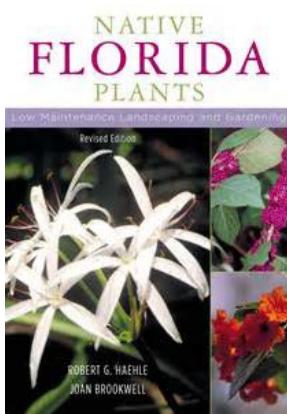
A Gardener's Guide to Florida's Native Plants by Rufino Osorio



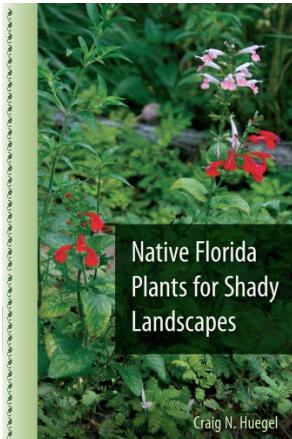
Florida's Best Native Landscape Plants: 200 Readily Available Species for Homeowners and Professionals by Gil Nelson



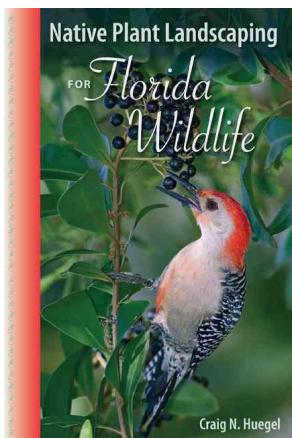
Native Florida Plants: Low Maintenance Landscaping and Gardening by Robert G. Haehle and Joan Brookwell



Native Florida Plants for Shady Landscapes by Craig N. Huegel



Native Plant Landscaping for Florida Wildlife by Craig N. Huegel



Natural Florida Landscaping by Dan Walton and Laurel Schiller



Websites

Florida Native Plant Society – www.fmps.org

Guide to Florida Plant Life – www.floridaplants.com/native.htm

Plant Real Florida – www.plantrealflorida.org

Find Native Plants – www.findnativeplants.com/south/florida-native-plants/

Native Plant Nurseries

All Native Garden Center

Contact
(239) 939-9663

Location

300 Center Road, Ft. Myers, FL

Hours

Monday - Saturday, 9:00am – 5:00pm
Sunday, 10:00am – 3:00pm

Website

www.allnative.biz

Florida Native Plants Nursery

Contact
(941) 322-1915

Location

730 Myakka Road, Sarasota, FL

Hours

Open to public: Thursday – Sunday, 10:00am – 4:00pm
Open by appointment for landscaping consultations: Monday, Tuesday & Wednesday

Website

www.floridanativeplants.com

Sanibel-Captiva Conservation Foundation Native Landscapes & Garden Center

Contact
(239) 472-1932

Location

1300 Periwinkle Way, Sanibel Island, FL

Hours

November through May
Monday – Friday, 8:30am – 5:00pm

June through October

Monday, Wednesday, Thursday and Friday, 9:00am – 3:00pm

Website

<http://www.sccf.org/content/74/Native-Plant-Nursery.aspx>

Final Thoughts

Consider contacting a local nursery to see if they would be willing to order the plants you want if it's not convenient for you to visit one of the native plant nurseries. One downside is that you're not able to pick your plants yourself. It's also great to walk around and look at all the various plants to be found at dedicated native plant nurseries and speak with the gardeners about any questions you may have, so if at all possible try to visit a native plant nursery when selecting your plants.

When trees die in your yard, whether you cut them down or they die from some other means, please consider leaving as much of them as possible. Stumps provide a wonderful habitat for all kinds of wildlife. They are essential for many birds, such as the Eastern Screech Owl and Red-Bellied Woodpecker, to nest and raise their young. The taller the stump, the better. Dead trees are home to lots of different animals so providing these places of cover helps wildlife tremendously. (photos below taken on LGI)



Lastly, the sooner you start putting your new native plants in the ground, the sooner you can begin enjoying a beautiful, wildlife friendly garden. It is easily within reach, so pick something you like which will work with your setting and get your plants in the ground. Then sit back and enjoy all that you're going to see, hear, smell and feel. You are doing something really important and making a difference in the quality of life for all island inhabitants.

~ Jennifer McCullough



