

Nectar Plants – for all butterflies including South Florida’s Most Wanted-MW butterflies - June 2017

Essential Nectar Plants

Trees

Common Name	NB	Scientific Name	Light	Moisture & Soil	Height in Feet	Butterflies & Pollinators
Lignum vitae		<i>Guaiacum sanctum</i>	Sun, part shade	Average, sand, well-drained	30-40	Lyside Sulphur, Variety of butterflies. Bees. Bird fruit
Redbay		<i>Persea borbonia</i>	Sun, shade	Average, sand, well-drained	20-40	Palamedes Swallowtail, Spicebush Swallowtail, Florida White, Hairstreaks
Sea Grape		<i>Coccoloba uvifera</i>	Sun	Average, sand, well-drained	10-62	Florida Duskywing, Fulvous Hairstreak, Variety of butterflies
West Indian Trema		<i>Trema micrantha</i>	Sun, part shade	Average, sand, well-drained, humusy layer	32	Host - lo moth, Nectar for Martial-Scrub Hairstreak, Gray Hairstreak
Wild Tamarind		<i>Lysiloma latisiliquum</i>	Sun	Average-dry, sand, loam	30-50	Crescents , Queens, Sulphurs, Soldiers & Skippers

Vines

Common Name	NB	Scientific Name	Light	Moisture & Soil	Height in Feet	Butterflies Plant Attracts
Climbing Aster		<i>Symphotrichum carolinianum</i>	Sun, part shade	Wet, sand, loam, muck	10	Variety of butterflies
Climbing Hempvine, Hempweed		<i>Mikania scandens</i>	Sun, part shade	Wet-average, sand, organic soils	6-8	Little Metalmark, Variety of butterflies
Coral Honeysuckle, Trumpet Honeysuckle		<i>Lonicera sempervirens</i>	Sun, part shade	Wet-Average Sand, organic soils	15-20	Hummingbirds, Variety of butterflies
Purple Passionvine		<i>Passiflora incarnata</i>	Sun, part shade	Average-dry, sand, clay	25-75	Zebra, Julia, Gulf & Variegated Fritillary
Oceanblue Morning glory		<i>Ipomoea indica</i>	Sun, part shade	Average, sand, humusy layer	15	Brazilian Skipper, Monk Skipper, Variety of butterflies
Snowberry	(1)	<i>Chiococca alba</i>	Part shade	Average-wet, sand	6-10	Variety of butterflies

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Perennials & Annuals

Common Name	NB	Scientific Name	Light	Moisture & Soil	Height in Feet	Butterflies & Pollinators
Bahama Senna, Chapman’s Sensitive plant		<i>Senna mexicana var. chapmanii</i>	Sun	Average-dry, sand	2-4	Sulphurs
Bay Cedar		<i>Suriana maritima</i>	Sun, part shade	Average-dry, sand	6-10	Variety of butterflies
Beggars Tick, Spanish Needles		<i>Bidens alba</i>	Sun, part shade	Average-dry, sand	.5-1.5	Barred Yellow, Variety of butterflies
Blackbead		<i>Pithecellobium keyense</i>	Sun, part shade	Dry, sand	8	Large Orange Sulphur, Cassius Blue, Mangrove & Hammock Skippers
Blanket-flower		<i>Gaillardia pulchella</i>	Sun, part shade	Average-dry, sand, rich soils	.75-1.5	Variety of butterflies. Bees. Bird seed
Blazing Star		<i>Liatris garberi and Liatris tenuifolia</i>	Sun	Wet, sand	2	Variety of butterflies
Bloodberry, Butterfly Sage, Curacao Bush		<i>Cordia globosa</i>	Sun	Dry, sand	6-10	Ruddy Daggerwings & Hairstreaks, Bees, Bird fruit
Butterweed, cressleaf groundsel, yellowtop		<i>Packera glabella</i>	Sun, part shade	Wet-average, clay, silt	1-3	Variety of butterflies
Buttonbush		<i>Cephalanthus occidentalis</i>	Sun, part shade	Very wet-average, sand, clay, muck	5-20	Swallowtails & Skippers. Bird seed & fruit
Coastal Mock Vervain		<i>Glandularia maritima</i>	Sun	Very dry, sand	1.5-2	Mangrove Buckeye
Coastal Plain Willow		<i>Salix caroliniana</i>	Sun	Very wet-wet, sand, loam	25-60	Swallowtails & Red Admirals. Bees
Doctorbush, White, Wild Plumbago		<i>Plumbago scandens</i>	Part sun, shade	Average, sand, loam	1	Cassius Blue, Variety of butterflies
Duck Potato		<i>Sagittaria lancifolia</i>	Sun	Wet, poorly-drained, organic	2-3	Variety of butterflies
Everglades False buttonweed		<i>Spermacoce terminalis</i>	Sun	Average, well-drained, no humus, limestone	1-1.5	Variety of butterflies
Firebush		<i>Hamila patens</i>	Sun, part shade	Average, sand, well-drained, humusy layer	10-12	Host - Pluto Sphinx moth, Nectar - Black Swallowtail, Variety of butterflies. Halictid bees, hummingbirds
Florida Paintbrush, False Blazing Star		<i>Carphephorus corymbosus</i>	Sun, part shade	Average, sand, well-drained	2-4	Variety of butterflies

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Frostweed, Crownbeard		<i>Verbesina virginica</i>	Part shade-shade	Average, sand, loam	4-6	Pearl Crescent, Swallowtails
Goldenrod		<i>Solidago fistulosa</i>	Sun, Part shade	Wet-average, sand	3-4	Variety of butterflies
Goldenrod		<i>S.gigantea</i>	Part shade	Average, sand	4-6	Variety of butterflies
Goldenrod		<i>S.odora var.chapmanii</i>	Sun	Dry, sand	3-5	Variety of butterflies
Goldenrod		<i>S.sempervirens</i>	Sun, part shade	Average-dry. Sand	2-3.5	Variety of butterflies
Goldenrod		<i>S.stricta</i>	Sun, part shade	Average. Sand, loam	3-5	Variety of butterflies
Indigo Berry, White Indigo Berry		<i>Randia aculeata</i>	Sun, part shade	Average-dry	3-10	Host - Tantalus Sphinx moth, Nectar - Atala Hairstreak
Jack-in-bush	(2)	<i>Chromolaena odorata</i>	-	-	4-5	Amethyst Hairstreak, Giant Swallowtail, Variety of butterflies
Milkweed, Swamp Milkweed		<i>Asclepias incarnata</i>	Shade, sun	Average-wet. Well-drained, organic	3-5	Monarch, Queen, Delaware Skipper, Variety of butterflies
Milkweed, Butterfly Weed		<i>Asclepias tuberosa</i>	Sun	Average, sand	1-2	Monarch, Variety of butterflies
Mistflower, Blue Mistflower		<i>Conoclinium coelestinum</i>	Part shade-sun	Wet-average, sand	1-2	Obscure skipper, southern broken-dash, Three-spotted Skipper, Variety of butterflies
Necklacepod		<i>Sophora tomentosa var. truncata</i>	Sun	Average-dry, sand, humusy	6-12	Cloudless & Orange-barred Sulphurs
Partridge Pea		<i>Chamaecrista fasciculata</i>	Sun	Average-dry, sand	1-3	Orange Sulphur, Sleepy Orange. Bees
Pennyroyal		<i>Piloblephis rigida</i>	Sun	Dry, sand	1-2	Ruddy Daggerwing & Gray Hairstreak
Pickernelweed		<i>Pontederia cordata</i>	Sun, part shade	Very wet, sand	3	Variety of butterflies
Porterweed		<i>Stachytarpheta jamaicensis</i>	Sun, part shade	Average-dry, sand, loam	.5-1	Tropical Buckeye, Variety of butterflies
Powderpuff		<i>Mimosa strigillosa</i>	Sun, part shade	Average-dry, sand	.25-.5	Little Yellow, Variety of butterflies
Redroot	(3)	<i>Lachnanthes caroliniana</i>	Sun, part shade	Wet, sandy soils	3	Delaware Skipper

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Rosy Camphorweed		<i>Pluchea baccharis</i>	Sun	Wet, sandy, organic	1-3	Variety of pollinators
Salt Bush		<i>Baccharis halimifolia</i>	Sun, part shade	Wet-dry	7-15	Variety of pollinators, Seeds for birds
Scorpiontail		<i>Heliotropium angiospermum</i>	Sun, part shade	Dry, sand	3	Gray Hairstreak, Variety of butterflies
Sea-Lavender		<i>Argusia gnaphalodes</i>	Sun	Very dry, sand	3-6	Variety of butterflies
Snow Squarestem, Cat’s tongue		<i>Melanthera nivea</i>	Sun, part shade	Average, sand, loam	2-5	Variety of butterflies
Thistle	(4)	<i>Cirsium horridulum</i>	Sun, part shade	Average-dry, sand	1-4	Palmetto, Twin-spot & Sawgrass Skippers
Tickseed		<i>Coreopsis leavenworthii</i>	Sun	Average-wet, sand	1-3	Variety of butterflies
Walters Viburnum		<i>Viburnum obovatum</i>	Sun, part shade	Average-dry, sand	10-15	Variety of butterflies
Wild Coffee, Shiny-leafed		<i>Psychotria nervosa</i>	Part sun, shade	Average, sand, loam	2-6	Variety of butterflies, Bird fruit
Wireweed, fanpetals		<i>Sida acuta, ulmifolia</i>	Sun, part shade	Average-dry, sand	.6	Barred Yellow, Gray Hairstreak, Tropical Checkered Skipper, Variety of butterflies
Yellowtop		<i>Flaveria linearis</i>	Sun	Average, sand	2-3	Variety of butterflies
NB:	(1)	Can be aggressive-IRC				
	(2)	Aggressive weed, no other info by IRC				
	(3)	Toxic to livestock-Center for Invasive & Aquatic Plants				
	(4)	Very thorny				

References:

- A. Info taken from document ‘Nectar Plants of the Checklist For South Florida Butterflies’ Broward County Parks, Florida dd 1/12
- B. <http://www.fnps.org/plants>
- C. <http://www.regionalconservation.org/>
- D. <https://www.wildflower.org/plants/index.php>
- E. Brochure: "Native Landscaping, Restoring Beauty & Balance to Florida, Florida Native Plant Society" 2017. Editor: R.Brownscombe
- F. <https://plants.ifas.ufl.edu/plant-directory/lachnanthes-caroliniana/>