

Butterfly Host and Nectar Sources for South Florida Butterflies compiled by Sandy Koi 2008

Habitat	Plant Species	Butterflies	Host	Nectar
W	Alligator Flag (<i>Thalia geniculata</i>)	Brazilian Skipper (<i>Calpododes ethlius</i>)	X	
H, P	Balloonvine (<i>Cardiospermum corindum</i>)	Silver-banded Hairstreak (<i>Chlorostrymon simaethus</i>)^	X	X
		Miami Blue (<i>Hemiargus thomasi</i>)^	X	X
		Gray Hairstreak (<i>Strymon melinus</i>)	X	X
C, K	Bay Cedar (<i>Suriana maritima</i>)	Martial Scrub Hairstreak (<i>Strymon martialis</i>)	X	X
		Mallow Scrub Hairstreak (<i>Strymon istapa</i>)	X	X
C, H	Beach False Foxglove (<i>Agalinus fasciculata</i>)	Common Buckeye (<i>Junonia coenia</i>)	X	X
C	Beach Sunflower (<i>Helianthus debilis</i>)			X
H, CH, P	Beautyberry (<i>Callicarpa americana</i>)			X
H	Beggarweed (<i>Desmodium incanum</i>)	Long-tailed Skipper (<i>Urbanus proteus</i>)	X	X
		Dorantes Longtail Skipper (<i>Urbanus dorantes</i>)	X	X
		Gray Hairstreak (<i>Strymon melinus</i>)	X	X
C, 10b, 11	Black Bead (<i>Pithocellobium keyense</i>)	Large Orange Sulfur (<i>Phoebis agarithe</i>)	X	X
		Cassius Blue (<i>Leptotes cassius</i>)	X	X
C	Black Mangrove (<i>Avicennia germinans</i>)	Mangrove Buckeye (<i>Junonia evarete</i>)	X	X
H	Bloodberry (<i>Cordia globosa</i>)			X
C, CH	Blue Porterweed (<i>Stachytarpheta jamaicensis</i>)	Tropical Buckeye (<i>Junonia genoveva</i>)	X	X
W	Buttonbush (<i>Cephalanthus occidentalis</i>)			X
C, CH	Buttonwood (<i>Conocarpus erectus</i>)	Martial Scrub Hairstreak (<i>Strymon martialis</i>)	X	X
C, H, P	Cabbage Palm (<i>Sabal palmetto</i>)	Monk Skipper (<i>Asbolis capucinus</i>)	X	X
H	Canada Toadflax (<i>Linaria canadensis</i>)	Common Buckeye (<i>Junonia coenia</i>)	X	X
W	Carolina/Coastal Plain Willow (<i>Salix caroliniana</i>)	Viceroy (<i>Basilarchia archippus</i>)	X	X
H, P	Chapman's Wild Sensitive Plant (<i>Senna mexicana</i> <i>var chapmanii</i>)	Cloudless Sulfur (<i>Phoebis sennae</i>)	X	X
		Orange-barred Sulfur (<i>Phoebis philea</i>)	X	X
		Sleepy Orange (<i>Eurema nicippe</i>)	X	X
C, H, P, W	Climbing Hempvine (<i>Mikania scandens</i>)	Little Metalmark (<i>Calephelis virginensis</i>)	X	X
C, H, P,	Coconut Palm (<i>Cocos nucifera</i>)***	Monk Skipper (<i>Asbolis capucinus</i>)	X	X
C, H	Coinvine (<i>Dalbergia ecastaphyllum</i>)	Statira Sulfur (<i>Aphrissa statira</i>)	X	X
		Gray Scrub Hairstreak (<i>Strymon melinus</i>)	X	X
C, H, P	Common Wireweed (<i>Sida acuta</i>)	Gray Scrub Hairstreak (<i>Strymon melinus</i>)	X	X

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		Tropical Checkered Skipper (<i>Pyrgus oileus</i>)	X	X
		White Checkered Skipper (<i>Pyrgus albescens</i>)	X	X
C, H, P	Coontie (<i>Zamia integrifolia</i>)	Atala butterfly (<i>Eumaeus atala florida</i>)^	X	
C, H	Corkystem Passionflower (<i>Passiflora suberosa</i>)	Gulf Fritillary (<i>Agraulis vanillae</i>)	X	X
		Zebra Heliconian (<i>Heliconius charitonius</i>)	X	X
		Julia (<i>Dryas iulia</i>)	X	X
CH, H	Creeping Ticktrefoil (<i>Desmodium incanum</i>)	Gray Hairstreak (<i>Strymon melinus</i>)	X	X
		Long-tailed Skipper (<i>Urbanus proteus</i>)	X	X
		Dorantes Longtail Skipper (<i>Urbanus dorantes</i>)	X	X
H, P	Downy Milkpea (<i>Galactia volubilis</i>)	Cassius Blue (<i>Leptotes cassius</i>)	X	
		Silver-spotted Hairstreak (<i>Epargyreus clarus</i>)^	X	
		Long-tailed Skipper (<i>Urbanus proteus</i>)	X	
		Zarucco Duskywing (<i>Erynnis zarucco</i>)	X	
H, W	Elderberry (<i>Sambucus canadensis</i>)			X
H, W	Fakahatchee Grass (<i>Tripsacum dactyloides</i>)	Three-spotted Skipper (<i>Cymaenes tripunctus</i>)	X	
		Clouded Skipper (<i>Lerema accius</i>)	X	
		Byssus Skipper (<i>Problema byssus</i>) West Coast only	X	
W, CH, H, P	False Indigobush (<i>Amorpha fruticosa</i>)	Southern Dogface (<i>Zerene cesonia</i>) No. & Cen. only	X	X
		Silver-spotted Skipper (<i>Epargyreus clarus</i>)	X	X
W	False Nettle (<i>Boehmeria cylindrica</i>)	Red Admiral (<i>Vanessa atalanta</i>)	X	
CH, H	False Tamarind (<i>Lysiloma latisiliquum</i>)	Large Orange Sulfur (<i>Phoebis agarithe</i>)	X	X
		Mimosa Yellow (<i>Eurema nise</i>)	X	X
		Cassius Blue (<i>Leptotes cassius</i>)	X	X
CH, H, P	Fiddlewood (<i>Citharexylum spinosum</i>)			X
C, CH	Firebush (<i>Hamelia patens</i>)			X
CH, K	Florida Hammock Milkpea (<i>Galactia striata</i>)	Zestos Skipper (<i>Epargyreus zestos</i>)	X	
H, P	Florida Pellitory (<i>Parietaria floridana</i>)	Red Admiral (<i>Vanessa atalanta</i>)	X	X
H, P	Florida Tetrazygia (<i>Tetrazygia bicolor</i>)			X
C, H, K	Fogfruit (<i>Phyla nodiflora</i>)	Phaon Crescent (<i>Phyciodes phaon</i>)	X	X
		White Peacock (<i>Anartia jatrophae</i>)	X	X

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C, CH	Frostweed (<i>Chromolaena odorata</i>)			X
W, H	Giant Cutgrass (<i>Zizaniopsis miliacea</i>)	Clouded Skipper (<i>Lerema accius</i>) Least Skipper (<i>Ancyloxypha numitor</i>)	X X	
C, CH, K	Gray Nickerbean (<i>Caesalpinia bonduc</i>)	Miami Blue (<i>Hemiargus thomasi</i>)^ Martial Scrub Hairstreak (<i>Stryman martialis</i>) Ceraunus Blue (<i>Hemiargus ceraunus</i>) Nickerbean Blue (<i>Hemiargus drumon</i>)	X X X X	X X X X
CH, H, P	Goatsfoot Passionvine (<i>Passiflora sexflora</i>)	Zebra Heliconian (<i>Heliconius charitonius</i>) Julia (<i>Dryas iulia</i>) Gulf Fritillary (<i>Agraulis vanillae</i>)	X X X	X X X
H, P	Golden Dewdrop (<i>Duranta erecta</i>)***			X
C, H, P	Green Shrimp Plant (<i>Blechnum pyramidatum</i>)***	Malachite (<i>Siproeta stelenes</i>)	X	
CH, H	Gumbo Limbo (<i>Bursera simaruba</i>)	Dingy Purplewing (<i>Eunica monima</i>)	X	X
H, K	Hercules-Club (<i>Zanthoxylum clava-herculis</i>)	Giant Swallowtail (<i>Heraclides cresphontes</i>)	X	X
H	Indian Hemp (<i>Sida rhombifolia</i>)	Gray Hairstreak (<i>Strymon melinus</i>) Mallow Scrub Hairstreak (<i>Strymon istapa</i>) White Checkered Skipper (<i>Pyrgus albescens</i>) Tropical Checkered Skipper (<i>Pyrgus oileus</i>)	X X X X	X X X X
CH	Jamaica Caper (<i>Capparis cynophallophora</i>)			X
CH, H	Jamaican Dogwood (<i>Piscidia piscipula</i>)	Fulvous Hairstreak (<i>Electrostrymon angelia</i>)^ Hammock Skipper (<i>Polygonus leo</i>)	X X	
C, CH	Laurel Oak (<i>Quercus laurifolia</i>)	Horace's Duskywing (<i>Erynnis horatius</i>) White M Hairstreak (<i>Parrhasius m-album</i>)	X X	X X
CH, H, K	Lignum Vitae (<i>Guajacum sanctum</i>)	Lyside Sulfur (<i>Kricogonia lyside</i>)	X	
CH, H, K	Limber Caper (<i>Capparis flexuosa</i>).	Florida White (<i>Appias drusilla</i>) Great Southern White (<i>Ascia monuste</i>)	X X	X X
W	Lizard's Tail (<i>Saururus cernuus</i>)			X
H, P, K	Long Key Locustberry (<i>Byrsonima lucida</i>)	Florida Duskywing (<i>Ephyriades brunneus</i>)	X	X
H, P	Lopsided Indian Grass (<i>Sorghastrum secundum</i>)	Swarthy Skipper (<i>Nastra lherminier</i>) Delaware Skipper (<i>Anatrytone arogos</i>)	X X	

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		Eufala Skipper (<i>Lerodea eufala</i>)	X	
		Twin Spot Skipper (<i>Oligoria maculate</i>)	X	
Ch, H, P, K	Mexican Clover (<i>Richardia grandiflora</i> ***)			X
C, CH	Myrtle Oak (<i>Quercus myrtifolia</i>)	Horace's Duskywing (<i>Erynnis horatius</i>)	X	X
CH, H, K	Nettletree (<i>Trema micranthum</i>)	Martial Scrub-Hairstreak (<i>Strymon martialis</i>)	X	X
C, CH, P	Partridge Pea (<i>Chamaecrista fasciculata</i>)	Cloudless Sulfur (<i>Phoebis senna</i>)	X	X
		Gray Hairstreak (<i>Strymon melinus</i>)	X	X
		Ceraunus Blue (<i>Hemiargus ceraunus</i>)	X	X
W, H	Pale Passionflower (<i>Passiflora pallens</i>)	Zebra Heliconian (<i>Heliconius charitonius</i>)	X	X
		Julia (<i>Dryas iulia</i>)	X	X
		Gulf Fritillary (<i>Agraulis vanillae</i>)	X	X
P, CH	Pawpaw (<i>Asimina reticulata</i>)	Zebra Swallowtail (<i>Eurytides marcellus</i>)	X	
C, CH	Pigeon Plum (<i>Coccoloba diversifolia</i>)			X
P	Pencilflower/Cheesytoes (<i>Stylosanthes hamata</i>)	Barred Yellow (<i>Eurema daira</i>)	X	X
C, H	Peppergrass (<i>Lepidium virginicum</i>)	Checkered White (<i>Pontia protodice</i>)	X	
		Great Southern White (<i>Ascia monuste</i>)	X	
		Cabbage White (<i>Pieris rapae</i>)	X	
C, CH, P, K	Pineland Acacia (<i>Acacia pinetorum</i>)	Nickerbean Blue (<i>Hemiargus drumon</i>)	X	X
P, K	Pineland Croton (<i>Croton linearis</i>)	Bartram's Scrub-Hairstreak (<i>Strymon acis</i>)^	X	X
		Florida Leafwing (<i>Anaea troglodyta floridalis</i>)^	X	X
P, CH	Pineland Heliotrope (<i>Heliotropium polyphyllum</i>)			X
H	Purple Passionflower*** (<i>Passiflora incarnata</i>)	Gulf Fritillary (<i>Agraulis vanillae</i>)	X	X
		Zebra Heliconian (<i>Heliconius charitonius</i>)	X	X
P, CH, H	Purple Thistle (<i>Cirsium horridulum</i>)	Little Metalmark (<i>Calephelis virginensis</i>)	X	X
H, CH	Red Bay (<i>Persea borbonia</i>)	Spicebush Swallowtail (<i>Pterourus troilus</i>)	X	X
		Palamedes Swallowtail (<i>Pterourus palamedes</i>)	X	X
C	Red Mangrove (<i>Rhizophora mangle</i>)	Mangrove Skipper (<i>Phocides pigmalion</i>)	X	X
CH, H	Rouge Plant (<i>Rivinia humilis</i>)			X
W, C, CH	Royal Palm (<i>Roystonea regia</i>)	Monk Skipper (<i>Asbolis capucinus</i>)	X	X
W, C, CH	Sabal Palmetto (<i>Sabal palmetto</i>)	Monk Skipper (<i>Asbolis capucinus</i>)	X	X

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W, H	Saint Augustine Grass (<i>Stenotaphrum secundatum</i>)	Carolina Satyr (<i>Hermeuptychia sosybius</i>)	X	
		Clouded Skipper (<i>Lerema accius</i>)	X	
		Fiery Skipper (<i>Hylephila phyleus</i>)	X	
		Whirlabout Skipper (<i>Polites vibex</i>)	X	
C	Salt Marsh Cordgrass (<i>Spartina alterniflora</i>)	Salt Marsh Skipper (<i>Panoquina panoquin</i>)	X	
CH, H	Saw Palmetto (<i>Serenoa repens</i>)	Palmetto Skipper (<i>Euphyes arpa</i>)	X	X
		Monk Skipper (<i>Asbolis capucinus</i>)	X	X
D	Scarlet Milkweed (<i>Asclepius curassavica</i>)* **	Monarch (<i>Danaus plexippus</i>)	X	X
		Queen (<i>Danaus gilippus</i>)	X	X
		Soldier (<i>Danaus eresimus</i>)	X	X
C, CH	Scorpion Tail (<i>Heliotropium angiospermum</i>)			X
C, H	Sea Grape (<i>Coccoloba uvifera</i>)			X
C, CH	Sea Lavender (<i>Argusia gnaphalodes</i>)			X
C	Seaside Heliotrope (<i>Heliotropium curassavicum</i>)			X
C, CH	Sea Oxeye Daisy (<i>Borrchia frutescens</i>)			X
C, CH, K	Sea Torchwood (<i>Amyris elemifera</i>)	Schaus' Swallowtail (<i>Heraclides aristodemus</i>)^	X	
		Bahamian Swallowtail (<i>Heraclides andraemon</i>)	X	
		Giant Swallowtail (<i>Heraclides cresphontes</i>)	X	
C, CH, P	Sensitive Pea (<i>Chamaecrista nictitans</i>)	Cloudless Sulfur (<i>Phoebis senna</i>)	X	X
		Gray Hairstreak (<i>Strymon melinus</i>)	X	X
		Ceraunus Blue (<i>Hemiargus melinus</i>)	X	X
CH, H	Six-angle Foldwing (<i>Dicleptera sexangularis</i>)	Cuban Crescent (<i>Anthanassa frisia</i>)	X	X
H	Sleepy Morning (<i>Waltheria indica</i>)	Mallow Scrub Hairstreak (<i>Strymon istapa</i>)	X	X
CH, H	Spanish Bayonet (<i>Yucca aloifolia</i>)* **	Yucca Giant Skipper (<i>Megathymus yucca</i>)	X	X
		Cofaqui Giant Skipper (<i>Megathymus cofaqui</i>)	X	
C, CH, H, P	Spanish Needles (<i>Bidens alba var. radiata</i>)	Dainty Sulfur (<i>Nathalis iole</i>)	X	X
C, CH, H, P	Squarestem (<i>Melanthera nivea</i>)	Little Metalmark (<i>Calephelis virginensis</i>)	X	X
C, CH, W	Strangler Fig (<i>Ficus aurea</i>)	Ruddy Daggerwing (<i>Marpesia petreus</i>)	X	X
W	Swamp Bay (<i>Persea palustris</i>)	Spicebush Swallowtail (<i>Pterourus troilus</i>)	X	X
		Palamedes Swallowtail (<i>Pterourus palamedes</i>)	X	X

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KEY				
C	Coastal, Brackish Waters			
CH	Coastal Hammocks			
P	Pine rocklands			
H	Hardwood Hammock			
W	Freshwater Wetlands			
D	Domestic gardens			
K	Florida Keys			
***	Non-Native, Naturalized			
^	Designated an Imperiled Butterfly (IBWG)			
Red	Photographs available			
Nectar sources are for any butterflies not only those listed in column				

