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Vascular Plants in Big Cypress National Preserve (BCNP) Listed as Endangered,
Threatened, or Commercially Exploited.

Big Cypress National Preserve
USGS, Biological Resources Division

Status: State of Florida. Status of plants was determined from a listing by Coile (1998); presence of plant species was determined from a checklist produced by Black and Black (1980) with subsequent collections and annotations to that list.

Status: Federal. No species noted here were indicated on a federal list of endangered or threatened plants.

Taxonomy and common names follow Wunderlin (1998); names used by Black and Black (1980), if different, are indicated in parentheses.

Family	Species	Common Name	Growth Habit*
<u>Status: Endangered</u>			
Arecaceae – Palm Family			
	<i>Roystonea regia</i> (<i>R. elata</i>)	royal palm	t
Aspleniaceae – Spleenwort Family (Polypodiaceae)			
	<i>Asplenium serratum</i>	wild birdnest fern	h
Asteraceae			
	<i>Vernonia blodgettii</i>	Florida ironweed	h
Boraginaceae – Borage Family			
	<i>Cordia globosa</i> (? <i>C. globosa</i> var. <i>humilis</i>)	Curacao bush	s
Bromeliaceae – Pineapple Family			
	<i>Catopsis berteroniana</i>	powdery strap airplant	h, e
	<i>Catopsis floribunda</i>	Florida strap airplant	h, e
	<i>Guzmania monostachia</i>	West Indian tufted airplant	h, e
	<i>Tillandsia fasciculata</i>	cardinal airplant	h, e
	<i>Tillandsia flexuosa</i>	twisted airplant	h, e
	<i>Tillandsia pruinosa</i>	fuzzywuzzy airplant	h, e
	<i>Tillandsia utriculata</i>	giant airplant	h, e

Burmanniaceae – Burmannia Family		
<i>Burmannia flava</i>	Fakahatchee bluethread	h
Convolvulaceae – Morningglory Family		
<i>Jacquemontia pentanthos</i>	skyblue clustervine	v
(<i>J. Pentantha</i>)		
Euphorbiaceae – Spurge Family		
♦ <i>Chamaesyce porteriana</i>	Porter's sandmat	h
(<i>C. porteriana</i> var. <i>scoparia</i>)		
<i>Croton humilis</i>	pepperbush	s
Fabaceae – Pea Family		
♦ <i>Aeschynomene pratensis</i>	meadow jointvetch	h
Linaceae – Flax Family		
♦ <i>Linum carteri</i>	Carter's flax	h
Ophioglossaceae – Adder's-tongue Family		
<i>Ophioglossum palmatum</i>	hand fern	h, e
Orchidaceae – Orchid Family		
<i>Campylocentrum pachyrrhizum</i>	leafless bentspur orchid	h, e
<i>Cyrtopodium punctatum</i>	cigar orchid	h, e
<i>Encyclia cochleata</i>	clamshell orchid	h, e
<i>Epidendrum anceps</i>	dingy-flowered star orchid	h, e
<i>Epidendrum floridense</i>	umbrella star orchid	h, e
(<i>Epidendrum difforme</i>)		
<i>Epidendrum nocturnum</i>	night-scented orchid	h, e
<i>Epidendrum rigidum</i>	stiff-flowered star orchid	h, e
<i>Ionopsis utricularioides</i>	delicate violet orchid	h, e
<i>Liparis nervosa</i>	widelip orchid	h
<i>Maxillaria crassifolia</i>	hidden orchid	h, e
<i>Polyradicion lindenii</i>	ghost orchid	h, e
(<i>Polyrrhiza lindenii</i>)		
<i>Polystachya concreta</i>	greater yellowspike orchid	h, e
<i>Vanilla phaeantha</i>	leafy vanilla	v, e
Passifloraceae - Passionflower Family		
<i>Passiflora pallens</i>	pineland passionflower	v
Piperaceae – Pepper Family		
<i>Peperomia glabella**</i>	cypress peperomia	h, e
<i>Peperomia obtusifolia</i>	Florida peperomia	h, e
(<i>Peperomia floridana</i>)		
Polypodiaceae – Polypody Family		
<i>Campyloneurum angustifolium</i>	narrow strapfern	h
(<i>Polypodium angustifolium</i>)		
Rhamnaceae – Buckthorn Family		
<i>Colubrina arborescens</i>	greenheart	s
Verbenaceae – Vervain Family		
♦ <i>Glandularia maritima</i>	coastal mock vervain	h

(*Verbena maritima*)

◆ <i>Glandularia tampensis</i>	Tampa mock vervain	h
◆ <i>Lantana depressa</i> var. <i>sanibelensis</i>	Sanibel shrubverbena	s

Status: Threatened

Amaryllidaceae – Amaryllis Family

◆ <i>Zephyranthes simpsonii</i>	redmargin zephyrlily	h
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Apocynaceae – Dogbane Family

<i>Angadenia berteri</i> (<i>A. sagraei</i>)	pineland golden trumpet	v
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Asclepiadaceae – Milkweed Family

<i>Cynanchum blodgettii</i>	Blodgett's swallowwort	v
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Asteraceae – Aster Family

<i>Melanthera nivea</i> (<i>M. parvifolia</i>)	snow squarestem	h
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Bromeliaceae – Pineapple Family

<i>Tillandsia balbisiana</i>	northern needleleaf	h,e
<i>Tillandsia variabilis</i> (<i>T. valenzuelana</i>)	leatherleaf airplant	h, e

Convolvulaceae – Morningglory Family

◆ <i>Jacquemontia curtissii</i>	pineland clustervine	v
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Dryopteridaceae – Wood Fern Family

<i>Tectaria heracleifolia</i>	broad halberd fern	h
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Euphorbiaceae – Spurge Family

<i>Drypetes lateriflora</i>	Guiana plum	t
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Myrtaceae – Myrtle Family

<i>Myrcianthes fragrans</i>	twinberry	t
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Nephrolepidaceae – Sword Fern Family

(Polypodiaceae) <i>Nephrolepis biserrata</i>	giant sword fern	h
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Orchidaceae – Orchid Family

<i>Bletia purpurea</i>	pinepink	h
<i>Habenaria nivea</i> (<i>Platanthera nivea</i>)	snowy orchid	h
<i>Harrisella filiformis</i> (<i>Harrisella porrecta</i>)	needleroot airplant orchid	h, e

Poaceae – Grass Family

<i>Tripsacum floridanum</i>	Florida mock gamagrass	h
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Pteridaceae – Brake Fern Family

(Polypodiaceae) <i>Pteris bahamensis</i> (<i>Pteris longifolia</i> var. <i>bahamensis</i>)	Bahama ladder brake	h
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Solanaceae – Nightshade Family

<i>Solanum verbascifolium</i> (<i>S. donianum</i>)	mullein nightshade	s
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Status: Commercially Exploited

Orchidaceae – Orchid Family		
<i>Encyclia tampensis</i>	Florida butterfly orchid	h, e
Osmundaceae – Royal Fern Family		
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	h
Zamiaceae – Zamia Family		
<i>Zamia pumila</i> (cultivated)	coontie	h

Status: Undetermined

Peperomia rotundifolia was collected recently by T. Pernas (BCNP). This plant has not been recorded previously in Florida and has not been assigned a listed status.

* Legend

◆ = endemic

Growth habit:

e = epiphyte

h = herb

s = shrub

t = tree

v = vine

** Indicated by Wunderlin (1998) as native to the West Indies

Synopsis of Listed Plants in BCNP

	Endangered	Threatened	Commercially exploited
Trees	1	2	
Shrubs	4	2	
Epiphytes	19	3	1
Vines	3	2	
Terrestrial herbs	<u>11</u>	<u>8</u>	<u>2</u>
Total	38	17	3

References

- Black, D. W. and S. Black. 1980. Plants of Big Cypress National Preserve: A Preliminary Checklist of Vascular Plants. South Florida Research Center Report T-587. 28 pp.
- Coile, N. C. 1998. Notes on Florida's Endangered and Threatened Plants. Florida Department of Agriculture and Consumer Services, Gainesville. 119 pp.
- Wunderlin, R. P. 1998. Guide to the Vascular Plants of Florida. University Press of Florida. 806 pp.