



APPENDIX M

FLORIDA EXOTIC PEST PLANT COUNCIL'S
2003 LIST OF INVASIVE SPECIES

Appendix M: Florida Exotic Pest Plant Council's 2003 List of Invasive Species

Contents

PURPOSE OF THE LIST.....	241
EXOTIC PEST PLANT COUNCIL'S CATEGORY I	242
EXOTIC PEST PLANT COUNCIL'S CATEGORY II	244

APPENDIX M: FLORIDA EXOTIC PEST PLANT COUNCIL'S 2003 LIST OF INVASIVE SPECIES

Purpose of the List — To focus attention on:

1. the adverse effects of exotic pest plants on Florida's biodiversity and ecosystems
2. the habitat losses from exotic pest plant infestations
3. the impacts on endangered species via habitat loss and alteration
4. the need to prevent habitat losses through pest-plant management
5. the socio-economic impacts of these plants (e.g., increased wildfires in melaleuca areas)
6. changes in the seriousness of different pest plants over time
7. the need to provide information that helps managers set priorities for control programs

Definitions:

Exotic — a species introduced to Florida, purposefully or accidentally, from a natural range outside of Florida.

Native — a species whose natural range included Florida at the time of European contact (1500 A.D.).

Naturalized exotic — an exotic that sustains itself outside cultivation (it is still exotic; it has not "become" native).

Invasive exotic — an exotic that not only has naturalized but is expanding on its own in Florida plant communities.

Abbreviations Used:

Government List

- P = Prohibited by Florida Department of Environmental Protection
N = Noxious weed listed by Florida Department of Agriculture and Consumer Services
U = Noxious weed listed by U.S. Department of Agriculture

Region/Distribution

- N = north
C = central
S = south, referring to each species' current distribution in general regions of Florida (not its potential range in the state). See following map.

For additional information on distributions of particular species by county, visit the University of South Florida's Atlas of Florida Vascular Plants web site, <http://www.plantatlas.usf.edu/>. Many of those species entries also have habit and close-up pictures of the species. Additional images for some species may be found at the "Introduced Species" page on the University of Florida Herbarium website, at Fairchild Tropical Garden's Virtual Herbarium and at the University of Florida's Center for Aquatic and Invasive Plant Website <http://plants.ifas.ufl.edu/>. For other additional information on plants included in this list, see related links and pages at this web site on the home page menu.



Exotic Pest Plant Council's Category I – Invasive exotics that are altering native plant communities by displacing native species, changing community structures or ecological functions, or hybridizing with natives. This definition does not rely on the economic severity or geographic range of the problem, but on the documented ecological damage caused.

Scientific Name	Common Name	Government List	Region/ Distribution
<i>Abrus precatorius</i>	rosary pea		C, S
<i>Acacia auriculiformis</i>	earleaf acacia		S
<i>Albizia julibrissin</i>	mimosa, silk tree		N, C
<i>Albizia lebbeck</i>	woman's tongue		C, S
<i>Ardisia crenata</i> (= <i>A. crenulata</i>)	coral ardisia		N, C
<i>Ardisia elliptica</i> (= <i>A. humilis</i>)	shoebutton ardisia		S
<i>Asparagus densiflorus</i>	asparagus-fern		C, S
<i>Bauhinia variegata</i>	orchid tree		C, S
<i>Bischofia javanica</i>	bischofia		C, S
<i>Calophyllum antillanum</i> (= <i>C. calaba</i> ; <i>C. inophyllum</i> misapplied)	santa maria (names "mast wood," "Alexandrian laurel" used in cultivation)		S
<i>Casuarina equisetifolia</i>	Australian pine	P	N,C,S
<i>Casuarina glauca</i>	suckering Australian pine	P	C, S
<i>Cinnamomum camphora</i>	camphor-tree		N,C,S
<i>Colocasia esculenta</i>	wild taro		N,C,S
<i>Colubrina asiatica</i>	lather leaf		S
<i>Cupaniopsis anacardiooides</i>	carrotwood	N	C, S
<i>Dioscorea alata</i>	winged yam	N	N,C,S
<i>Dioscorea bulbifera</i>	air-potato	N	N,C,S
<i>Eichhornia crassipes</i>	water-hyacinth	P	N,C,S
<i>Eugenia uniflora</i>	Surinam cherry		C, S
<i>Ficus microcarpa</i> (<i>F. nitida</i> and <i>F. retusa</i> var. <i>nitida</i> misapplied)	laurel fig		C, S
<i>Hydrilla verticillata</i>	hydrilla	P, U	N,C,S
<i>Hygrophila polysperma</i>	green hygro	P, U	N,C,S
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass		C, S
<i>Imperata cylindrica</i> (<i>I. brasiliensis</i> misapplied)	cogon grass	N, U	N, C, S
<i>Ipomoea aquatica</i>	waterspinach	P, U	C
<i>Jasminum dichotomum</i>	Gold Coast jasmine		C, S
<i>Jasminum fluminense</i>	Brazilian jasmine		C, S
<i>Lantana camara</i>	lantana, shrub verbena		N,C,S
<i>Ligustrum lucidum</i>	glossy privet		N, C
<i>Ligustrum sinense</i>	Chinese privet, hedge privet		N,C,S
<i>Lonicera japonica</i>	Japanese honeysuckle		N,C,S
<i>Lygodium japonicum</i>	Japanese climbing fern	N	N,C, S
<i>Lygodium microphyllum</i>	Old World climbing fern	N	C, S
<i>Macfadyena unguis-cati</i>	cat's claw vine		N,C, S
<i>Manilkara zapota</i>	sapodilla		S
<i>Melaleuca quinquenervia</i>	melaleuca, paper bark	P, N, U	C, S
<i>Melia azedarach</i>	Chinaberry		N,C,S
<i>Mimosa pigra</i>	catclaw mimosa	P, N, U	C, S
<i>Nandina domestica</i>	nandina, heavenly bamboo		N
<i>Nephrolepis cordifolia</i>	sword fern		N,C,S
<i>Nephrolepis multiflora</i>	Asian sword fern		C, S
<i>Neyraudia reynaudiana</i>	Burma reed; cane grass	N	S



Scientific Name	Common Name	Government List	Region/Distribution
<i>Paederia cruddasiana</i>	sewer vine, onion vine	N	S
<i>Paederia foetida</i>	skunk vine	N	N,C,S
<i>Panicum repens</i>	torpedo grass		N,C,S
<i>Pennisetum purpureum</i>	Napier grass		C, S
<i>Pistia stratiotes</i>	waterlettuce	P	N,C,S
<i>Psidium cattleianum</i> (= <i>P. littorale</i>)	strawberry guava		C, S
<i>Psidium guajava</i>	guava		C, S
<i>Pueraria montana</i> (= <i>P. lobata</i>)	kudzu	N, U	N,C, S
<i>Rhodomyrtus tomentosa</i>	downy rose-myrtle	N	C, S
<i>Rhoeo spathacea</i> (see <i>Tradescantia spathacea</i>)			
<i>Ruellia brittoniana</i> (may also be referred to <i>R. tweediana</i>)	Mexican petunia		N, C, S
<i>Sapium sebiferum</i>	popcorn tree, Chinese tallow tree	N	N, C, S
<i>Scaevola sericea</i> (= <i>Scaevola taccada</i> var. <i>sericea</i> , <i>S. frutescens</i>)	scaevola, half-flower, beach naupaka		C, S
<i>Schefflera actinophylla</i> (= <i>Brassaia actinophylla</i>)	schefflera, Queensland umbrella tree		C, S
<i>Schinus terebinthifolius</i>	Brazilian pepper	P, N	N, C, S
<i>Senna pendula</i> (= <i>Cassia coluteoides</i>)	climbing cassia, Christmas cassia, Christmas senna		C, S
<i>Solanum tampicense</i> (= <i>S. houstonii</i>)	wetland night shade, aquatic soda apple	N, U	C, S
<i>Solanum viarum</i>	tropical soda apple	N, U	N, C, S
<i>Syngonium podophyllum</i>	arrowhead vine		C, S
<i>Syzygium cumini</i>	jambolan, Java plum		C, S
<i>Tectaria incisa</i>	incised halberd fern		S
<i>Thespesia populnea</i>	seaside mahoe		C, S
<i>Tradescantia fluminensis</i>	white-flowered wandering jew		N, C
<i>Tradescantia spathacea</i> (= <i>Rhoeo spathacea</i> , <i>Rhoeo discolor</i>)	oyster plant		S
<i>Urochloa mutica</i> (= <i>Brachiaria mutica</i>)	Pará grass		C, S



Exotic Pest Plant Council's Category II – Invasive exotics that have increased in abundance or frequency but have not yet altered Florida plant communities to the extent shown by Category I species. *These species may become ranked Category I, if ecological damage is demonstrated.*

Scientific Name	Common Name	Government List	Region/ Distribution
<i>Adenanthera pavonina</i>	red sandalwood		S
<i>Agave sisalana</i>	sisal hemp		C, S
<i>Aleurites fordii</i> (= <i>Vernicia fordii</i>)	tung oil tree		N, C
<i>Alstonia macrophylla</i>	devil-tree		S
<i>Alternanthera philoxeroides</i>	alligator weed	P	N, C, S
<i>Antigonon leptopus</i>	coral vine		N, C, S
<i>Aristolochia littoralis</i>	calico flower		N, C
<i>Asystasia gangetica</i>	Ganges primrose		C, S
<i>Begonia cucullata</i>	wax begonia		N, C
<i>Broussonetia papyrifera</i>	paper mulberry		N, C
<i>Callisia fragrans</i>	inch plant, spironema		C, S
<i>Casuarina cunninghamiana</i>	Australian pine	P	C, S
<i>Cecropia palmata</i>	trumpet tree		S
<i>Cestrum diurnum</i>	day jessamine		C, S
<i>Chamaedorea seifrizii</i>	bamboo palm		S
<i>Cryptostegia madagascariensis</i>	rubber vine		C, S
<i>Cyperus involucratus</i> (<i>C. alternifolius</i> misapplied)	umbrella plant		C, S
<i>Cyperus prolifer</i>	dwarf papyrus		C
<i>Dalbergia sissoo</i>	Indian rosewood, sissoo		C, S
<i>Elaeagnus pungens</i>	thorny eleagnus		N, C
<i>Epipremnum pinnatum</i> cv. <i>Aureum</i>	pothos		C, S
<i>Ficus altissima</i>	false banyan, council tree		S
<i>Flacourzia indica</i>	governor's plum		S
<i>Hemarthria altissima</i>	limpo grass		C, S
<i>Hibiscus tiliaceus</i>	mahoe, sea hibiscus		C, S
<i>Ipomoea fistulosa</i> (= <i>I. carnea</i> ssp. <i>fistulosa</i>)	shrub morning-glory	P	C, S
<i>Jasminum sambac</i>	Arabian jasmine		S
<i>Kalanchoe pinnata</i>	life plant		C, S
<i>Koelreuteria elegans</i>	flamegold tree		C, S
<i>Leucaena leucocephala</i>	lead tree		N, C, S
<i>Limnophila sessiliflora</i>	Asian marshweed	P	N, C, S
<i>Livistona chinensis</i>	Chinese fan palm		C, S
<i>Merremia tuberosa</i>	wood-rose		S
<i>Murraya paniculata</i>	orange-jessamine		S
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	P	N, C, S
<i>Nymphoides cristata</i>	snowflake		C, S
<i>Panicum maximum</i>	Guinea grass		C, S
<i>Passiflora biflora</i>	twin-flowered passion vine		S
<i>Pennisetum setaceum</i>	green fountain grass		S
<i>Phoenix reclinata</i>	Senegal date palm		C, S
<i>Phyllostachys aurea</i>	golden bamboo		N, C
<i>Pteris vittata</i>	Chinese brake fern		N, C, S



Scientific Name	Common Name	Government List	Region/Distribution
<i>Ptychosperma elegans</i>	solitary palm		S
<i>Rhynchoselytrum repens</i>	Natal grass		N, C, S
<i>Ricinus communis</i>	castor bean		N, C, S
<i>Sansevieria hyacinthoides</i>	bowstring hemp		C, S
<i>Sesbania punicea</i>	purple sesban, rattlebox		N, C, S
<i>Solanum diphyllum</i>	twinleaf nightshade		N, C, S
<i>Solanum jamaicense</i>	Jamiaca nightshade		C
<i>Solanum torvum</i>	susumber, turkey berry	N, U	N, C, S
<i>Syagrus romanzoffiana</i> (= <i>Arecastrum romanzoffianum</i>)	queen palm		C, S
<i>Syzygium jambos</i>	rose-apple		C, S
<i>Terminalia catappa</i>	tropical almond		C, S
<i>Terminalia muelleri</i>	Australian almond		C, S
<i>Tribulus cistoides</i>	puncture vine, bur-nut		N, C, S
<i>Urena lobata</i>	Caesar's weed		N, C, S
<i>Wedelia trilobata</i>	wedelia		N, C, S
<i>Wisteria sinensis</i>	Chinese wisteria		N, C
<i>Xanthosoma sagittifolium</i>	malanga, elephant ear		N, C, S

FLEPPC. 2003. List of Florida's Invasive Species. Florida Exotic Pest Plant Council. Internet: <http://www.fleppc.org/Plantlist/03list.htm>

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The background of the image is a photograph of a dense forest. On the left, there are tall, dark green evergreen trees. In the center and right, there are smaller, more bushy green plants, possibly ferns or undergrowth. Sunlight filters through the leaves from above, creating bright highlights and shadows.

APPENDIX N

FEDERAL NOXIOUS WEED LIST

Appendix N: Federal Noxious Weed List

Contents

AQUATIC/WETLAND.....	249
PARASITIC.....	250
TERRESTRIAL	250

Appendix N: Federal Noxious Weed List

Contents

AQUATIC/WETLAND.....	249
PARASITIC.....	250
TERRESTRIAL	250

APPENDIX N: FEDERAL NOXIOUS WEED LIST

The following is a list of noxious plant species identified by the federal government as of 09/08/2000. In the United States, the legislation that defines a noxious weed is the *Federal Noxious Weed Act*, 1974. It defines a noxious weed as, any living stage (including seeds and reproductive parts) of a parasitic or other plant of a kind which is of foreign origin, is new to or not widely prevalent in the U.S., and can directly or indirectly injure crops, other useful plants, livestock, poultry or other interests of agriculture, including irrigation, navigation, fish and wildlife resources, or the public health (United States Congress 1974).

As authorized under section 412 of the *Plant Protection Act* (7 USC 7712), the Secretary of Agriculture has determined that the following plants or plant products fall within the definition of “noxious weed” as defined in section 403 of the Act (7 USC 7702(10)).

Aquatic/Wetland

<i>Azolla pinnata</i>	(Azollaceae) (mosquito fern, water velvet)
<i>Caulerpa taxifolia</i>	(Caulerpaceae)(Mediterranean clone of caulerpa)
<i>Eichhornia azurea</i>	(Pontederiaceae) (anchored waterhyacinth)
<i>Hydrilla verticillata</i>	(Hydrocharitaceae) (hydrilla)
<i>Hygrophila polysperma</i>	(Acanthaceae) (Miramar weed)
<i>Ipomoea aquatica</i>	(Convolvulaceae) (Chinese waterspinach)
<i>Lagarosiphon major</i>	(Hydrocharitaceae) (Oxygen weed)
<i>Limnophila sessiliflora</i>	(Scrophulariaceae) (ambulia)
<i>Melaleuca quinquenervia</i>	(Myrtaceae) (melaleuca)
<i>Monochoria hastate</i>	(Pontederiaceae) (monochoria)
<i>Monochoria vaginalis</i>	(Pontederiaceae) (pickerel weed)
<i>Ottelia alismoides</i>	(Hydrocharitaceae) (duck-lettuce)
<i>Sagittaria sagittifolia</i>	(Alismataceae) (arrowhead)
<i>Salvinia auriculata</i>	(Salviniaceae) (giant salvinia)
<i>Salvinia biloba</i>	(Salviniaceae) (giant salvinia)
<i>Salvinia herzogii</i>	(Salviniaceae) (giant salvinia)
<i>Salvinia molesta</i>	(Salviniaceae) (giant salvinia)
<i>Solanum tampicense</i>	(Solanaceae)(wetland nightshade)
<i>Sparganium erectum</i>	(Sparganiaceae) (exotic bur-reed)



Parasitic

<i>Aeginetia</i> spp.	(Orobanchaceae)
<i>Alectra</i> spp.	(Scrophulariaceae)
<i>Cuscuta</i> spp.	other than native or widely distributed species (Cuscutaceae) (dodders)
<i>Orobanche</i> spp.	other than native or widely distributed species (Orobanchaceae) (broomrapes)
<i>Striga</i> spp.	(Scrophulariaceae) (witchweeds)

Terrestrial

<i>Ageratina adenophora</i>	(Asteraceae) (crofton weed)
<i>Alternanthera sessilis</i>	(Amaranthaceae) (sessile joyweed)
<i>Asphodelus fistulosus</i>	(Liliaceae) (onionweed)
<i>Avena sterilis</i>	L. (Poaceae) (animated or wild oat)
<i>Spermacoce alata</i>	(Rubiaceae) (borreria)
<i>Carthamus oxyacanthus</i>	(Asteraceae) (wild safflower)
<i>Chrysopogon aciculatus</i>	(Poaceae) (pilipiliula)
<i>Commelina benghalensis</i>	(Commelinaceae) (Benghal dayflower)
<i>Crupina vulgaris</i>	(Asteraceae) (common crupina)
<i>Digitaria abyssinica</i> (= <i>D. scalarum</i>)	(Poaceae) (African couch grass)
<i>Digitaria velutina</i>	(Poaceae) (velvet fingergrass)
<i>Drymaria arenarioides</i>	(Caryophyllaceae) (lightening weed, alfombrilla)
<i>Emex australis</i>	(Polygonaceae) (three-cornered jack)
<i>Emex spinosa</i>	(Polygonaceae) (devil's thorn)
<i>Galega officinalis</i>	(Fabaceae) (goatsrue)
<i>Heracleum mantegazzianum</i>	(Apiaceae) (giant hogweed)
<i>Homeria</i> spp.	(Iridaceae) (Cape tulip)
<i>Imperata brasiliensis</i>	(Poaceae) (Brazilian satintail)
<i>Imperata cylindrical</i>	(Poaceae) (cogongrass)



<i>Ischaemum rugosum</i>	(Poaceae) (murain-grass)
<i>Leptochloa chinensis</i>	(Poaceae) (Asian sprangletop)
<i>Lycium ferocissimum</i>	(Solanaceae) (African boxthorn)
<i>Melastoma malabathricum</i>	(Melastomataceae) (no common name)
<i>Mikania cordata</i>	(Asteraceae) (mile-a-minute)
<i>Mikania micrantha</i>	(Asteraceae) (mile-a-minute)
<i>Mimosa invisa</i>	(Fabaceae) (giant sensitive plant)
<i>Mimosa pigra</i>	(Fabaceae) (catclaw mimosa)
<i>Nassella trichotoma</i>	(Poaceae) (serrated tussock)
<i>Opuntia aurantiaca</i>	(Cactaceae) (jointed prickly pear)
<i>Oryza longistaminata</i>	(Poaceae) (red rice)
<i>Oryza punctata</i>	(Poaceae) (red rice)
<i>Oryza rufipogon</i>	(Poaceae) (red rice)
<i>Paspalum scrobiculatum</i>	(Poaceae) (Kodo-millet)
<i>Pennisetum clandestinum</i>	(Poaceae) (kikuyugrass)
<i>Pennisetum macrourum</i>	(Poaceae) (African feathergrass)
<i>Pennisetum pedicellatum</i>	(Poaceae) (kyasuma-grass)
<i>Pennisetum polystachion</i>	(Poaceae) (missiongrass)
<i>Prosopis alapataco</i>	(Fabaceae) (<i>Prosopis</i> spp. are mesquites)
<i>Prosopis argentina</i>	
<i>Prosopis articulata</i>	
<i>Prosopis burkartii</i>	
<i>Prosopis caldenia</i>	
<i>Prosopis calingastana</i>	
<i>Prosopis campestris</i>	
<i>Prosopis castellanosii</i>	
<i>Prosopis denudans</i>	



<i>Prosopis elata</i>	
<i>Prosopis farcta</i>	
<i>Prosopis ferox</i>	
<i>Prosopis fiebrigii</i>	
<i>Prosopis hassleri</i>	
<i>Prosopis humilis</i>	
<i>Prosopis kuntzei</i>	
<i>Prosopis pallida</i>	
<i>Prosopis palmeri</i>	
<i>Prosopis reptans</i>	
<i>Prosopis rojasiana</i>	
<i>Prosopis ruizlealii</i>	
<i>Prosopis ruscifolia</i>	
<i>Prosopis sericantha</i>	
<i>Prosopis strombulifera</i>	
<i>Prosopis torquata</i>	
<i>Rottboellia cochinchinensis</i>	(Poaceae) (itchgrass)
<i>Rubus fruticosus</i>	(Rosaceae) (wild blackberry complex)
<i>Rubus moluccanus</i>	(Rosaceae) (wild blackberry)
<i>Saccharum spontaneum</i>	(Poaceae) (wild sugarcane)
<i>Salsola vermiculata</i>	(Chenopodiaceae) (wormleaf salsola)
<i>Setaria pallide-fusca</i>	(Poaceae) (cattail grass)
<i>Solanum torvum</i>	(Solanaceae) (turkeyberry)
<i>Solanum viarum</i>	(Solanaceae) (tropical soda apple)
<i>Tridax procumbens</i>	(Asteraceae) (coat buttons)
<i>Urochloa panicoides</i>	(Poaceae) (liverseed grass)



The background of the image is a photograph of a lush green forest. On the left, there are several tall, dark green evergreen trees. In the center, a bright sunburst or lens flare effect creates a glowing path through the trees. The foreground is filled with lower-lying green shrubs and bushes.

APPENDIX O

STATE-LISTED SPECIES AND FEDERAL
AND/OR TERRITORIAL LISTED SPECIES

Appendix O: State-Listed Species and Federal and/or Territorial Listed Species

Tables

O-1:	BIG CYPRESS NATIONAL PRESERVE STATE-LISTED SPECIES.....	255
O-2:	BISCAYNE NATIONAL PARK STATE-LISTED SPECIES	259
O-3:	CANAVERAL NATIONAL SEASHORE STATE-LISTED SPECIES.....	261
O-4:	EVERGLADES NATIONAL PARK STATE-LISTED SPECIES.....	262
O-5:	EVERGLADES NATIONAL PARK STATE-LISTED SPECIES.....	263
O-6:	BUCK ISLAND REEF NATIONAL MONUMENT FEDERAL AND/OR TERRITORIAL LISTED SPECIES	268
O-7:	SALT RIVER BAY NATIONAL HISTORIC PARK AND ECOLOGICAL PRESERVE FEDERAL AND/OR TERRITORIAL LISTED SPECIES	270
O-8:	VIRGIN ISLANDS NATIONAL PARK FEDERAL AND/OR TERRITORIAL LISTED SPECIES	272

APPENDIX O: STATE-LISTED SPECIES AND FEDERAL AND/OR TERRITORIAL LISTED SPECIES

TABLE O-1: BIG CYPRESS NATIONAL PRESERVE STATE-LISTED SPECIES

Common Name	Scientific Name	State Listed Species
Animals		
American alligator	<i>Alligator mississippiensis</i>	Species of special concern
American oystercatcher	<i>Haematopus palliatus</i>	Species of special concern
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	Endangered
Bald eagle	<i>Haliaeetus leucocephalus</i>	Threatened
Big Cypress fox squirrel	<i>Sciurus niger avicennia</i>	Threatened
Black skimmer	<i>Rynchops niger</i>	Species of special concern
Brown pelican	<i>Pelecanus occidentalis</i>	Species of special concern
Cape Sable seaside sparrow	<i>Ammodramus maritimus mirabilis</i>	Endangered
Common snook	<i>Centropomus undecimalis</i>	Species of special concern
Eastern indigo snake	<i>Drymarchon corais couperi</i>	Threatened
Everglades mink	<i>Mustela vison evergladensis</i>	Threatened
Florida black bear	<i>Ursus americanus floridanus</i>	Threatened
Florida panther	<i>Puma concolor coryi</i>	Endangered
Florida sandhill crane	<i>Grus canadensis pratensis</i>	Threatened
Florida tree snail	<i>Liguus fasciatus</i>	Species of special concern
Least tern	<i>Sterna antillarum</i>	Threatened
Limpkin	<i>Aramus guarauna</i>	Species of special concern
Little blue heron	<i>Egretta caerulea</i>	Species of special concern
Mountain lion	<i>Puma concolor</i>	Threatened (similarity of appearance)
Osprey	<i>Pandion haliaetus</i>	Species of special concern
Red-cockaded woodpecker	<i>Picoides borealis</i>	Threatened
Reddish egret	<i>Egretta rufescens</i>	Species of special concern
Roseate spoonbill	<i>Ajaia ajaja</i>	Species of special concern
Snail kite	<i>Rostrhamus sociabilis</i>	Endangered
Snowy egret	<i>Egretta thula</i>	Species of special concern
Tri-colored heron	<i>Egretta tricolor</i>	Species of special concern
West Indian manatee	<i>Trichechus manatus</i>	Endangered
White ibis	<i>Eudocimus albus</i>	Species of special concern
White-crowned pigeon	<i>Columba leucocephala</i>	Threatened
Wood stork	<i>Mycteria americana</i>	Endangered
Plants		
Acuna's star orchid	<i>Epidendrum blancheanum</i>	Endangered
Bahama ladder brake	<i>Pteris bahamensis</i>	Threatened
Banded wild-pine, Twisted airplant	<i>Tillandsia flexuosa</i>	Threatened
Beach verbena, Coastal mock vervain	<i>Glandularia maritima</i>	Endangered
Bird's-nest fern, wild birdnest fern	<i>Asplenium serratum</i>	Endangered
Blodgett's swallowwort	<i>Cynanchum blodgettii</i>	Threatened



TABLE O-1: BIG CYPRESS NATIONAL PRESERVE STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Brittle maidenhair	<i>Adiantum tenerum</i>	Endangered
Broad halbard fern	<i>Tectaria heracleifolia</i>	Threatened
Butterflybush, Curacao bush	<i>Cordia globosa</i>	Endangered
Caribbean crabgrass	<i>Digitaria filiformis</i> var. <i>dolichophylla</i>	Threatened
Catesby's lily, Pine lily	<i>Lilium catesbaei</i>	Threatened
Chiggery grapes	<i>Tournefortia hirsutissima</i>	Endangered
Clamshell orchid, cockleshell orchid	<i>Encyclia cochleata</i>	Endangered
Climbing vine fern	<i>Microgramma heterophylla</i>	Endangered
Coffee colubrina, Greenheart	<i>Colubrina arborescens</i>	Endangered
Comb polypody	<i>Pecluma ptilodon</i> var. <i>caespitosa</i>	Endangered
Cowhorn orchid, Cigar orchid	<i>Cyrtopodium punctatum</i>	Endangered
Cypress peperomia	<i>Peperomia glabella</i>	Endangered
Delicate violet orchid	<i>Ionopsis utricularioides</i>	Endangered
Dingy-flowered star orchid	<i>Epidendrum anceps</i>	Endangered
Eared spleenwort	<i>Asplenium erosum</i>	Endangered
East coast lantana, Florida shrubverbena	<i>Lantana depressa</i> var. <i>floridana</i>	Endangered
Entire-winged bristle fern	<i>Trichomanes holopterum</i>	Endangered
Erect pricklypear	<i>Opuntia stricta</i>	Threatened
Everglades crabgrass, Twospike crabgrass	<i>Digitaria pauciflora</i>	Endangered
Everglades Keys false buttonweed	<i>Spermacoce terminalis</i>	Threatened
Fakahatchee bluethread	<i>Burmannia flava</i>	Endangered
Florida butterfly orchid	<i>Encyclia tampensis</i>	Commercially exploited
Florida dancinglady orchid	<i>Oncidium ensatum</i>	Endangered
Florida gamagrass	<i>Tripsacum floridanum</i>	Threatened
Florida Keys nutrush	<i>Scleria lithosperma</i>	Endangered
Florida peperomia, Baby rubberplant	<i>Peperomia obtusifolia</i>	Endangered
Florida prairieclover	<i>Dalea carthagenensis</i> var. <i>floridana</i>	Endangered
Florida strap airplant	<i>Catopsis floribunda</i>	Endangered
Florida tree fern, Red-hair comb fern	<i>Ctenitis sloanei</i>	Endangered
Ghost orchid, Palmpolly	<i>Polyradicion lindenii</i>	Endangered
Giant sword fern	<i>Nephrolepis biserrata</i>	Threatened
Giant wild-pine, Giant airplant	<i>Tillandsia utriculata</i>	Endangered
Golden leather fern	<i>Acrostichum aureum</i>	Threatened
Greater yellowspike orchid	<i>Polystachya concreta</i>	Endangered
Guiana-plum	<i>Drypetes lateriflora</i>	Threatened
Hand fern	<i>Ophioglossum palmatum</i>	Endangered
Hanging club-moss	<i>Huperzia dichotoma</i>	Endangered
Hidden orchid	<i>Maxillaria crassifolia</i>	Endangered
Hoary wild-pine, Fuzzywuzzy airplant	<i>Tillandsia pruinosa</i>	Endangered
Hoopvine	<i>Trichostigma octandrum</i>	Endangered
Lacelip lady's-tresses	<i>Spiranthes laciniata</i>	Threatened



TABLE O-1: BIG CYPRESS NATIONAL PRESERVE STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Lattice-vein fern	<i>Thelypteris reticulata</i>	Endangered
Leafless beaked lady's-tresses	<i>Sacoila lanceolata</i>	Threatened
Leafless bentspur orchid	<i>Campylocentrum pachyrrhizum</i>	Endangered
Leafy vanilla	<i>Vanilla phaeantha</i>	Endangered
Longlip lady's-tresses	<i>Spiranthes longilabris</i>	Threatened
Manyflowered grasspink	<i>Calopogon multiflorus</i>	Endangered
Mullein nightshade	<i>Solanum verbascifolium</i>	Threatened
Narrow strap fern, Narrow-leaved strap fern	<i>Campyloneurum angustifolium</i>	Endangered
Needleroot airplant orchid	<i>Harrisella porrecta</i>	Threatened
Night-blooming epidendrum, Night-scented orch	<i>Epidendrum nocturnum</i>	Endangered
Nodding club-moss	<i>Lycopodiella cernua</i>	Commercially exploited
Pantropical widelip orchid	<i>Liparis nervosa</i>	Endangered
Paurotis palm, Everglades palm	<i>Acoelorraphe wrightii</i>	Threatened
Pepperbush	<i>Croton humilis</i>	Endangered
Pineland blackanthers	<i>Melanthera parvifolia</i>	Threatened
Pineland clustervine	<i>Jacquemontia curtissii</i>	Threatened
Pineland passionflower	<i>Passiflora pallens</i>	Endangered
Pineland-allamanda, Pineland golden trumpet	<i>Angadenia berteroii</i>	Threatened
Pinepink	<i>Bletia purpurea</i>	Threatened
Poeppig's rosemallow	<i>Hibiscus poeppigii</i>	Endangered
Porter's sandmat	<i>Chamaesyce porteriana</i>	Endangered
Powdery strap airplant	<i>Catopsis berteroniana</i>	Endangered
Quailberry, Christmasberry	<i>Crossopetalum ilicifolium</i>	Threatened
Rain-lily, Redmargin zephyrlily	<i>Zephyranthes simpsonii</i>	Threatened
Ray fern	<i>Schizaea pennula</i>	Endangered
Reflexed wild-pine, Northern needleleaf	<i>Tillandsia balbisiana</i>	Threatened
Rockland morningglory	<i>Ipomoea tenuissima</i>	Endangered
Royal fern	<i>Osmunda regalis</i> var. <i>spectabilis</i>	Commercially exploited
Royal palm, Florida royal palm	<i>Roystonea regia</i>	Endangered
Sanibel Island love grass	<i>Eragrostis tracyi</i>	Endangered
Satinleaf	<i>Chrysophyllum oliviforme</i>	Threatened
Sensitive joint-vetch, Meadow joint-vetch	<i>Aeschynomene pratensis</i>	Endangered
Skyblue clustervine	<i>Jacquemontia pentanthos</i>	Endangered
Small's flax	<i>Linum carteri</i> var. <i>smallii</i>	Endangered
Snowy orchid	<i>Habenaria nivea</i>	Threatened
Soft-leaved wild-pine, Leatherleaf airplant	<i>Tillandsia variabilis</i>	Threatened
Southern Florida sandmat	<i>Chamaesyce pergamena</i>	Threatened
Southern fogfruit	<i>Phyla stoechadifolia</i>	Endangered
Southern lady's-tresses	<i>Spiranthes torta</i>	Endangered
Spicewood, Pale lidflower	<i>Calyptranthes pallens</i>	Threatened



TABLE O-1: BIG CYPRESS NATIONAL PRESERVE STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Stiff-flower star orchid	<i>Epidendrum rigidum</i>	Endangered
Stiff-leaved wild-pine, Cardinal airplant	<i>Tillandsia fasciculata</i> var. <i>densispica</i>	Endangered
Swartz's snoutbean	<i>Rhynchosia swartzii</i>	Endangered
Tailed strap fern	<i>Campyloneurum costatum</i>	Endangered
Tampa mock vervain	<i>Glandularia tampensis</i>	Endangered
Texas ladies-tresses	<i>Spiranthes brevilabris</i>	Endangered
Twinberry, Simpson's stopper	<i>Myrcianthes fragrans</i>	Threatened
Umbrella star orchid	<i>Epidendrum floridense</i>	Endangered
West coast lantana, Sanibel shrubverbena	<i>Lantana depressa</i> var. <i>sanibelensis</i>	Endangered
West Indian mahogany	<i>Swietenia mahagoni</i>	Threatened
West Indian tufted airplant	<i>Guzmania monostachia</i>	Endangered
White colic-root, bracted colic-root	<i>Aletris bracteata</i>	Endangered
Wild basil, Wild sweet basil	<i>Ocimum campechianum</i>	Endangered
Wild cotton, Upland cotton	<i>Gossypium hirsutum</i>	Endangered
Yellow butterwort	<i>Pinguicula lutea</i>	Threatened
Yerba linda	<i>Peperomia rotundifolia</i>	Endangered



TABLE O-2: BISCAYNE NATIONAL PARK STATE-LISTED SPECIES

Common Name	Scientific Name	State Listed Species
Animals		
American alligator	<i>Alligator mississippiensis</i>	Species of special concern
American crocodile	<i>Crocodylus acutus</i>	Endangered
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	Endangered
Bald eagle	<i>Haliaeetus leucocephalus</i>	Threatened
Black skimmer	<i>Pynchops niger</i>	Species of special concern
Brown pelican	<i>Pelecanus occidentalis</i>	Species of special concern
Common green sea turtle	<i>Chelonia mydas</i>	Endangered
Common snook	<i>Centropomus undecimalis</i>	Species of special concern
Eastern indigo snake	<i>Drymarchon corais couperi</i>	Threatened
Finback whale	<i>Balaenoptera physalus</i>	Endangered
Florida tree snail	<i>Liguus fasciatus</i>	Species of special concern
Hawksbill sea turtle	<i>Eretmochelys imbricata</i>	Endangered
Humpback whale	<i>Megaptera novaeangliae</i>	Endangered
Kemps Ridley sea turtle	<i>Lepidochelys kempii</i>	Endangered
Key Largo cotton mouse	<i>Peromyscus gossypinus allapaticola</i>	Endangered
Key Largo woodrat	<i>Neotoma floridana smalli</i>	Endangered
Least tern	<i>Sterna antillarum</i>	Threatened
Leatherback sea turtle	<i>Dermochelys coriacea</i>	Endangered
Little blue heron	<i>Egretta caerulea</i>	Species of special concern
Loggerhead sea turtle	<i>Caretta caretta</i>	Threatened
Pillar coral	<i>Dendrogyra cylindrus</i>	Endangered
Piping plover	<i>Charadrius melanotos</i>	Threatened
Reddish egret	<i>Egretta rufescens</i>	Species of special concern
Right whale	<i>Eubalaena glacialis</i>	Endangered
Roseate spoonbill	<i>Ajaia ajaja</i>	Species of special concern
Schaus swallowtail butterfly	<i>Heraclides aristodemus ponceanus</i>	Endangered
Sei whale	<i>Balaenoptera borealis</i>	Endangered
Snowy egret	<i>Egretta thula</i>	Species of special concern
Southeastern American kestrel	<i>Falco sparverius paulus</i>	Threatened
Sperm whale	<i>Physeter macrocephalus</i>	Endangered
Tricolored heron	<i>Egretta tricolor</i>	Species of special concern
West Indian manatee	<i>Trichechus manatus</i>	Endangered
White Ibis	<i>Eudocimus albus</i>	Species of special concern
White-crowned pigeon	<i>Columba leucocephala</i>	Threatened
Wood stork	<i>Mycteria americana</i>	Endangered
Plants		
Aspidium fern	<i>Thelypteris kunthii</i>	Threatened
Balsam apple/pond apple	<i>Clusia rosea</i>	Endangered



TABLE O-2: BISCAYNE NATIONAL PARK STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Bay cedar	<i>Suriana maritima</i>	Endangered
Beach jacquemontia	<i>Jacquemontia reclinata</i>	Endangered
Burrowing four-o'clock	<i>Okenia hypogaea</i>	Endangered
Butterfly orchid	<i>Encyclia tempensis</i>	Commercially exploited
Dildoe cactus	<i>Cereus pentagonus</i>	Endangered
Dollar orchid	<i>Encyclia boothiana</i>	Endangered
Dutchman's pipevine	<i>Aristolochia pentandra</i>	Endangered
Florida royal palm	<i>Roystonea elata</i>	Endangered
Florida thatch palm	<i>Thrinax radiata</i>	Endangered
Garbers spurge	<i>Chamaesyce garberi</i>	Endangered
Geiger tree*	<i>Cordia sebestena</i>	Endangered
Giant air plant**	<i>Tilandsia utriculata</i>	Endangered
Giant leather fern	<i>Acrostichum danaeifolium</i>	Commercially exploited
Golden leather fern	<i>Acrostichum aureum</i>	Endangered
Inkberry	<i>Scaevola plumieri</i>	Threatened
Joewood	<i>Jacquinia keyensis</i>	Threatened
Johnson's seagrass	<i>Halophila johnsoni</i>	Threatened
Lignum vitae	<i>Guaiacum sanctum</i>	Endangered
Locust berry	<i>Byrsonima lucida</i>	Endangered
Mahogany mistletoe	<i>Phoradendron rubrum</i>	Endangered
Manchineel	<i>Hippomane mancinella</i>	Endangered
Porters spurge	<i>Chamaesyce porteri var. porteri</i>	Endangered
Prickly pear cactus	<i>Opuntia stricta</i>	Threatened
Red stopper	<i>Eugenia rhombea</i>	Endangered
Redberry ironwood	<i>Eugenia confusa</i>	Endangered
Ribbon fern	<i>Paltonium lanceolatum</i>	Endangered
Satinleaf	<i>Chrysophyllum oliviforme</i>	Endangered
Sea lavender	<i>Argusia gnaphloides</i>	Endangered
Semiphore prickly pear -cactus	<i>Opuntia corallicola</i>	Threatened
Sergeant palm	<i>Pseudopanax sargentii</i>	Endangered
Silverpalm**	<i>Coccothrinax argentata</i>	Endangered
Simpson stopper	<i>Eugenia simpsonii</i>	Threatened
Small's milk pea	<i>Galactia smallii</i>	Endangered
Twisted air plant	<i>Tillandsia flexuosa</i>	Endangered
West Indies mahogany	<i>Swietenia mahogani</i>	Endangered
Wild pines	<i>Tilandsia spp. (3)</i>	Endangered
Wild pines	<i>Tilandsia spp. (2)</i>	Threatened



TABLE O-3: CANAVERAL NATIONAL SEASHORE STATE-LISTED SPECIES

Common Name	Scientific Name	State Listed Species
Animals		
American oystercatcher	<i>Haematopus palliatus</i>	Species of special concern
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	Endangered
Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>	Threatened
Bald eagle	<i>Haliaeetus leucocephalus</i>	Threatened
Brown pelican	<i>Pelecanus occidentalis</i>	Species of special concern
Eastern indigo snake	<i>Drymarchon coraisi couperi</i>	Threatened
Florida scrub jay	<i>Aphelocoma coerulescens coerulescens</i>	Threatened
Gopher tortoise	<i>Gopherus polyphemus</i>	Species of special concern
Green sea turtle	<i>Chelonia mydas</i>	Endangered
Hawksbill sea turtle	<i>Eretmochelys imbricata</i>	Endangered
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>	Endangered
Leatherback sea turtle	<i>Dermochelys coriacea</i>	Endangered
Little blue heron	<i>Egretta caerulea</i>	Species of special concern
Loggerhead sea turtle	<i>Caretta caretta</i>	Threatened
Reddish egret	<i>Egretta rufescens</i>	Species of special concern
Right whale	<i>Balaena glacialis</i>	Endangered
Roseate spoonbill	<i>Ajaia ajaja</i>	Species of special concern
Snowy egret	<i>Egretta thula</i>	Species of special concern
Southeastern beach mouse	<i>Peromyscus polionotus niveiventris</i>	Threatened
Tricolored heron	<i>Egretta tricolor</i>	Species of special concern
West Indian manatee	<i>Trichechus manatus latirostris</i>	Endangered
Wood stork	<i>Mycteria americana</i>	Endangered
Plants		
Beachberry, Inkberry	<i>Scaevola plumieri</i>	Threatened
Celestial lily	<i>Nemastylis floridana</i>	Endangered
Hand fern	<i>Ophioglossum palmatum</i>	Endangered
Lantana	<i>Lantana depressa var. floridana</i>	Endangered
Naked wood	<i>Myrcianthes fragrans</i>	Threatened
Prickly pear cactus	<i>Opuntia stricta</i>	Threatened
Sand-dune spurge	<i>Chamaesyce cumulicola</i>	Endangered
Vervain	<i>Glandularia maritima</i>	Endangered
Wildpine, airplant	<i>Tillandsia fasciculate var. densispica</i>	Endangered
Wildpine, airplant	<i>Tillandsia utriculata</i>	Endangered
	<i>Lechea divaricata</i>	Endangered
	<i>Tephrosia angustissima var curtissii</i>	Endangered
	<i>Pteroglossaspis ecristata</i>	Threatened



TABLE O-4: DRY TORTUGAS NATIONAL PARK STATE-LISTED SPECIES

Common Name	Scientific Name	State Listed Species
Plants		
Bay cedar	<i>Suriana maritima</i>	Endangered
Inkberry (a.k.a. gullfeed)	<i>Scaevola plumieri</i>	Threatened
Sea lavender (bay lavender)	<i>Argusia gnaphalodes</i>	Endangered
Shell mound prickly pear	<i>Opuntia stricta</i> var. <i>dillenii</i>	Threatened
Animals		
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	Endangered
Brown pelican	<i>Pelecanus occidentalis</i>	Species of special concern
Least tern	<i>Sterna antillarum</i>	Threatened
Southeast American kestrel	<i>Falco sparverius paulus</i>	Threatened
White-crowned pigeon	<i>Columba leucocephala</i>	Threatened



TABLE O-5: EVERGLADES NATIONAL PARK STATE-LISTED SPECIES

Common Name	Scientific Name	State Listed Species
Animals		
American alligator	<i>Alligator mississippiensis</i>	Species of special concern
American oystercatcher	<i>Haematopus palliatus</i>	Species of special concern
Black skimmer	<i>Rynchops niger</i>	Species of special concern
Brown pelican	<i>Pelecanus occidentalis</i>	Species of special concern
Everglades mink	<i>Mustela vison evergladensis</i>	Threatened
Florida sandhill crane	<i>Grus canadensis pratensis</i>	Threatened
Florida tree snail	<i>Liguus fasciatus</i>	Species of special concern
Gopher tortoise	<i>Gopherus polyphemus</i>	Species of special concern
Least tern	<i>Sterna antillarum</i>	Threatened
Limpkin	<i>Aramus guarauna</i>	Species of special concern
Little blue heron	<i>Egretta caerulea</i>	Species of special concern
Miami blue butterfly	<i>Cyclargus(=Hemiargus) thomasi bethunebakeri</i>	Endangered
Osprey	<i>Pandion haliaetus</i>	Species of special concern
Peregrine falcon	<i>Falco peregrinus</i>	Endangered
Reddish egret	<i>Egretta rufescens</i>	Species of special concern
Roseate spoonbill	<i>Platalea ajaja</i>	Species of special concern
Snowy egret	<i>Egretta thula</i>	Species of special concern
Snowy plover	<i>Charadrius alexandrinus</i>	Threatened
Southeastern American kestrel	<i>Falco sparverius paulus</i>	Threatened
Tricolored heron	<i>Egretta tricolor</i>	Species of special concern
White ibis	<i>Eudocimus albus</i>	Species of special concern
White-crowned pigeon	<i>Columba leucocephala</i>	Threatened
Plants		
Abrupt-tipped maiden fern	<i>Thelypteris augescens</i> (Link) Munz & Johnston	Threatened
Baby rubberplant	<i>Peperomia obtusifolia</i> (L.) A. Dietr.	Endangered
Bahama ladder brake	<i>Pteris bahamensis</i> (J.G. Agardh) Fée	Threatened
Bahama sachisia	<i>Sachsia polyccephala</i> Griseb.	Threatened
Bahama senna	<i>Senna mexicana</i> var. <i>chapmanii</i> (Isely) Irwin & Barneby	Threatened
Beach-berry	<i>Scaevola plumieri</i> (L.) Vahl	Threatened
Beyrich's hooded orchid	<i>Galeandra beyrichii</i> Reichb. f.	Endangered
Bindweed dwarf morning-glory	<i>Evolvulus convolvuloides</i> (Willd. ex J.A. Schultes) Stearn	Endangered
Blacktorch	<i>Erithalis fruticosa</i> L.	Threatened
Blodgett's Ironweed	<i>Vernonia blodgettii</i> Small	Endangered
Blodgett's mercury	<i>Argythamnia blodgettii</i> (Torr. ex Chapm.) Chapm.	Endangered
Blodgett's nightshade, mullein nightshade	<i>Solanum donianum</i> Walp.	Threatened
Bracted colicroot	<i>Aletris bracteata</i> Northrop	Endangered
Brittle maiden-hair	<i>Adiantum tenerum</i> Sw.	Endangered



TABLE O-5: EVERGLADES NATIONAL PARK STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Broad halberd fern	<i>Tectaria heracleifolia</i> (Willd.) Underwood	Threatened
Brown-hair comb fern	<i>Ctenitis submarginalis</i> (Langsd. & Fisch.) Ching	Endangered
Brown's indian rosewood	<i>Dalbergia brownei</i> (Jacq.) Schinz	Endangered
Burrowing four-o'clock	<i>Okenia hypogaea</i> Schlect. & Cham.	Endangered
Butterfly orchid	<i>Encyclia tampensis</i> (Lindl.) Small	Commercially exploited
Cape Sable thoroughwort	<i>Chromolaena frustrata</i> (B.L. Robins.) King & H.E. Robins.	Endangered
Caribbean crabgrass	<i>Digitaria dolichophylla</i> Henr.	Threatened
Carter's orchid	<i>Basiphyllaea corallicola</i> (Small) Ames	Endangered
Chapman's bristlegrass	<i>Paspalidium chapmanii</i> (Vasey) R.W. Pohl [<i>Setaria chapmanii</i> (Vasey) Pilger]	Endangered
Chiggery grapes	<i>Tournefortia hirsutissima</i> L.	Endangered
Clamshell orchid	<i>Encyclia cochleata</i> (L.) Dressler	Endangered
Clinging vine fern	<i>Microgramma heterophylla</i> (L.) Wherry	Endangered
Coast leather fern	<i>Acrostichum aureum</i> L.	Threatened
Coastal mock vervain	<i>Glandularia maritima</i> (Small) Small	Endangered
Coffee colubrina	<i>Colubrina arborescens</i> (P. Mill.) Sarg.	Endangered
Coontie	<i>Zamia pumila</i> L.	Commercially exploited
Costa Rican ladies'-tresses	<i>Spiranthes costaricensis</i> Reichb. f.	Endangered
Cowhorn orchid	<i>Cyrtopodium punctatum</i> (L.) Lindl.	Endangered
Creeping maiden fern	<i>Thelypteris reptans</i> (J.F. Gmel.) Morton	Endangered
Crenulate lead plant	<i>Amorpha herbacea</i> var. <i>crenulata</i> (Rydb.) Isely [<i>Amorpha crenulata</i> Ryd.]	Endangered
Cuban colubrina	<i>Colubrina cubensis</i> var. <i>floridana</i> M.C.Johnston	Endangered
Curacao bush	<i>Cordia globosa</i> (Jacq.) Kunth	Endangered
Cypress fern	<i>Thelypteris reticulata</i> (L.) Proctor	Endangered
Darling plum	<i>Reynosia septentrionalis</i> Urban	Threatened
Delicate violet orchid	<i>Ionopsis utricularioides</i> (Sw.) Lindl.	Endangered
Dildo cactus	<i>Acanthocereus tetragonus</i> (L.) Humm.	Threatened
Dollar orchid	<i>Encyclia boothiana</i> (Lindl.) Dressler	Endangered
Eaton's spikemoss	<i>Selaginella eatonii</i> Hieron. ex Small	Endangered
Erect pricklypear	<i>Opuntia stricta</i> var. <i>dillenii</i> (Ker-Gawl.) Benson	Threatened
Erect pricklypear	<i>Opuntia stricta</i> var. <i>stricta</i> (Haw.) Haw.	Threatened
Everglade Key pencilflower	<i>Stylosanthes calcicola</i> Small	Endangered
Everglades greenbrier	<i>Smilax havanensis</i> auct. non Jacq.	Threatened
Everglades shy-leaf	<i>Aeschynomene pratensis</i> Small	Endangered
Fleshy star orchid	<i>Epidendrum boricuarum</i> Hágsater & Sánchez [<i>Epidendrum difforme</i> Jacq.]	Endangered
Florida Bitterbush	<i>Picramnia pentandra</i> Sw.	Endangered
Florida boxwood	<i>Schaefferia frutescens</i> Jacq.	Endangered
Florida bristle fern	<i>Trichomanes punctatum</i>	Endangered
Florida gamagrass	<i>Tripsacum floridanum</i> Porter ex Vasey	Threatened



TABLE O-5: EVERGLADES NATIONAL PARK STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Florida Keys blackbead	<i>Pithecellobium keyense</i> Britt. ex Britt. & Rose	Threatened
Florida Keys nutrush	<i>Scleria lithosperma</i> (L.) Sw.	Endangered
Florida Keys thoroughwort	<i>Koanophyllum villosum</i> (Sw.) King & H.E. Robins. [<i>Eupatorium villosum</i> Sw.]	Endangered
Florida lantana	<i>Lantana depressa</i> var. <i>depressa</i> Small	Endangered
Florida orchid	<i>Oncidium floridanum</i> Ames [<i>O. ensatum</i>]	Endangered
Florida royal palm	<i>Roystonea elata</i> (Bartr.) F. Harper	Endangered
Florida silver palm	<i>Coccothrinax argentata</i> (Jacq.) Bailey	Threatened
Florida strap airplant	<i>Catopsis floribunda</i> L.B. Sm.	Endangered
Florida thatch palm	<i>Thrinax radiata</i> Lodd. ex J.A. & J.H. Schultes	Endangered
Florida tree fern	<i>Ctenitis sloanei</i> (Poep. ex Spreng.) Morton	Endangered
Fragrant maiden-hair	<i>Adiantum melanoleucum</i> Willd.	Endangered
Garber's sandmat	<i>Chamaesyce garberi</i> (Engelm. ex Chapman) Small	Endangered
Ghost orchid	<i>Polyradicion lindenii</i> (Lindl.) Garay	Endangered
Giant air-plant	<i>Tillandsia utriculata</i> L.	Endangered
Giant swordfern	<i>Nephrolepis biserrata</i> (Sw.) Schott	Threatened
Goatsfoot	<i>Passiflora sexflora</i> Juss.	Endangered
Greater yellowspike orchid	<i>Polystachya concreta</i> (Jacq.) Garay & Sweet	Endangered
Ground-holly, christmasberry	<i>Crossopetalum ilicifolium</i> (Poir.) Kuntze	Threatened
Guiana plum	<i>Drypetes lateriflora</i> (Sw.) Krug & Urban	Threatened
Gutta-percha mayten	<i>Maytenus phyllanthoides</i> Benth.	Threatened
Hand fern	<i>Cheiroglossa palmata</i> (L.) K. Presl [<i>Ophioglossum palmatum</i> L.]	Endangered
Havana skullcap	<i>Scutellaria havanensis</i> Jacq.	Endangered
Hollyleaf fern	<i>Lomariopsis kunzeana</i> (K. Presl ex Underwood) Holtum	Endangered
Joewood	<i>Jacquinia keyensis</i> Mez	Threatened
Kraus's bristle fern	<i>Trichomanes krausii</i>	Endangered
Lacelip ladies'-tresses	<i>Spiranthes laciniata</i> (Small) Ames	Threatened
Lamarck's trema	<i>Trema lamarckianum</i> (J.A. Schultes) Blume	Endangered
Leafless beaked ladies'-tresses	<i>Stenorrhynchos lanceolatum</i> var. <i>paludicola</i> (Luer) Kartesz [<i>Spiranthes lanceolata</i> var. <i>paludicola</i> Luer]	Threatened
Leafy vanilla	<i>Vanilla phaeantha</i> Reichb. f.	Endangered
Least halberd fern	<i>Tectaria fimbriata</i> (Willd.) Proctor & Lourteig	Endangered
Long Key locustberry	<i>Byrsonima lucida</i> (P. Mill.) DC.	Threatened
Longgland orchid	<i>Macradenia lutescens</i> R. Br.	Endangered
Long-stalked stopper	<i>Psidium longipes</i> (Berg) McVaugh	Threatened
Manchineel	<i>Hippomane mancinella</i> L.	Endangered
Mangrove mallow	<i>Pavonia paludicola</i> D.H. Nicols. ex Fryxell	Endangered
Man-in-the-ground	<i>Ipomoea microdactyla</i> Griseb.	Endangered
Mexican alvaradoa	<i>Alvaradoa amorphoides</i> Liebm.	Endangered



TABLE O-5: EVERGLADES NATIONAL PARK STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Milkbark	<i>Drypetes diversifolia</i> Krug & Urban	Endangered
Mistletoe cactus	<i>Rhipsalis baccifera</i> (Soland. ex J. Mill.) Stearn	Endangered
Mrs. Britton's shadow witch	<i>Ponthieva brittoniae</i> Ames	Endangered
Mule-ear orchid	<i>Oncidium undulatum</i> (Sw.) Salisb.	Endangered
Myrtle-of-the-river	<i>Calyptranthes zuzygium</i> (L.) Sw.	Endangered
Naked-wood	<i>Colubrina elliptica</i> (Sw.) Briz. & Stern	Endangered
Night-blooming orchid	<i>Epidendrum nocturnum</i> Jacq.	Endangered
Pale lidflower, white spicewood	<i>Calyptranthes pallens</i> Griseb.	Threatened
Parasitic ghostplant	<i>Voyria parasitica</i> (Schlecht. & Cham.) Ruyters & P.Maas	Endangered
Paurotis palm	<i>Acoelorraphe wrightii</i> (Griseb. & H. Wendl.) H. Wendl. ex Becc.	Threatened
Pearl-berry	<i>Vallesia antillana</i> Woods.	Endangered
Pineland allamanda	<i>Angadenia berteroii</i> (A. DC.) Miers	Threatened
Pineland clustervine	<i>Jacquemontia curtissii</i> Peter ex Small	Threatened
Pineland daisy	<i>Chaptalia dentata</i> (L.) Cass.	Threatened
Pineland noseburn	<i>Tragia saxicola</i> Small	Threatened
Pineland passionflower	<i>Passiflora pallens</i> Poepp. ex Masters	Endangered
Pineland poinsettia	<i>Euphorbia pinetorum</i> (Small) G.L. Webster [<i>Poinsettia pinetorum</i> Small]	Endangered
Pinepink	<i>Bletia purpurea</i> (Lam.) DC.	Threatened
Plumy polypody	<i>Pecluma plumula</i> (Humb. & Bonpl. ex Willd.) M.G. Price [<i>Polypodium plumula</i> Humb. & Bonpl. ex Willd.]	Endangered
Poeppig's rosemallow	<i>Hibiscus poeppigii</i> (Spreng.) Garcke	Endangered
Polynesian peperomia	<i>Peperomia humilis</i> A. Dietr.	Endangered
Porter's sandmat	<i>Chamaesyce porteriana</i> var. <i>porteriana</i> Small	Endangered
Powdery catopsis	<i>Catopsis berteroniana</i> (J.A. & J.H. Schultes) Mez	Endangered
Prickly-apple	<i>Harrisia simpsonii</i> Small	Endangered
Princewood	<i>Exostema caribaeum</i> (Jacq.) J.A. Schultes	Endangered
Reflexed wild-pine	<i>Tillandsia balbisiana</i> J.A. & J.H. Schultes	Threatened
Rhacomia	<i>Crossopetalum rhacoma</i> Crantz	Threatened
Rockland morning glory	<i>Ipomoea tenuissima</i> Choisy	Endangered
Sanibel shrubverbena	<i>Lantana depressa</i> var. <i>sanibelensis</i> R.W. Sanders	Endangered
Satinleaf	<i>Chrysophyllum oliviforme</i> L.	Threatened
Sea lavender	<i>Argusia gnaphalodes</i> (L.) Heine	Endangered
Simpson stopper	<i>Myrcianthes fragrans</i> (Sw.) McVaugh	Threatened
Skyblue clustervine	<i>Jacquemontia pentanthos</i> (Jacq.) G. Don	Endangered
Small Prescott orchid	<i>Prescotia oligantha</i> (Sw.) Lindl.	Endangered
Small-leaf snoutbean	<i>Rhynchosia parvifolia</i> DC.	Threatened
Small-leaf squarestem	<i>Melanthera parvifolia</i> Small	Threatened
Small's flax	<i>Linum carteri</i> var. <i>smallii</i> Rogers	Endangered



TABLE O-5: EVERGLADES NATIONAL PARK STATE-LISTED SPECIES (CONTINUED)

Common Name	Scientific Name	State Listed Species
Plants (continued)		
Smooth strongbark	<i>Bourreria cassinifolia</i> (A. Rich.) Griseb.	Endangered
Soft-leaved wild pine	<i>Tillandsia variabilis</i> Schlecht. [<i>T. valenzuelana</i>]	Threatened
Southern Florida sandmat	<i>Chamaesyce adenoptera</i> ssp. <i>pergamena</i> (Small) Burch	Threatened
Southern fogfruit	<i>Phyla stoechadifolia</i> (L.) Small	Endangered
Southern ladies'-tresses	<i>Spiranthes torta</i> (Thunb.) Garay & Sweet	Endangered
Southern lipfern	<i>Cheilanthes microphylla</i> (Sw.) Sw.	Endangered
Spider orchid	<i>Brassia caudata</i> (L.) Lindl.	Endangered
Spurred neottia	<i>Eltroplectris calcarata</i> (Sw.) Garay & Sweet	Endangered
Stiff flower star orchid	<i>Epidendrum rigidum</i> Jacq.	Endangered
Strongback	<i>Bourreria succulenta</i> (B. ovata Miers)	Endangered
Tawnyberry holly	<i>Ilex krugiana</i> Loes.	Threatened
Tetrazygia	<i>Tetrazygia bicolor</i> (P. Mill.) Cogn.	Threatened
Toothed cypress fern	<i>Thelypteris serrata</i> (Cav.) Alston	Endangered
Toothed spleenwort	<i>Asplenium trichomanes-dentatum</i> L. [<i>Asplenium dentatum</i>]	Endangered
Tropical govenia	<i>Govenia utriculata</i> (Sw.) Lindl.	Endangered
Twisted airplant	<i>Tillandsia flexuosa</i> Sw.	Threatened
Twospike crabgrass	<i>Digitaria pauciflora</i> A.S. Hitchc.	Endangered
Wedge sandmat	<i>Chamaesyce deltoidea</i> ssp. <i>pinetorum</i> (Small) Herndon [<i>Chamaesyce pinetorum</i> Small]	Endangered
Wedgelet fern	<i>Odontosoria clavata</i> (L.) [Sphenomeris clavata (L.) Maxon]	Endangered
West Indian cherry	<i>Prunus myrtifolia</i> (L.) Urban	Threatened
West Indian cock's comb	<i>Celosia nitida</i> Vahl	Endangered
West Indian mahogany	<i>Swietenia mahagoni</i> (L.) Jacq.	Threatened
West Indian tufted airplant	<i>Guzmania monostachia</i> (L.) Rusby ex Mez	Endangered
White fenrose	<i>Kosteletzkya depressa</i> (L.) O.J. Blanchard, Fryxell & Bates	Endangered
White ironwood	<i>Hypelate trifoliata</i> Sw.	Endangered
Whiteflower passionflower	<i>Passiflora multiflora</i> L.	Endangered
Wild basil	<i>Ocimum campechianum</i> P. Mill.	Endangered
Wild cinnamon	<i>Canella winteriana</i> (L.) Gaertn.	Endangered
Wild cotton	<i>Gossypium hirsutum</i> L.	Endangered
Wild dilly	<i>Manilkara jaimiqui</i> (C. Wright) Dubard	Threatened
Wild-pine	<i>Tillandsia fasciculata</i> var. <i>densispica</i> Mez	Endangered
Wormvine orchid	<i>Vanilla barbellata</i> Reichb. f.	Endangered
Wright's pineland fern	<i>Anemia wrightii</i> Baker	Endangered
	<i>Dalea carthaginensis floridana</i>	Endangered
	<i>Epidendrum anceps</i> Jacq.	Endangered
	<i>Pleurothallis gelida</i> Lindl.	Endangered
	<i>Spermacoce terminalis</i> (Small) Kartesz & Gandhi [<i>Borreria terminalis</i> Small]	Threatened



**TABLE O-6: BUCK ISLAND REEF NATIONAL MONUMENT
FEDERAL AND/OR TERRITORIAL LISTED SPECIES**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
Antillean mango	<i>Anthracothorax dominicus</i>	Bulletwood	<i>Manilkara bidentata</i>
Audubon shearwater	<i>Puffinus lherminieri</i>	Capa rosa	<i>Callicarpa ampla</i>
Bahama duck	<i>Anas bahamensis</i>	Central Amer. Oak	<i>I. sideroxyloides</i>
Black Coral	<i>Order Antipatharia</i>	Christmas Orchid	<i>Encyclia ciliare</i>
Black-cr. Night heron	<i>Nycticorax nycticorax</i>	Cockle-shell Orchid	<i>E. cochleata</i>
Bridled Quail dove	<i>Geotrygon mystacea</i>	Cowage cherry	<i>Malpighia woodburyana</i>
Brown-throated parakeet	<i>Aratinga Pertinax</i>	Egger's agave	<i>Agave eggersiana</i>
Caribbean coot	<i>Fulica caribea</i>	Egger's Cockspur	<i>Erythrina eggersii</i>
Cave Bat	<i>Brachyphylla cavernarum</i>	Egger's galactia	<i>Galactia eggersii</i>
Clapper rail	<i>Rallus longirostris</i>	Lignum vitae	<i>Guaiacum officinale</i>
Fisherman bat	<i>Noctilio leporinus</i>	Myrtle-leaved Peperomia	<i>Peperomia myrtifolia</i>
G. Blue Heron	<i>Ardea herodius</i>	Pinon	<i>Tillandsia lineatispica</i>
Great (common) egret	<i>Casmerodus albus</i>	Richard's clearweed	<i>Pilea richardii</i>
Jewfish	<i>Epinephelus itajara</i>	Sandy Pt. Orchid	<i>Psychilis macconelliae</i>
Least bittern	<i>Ixobrychus exilis</i>	Stinging bush	<i>M. infestissima (=pallens)</i>
Least grebe	<i>Podiceps dominicus</i>	Urban's holly	<i>Ilex urbanii</i>
Least tern	<i>Sterna antillarum</i>	Vanilla orchid	<i>Vanilla barbellata</i>
Red fruit bat	<i>Stenoderma rufum</i>	White Dancing Lady	<i>T. variegatum</i>
Ruddy duck	<i>Oxyura jamaicensis</i>	Wooly nipple	<i>Mammilaria nivosa</i>
Slipperyback skink	<i>Mabuya mabouia</i>	Yellow Dancing Lady	<i>Tolumnia (Oncidium) prionochila</i>
Snowy egret	<i>Egretta thula</i>		<i>Brassavola cucullata</i>
Snowy plover	<i>Charadrius alexandrinus</i>		<i>Byronsima</i> sp.
Stolid flycatcher	<i>Myiarchus stolidus</i>		<i>Catesbea melanocarpa</i>
VI Screech owl	<i>Otus nudipes newtoni</i>		<i>Coccoboa rugosa</i>
West Indian nighthawk	<i>Chordeiles griseus</i>		<i>Croton fishlockii</i>
White-crowned pigeon	<i>Columba leucocephala</i>		<i>Cypselia humifusa</i>
White-tailed tropicbird	<i>Phaethon lepturus</i>		<i>Eugenia</i> sp.
Willet	<i>Catoptrophorus semipalmatus</i>		<i>Habenaria alata</i>
			<i>M. linearis</i>
			<i>Machaonia woodburyana</i>
			<i>Malpighia</i> sp.
			<i>Maytenus cymosa</i>
			<i>Nashia inaguensis</i>
			<i>Operculina triquetra</i>
			<i>Opuntia triacantha</i>
			<i>P. stachyoides</i>
			<i>Polystachya concreta</i>
			<i>Ponthieva racemosa</i>
			<i>Prescottia oligantha</i>
			<i>Psidium amplexicaule</i>
			<i>Psidium</i> sp.



**TABLE O-6: BUCK ISLAND REEF NATIONAL MONUMENT
FEDERAL AND/OR TERRITORIAL LISTED SPECIES (CONTINUED)**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
			<i>S. conocarpum</i>
			<i>Schoepfia schreberi</i>
			<i>Sida eggersii</i>
			<i>Solanum mucronatum</i>
			<i>Spiranthes torta</i>
			<i>T. canaliculata alba</i>
			<i>Tetramicra canaliculata</i>

Note: The above list represents plants and animals occurring in the US Virgin Islands which are protected by either the *U.S. Endangered Species Act of 1973* or the *VI Endangered and Indigenous Species Act of 1990* (Act No. 5665). This list is promulgated under Act 5665, Section 104(g) and may be revised as new information becomes available.

Note: Because Christiansted National Historic Site is an urban park with a landscaped lawn, there is not list of Federal and/or Territorial Listed Species.



**TABLE O-7: SALT RIVER BAY NATIONAL HISTORIC PARK AND ECOLOGICAL PRESERVE
FEDERAL AND/OR TERRITORIAL LISTED SPECIES**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
Antillean mango	<i>Anthracothorax dominicus</i>	Bulletwood	<i>Manilkara bidentata</i>
Audubon shearwater	<i>Puffinus lherminieri</i>	Capa rosa	<i>Callicarpa ampla</i>
Bahama duck	<i>Anas bahamensis</i>	Central Amer. Oak	<i>I. sideroxyloides</i>
Black Coral	<i>Order Antipatharia</i>	Christmas Orchid	<i>Encyclia ciliare</i>
Black-cr. Night heron	<i>Nycticorax nycticorax</i>	Cockle-shell Orchid	<i>E. cochleata</i>
Bridled Quail dove	<i>Geotrygon mystacea</i>	Cowage cherry	<i>Malpighia woodburyana</i>
Brown-throated parakeet	<i>Aratinga Pertinax</i>	Egger's agave	<i>Agave eggersiana</i>
Caribbean coot	<i>Fulica caribea</i>	Egger's Cockspur	<i>Erythrina eggersii</i>
Cave Bat	<i>Brachyphylla cavernarum</i>	Egger's galactia	<i>Galactia eggersii</i>
Clapper rail	<i>Rallus longirostris</i>	Lignum vitae	<i>Guaiacum officinale</i>
Fisherman bat	<i>Noctilio leporinus</i>	Myrtle-leaved Peperomia	<i>Peperomia myrtifolia</i>
G. Blue Heron	<i>Ardea herodius</i>	Pinon	<i>Tillandsia lineatispica</i>
Great (common) egret	<i>Casmerodus albus</i>	Richard's clearweed	<i>Pilea richardii</i>
Jewfish	<i>Epinephelus itajara</i>	Sandy Pt. Orchid	<i>Psychilis macconelliae</i>
Least bittern	<i>Ixobrychus exilis</i>	Stinging bush	<i>M. infestissima (=pallens)</i>
Least grebe	<i>Podiceps dominicus</i>	Urban's holly	<i>Ilex urbanii</i>
Least tern	<i>Sterna antillarum</i>	Vanilla orchid	<i>Vanilla barbellata</i>
Red fruit bat	<i>Stenoderma rufum</i>	White Dancing Lady	<i>T. variegatum</i>
Ruddy duck	<i>Oxyura jamaicensis</i>	Wooly nipple	<i>Mammilaria nivosa</i>
Slipperyback skink	<i>Mabuya mabouia</i>	Yellow Dancing Lady	<i>Tolumnia (Oncidium) prionochila</i>
Snowy egret	<i>Egretta thula</i>		<i>Brassavola cucullata</i>
Snowy plover	<i>Charadrius alexandrinus</i>		<i>Byronsima</i> sp.
Stolid flycatcher	<i>Myiarchus stolidus</i>		<i>Catesbea melanocarpa</i>
VI Screech owl	<i>Otus nudipes newtoni</i>		<i>Coccoboa rugosa</i>
West Indian nighthawk	<i>Chordeiles griseus</i>		<i>Croton fishlockii</i>
White-crowned pigeon	<i>Columba leucocephala</i>		<i>Cypselia humifusa</i>
White-tailed tropicbird	<i>Phaethon lepturus</i>		<i>Eugenia</i> sp.
Willet	<i>Catoptrophorus semipalmatus</i>		<i>Habenaria alata</i>
			<i>M. linearis</i>
			<i>Machaonia woodburyana</i>
			<i>Malpighia</i> sp.
			<i>Maytenus cymosa</i>
			<i>Nashia inaguensis</i>
			<i>Operculina triquetra</i>
			<i>Opuntia triacantha</i>
			<i>P. stachyoides</i>
			<i>Polystachya concreta</i>
			<i>Ponthieva racemosa</i>
			<i>Prescottia oligantha</i>
			<i>Psidium amplexicaule</i>
			<i>Psidium</i> sp.



**TABLE O-7: SALT RIVER BAY NATIONAL HISTORIC PARK AND ECOLOGICAL PRESERVE
FEDERAL AND/OR TERRITORIAL LISTED SPECIES (CONTINUED)**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
		<i>S. conoocarpum</i>	
		<i>Schoepfia schreberi</i>	
		<i>Sida eggersii</i>	
		<i>Solanum mucronatum</i>	
		<i>Spiranthes torta</i>	
		<i>T. canaliculata alba</i>	
		<i>Tetramicra canaliculata</i>	

Note: The above list represents plants and animals occurring in the US Virgin Islands which are protected by either the U.S. *Endangered Species Act of 1973* or the VI *Endangered and Indigenous Species Act of 1990* (Act No. 5665). This list is promulgated under Act 5665, Section 104(g) and may be revised as new information becomes available.



**TABLE O-8: VIRGIN ISLANDS NATIONAL PARK
FEDERAL AND/OR TERRITORIAL LISTED SPECIES**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
Antillean mango	<i>Anthracothorax dominicus</i>	Bulletwood	<i>Manilkara bidentata</i>
Audubon shearwater	<i>Puffinus lherminieri</i>	Capa rosa	<i>Callicarpa ampla</i>
Bahama duck	<i>Anas bahamensis</i>	Central Amer. Oak	<i>I. sideroxyloides</i>
Black Coral	<i>Order Antipatharia</i>	Christmas Orchid	<i>Encyclia ciliare</i>
Black-cr. Night heron	<i>Nycticorax nycticorax</i>	Cockle-shell Orchid	<i>E. cochleata</i>
Bridled Quail dove	<i>Geotrygon mystacea</i>	Cowage cherry	<i>Malpighia woodburyana</i>
Brown-throated parakeet	<i>Aratinga Pertinax</i>	Egger's agave	<i>Agave eggersiana</i>
Caribbean coot	<i>Fulica caribea</i>	Egger's Cockspur	<i>Erythrina eggersii</i>
Cave Bat	<i>Brachyphylla cavernarum</i>	Egger's galactia	<i>Galactia eggersii</i>
Clapper rail	<i>Rallus longirostris</i>	Lignum vitae	<i>Guaiacum officinale</i>
Fisherman bat	<i>Noctilio leporinus</i>	Myrtle-leaved Peperomia	<i>Peperomia myrtifolia</i>
G. Blue Heron	<i>Ardea herodius</i>	Pinon	<i>Tillandsia lineatispica</i>
Great (common) egret	<i>Casmerodus albus</i>	Richard's clearweed	<i>Pilea richardii</i>
Jewfish	<i>Epinephelus itajara</i>	Sandy Pt. Orchid	<i>Psychilis macconelliae</i>
Least bittern	<i>Ixobrychus exilis</i>	Stinging bush	<i>M. infestissima (=pallens)</i>
Least grebe	<i>Podiceps dominicus</i>	Urban's holly	<i>Ilex urbanii</i>
Least tern	<i>Sterna antillarum</i>	Vanilla orchid	<i>Vanilla barbellata</i>
Red fruit bat	<i>Stenoderma rufum</i>	White Dancing Lady	<i>T. variegatum</i>
Ruddy duck	<i>Oxyura jamaicensis</i>	Wooly nipple	<i>Mammilaria nivosa</i>
Slipperyback skink	<i>Mabuya mabouia</i>	Yellow Dancing Lady	<i>Tolumnia (Oncidium) prionochila</i>
Snowy egret	<i>Egretta thula</i>		<i>Brassavola cucullata</i>
Snowy plover	<i>Charadrius alexandrinus</i>		<i>Byronsima</i> sp.
Stolid flycatcher	<i>Myiarchus stolidus</i>		<i>Catesbea melanocarpa</i>
VI Screech owl	<i>Otus nudipes newtoni</i>		<i>Coccoboa rugosa</i>
West Indian nighthawk	<i>Chordeiles griseus</i>		<i>Croton fishlockii</i>
White-crowned pigeon	<i>Columba leucocephala</i>		<i>Cypselia humifusa</i>
White-tailed tropicbird	<i>Phaethon lepturus</i>		<i>Eugenia</i> sp.
Willet	<i>Catoptrophorus semipalmatus</i>		<i>Habenaria alata</i>
			<i>M. linearis</i>
			<i>Machaonia woodburyana</i>
			<i>Malpighia</i> sp.
			<i>Maytenus cymosa</i>
			<i>Nashia inaguensis</i>
			<i>Operculina triquetra</i>
			<i>Opuntia triacantha</i>
			<i>P. stachyoides</i>
			<i>Polystachya concreta</i>
			<i>Ponthieva racemosa</i>
			<i>Prescottia oligantha</i>
			<i>Psidium amplexicaule</i>
			<i>Psidium</i> sp.



**TABLE O-8: VIRGIN ISLANDS NATIONAL PARK
FEDERAL AND/OR TERRITORIAL LISTED SPECIES (CONTINUED)**

Common Name	Scientific Name	Common Name	Scientific Name
Animals		Plants	
			<i>S. conocarpum</i>
			<i>Schoepfia schreberi</i>
			<i>Sida eggersii</i>
			<i>Solanum mucronatum</i>
			<i>Spiranthes torta</i>
			<i>T. canaliculata alba</i>
			<i>Tetramicra canaliculata</i>

Note: The above list represents plants and animals occurring in the US Virgin Islands which are protected by either the U.S. *Endangered Species Act of 1973* or the VI *Endangered and Indigenous Species Act of 1990* (Act No. 5665). This list is promulgated under Act 5665, Section 104(g) and may be revised as new information becomes available.





APPENDIX P

FUNDING PROGRAMS AVAILABLE TO PARKS

FOR THE TREATMENT OF EXOTIC PLANTS

Appendix P: Funding Programs Available to Parks for the Treatment of Exotic Plants

Contents

EPMT FUNDING.....	277
DEPARTMENT OF THE INTERIOR COST SHARING INITIATIVE	277
CHALLENGE COST-SHARE	278
NPS ENVIRONMENTAL QUALITY DIVISION	278
FEE DEMONSTRATION PROGRAM.....	278
FIRE PROTECTION.....	278
NPS GIS PROJECTS	278
NPS INVENTORY AND MONITORING PROGRAM	278
NPS NATURAL RESOURCE PRESERVATION PROGRAM	279
NRPP DISTURBED LAND RESTORATION	279
NRPP THREATENED AND ENDANGERED SPECIES PROGRAM	279
PARKS AS CLASSROOMS.....	279
PARKS AS CLASSROOMS NATURAL RESOURCES MATCH	279
U.S. GEOLOGICAL SURVEY BIOLOGICAL RESOURCE DIVISION – PARK ORIENTED BIOLOGICAL SUPPORT	279
ANNUAL OPERATING FUNDS OR PARK-BASED FUNDING.....	279

APPENDIX P: FUNDING PROGRAMS AVAILABLE TO PARKS FOR THE TREATMENT OF EXOTIC PLANTS

The following is a detailed description of funding sources that exist. Some sources such as the exotic plant management team and the cost sharing initiative have been used in the past for exotic plant treatment. Others sources described below have not been used for management of exotic plants or monitoring of treatment success but may be accessed for funding management activities in the future.

EPMT Funding

The primary funding source for exotic plant management in the nine park units is the National Park Service (NPS) Exotic Plant Management Team (EPMT) program, which not only established a system to prioritize treatment areas but also developed a region-specific mechanism to fund the highest priority projects.

The Florida/Caribbean EPMT receives approximately \$600,000 annually in direct NPS funding. This budget supports two crew leaders—one in south Florida and one in the Virgin Islands—and their offices and vehicles. The remaining \$450,000 annually, are used for exotic plant control and management projects (NPS, A. Pernas, pers. comm. with K. Kuhlman, 2004).

The project selection process begins when park resource managers and exotic plant control specialists develop control and maintenance proposals for their park units. The parks then enter project information into the NPS Project Management Information System (PMIS) database, which the NPS uses to track and evaluate all of its proposed projects. Currently, each park may submit an unlimited number of projects for evaluation; however, the EPMT is considering limiting parks to two proposals each or capping the dollar amount requested by each park.

Proposals from the south Florida and Caribbean parks are evaluated and ranked by one representative from each national park, one representative from the NPS Southeast Regional Office, and two representatives from the Florida DEP. The group performs the ranking annually in August, funding work for the following fiscal year beginning October 1.

Proposals for the nine parks are ranked and funded using established EPMT criteria that have been developed by the NPS and state of Florida. Proposals are ranked and funded, beginning with the first priority and continuing down the list, until available funds are exhausted. Where appropriate, the evaluation team exercises flexibility when determining funding levels, which allows the maximum number of projects to be accomplished with the total funds available.

Projects in the south Florida parks are eligible for one-to-one (50/50) matching funds from the Florida DEP. Cost-sharing is accomplished during implementation, when the two agencies share responsibility for contract payments.

The high-priority Caribbean projects are funded solely by the EPMT because they are not eligible to receive support from the state of Florida. They are included with the Florida projects in the annual ranking to take advantage of the expertise available on the panel.

The approved and funded projects are then implemented using contractors. The NPS has three 5-year indefinite delivery indefinite quantity (IDIQ) contracts for exotic plant control that are annually renewable through 2008. Central and north Florida have one contractor, south Florida has two contractors, and the Caribbean has one contractor. These contracts are administered by the contracting officer at Big Cypress National Preserve.

Department of the Interior Cost Sharing Initiative

In addition to NPS and Florida DEP funds, in 2003 the EPMT obtained funding from the U.S. Department of the Interior's Cooperative Cost-sharing Initiative. The south Florida national parks received \$542,704 for four exotic



plant control projects; Big Cypress was awarded \$343,829 for two melaleuca projects; Everglades was awarded \$100,000 to fight Old Word climbing fern; and Biscayne National Park received \$498,875 for ongoing efforts on Elliott Key. The FDEP matched the 2003 Cooperative Cost-sharing Initiative award with \$423,000.

For fiscal year 2003, the FDEP did not provide the full one-to-one (50/50) match for the EPMT; however, more total funding was made available by the Cooperative Cost-sharing Initiative matching funds in 2003. The EPMT is now seeking Cooperative Cost-sharing Initiative funding for additional projects to be completed in fiscal year 2004.

Challenge Cost-Share

The purpose of this program is to increase awareness of preservation of and improvements to NPS recreational, cultural, and natural resources in neighboring communities and the public at large. The program provides up to 50% cost-sharing grant to carry out mutually beneficial projects with individual, group, and corporate partners. Total project funding would come from the NPS as well as state and local governments and agencies. Other non-federal entities may donate funding, equipment, supplies, or other in-kind services to complete a park project. Generally, projects are small, able to be completed in one year, and consistent with park management and planning documents.

NPS Environmental Quality Division

The Washington Office of the NPS funds environmental analysis and compliance (environmental assessments and environmental impact statements) for projects that meet one or more of the following criteria: The proposed project presents issues or problems that have precedent-setting implications, significant or long-standing resource effects could result, background studies and foreseeable information needs are complete, other funding sources are available, or preparation of an environmental impact analysis has been required by a court order. The Environmental Quality Division program supports the preparation of this plan and environmental impact statement.

Fee Demonstration Program

NPS sites or projects that collect fees for visitor use may retain up to 80% of the revenue generated. The remaining 20% are distributed service-wide. Pre-revenues are spent only on approved projects that meet the fee demo program eligibility criteria and emphasis factors.

Fire Protection

Activities include fire effects monitoring and hazardous fuels reduction.

NPS GIS Projects

GIS funding is allocated to Regional GIS Program Offices for distribution to parks for development, continuation, or advancement of GIS systems, GPS data collection, integration of other data into geospatial formats, development of metadata, posting data to clearinghouses, data production/acquisition, and/or GIS applications or modeling development.

NPS Inventory and Monitoring Program

Funding is used for comprehensive natural resource inventory and monitoring to detect changes that may signal problems.



NPS Natural Resource Preservation Program

The NRPP funds a variety of projects, excluding air, acid precipitation, water, and biological research. Buck Island Reef National Monument competed successfully for this funding to pursue exotic plant control actions on Buck Island.

NRPP Disturbed Land Restoration

The primary purpose of this program is the mitigation of natural resource impacts caused by human development. It supports actions to reestablish natural processes or to correct resource damage caused by development that has significantly altered the landscape structure and function. Examples include abandoned mine lands, abandoned or unauthorized roads, disrupted floodplains, wetlands or shoreline processes, and other abandoned developments or facilities. Fire rehabilitation and grazing lands are excluded from consideration. Site-specific activities may include mitigating soil conditions, reestablishing natural hydrologic patterns and native vegetation, and reestablishing critical habitat elements.

NRPP Threatened and Endangered Species Program

Funding is available for Final Recovery Action Plans that stabilize, improve, or reestablish populations of federally listed endangered or threatened species. The program excludes projects that are primarily research, survey, or monitoring oriented.

Parks as Classrooms

This program uses park resource-based activities for school children, adults groups, and teachers. Park study areas are used to enhance understanding of critical resource issues as well as off-site programs presented at schools and community organization facilities near parks. Local schools transport children to the park for the special programs.

Parks as Classrooms Natural Resources Match

This program provides funding to encourage interpretation to the public of critical natural resource management and research concerns.

U.S. Geological Survey Biological Resource Division – Park Oriented Biological Support

This program provides technical assistance in data gathering, data analysis, and technical support.

Parks also procure funding individually for projects through collaboration with other local, state, or federal agencies. Park-specific funding through other agencies is provided below if applicable for each park.

Annual Operating Funds or Park-Based Funding

Parks may also request funding for exotic plant management as part of their annual budget request. Base funding is the primary source of operation funds for the parks. Recurring funds are used for management, interpretation, visitor services, maintenance, and resource protection of NPS areas. Parks may request increases to the base through the Operations Formulations System.

