

**APPENDIX C – LISTED PLANT AND ANIMAL SPECIES KNOWN TO OCCUR AND WHICH MAY OCCUR ALONG THE MYAKKA RIVER**

**Table C-1 – Listed Plant Species**

Common Name	Scientific Name	Designated Status <sup>1</sup>		
		FDA <sup>2</sup>	FWS <sup>3</sup>	FNAI <sup>4</sup>
Golden Leather Fern	<i>Acrostichum aureum</i>	T	---	G5, S3
Curtiss' Milkweed	<i>Asclepias curtissii</i>	E	---	---
Florida Bonamia	<i>Bonamia grandiflora</i>	E	E	G3, S3
Manyflowered Grasspink	<i>Calopogon multiflorus</i>	E	---	G2, G3 S2, S3
Pigmy Fringetree	<i>Chionanthus pygmaeus</i>	E	E	G3, S3
Maidenberry	<i>Crossopetalum rhacoma</i>	T	---	G5, S3
Sanibel Island Lovegrass	<i>Eragrostis pectinacea</i> var. <i>tracyi</i>	E	---	G5T1, S1
Tampa Mock Vervain	<i>Glandularia tampensis</i>	E	---	G2, S2
Needleroot Airplant Orchid	<i>Harrisella porrecta</i>	T	---	---
Prickly Applecactus	<i>Harrisia aboriginum</i>	E	UR	G1, S1
Spiked Crested Coralroot	<i>Hexalectris spicata</i>	E	---	---
Drysand Pinweed	<i>Lechea divaricata</i>	E	---	G2, S2
Catesby's lily	<i>Lillium catesbaei</i>	T	---	---
Southern Twayblade	<i>Listera australis</i>	T	---	---
Florida Loosestrife	<i>Lythrum flagellare</i>	E	---	G1, S1
Florida Mayten	<i>Maytenus phyllanthoides</i>	E	E	---
Jamenson's Waterlily	<i>Nymphaea jamesoniana</i>	E	---	G2, S2
Erect Pricklypear	<i>Opuntia stricta</i>	T	---	---
Yellow Butterwort	<i>Pinguicula lutea</i>	T	---	---
Yellow Fringed Orchid	<i>Platanthera ciliaris</i>	T	---	---
Giant Orchid	<i>Pteroglossaspis ecristata</i>	T	---	G2G3, S3
Longbristle Beaksedge	<i>Rhynchospora megaplumosa</i>	T	---	G2, S2
Leafless Beaked Orchid	<i>Sacoila lanceolata</i>	T	---	---

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		<b>FDA<sup>2</sup></b>	<b>FWS<sup>3</sup></b>	<b>FNAI<sup>4</sup></b>
Leafy Beaked Ladiestresses	<i>Sacila lanceolata</i> var. <i>paludicola</i>	T	---	G4T1, S1
Longlip Ladiestresses	<i>Spiranthes longilabris</i>	T	---	---
Florida Keys Ladiestresses	<i>Spiranthes lucayana</i>	E	---	---
Little Ladiestresses	<i>Spiranthes tuberosa</i>	T	---	---
Northern Needleleaf	<i>Tillandsia balbisiana</i>	T	---	---
Cardinal Airplant	<i>Tillandsia fasciculata</i>	E	---	---
Giant Airplant	<i>Tillandsia utriculata</i>	E	---	---
Leatherleaf Airplant	<i>Tillandsia variabilis</i>	T	---	---
Rain Lily	<i>Zephyranthes simpsonii</i>	T	---	G2G3, S2S3

NOTES:

1. E = Endangered; T = Threatened, UR = Under Review

**FNAI GLOBAL RANK DEFINITIONS**

**G1** = Critically imperiled globally because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.

**G2** = Imperiled globally because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some natural or man-made factor.

**G3** = Either very rare and local throughout its range (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.

**G4** = Apparently secure globally (may be rare in parts of range).

**G5** = Demonstrably secure globally.

**G#T#** = Rank of a taxonomic subgroup such as a subspecies or variety; the G portion of the rank refers to the entire species and the T portion refers to the specific subgroup; numbers have same definition as above (e.g., G3T1).

**G#Q** = Rank of questionable species - ranked as species but questionable whether it is species or subspecies; numbers have same definition as above (e.g., G2Q).

**G#T#Q** = Same as above, but validity as subspecies or variety is questioned.

**FNAI STATE RANK DEFINITIONS**

**S1** = Critically imperiled in Florida because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.

<p><b>S2</b> = Imperiled in Florida because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some natural or man-made factor.</p> <p><b>S3</b> = Either very rare and local in Florida (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.</p> <p><b>S4</b> = Apparently secure in Florida (may be rare in parts of range).</p> <p><b>S5</b> = Demonstrably secure in Florida.</p>
2. Florida Department of Agriculture and Consumer Services
3. United States Fish and Wildlife Service (list published in List of Endangered and Threatened Wildlife and Plants, 50 CFR 17.11-12)
4. Florida Natural Areas Inventory
Sources: FNAI, 2009

**Table C-2 – Listed Animal Species**

Common Name	Scientific Name	Designated Status <sup>1</sup>			
		FWC <sup>2</sup>	FWS <sup>3</sup>	FNAI <sup>4</sup>	CITES <sup>5</sup>
<u>Amphibians and Reptiles</u>					
American alligator	<i>Alligator mississippiensis</i>	SSC	---	G5, S4	II
Eastern Indigo Snake	<i>Drymarchon corais couperi</i>	T	T	---	---
Gopher Tortoise	<i>Gopherus polyphemus</i>	T	---	---	II
Florida Pine Snake	<i>Pituophis melanoleucus mugitus</i>	SSC	---		
Florida Gopher Frog	<i>Rana areolata aesopus</i>	SSC	---	---	---
Six-lined Racerunner	<i>Cnemidophorus sexlineatus</i>	---	---	---	II
Common Box Turtle	<i>Terrapene Carolina</i>	---	---	---	II
<u>Mammals</u>					
Big Brown Bat	<i>Eptesicus fuscus</i>	---	---	G5, S3	---
Florida Bonneted Bat	<i>Eumops floridanus</i>	E	---	G1, S1	---
Florida Panther	<i>Felis concolor coryi</i>	E	E	---	I
River Otter	<i>Lutra canadensis</i>	---	---	---	II
Bobcat	<i>Lynx rufus</i>	---	---	---	II
Florida Long-tailed Weasel	<i>Mustela frenata peninsulae</i>	---	---	G5T3, S3	---
Round-tailed Muskrat	<i>Neofiber alleni</i>	---	---	G3, S3	---
Florida Mouse	<i>Podomys floridanus</i>	SSC	---	G3, S3	---
Florida Black Bear	<i>Ursus americanus floridanus</i>	T	---	G5T2, S2	---
Sherman's Fox Squirrel	<i>Sciurus niger shermani</i>	SSC	---	G5T3, S3	---
West Indian Manatee	<i>Trichechus manatus latirostris</i>	E	E	G2, S2	I
Bottlenosed Dolphin	<i>Tursiops truncatus</i>	---	---		II

Common Name	Scientific Name	Designated Status <sup>1</sup>			
		FWC <sup>2</sup>	FWS <sup>3</sup>	FNAI <sup>4</sup>	CITES <sup>5</sup>
<b>Birds</b>					
Bachman's Sparrow	<i>Aimophila aestivalis</i>	---	---	G3, S3	---
Roseate Spoonbill	<i>Ajaia ajaja</i>	SSC	---	G5, S2	---
Florida Scrub Jay	<i>Aphelocoma coerulescens coerulescens</i>	T	T	G2, S2	---
Limpkin	<i>Aramus quarauna</i>	SSC	---	G5, S3	---
Red Knot	<i>Calidris canutus rufa</i>	---	UR	---	---
Piping Plover	<i>Charadrius melodus</i>	T	T	G3, S2	---
Snowy Plover	<i>Charadrius alexandrinus</i>	T	---	G4, S1	---
Northern Harrier	<i>Circus cyaneus</i>	---	---	---	II
Mangrove Cuckoo	<i>Coccyzus minor</i>	---	---	G5, S3	---
Little Blue Heron	<i>Egretta caerulea</i>	SSC	---	G5, S4	---
Reddish Egret	<i>Egretta rufescens</i>	SSC	---	G4, S2	---
Snowy Egret	<i>Egretta thula</i>	SSC	---	G5, S3	---
Tri-colored Heron	<i>Egretta tricolor</i>	SSC	---	G5, S4	---
American Redstart	<i>Setophaga ruticilla</i>	---	---	G5, S2	---
Florida Great White Heron	<i>Ardea herodias occidentalis</i>	---	---	G5T2, S2	---
Great Egret	<i>Casmerodius albus</i>	---	---	G5, S4	---
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	---	---	G5, S3	---
Yellow-crowned Night Heron	<i>Nycticorax violaceus</i>	---	---	G5, S3	---
Least Bittern	<i>Ixobrychus exilis</i>	---	---	G5, S4	---
Glossy Ibis	<i>Plegadis falcinellus</i>	---	---	G5, S3	---
White Ibis	<i>Eudocimus albus</i>	SSC	---	G5, S4	---
Cooper's Hawk	<i>Accipiter cooperii</i>	---	---	G5, S3	II
Sharp-shinned Hawk	<i>Accipiter striatus</i>	---	---	---	II
Red-tailed Hawk	<i>Buteo jamaicensis</i>	---	---	---	II
Red-shoulder Hawk	<i>Buteo lineatus</i>	---	---	---	II
		<b>Designated Status<sup>1</sup></b>			

<u>Common Name</u>	<u>Scientific Name</u>	<b>FWC<sup>2</sup></b>	<b>FWS<sup>3</sup></b>	<b>FNAI<sup>4</sup></b>	<b>CITES<sup>5</sup></b>
Broad-winged Hawk	<i>Buteo platypterus</i>	---	---	---	II
Screech Owl	<i>Otus asio</i>	---	---	---	II
Great Horned Owl	<i>Bubo virginianus</i>	---	---	---	II
Barn Owl	<i>Tyto alba</i>	---	---	---	II
Barred Owl	<i>Strix varia</i>	---	---	---	II
Burrowing Owl	<i>Athene cunicularia</i>	SSC	---	G4T3, S3	II
American Avocet	<i>Recuvirostra americana</i>	---	---	G5, S2	---
Royal Tern	<i>Sterna maxima</i>	---	---	G5, S3	---
Sandwich Tern	<i>Sterna sandricensis</i>	---	---	G5, S2	---
Caspian Tern	<i>Sterna caspia</i>	---	---	G5, S2	---
Roseate Tern	<i>Sterna dougalli</i>	T	T	G4, S1	---
Least Tern	<i>Sterna antillarum</i>	T	---	G4, S3	---
Black Skimmer	<i>Rynchops niger</i>	SSC	---	G5, S3	---
Hairy Woodpecker	<i>Picoides villosus</i>	---	---	G5, S3	---
White-breasted Nuthatch	<i>Sitta carolinensis</i>	---	---	G5, S2	---
Worm-eating Warbler	<i>Helmitheros vermivorus</i>	---	---	G5, S1	---
Prairie Warbler	<i>Dendroica discolor paludicola</i>	---	---	G5T3, S3	---
Everglades Snail Kite	<i>Rostrhamus sociabilis plumbeus</i>	E	E	G4G5T3Q, S2	II
Swallow-tailed Kite	<i>Elanoides forficatus</i>	---	---	G5, S2	II
Merlin	<i>Falco columbarius</i>	---	---	G5, S2	II
Peregrine Falcon	<i>Falco peregrinus</i>	---	---	G4, S2	I
Southeastern American Kestrel	<i>Falco sparverius paulis</i>	T	---	G5T3, S3	II
Florida Sandhill Crane	<i>Grus praetensis</i>	T	---	G5T2T3, S2S3	---
American Oystercatcher	<i>Haematopus palliatus</i>	SSC	---	G5, S2	---
Bald Eagle	<i>Haliaeetus leucocephalus leucocephalus</i>	---	---	G5, S3	II
Wood Stork	<i>Mycteria americana</i>	E	E	---	---
Osprey	<i>Pandion haliaetus</i>	---	---	G5, S3S4	---
				<b>Designated Status<sup>1</sup></b>	

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Brown Pelican	<i>Pelecanus occidentalis</i>	SSC	---	G4, S3	---
Red-cockaded Woodpecker	<i>Picoides borealis</i>	SSC	E	G3, S2	---
Hairy Woodpecker	<i>Picoides villosus</i>	---	---	G5, S3	
Florida Grasshopper Sparrow	<i>Ammodramus savannarum</i>	E	E	G5T1, S1	---
Audubon's Crested Caracara	<i>Polyborus plancus audubonii</i>	T	T	G5, S2	---
Least Tern	<i>Sterna antillarum</i>	T	---	G4, S3	---
Gull-billed Tern	<i>Sterna nilotica</i>	---	---	G5, S2	
Roseate Tern	<i>Sterna dougallii dougallii</i>	---	T	G4, S1	---
Magnificent Frigatebird	<i>Fregata magnificens</i>	---	---	G5, S1	---
White-tailed Kite	<i>Elanus caeruleus majusculus</i>	---	---	G5, S1	---
Short-tailed Hawk	<i>Buteo brachyurus</i>	---	---	G4G5, S1	II
Black-whiskered Vireo	<i>Vireo altiloquus</i>	---	---	G5, S3	---
Florida Clapper Rail	<i>Rallus longirostis scottii</i>	---	---	G5T3?, S3?	---
Black Rail	<i>Laterallus jamaisensis</i>	---	---	G4, S2	---
Northern Bobwhite	<i>Colinus virginianus</i>	---	---	---	I
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	---	---	---	II
Painted Bunting	<i>Passerina ciris</i>	---	---	G5, S3	---
Louisiana Waterthrush	<i>Seiurus motacilla</i>	---	---	G5, S2	---

NOTES:

1. E = Endangered; T = Threatened; SSC = Species of Special Concern; UR = Under Review for Listing

I = Appendix I Species (threatened with extinction by international trade)

II = Appendix II Species (not threatened with extinction but trade must be controlled to avoid utilization incompatible with survival)

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2. Florida Fish and Wildlife Conservation Commission (list published in Section 68A-27.003-.005, FAC)

3. United States Fish and Wildlife Service (list published in List of Endangered and Threatened Wildlife and Plants, 50 CFR 17.11-12)

4. Florida Natural Areas Inventory

5. Convention on International Trade in Endangered Species of Wild Fauna and Floras

Sources: FWC, 2009; FWS, 2009; FNAI, 2009