

## **APPENDIX 10**

### **Species Lists**

# Shell Key Preserve Plant List

Scientific Name	Common Name(s)	Family	Nativity	Endemism	<sup>1</sup> FDA&CS Rank	<sup>2</sup> FLEPPC	<sup>3</sup> Govt Exotic
<i>Ambrosia artemisiifolia</i>	common ragweed	Asteraceae	Native				
<i>Andropogon glomeratus</i>	bushy bluestem	Poaceae	Native				
<i>Atriplex cristata</i>	sand atriplex, seabeach orach, crested saltbush	Amaranthaceae	Native				
<i>Avicennia germinans</i>	black mangrove	Avicenniaceae	Native				
<i>Baccharis halimifolia</i>	salt bush, groundsel tree, seamyrtle	Asteraceae	Native				
<i>Batis maritima</i>	salwort, turtleweed	Bataceae	Native				
<i>Bidens alba</i>	Spanish needles, beggericks, Romerillo	Asteraceae	Native				
<i>Blutaparon vermiculare</i>	marsh samphire, silverhead, samphire	Nyctaginaceae	Native				
<i>Boerhaavia diffusa</i>	red spiderling, wineflower	Asteraceae	Native				
<i>Borreria frutescens</i>	sea oxeye, sea daisies, bushy seaside oxeye	Asteraceae	Native				
<i>Buchnera americana</i>	American bluehearts	Fabaceae	Native				
<i>Caesalpinia bonduc</i>	gray nickerbean, gray nicker	Fabaceae	Native				
<i>Cakile lanceolata</i>	coastal searocket	Brassicaceae	Native				
<i>Casuarina equisetifolia</i>	Australian-pine, horsetail casuarina	Casuarinaceae	Non-native		I		P, N
<i>Cenchrus spinifex</i>	coast sandbur, coastal sandspur	Poaceae	Native				
<i>Chamaecrista nictitans</i> var. <i>aspera</i>	sensitive pea	Fabaceae	Native				
<i>Chamaesyce mesembrianthemifolia</i>	seaside spurge, woody spurge, coastal beach sandmat	Euphorbiaceae	Native				
<i>Chrysopsis</i> sp.	goldenaster	Asteraceae	Unknown	Unknown			
<i>Citrullus lanatus</i>	watermelon	Cucurbitaceae	Non-native				
<i>Coccoloba uvifera</i>	seagrape, seasidegrape	Polygonaceae	Native				
<i>Commelinia erecta</i>	whitemouth dayflower	Commelinaceae	Native				
<i>Conocarpus erectus</i>	buttonwood, button mangrove	Combretaceae	Native				
<i>Conyza canadensis</i>	Canadian horseweed	Asteraceae	Native				
<i>Croton punctatus</i>	beach tea, gulf croton	Euphorbiaceae	Native				
<i>Cucumis melo</i>	cantalope	Cucurbitaceae	Non-native				
<i>Cupaniopsis anacardioides</i>	carrotwood	Sapindaceae	Non-native				
<i>Cynanchum angustifolium</i>	coastal cynanchum, gulf coast swallowort	Apocynaceae	Native				
<i>Cyperus polystachyos</i>	Nuttall's cyperus, manyspike flatsedge	Cyperaceae	Native				
<i>Dactyloctenium aegyptium</i>	Durban crowfootgrass	Poaceae	Non-native				
<i>Delbergia ecastaphyllum</i>	coinvine	Fabaceae	Native				
<i>Dichondra carolinensis</i>	Carolina ponyfoot	Convolvulaceae	Native				
<i>Distichlis spicata</i>	salgrass, seashore saltgrass	Poaceae	Native				
<i>Dodonaea viscosa</i>	varnishleaf, Florida hobbush	Sapindaceae	Native				
<i>Emilia fosbergii</i>	Florida tasseflower	Asteraceae	Non-native				
<i>Erechtites hieracifolius</i>	fireweed, American burnweed	Asteraceae	Native				
<i>Eustachys petraea</i>	finger grass, 5-Stem, pinewoods fingergrass	Poaceae	Native				
<i>Eustoma exaltatum</i>	catchfly prairie-gentian, marshgentian	Gentianaceae	Native				
<i>Fimbristylis cymosa</i>	spike rush, hurricanegrass	Cyperaceae	Native				
<i>Fimbristylis spadicea</i>	salt marsh fimbriistylis, marsh fimbry	Cyperaceae	Native				
<i>Forestiera segregata</i>	Florida swampprivet	Oleaceae	Native				
<i>Gaillardia pulchella</i>	firewheel, gaillardia, blanketflower	Asteraceae	Native				
<i>Gaura angustifolia</i>	southern gaura, southern bleeblossom	Onagraceae	Native				
<i>Gomphrena serrata</i>	globe amaranth, arrasa con todo	Asteraceae	Native				
<i>Helianthus debilis</i> subsp. <i>vestitus</i>	beach sunflower, dune sunflower, west coast dune sunflower	Amaranthaceae	Non-native				
<i>Heliotropium curassavicum</i>	seaside heliotrope, salt heliotrope	Asteraceae	Native	Endemic			
<i>Heliotropium polyphyllum</i>	pineland heliotrope	Boraginaceae	Native				
<i>Heterotheca subaxillaris</i>	camphorweed	Boraginaceae	Native				
<i>Ipomoea imperati</i>	beach morning-glory	Convolvulaceae	Native				
<i>Ipomoea pes-caprae</i> subsp. <i>brasiliensis</i>	railroad-vine, baytops	Convolvulaceae	Native				
<i>Iva frutescens</i>	marsh-elder, bigleaf marsh-elder, bigleaf sumpweed	Convolvulaceae	Native				
<i>Iva imbricata</i>	beach elder, seacoast marshelder	Asteraceae	Native				

## Shell Key Preserve Plant List

Scientific Name	Common Name(s)	Family	Nativity	Endemism	<sup>1</sup> FDA&CS Rank	<sup>2</sup> FLEPPC	<sup>3</sup> Govt Exotic
<i>Juniperus virginiana</i>	red cedar	Cupressaceae	Native				
<i>Laguncularia racemosa</i>	white mangrove	Combretaceae	Native				
<i>Lantana involucrata</i>	lantana, wild sage, button sage	Verbenaceae	Native				
<i>Limonium carolinianum</i>	sealavender, Carolina sealavender	Plumbaginaceae	Native				
<i>Lycium carolinianum</i>	Christmasberry	Solanaceae	Native				
<i>Oenothera humifusa</i>	beach evening primrose	Onagraceae	Native				
<i>Opuntia stricta</i>	erect pricklypear, shell-mound pricklypear	Cactaceae	Native	T			
<i>Panicum amarum</i>	bitter panicum, beachgrass, bitter panicgrass	Poaceae	Native				
<i>Paspalum distichum</i>	creeping grass, knotgrass	Poaceae	Native				
<i>Paspalum vaginatum</i>	salt joint grass, seashore paspalum, seashore crowgrass	Poaceae	Native				
<i>Phyla nodiflora</i>	carpetweed, turkey-tangle fog-fruit, frog-fruit, capeweed	Verbenaceae	Native				
<i>Phyllanthus abnormis</i>	Drummond's leafflower	Euphorbiaceae	Native				
<i>Physalis walteri</i>	Walter's groundcherry	Solanaceae	Native				
<i>Phytolacca americana</i>	pokeberry, American pokeweed	Phytolaccaceae	Native				
<i>Pinus palustris</i>	longleaf pine	Pinaceae	Native				
<i>Pluchea odorata</i>	sweetflag	Asteraceae	Native				
<i>Poinsettia cyathophora</i>	paintedleaf, wild poinsettia, fire-on-the-mountain	Asteraceae	Native				N
<i>Poinsettia heterophylla</i>	fiddler's spurge, Mexican fireplant	Euphorbiaceae	Native				
<i>Polygala violacea</i>	showy milkwort	Polygalaceae	Native				
<i>Polypremum procumbens</i>	rustweed, juniperleaf	Tetrachondraceae	Native				
<i>Portulaca pilosa</i>	pink purslane, kiss-me-quick	Portulacaceae	Native				
<i>Quercus virginiana</i>	live oak	Fagaceae	Native				
<i>Rhizophora mangle</i>	red mangrove	Rhizophoraceae	Native				
<i>Sabal palmetto</i>	cabbage palm	Arecaceae	Native				
<i>Samolus ebracteatus</i>	water pimpernel, limewater brookweed	Primulaceae	Native				
<i>Sarcocornia perennis</i>	perennial glasswort, Virginia glasswort	Amaranthaceae	Native				
<i>Scaevola plumieri</i>	inkberry, beachberry, Plumier's half-flower, guilfeed	Goodeniaceae	Native	T			
<i>Scaevola taccada</i> var. <i>sericea</i>	half-flower, beach naupaka	Goodeniaceae	Non-native		I		N
<i>Schinus terebinthifolius</i>	Brazilian pepper	Anacardiaceae	Non-native		I		P, N
<i>Scoparia dulcis</i>	sweetbroom, licoriceweed	Veronicaceae	Native				
<i>Sesuvium portulacastrum</i>	sea-purslane, sea pickle, shoreline sea-purslane	Aizoaceae	Native				
<i>Solidago sempervirens</i>	seaside goldenrod	Asteraceae	Native				
<i>Spartina alterniflora</i>	smooth cordgrass, saltmarsh cordgrass, saltwater chordgrass	Poaceae	Native				
<i>Spartina patens</i>	marshay cordgrass, saltmeadow chordgrass	Poaceae	Native				
<i>Sporobolus virginicus</i>	Virginia dropseed, seashore dropseed	Poaceae	Native				
<i>Suaeda linearis</i>	sea blite, annual seepweed	Amaranthaceae	Native				
<i>Symphytichium tenuifolium</i>	perennial saltmarsh aster	Asteraceae	Native				
<i>Uniola paniculata</i>	sea oats	Poaceae	Native				
<i>Yucca aloifolia</i>	Spanish bayonet, aloe yucca	Agavaceae	Non-native				

<sup>1</sup> Florida Department of Agriculture and Consumer Services - Notes on Florida's Endangered and Threatened Plants - 4th Ed. - 2003

E = endangered

T = threatened

CE = commercially exploited

<sup>2</sup> Florida Exotic Pest Plant Council - 2005

I = Category I, species that are invading and disrupting native plant communities

II = Category II, species that have shown a potential to disrupt native plant communities

<sup>3</sup> Government Rank

P = prohibited by FL Dept Env. Protection - 1993

# Shell Key Preserve Plant List

Scientific Name

Common Name(s)

N = Noxious weed as listed by the FL Dept. of Agriculture & Consumer Services - 2006

<sup>1</sup>FDA&CS Rank    <sup>2</sup>FLEPPC    <sup>3</sup>Govt Exotic

Endermism

Nativity

Family

updated 8/24/2007 ACS

updated 8/23/2007 DS

updated 8/27/2007 DS/ACS

updated 8/29/2007 ACS

## Shell Key Preserve Bird List

Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<i>Recurvirostra americana</i>	American Avocet	S2		
<i>Botaurus lentiginosus</i>	American Bittern			
<i>Fulica americana</i>	American Coot			
<i>Pluvialis dominica</i>	European Golden-Plover			
<i>Carduelis tristis</i>	American Goldfinch			
<i>Falco sparverius</i>	American Kestrel			
<i>Haematopus palliatus</i>	American Oystercatcher	S2		SSC
<i>Setophaga ruticilla</i>	American Redstart	S2		
<i>Turdus migratorius</i>	American Robin			
<i>Pelecanus erythrorhynchos</i>	American White Pelican			
<i>Anhinga anhinga</i>	Anhinga			
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3		T
<i>Riparia riparia</i>	Bank Swallow			
<i>Hirundo rustica</i>	Barn Swallow			
<i>Megaceryle alcyon</i>	Belted Kingfisher			
<i>Rynchops niger</i>	Black Skimmer	S3		SSC
<i>Chlidonias niger</i>	Black Tern			
<i>Coragyps atratus</i>	Black Vulture			
<i>Pluvialis squatarola</i>	Black-bellied Plover			
<i>Dendroica fusca</i>	Blackburnian Warbler			
<i>Nycticorax nycticorax</i>	Black-crowned Night-Heron	S3		
<i>Himantopus mexicanus</i>	Black-necked Stilt			
<i>Dendroica striata</i>	Blackpoll Warbler			
<i>Dendroica caerulescens</i>	Black-throated Blue Warbler			
<i>Poliophtila caerulea</i>	Blue-gray Gnatcatcher			
<i>Vireo solitarius</i>	Blue-headed Vireo			
<i>Anas discors</i>	Blue-winged Teal			
<i>Quiscalus major</i>	Boat-tailed Grackle			
<i>Dolichonyx oryzivorus</i>	Bobolink			
<i>Larus philadelphia</i>	Bonaparte's Gull			
<i>Pelecanus occidentalis</i>	Brown Pelican	S3		SSC
<i>Molothrus ater</i>	Brown-headed Cowbird			
<i>Thryothorus ludovicianus</i>	Carolina Wren			
<i>Hydroprogne caspia</i>	Caspian Tern	S2		
<i>Bubulcus ibis</i>	Cattle Egret			
<i>Bombycilla cedrorum</i>	Cedar Waxwing			
<i>Spizella passerina</i>	Chipping Sparrow			
<i>Caprimulgus carolinensis</i>	Chuck-will's-widow			
<i>Rallus longirostris</i>	Clapper Rail	S3		
<i>Petrochelidon pyrrhonota</i>	Cliff Swallow			
<i>Columbina passerina</i>	Common Ground-Dove			
<i>Gavia immer</i>	Common Loon			
<i>Gallinago gallinago</i>	Common Snipe			
<i>Sterna hirundo</i>	Common Tern			
<i>Geothlypis trichas</i>	Common Yellowthroat			
<i>Accipiter cooperii</i>	Cooper's Hawk	S3		
<i>Phalacrocorax auritus</i>	Double-crested Cormorant			
<i>Calidris alpina</i>	Dunlin			

## Shell Key Preserve Bird List

Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<i>Sturnella magna</i>	Eastern Meadowlark			
<i>Sayornis phoebe</i>	Eastern Phoebe			
<i>Contopus virens</i>	Eastern Wood-Pewee			
<i>Streptopelia decaocto</i>	Eurasian Collared-Dove			
<i>Corvus ossifragus</i>	Fish Crow			
<i>Sterna forsteri</i>	Forster's Tern			
<i>Anas strepera</i>	Gadwall			
<i>Dumetella carolinensis</i>	Gray Catbird			
<i>Tyrannus dominicensis</i>	Gray Kingbird			
<i>Larus marinus</i>	Great Black-backed Gull			
<i>Ardea herodias</i>	Great Blue Heron			
<i>Ardea alba</i>	Great Egret	S4		
<i>Tringa melanoleuca</i>	Greater Yellowlegs			
<i>Butorides virescens</i>	Green Heron			
<i>Gelochelidon nilotica</i>	Gull-billed Tern	S2		
<i>Larus argentatus</i>	Herring Gull			
<i>Wilsonia citrina</i>	Hooded Warbler			
<i>Podiceps auritus</i>	Horned Grebe			
<i>Passer domesticus</i>	House Sparrow			
<i>Troglodytes aedon</i>	House Wren			
<i>Charadrius vociferus</i>	Killdeer			
<i>Larus atricilla</i>	Laughing Gull			
<i>Calidris minutilla</i>	Least Sandpiper			
<i>Sternula antillarum</i>	Least Tern	S3		T
<i>Larus fuscus</i>	Lesser Black-backed Gull			
<i>Tringa flavipes</i>	Lesser Yellowlegs			
<i>Egretta caerulea</i>	Little Blue Heron	S4		SSC
<i>Lanius ludovicianus</i>	Loggerhead Shrike			
<i>Numenius americanus</i>	Long-billed Curlew			
<i>Seiurus motacilla</i>	Louisiana Waterthrush	S2		
<i>Fregata magnificens</i>	Magnificent Frigatebird	S1		
<i>Dendroica magnolia</i>	Magnolia Warbler			
<i>Anas platyrhynchos</i>	Mallard			
<i>Limosa fedoa</i>	Marbled Godwit			
<i>Cistothorus palustris</i>	Marsh Wren			
<i>Falco columbarius</i>	Merlin	S2		
<i>Myiopsitta monachus</i>	Monk Parakeet			
<i>Anas fulvigula</i>	Mottled Duck			
<i>Zenaida macroura</i>	Mourning Dove			
<i>Ammodramus nelsoni</i>	Nelson's Sharp-tailed Sparrow			
<i>Cardinalis cardinalis</i>	Northern Cardinal			
<i>Morus bassanus</i>	Northern Gannet			
<i>Circus cyaneus</i>	Northern Harrier			
<i>Mimus polyglottos</i>	Northern Mockingbird			
<i>Parula americana</i>	Northern Parula			
<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow			
<i>Anas clypeata</i>	Northern Shoveler			
<i>Vermivora celata</i>	Orange-crowned Warbler			

## Shell Key Preserve Bird List

Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<i>Pandion haliaetus</i>	Osprey	S3S4		
<i>Dendroica palmarum</i>	Palm Warbler			
<i>Calidris melanotos</i>	Pectoral Sandpiper			
<i>Falco peregrinus</i>	Peregrine Falcon	S2		E
<i>Dryocopus pileatus</i>	Pileated Woodpecker			
<i>Charadrius melodus</i>	Piping Plover	S2	T	T
<i>Dendroica discolor</i>	Prairie Warbler			
<i>Progne subis</i>	Purple Martin			
<i>Calidris canutus</i>	Red Knot			
<i>Mergus serrator</i>	Red-breasted Merganser			
<i>Egretta rufescens</i>	Reddish Egret	S2		SSC
<i>Vireo olivaceus</i>	Red-eyed Vireo			
<i>Aythya americana</i>	Redhead			
<i>Agelaius phoeniceus</i>	Red-winged Blackbird			
<i>Larus delawarensis</i>	Ring-billed Gull			
<i>Columba livia</i>	Rock Pigeon			
<i>Platalea ajaja</i>	Roseate Spoonbill	S2		SSC
<i>Thalasseus maximus</i>	Royal Tern	S3		
<i>Arenaria interpres</i>	Ruddy Turnstone			
<i>Calidris alba</i>	Sanderling			
<i>Thalasseus sandvicensis</i>	Sandwich Tern	S2		
<i>Passerculus sandwichensis</i>	Savannah Sparrow			
<i>Cistothorus platensis</i>	Sedge Wren			
<i>Charadrius semipalmatus</i>	Semipalmated Plover			
<i>Calidris pusilla</i>	Semipalmated Sandpiper			
<i>Accipiter striatus</i>	Sharp-shinned Hawk			
<i>Limnodromus griseus</i>	Short-billed Dowitcher			
<i>Asio flammeus</i>	Short-eared Owl			
<i>Egretta thula</i>	Snowy Egret	S3		SSC
<i>Charadrius alexandrinus</i>	Snowy Plover	S1		T
<i>Puffinus griseus</i>	Sooty Shearwater			
<i>Actitis macularius</i>	Spotted Sandpiper			
<i>Calidris himantopus</i>	Stilt Sandpiper			
<i>Piranga rubra</i>	Summer Tanager			
<i>Catharus ustulatus</i>	Swainson's Thrush			
<i>Melospiza georgiana</i>	Swamp Sparrow			
<i>Vermivora peregrina</i>	Tennessee Warbler			
<i>Tachycineta bicolor</i>	Tree Swallow			
<i>Egretta tricolor</i>	Tricolored Heron	S4		SSC
<i>Cathartes aura</i>	Turkey Vulture			
<i>Calidris mauri</i>	Western Sandpiper			
<i>Numenius phaeopus</i>	Whimbrel			
<i>Eudocimus albus</i>	White Ibis	S4		SSC
<i>Vireo griseus</i>	White-eyed Vireo			
<i>Melanitta fusca</i>	White-winged Scoter			
<i>Tringa semipalmata</i>	Willet			
<i>Phalaropus tricolor</i>	Wilson's Phalarope			
<i>Charadrius wilsonia</i>	Wilson's Plover	S2		

## Shell Key Preserve Bird List

Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<i>Mycteria americana</i>	Wood Stork	S2	E	E
<i>Dendroica petechia</i>	Yellow Warbler			
<i>Coccyzus americanus</i>	Yellow-billed Cuckoo			
<i>Nyctanassa violacea</i>	Yellow-crowned Night-Heron	S3		
<i>Dendroica coronata</i>	Yellow-rumped Warbler			

<sup>a</sup> Nomenclature follows American Ornithologists' Union Check-list of North American Birds, Seventh Edition

<sup>b</sup> Florida Natural Areas Inventory - <http://www.fnai.org/trackinglist.cfm>

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.

S2 - 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.

S3 - 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.

S4 - Apparently secure in Florida (may be rare in parts of range).

<sup>c</sup> Federal Rank - <http://www.fws.gov/endangered/wildlife.html#Species>

E - Endangered

T - Threatened

T(S/A) - Threatened due to similarity of appearance to a species which is federally listed and enforcement has difficulty differentiating between listed and unlisted spp.

<sup>d</sup> State Rank - <http://myfwc.com/imperiledspecies/pdf/Endangered-Threatened-Special-Concern-2004.pdf> (29 Jan 2004)

E - Endangered

T - Threatened

SSC - Species of Special Concern



## Shell Key Preserve Amphibian and Reptile List

Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<b>Frogs and Toads</b>				
<b>Salamanders, Newts, and Sirens</b>				
<b>Crocodilians</b>				
<b>Lizards</b>				
<i>Anolis sagrei</i>	brown anole (exotic)			
<b>Turtles and Tortoises</b>				
<i>Caretta caretta</i>	loggerhead seaturtle	S3	T	T
<i>Chelonia mydas</i>	green seaturtle	S2	E	E
<i>Malaclemys terrapin</i>	diamond-backed terrapin	S4		
<b>Snakes - nonvenomous</b>				
<i>Coluber constrictor priapus</i>	Southern black racer			
<i>Elaphe obsoleta quadrivittata</i>	yellow ratsnake, chicken snake			
<i>Nerodia clarkii</i>	saltmarsh snake			
<b>Snakes - venomous</b>				

<sup>a</sup> Nomenclature follows the The Society for the Study of Amphibians and Reptiles Scientific and Standard English Names of Amphibians and Reptiles of North American North of Mexico, with Comments Regarding Confidence in Our Understanding (SSAR Circular Number 29; 2001) - <http://www.herplif.com/SSAR/circulars/HC29/Crother.html>

<sup>b</sup> Florida Natural Areas Inventory - <http://www.fnai.org/trackinglist.cfm>

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.

S2 - 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.

S3 - 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.

S4 - Apparently secure in Florida (may be rare in parts of range).

<sup>c</sup> Federal Rank - <http://www.fws.gov/endangered/wildlife.html#Species>

E - Endangered

T - Threatened

T(S/A) - Threatened due to similarity of appearance to a species which is federally listed and enforcement has difficulty differentiating between listed and unlisted spp.

<sup>d</sup> State Rank - <http://myfwc.com/imperiledspecies/pdf/Endangered-Threatened-Special-Concern-2004.pdf> (29 Jan 2004)

E - Endangered

T - Threatened

SSC - Species of Special Concern

Last updated 8/24/2007 SH, DS, ACS

## Shell Key Preserve Mammal List

Confidence	Scientific Name <sup>a</sup>	Common Name <sup>a</sup>	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
yes	<i>Procyon lotor</i>	Northern raccoon			
maybe	<i>Rattus rattus</i>	house rat			
yes	<i>Sylvilagus palustris</i>	marsh rabbit			
yes	<i>Trichechus manatus</i>	West Indian manatee	S2	E	E
yes	<i>Tursiops truncatus</i>	bottlenose dolphin			
No		"skunk"			

<sup>a</sup> Nomenclature follows *Mammal Species of the World* - Third Edition 2005 ;  
<http://nmnhgoph.si.edu/msw/>

<sup>b</sup> Florida Natural Areas Inventory - <http://www.fnai.org/trackinglist.cfm>

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.

S2 - 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.

S3 - 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.

S4 - Apparently secure in Florida (may be rare in parts of range).

<sup>c</sup> Federal Rank - <http://www.fws.gov/endangered/wildlife.html#Species>

E - Endangered

T - Threatened

T(S/A) - Threatened due to similarity of appearance to a species which is federally listed and enforcement has difficulty differentiating between listed and unlisted spp.

<sup>d</sup> State Rank - <http://myfwc.com/imperiledspecies/pdf/Endangered-Threatened-Special-Concern-2004.pdf> (29 Jan 2004)

E - Endangered

T - Threatened

SSC - Species of Special Concern

updated 8/24/2007 DS

Shell Key Preserve Fish Sampling September 2002 to August 2004 Species List

Family	Scientific Name	Common name
Penaeidae	<u>Farfantepenaeus duorarum</u>	brown shrimp
Portunidae	<u>Callinectes sapidus</u>	blue crab
Xanthidae	<u>Menippe mercenaria</u>	stone crab
Dasyatididae	<u>Dasyatis sabina</u>	Atlantic stingray
	<u>Gymnura micrura</u>	smooth butterfly ray
Clupeidae	<u>Brevoortia spp.</u>	menhaden
	<u>Harengula jaquana</u>	scaled sardine
	<u>Opisthonema oglinum</u>	Atlantic thread herring
Engraulidae	<u>Anchoa hepsetus</u>	striped anchovy
	<u>Anchoa mitchelli</u>	bay anchovy
	<u>Anchoa spp.</u>	anchovy
Ariidae	<u>Arius felis</u>	hardhead catfish
Synodontidae	<u>Synodus foetens</u>	inshore lizardfish
Batrachoididae	<u>Opsanus beta</u>	gulf toadfish
Gobiesocidae	<u>Gobiesox strumosus</u>	skilletfish
Exocoetidae	<u>Hyporhamphus unifasciatus</u>	silverstripe halfbeak
Belonidae	<u>Strongylura marina</u>	Atlantic needlefish
	<u>Strongylura notata</u>	redfin needlefish
	<u>Strongylura timucu</u>	timucu
	<u>Strongylura spp.</u>	needlefish
Cyprinodontidae	<u>Adinia xenica</u>	diamond killifish
	<u>Cyprinodon variegatus</u>	sheepshead minnow
	<u>Floridichthys carpio</u>	goldspotted killifish
	<u>Fundulus grandis</u>	gulf killifish
	<u>Fundulus majalis</u>	striped killifish
	<u>Lucania parva</u>	rainwater killifish
Poeciliidae	<u>Gambusia holbrooki</u>	eastern mosquitofish
	<u>Poecilia latipinna</u>	sailfin molly
Atherinidae	<u>Membras martinica</u>	rough silverside
	<u>Menidia spp.</u>	silverside
Syngnathidae	<u>Hippocampus zosterae</u>	dwarf seahorse
	<u>Hippocampus spp.</u>	
	<u>Syngnathus floridae</u>	dusky pipefish
	<u>Syngnathus louisianae</u>	chain pipefish
	<u>Syngnathus scovelli</u>	gulf pipefish
Triglidae	<u>Prionotus scitulus</u>	leopard searobin
	<u>Prionotus tribulus</u>	bighead searobin
Centropomidae	<u>Centropomus undecimalis</u>	common snook
Serranidae	<u>Centropristis striata</u>	black sea bass
	<u>Centropristis spp.</u>	
	<u>Diplectrum formosum</u>	sand perch
	<u>Diplectrum spp.</u>	
	<u>Mycteroperca microlepis</u>	gag
	<u>Serraniculus pumilio</u>	pygmy sea bass
Pomatomidae	<u>Pomatomus saltatrix</u>	bluefish
Carangidae	<u>Caranx hippos</u>	crevalle jack
	<u>Caranx spp.</u>	

Shell Key Preserve Fish Sampling September 2002 to August 2004 Species List

Family	Scientific Name	Common name
	<u>Chloroscombrus chrysurus</u>	Atlantic bumper
	<u>Oligoplites saurus</u>	leatherjack
	<u>Trachinotus falcatus</u>	permit
	<u>Trachinotus spp.</u>	
Lutjanidae	<u>Lutjanus griseus</u>	gray snapper
	<u>Lutjanus synagris</u>	lane snapper
Gerreidae	<u>Eucinostomus gula</u>	silver jenny
	<u>Eucinostomus harengulus</u>	tidewater jenny
	<u>Eucinostomus spp.</u>	
Haemulidae	<u>Haemulon plumieri</u>	white grunt
	<u>Orthopristis chrysoptera</u>	pigfish
Sparidae	<u>Archosargus probatocephalus</u>	sheepshead
	<u>Diplodus holbrooki</u>	spottail pinfish
	<u>Lagodon rhomboides</u>	pinfish
Sciaenidae	<u>Bairdiella chrysoura</u>	silver perch
	<u>Cynoscion nebulosus</u>	spotted seatrout
	<u>Leiostomus xanthurus</u>	spot
	<u>Sciaenops ocellatus</u>	red drum
Ephippidae	<u>Chaetodipterus faber</u>	Atlantic spadefish
Mugilidae	<u>Mugil cephalus</u>	striped mullet
	<u>Mugil curema</u>	white mullet
	<u>Mugil gyrans</u>	fantail mullet
	<u>Mugil spp.</u>	
Sphyraenidae	<u>Sphyraena spp.</u>	barracuda
Labridae	<u>Halichoeres spp.</u>	wrass
Blenniidae	<u>Chasmodes saburrae</u>	Florida blenny
Gobiidae	<u>Bathygobius soporator</u>	frillfin goby
	<u>Gobionellus boleosoma</u>	darter goby
	<u>Gobionellus spp.</u>	
	<u>Gobiosoma bosc</u>	naked goby
	<u>Gobiosoma robustum</u>	code goby
	<u>Gobiosoma spp.</u>	
	<u>Microgobius gulosus</u>	clown goby
	<u>Microgobius thalassinus</u>	green goby
Bothidae	<u>Paralichthys albigutta</u>	gulf flounder
Soleidae	<u>Achirus lineatus</u>	lined sole
	<u>Symphurus plagiusa</u>	blackcheek tonguefish
	<u>Trinectes maculatus</u>	hogchoker
Balistidae	<u>Aluterus schoepfi</u>	orange filefish
	<u>Monacanthus hispidis</u>	planehead filefish
	<u>Monacanthus spp.</u>	
Ostraciidae	<u>Lactophrys quadricornis</u>	scrawled cowfish
Tetradontidae	<u>Chilomycterus schoepfi</u>	striped burrfish
	<u>Sphoeroides nephelus</u>	southern puffer
	<u>Sphoeroides spp.</u>	

## Shell Key Preserve Lepidoptera List

Scientific Name <sup>a</sup>	Common Name	FNAI State Rank <sup>b</sup>	Federal Rank <sup>c</sup>	State Rank <sup>d</sup>
<b>Butterflies</b>				
<i>Battus polydamas</i>	Polydamas Swallowtail			
<i>Eurytides marcellus</i>	Zebra Swallowtail			
<i>Papilio polyxenes</i>	Black Swallowtail			
<i>Papilio cresphontes</i>	Giant Swallowtail			
<i>Papilio glaucus</i>	Eastern Tiger Swallowtail			
<i>Pontia protodice</i>	Checkered White			
<i>Ascia monuste*</i>	Great Southern White			
<i>Phoebis sennae</i>	Cloudless Sulphur			
<i>Phoebis philea</i>	Orange-barred Sulphur			
<i>Eurema daira</i>	Barred Yellow			
<i>Parrhasius m-album</i>	White M Hairstreak			
<i>Strymon melinus*</i>	Gray Hairstreak			
<i>Brephidium isopthalma*</i>	Eastern Pygmy Blue			
<i>Hemiargus ceraunus</i>	Ceraunus Blue			
<i>Agraulis vanillae</i>	Gulf Fritillary			
<i>Heliconius charithonia</i>	Zebra Heliconian			
<i>Vanessa virginiensis</i>	American Lady			
<i>Vanessa atalanta</i>	Red Admiral			
<i>Junonia evarete*</i>	Mangrove Buckeye			
<i>Anartia jatrophae</i>	White Peacock			
<i>Danaus plexippus</i>	Monarch			
<i>Danaus gilippus*</i>	Queen			
<i>Phocides pigmalion*</i>	Mangrove Skipper			
<i>Asbolis capucinus</i>	Monk Skipper			
<i>Panoquina panoquinoides*</i>	Obscure Skipper			
<b>Moths</b>				
<i>Utetheisa bella</i>	Bella Moth			
<i>Melanchroia chephise</i>	White-tipped Black Moth			

<sup>a</sup> Scientific names of Butterflies follows Butterflies of North America. 2. Scientific Names List for Butterfly Species of North America, north of Mexico, Paul A. Opler & Andrew D. Warren 2003; Scientific names of Moths follows Arthropods of Florida and Neighboring Land Areas Volume 17, Lepidoptera of Florida, Part 1 Introduction and Catalog, J. B. Heppner 2003.

<sup>b</sup> Florida Natural Areas Inventory - <http://www.fnai.org/trackinglist.cfm>

<sup>c</sup> Federal Rank - <http://www.fws.gov/endangered/wildlife.html#Species>

<sup>d</sup> State Rank - <http://myfwc.com/imperiledspecies/pdf/Endangered-Threatened-Special-Concern-2004.pdf> (29 Jan 2004)

\* Resident - reproduces on island, may be regularly observed throughout the year or may be only observed seasonally

Note - none of these species has any FNAI, Federal or State ranking

Last updated 8/30/2007 DS