

## Appendix A: Plant Sightings at Imperial Marsh Preserve

Scientific and common names obtained from Wunderlin and Hansen, 2003.

Scientific Name	Common Name	Native Status	EPPC	FDACS	IRC	FNAI
<b>Family: Azollaceae (mosquito fern)</b>						
<i>Azolla caroliniana</i>	mosquito fern	native			R	
<b>Family: Blechnaceae (midsorus fern)</b>						
<i>Blechnum serrulatum</i>	swamp fern	native				
<i>Woodwardia virginica</i>	Virginia chain fern	native			R	
<b>Family: Nephrolepidaceae (sword fern)</b>						
<i>Nephrolepis exaltata</i>	sword fern	native				
<b>Family: Osmundaceae (royal fern)</b>						
<i>Osmunda regalis</i>	royal fern	native		CE	R	
<b>Family: Polypodiaceae (polypody)</b>						
<i>Campyloneurum phyllitidis</i>	long strap fern	native			R	
<i>Phlebodium aureum</i>	golden polypody	native				
<i>Pleopeltis polypodioides</i>	resurrection fern	native				
<b>Family: Psilotaceae (whisk-fern)</b>						
<i>Psilotum nudum</i>	whisk-fern	native				
<b>Family: Pteridaceae (brake fern)</b>						
<i>Ceratopteris pteridoides</i>	water horn fern	native			CI	
<i>Ceratopteris thalictriodes</i>	watersprite	exotic				
<b>Family: Salviniaceae (floating fern)</b>						
<i>Salvinia minima</i>	water spangles	native				
<b>Family: Schizaeaceae (curly-grass)</b>						
<i>Lygodium microphyllum</i>	Old World climbing fern	exotic	I			
<b>Family: Thelypteridaceae (marsh fern)</b>						
<i>Thelypteris hispida</i>	hairy maiden fern	native				
<i>Thelypteris interrupta</i>	hottentot fern	native			R	
<b>Family: Vittariaceae (shoestring fern)</b>						
<i>Vittaria lineata</i>	shoestring fern	native				
<b>Family: Cupressaceae (cedar)</b>						
<i>Taxodium ascendens</i>	pond cypress	native				
<i>Taxodium distichum</i>	bald cypress	native				
<b>Family: Pinaceae (pine)</b>						
<i>Pinus elliotii</i> var. <i>densa</i>	south Florida slash pine	native				
<b>Family: Alismataceae (water plantain)</b>						
<i>Lemna obscura</i>	little duckweed	native			R	
<i>Lemna valdiviana</i>	valdivia duckweed	native				
<i>Sagittaria graminea</i> var. <i>graminea</i>	grassy arrowhead	native			R	
<i>Sagittaria lancifolia</i> subsp. <i>lancifolia</i>	bulltongue arrowhead	native				
<b>Family: Araceae (arum)</b>						
<i>Pistia stratiotes</i>	water lettuce	exotic	I			
<i>Wolffia columbiana</i>	Columbian watermeal	native				
<b>Family: Arecaceae (palm)</b>						
<i>Sabal palmetto</i>	cabbage palm	native				
<i>Serenoa repens</i>	saw palmetto	native				
<b>Family: Bromeliaceae (bromeliads)</b>						
<i>Tillandsia balbisiana</i>	northern needleleaf	native		T		
<i>Tillandsia fasciculata</i> var. <i>densispica</i>	cardinal airplant	native		E		
<i>Tillandsia paucifolia</i>	potbelly airplant	native				
<i>Tillandsia recurvata</i>	ball-moss	native				
<i>Tillandsia setacea</i>	southern needle leaf airplant	native				
<i>Tillandsia usneoides</i>	Spanish moss	native				

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<i>Tillandsia utriculata</i>	giant airplant	native		E		
<b>Family: Commelinaceae (spiderwort)</b>						
<i>Commelina diffusa</i> var. <i>diffusa</i>	common dayflower	exotic				
<b>Family: Cyperaceae (sedge)</b>						
<i>Cladium jamaicense</i>	Jamaica swamp sawgrass	native				
<i>Cyperus haspan</i>	haspan flatsedge	native				
<i>Cyperus odoratus</i>	fragrant flatsedge	native				
<i>Cyperus polystachyos</i>	manyspike flatsedge	native				
<i>Cyperus surinamensis</i>	tropical flatsedge	native				
<i>Eleocharis cellulosa</i>	gulf coast spikerush	native				
<i>Eleocharis interstincta</i>	knotted spikerush	native				
<i>Fimbristylis puberula</i>	hairy fimbry	native			I	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	native			R	
<i>Rhynchospora colorata</i>	starrush whitetop	native				
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	native			R	
<i>Rhynchospora filifolia</i>	threadleaf beaksedge	native			I	
<i>Rhynchospora microcarpa</i>	southern beaksedge	native			R	
<i>Rhynchospora pusilla</i>	fairy beaksedge	native			CI	
<i>Rhynchospora rariflora</i>	fewflower beaksedge	native			CI	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	native			R	
<i>Scleria lacustris</i>	Wright's nutrush	exotic	II			
<i>Scleria reticularis</i>	netted nutrush	native			R	
<b>Family: Eriocaulaceae (pipewort)</b>						
<i>Lachnocaulon minus</i>	Small's bogbutton	native				
<b>Family: Haemodoraceae (bloodwort)</b>						
<i>Lachnanthes carolina</i>	Carolina redroot	native				
<b>Family: Hypoxidaceae (yellow stargrass)</b>						
<i>Hypoxis juncea</i>	fringed yellow stargrass	native			R	
<b>Family: Iridaceae (iris)</b>						
<i>Iris hexagona</i>	Dixie iris	native			I	
<b>Family: Juncaceae (rush)</b>						
<i>Juncus megacephalus</i>	bighead rush	native			R	
<b>Family: Marantaceae (arrowroot)</b>						
<i>Thalia geniculata</i>	alligatorflag	native				
<b>Family: Orchidaceae (orchid)</b>						
<i>Habenaria floribunda</i>	toothpedal false reinorchid	native				
<i>Oeceoclades maculata</i>	monk orchid	exotic	II			
<b>Family: Poaceae (grass)</b>						
<i>Andropogon glomeratus</i>	chalky bluestem	native			R	
<i>Andropogon virginicus</i>	broomsedge bluestem	native			I	
<i>Aristida spiciformis</i>	bottlebrush threeawn	native			R	
<i>Aristida stricta</i>	wiregrass	native				
<i>Axonopus furcatus</i>	big carpetgrass	native				
<i>Cenchrus spinifex</i>	coastal sandbur	native				
<i>Cynodon dactylon</i>	Bermuda grass	exotic				
<i>Cyperus retrorsus</i>	pinebarren flatsedge	native			R	
<i>Dichantherium commutatum</i>	variable witchgrass	native			R	
<i>Dichantherium erectifolium</i>	erectleaf witchgrass	native			R	
<i>Eustachys petraea</i>	pinewoods fingergrass	native				
<i>Hemarthria altissima</i>	limpograss	exotic	II			
<i>Hymenachne amplexicaulis</i>	trompetilla	exotic	II			

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<i>Kyllinga odorata</i>	fragrant spikesedge	native			I	
<i>Oplismenus hirtellus</i>	woodsgrass	native				
<i>Panicum hemitomon</i>	maidencane	native				
<i>Panicum repens</i>	torpedograss	exotic	I			
<i>Panicum rigidulum</i>	redtop panicum	native				
<i>Paspalum conjugatum</i>	hilograss	native				
<i>Paspalum monostachyum</i>	gulfdune paspalum	native			R	
<i>Paspalum notatum</i>	bahiagrass	exotic				
<i>Rhynchelytrum repens</i>	rose natalgrass	exotic	I			
<i>Sacciolepis striata</i>	American cupscale	native			R	
<i>Setaria parviflora</i>	knotroot foxtail	native				
<i>Sporobolus indicus</i>	smutgrass	exotic				
<i>Stenotaphrum secundatum</i>	St. Augustine grass	native				
<b>Family: Pontederiaceae (pickerelweed)</b>						
<i>Heteranthera limosa</i>	blue mudplantain	exotic				
<i>Pontederia cordata</i>	pickerelweed	native				
<b>Family: Smilacaceae (smilax)</b>						
<i>Smilax auriculata</i>	earleaf greenbrier	native				
<i>Smilax bona-nox</i>	saw greenbrier	native			R	
<i>Smilax laurifolia</i>	laurel greenbrier	native				
<i>Smilax tamnoides</i>	bristly greenbrier	native			I	
<b>Family: Typhaceae (cattail)</b>						
<i>Typha latifolia</i>	broadleaf cattail	native			R	
<b>Family: Acanthaceae (acanthus)</b>						
<i>Blechnum pyramidatum</i>	Browne's blechnum	exotic	II			
<b>Family: Adoxaceae (moschatel)</b>						
<i>Viburnum obovatum</i>	Walter's viburnum	native			I	
<b>Family: Amaranthaceae (amaranth)</b>						
<i>Alternanthera philoxeroides</i>	alligatorweed	exotic	II			
<b>Family: Anacardiaceae (cashew)</b>						
<i>Schinus terebinthifolius</i>	Brazilian pepper	exotic	I			
<i>Rhus copallinum</i>	winged sumac	native				
<i>Toxicodendron radicans</i>	eastern poison ivy	native				
<b>Family: Annonaceae (custard-apple)</b>						
<i>Annona glabra</i>	pond apple	native				
<i>Asimina reticulata</i>	netted pawpaw	native				
<b>Family: Apiaceae (carrot)</b>						
<i>Ptilimnium capillaceum</i>	mock bishopsweed	native				
<b>Family: Apocynaceae (dogbane)</b>						
<i>Asclepias longifolia</i>	longleaf milkweed	native			R	
<i>Sarcostemma clausum</i>	white twinevine	native				
<b>Family: Aquifoliaceae (holly)</b>						
<i>Ilex cassine</i>	dahoon	native				
<i>Ilex glabra</i>	gallberry	native				
<b>Family: Araliaceae (ginseng)</b>						
<i>Centella asiatica</i>	spadeleaf	native				
<b>Family: Asteraceae (aster)</b>						
<i>Ambrosia artemisiifolia</i>	common ragweed	native				
<i>Baccharis halimifolia</i>	groundsel tree	native				
<i>Bidens alba</i>	beggerticks	native				
<i>Chaptalia tomentosa</i>	pineland daisy	native				

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<i>Cirsium horridulum</i>	purple thistle	native				
<i>Cirsium nuttallii</i>	Nuttall's thistle	native			I	
<i>Conyza canadensis</i>	Canadian horseweed	native				
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	native				
<i>Eclipta prostrata</i>	false daisy	native				
<i>Elephantopus elatus</i>	tall elephantsfoot	native			R	
<i>Emilia fosbergii</i>	Florida tasselflower	exotic				
<i>Erechtites hieraciifolius</i>	fireweed	native				
<i>Eupatorium capillifolium</i>	dogfennel	native				
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	native			R	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	native				
<i>Mikania scandens</i>	climbing hempvine	native				
<i>Pluchea odorata</i>	sweetscent	native				
<i>Pluchea rosea</i>	rosy camphorweed	native				
<i>Pseudognaphalium obtusifolium</i>	sweet everlasting	native			R	
<i>Pterocaulon pycnostachyum</i>	blackroot	native				
<i>Symphotrichum carolinianus</i>	climbing aster	native			R	
<b>Family: Bignoniaceae (trumpet creeper)</b>						
<i>Campsis radicans</i>	trumpet creeper	native			Cl	
<b>Family: Boraginaceae (borage)</b>						
<i>Heliotropium polyphyllum</i>	pineland heliotrope	native				
<b>Family: Cabombaceae (watershield)</b>						
<i>Cabomba caroliniana</i>	Carolina fanwort	native				
<b>Family: Chrysobalanaceae (coco plum)</b>						
<i>Chrysobalanus icaco</i>	coco plum	native				
<b>Family: Clusiaceae (mangosteen)</b>						
<i>Hypericum brachyphyllum</i>	coastalplain St. John's-wort	native			R	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	native				
<i>Hypericum fasciculatum</i>	peelbark St. John's-wort	native			R	
<i>Hypericum hypericoides</i>	St. Andrew's-cross	native				
<i>Hypericum mutilum</i>	dwarf St. John's wort	native			I	
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's-wort	native			Cl	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	native				
<b>Family: Cucurbitaceae (gourd)</b>						
<i>Melothria pendula</i>	creeping cucumber	native				
<i>Momordica charantia</i>	balsampear	exotic				
<b>Family: Droseraceae (sundew)</b>						
<i>Drosera</i> ssp.	sundew	native				
<b>Family: Ericaceae (heath)</b>						
<i>Lyonia fruticosa</i>	coastalplain staggerbush	native				
<i>Vaccinium myrsinites</i>	shiny blueberry	native				
<b>Family: Euphorbiaceae (spurge)</b>						
<i>Caperonia castaneifolia</i>	chestnutleaf falsecroton	native			I	
<i>Euphorbia polyphylla</i>	lesser Florida spurge	native				
<i>Stillingia aquatica</i>	corkwood	native			R	
<b>Family: Fabaceae (pea)</b>						
<i>Chamaecrista nictitans</i>	sensitive pea	native			Cl	
<i>Crotalaria pallida</i>	smooth rattlebox	exotic				
<i>Desmodium incanum</i>	zarzabacoa comun	exotic				
<i>Sesbania punicea</i>	rattlebox (purple sesban)	exotic	II			
<i>Sesbania vesicaria</i>	bladderpod	native			I	

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<i>Vigna luteola</i>	hairypod cowpea	native				
<b>Family: Fagaceae (beech)</b>						
<i>Quercus elliotii</i>	running oak	native			R	
<i>Quercus laurifolia</i>	laurel oak	native				
<i>Quercus virginiana</i>	Virginia live oak	native				
<b>Family: Gentianaceae (gentian)</b>						
<i>Sabatia grandiflora</i>	largeflower rosegentian	native			R	
<i>Sabatia stellaris</i>	rose-of-plymouth	native				
<b>Family: Haloragaceae (watermilfoil)</b>						
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	native			R	
<b>Family: Lamiaceae (mint)</b>						
<i>Hyptis alata</i>	musky mint	native				
<b>Family: Lauraceae (laurel)</b>						
<i>Cassytha filiformis</i>	love vine	native				
<i>Persea palustris</i>	swamp bay	native				
<b>Family: Lentibulariaceae (bladderwort)</b>						
<i>Pinguicula pumila</i>	small butterwort	native			R	
<i>Utricularia foliosa</i>	leafy bladderwort	native			R	
<i>Utricularia subulata</i>	zigzag bladderwort	native			R	
<b>Family: Linaceae (flax)</b>						
<i>Linum medium</i>	stiff yellow flax	native			R	
<b>Family: Loganiaceae (logania)</b>						
<i>Mitreola petiolata</i>	lax hornpod	native				
<b>Family: Lythraceae (loosestrife)</b>						
<i>Cuphea carthagenesis</i>	Colombian waxweed	exotic				
<i>Lythrum alatum</i>	winged loosestrife	native			R	
<b>Family: Malvaceae (mallow)</b>						
<i>Kosteletzkya virginica</i>	Virginia saltmarsh mallow	native				
<i>Melochia spicata</i>	bretonica peluda	native			I	
<i>Urena lobata</i>	caesarweed	exotic	II			
<b>Family: Melastomataceae (melastome)</b>						
<i>Rhexia mariana</i>	pale meadowbeauty	native			R	
<b>Family: Menyanthaceae (bogbean)</b>						
<i>Nymphoides aquatica</i>	big floating heart	native				
<b>Family: Moraceae (mulberry and figs)</b>						
<i>Ficus aurea</i>	strangler fig	native				
<b>Family: Myricaceae (bayberry)</b>						
<i>Myrica cerifera</i>	wax myrtle	native				
<b>Family: Myrsinaceae (myrsine)</b>						
<i>Rapanea punctata</i>	colicwood, myrsine	native				
<b>Family: Myrtaceae (myrtle)</b>						
<i>Melaleuca quinquenervia</i>	punktree	exotic	I			
<i>Psidium guajava</i>	guava	exotic	I			
<i>Rhodomyrtus tomentosa</i>	rose myrtle	exotic	I			
<i>Syzygium cumini</i>	Java plum	exotic	I			
<b>Family: Nymphaeaceae (waterlily)</b>						
<i>Nymphaea elegans</i>	tropical royalblue waterlily	native			I	
<b>Family: Onagraceae (eveningprimrose)</b>						
<i>Ludwigia erecta</i>	yerba de jicotea	native			I	
<i>Ludwigia maritima</i>	seaside primrosewillow	native			R	
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	native				

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<i>Ludwigia peruviana</i>	Peruvian primrosewillow	exotic				
<i>Ludwigia repens</i>	creeping primrosewillow	native				
<b>Family: Orobanchaceae (broomrape)</b>						
<i>Agalinis fasciculata</i>	beach false foxglove	native			R	
<i>Buchnera americana</i>	American bluehearts	native				
<b>Family: Oxalidaceae (woodsorrel)</b>						
<i>Oxalis corniculata</i>	common yellow woodworrel	native				
<b>Family: Polygalaceae (milkwort)</b>						
<i>Polygala grandiflora</i>	showy milkwort	native				
<i>Polygala lutea</i>	orange milkwort	native			I	
<i>Polygala rugelii</i>	yellow milkwort	native			I	
<b>Family: Polygonaceae (buckwheat)</b>						
<i>Polygonum hydropiperoides</i>	swamp smartweed	native				
<i>Polygonum punctatum</i>	dotted smartweed	native				
<b>Family: Rubiaceae (madder)</b>						
<i>Cephalanthus occidentalis</i>	common buttonbush	native				
<i>Diodia virginiana</i>	Virginia buttonwood	native			R	
<i>Psychotria nervosa</i>	wild coffee	native				
<i>Psychotria sulzneri</i>	shortleaf wild coffee	native				
<i>Spermacoce assurgens</i>	woodland false buttonwood	native				
<i>Spermacoce verticillata</i>	shrubby false buttonweed	exotic				
<b>Family: Salicaceae (willow)</b>						
<i>Salix caroliniana</i>	Carolina willow	native				
<b>Family: Sapotaceae (sapodilla)</b>						
<i>Sideroxylon reclinatum</i>	Florida bully	native			R	
<b>Family: Solanaceae (nightshade)</b>						
<i>Solanum viarum</i>	tropical soda apple	exotic	I			
<b>Family: Tetrachondraceae (tetrachondra)</b>						
<i>Polypremum procumbens</i>	rustweed	native				
<b>Family: Turneraceae (turnera)</b>						
<i>Piriqueta cistoides</i>	pitted stripeseed	native				
<b>Family: Urticaceae (nettle)</b>						
<i>Boehmeria cylindrica</i>	false nettle	native				
<b>Family: Verbenaceae (vervain)</b>						
<i>Phylla nodiflora</i>	capeweed	native				
<b>Family: Veronicaceae (speedwell)</b>						
<i>Bacopa caroliniana</i>	lemon bacopa	native				
<i>Bacopa monnieri</i>	herb-of-grace	native				
<i>Gratiola ramosa</i>	branched hedgehyssop	native				
<i>Lindernia crustacea</i>	Malaysian false pimpernel	exotic				
<i>Scoparia dulcis</i>	sweetbroom	native				
<b>Family: Violaceae (violet)</b>						
<i>Viola lanceolata</i>	bog white violet	native			I	
<b>Family: Vitaceae (grape)</b>						
<i>Ampelopsis arborea</i>	peppervine	native				
<i>Parthenocissus quinquefolia</i>	Virginia creeper	native				
<i>Vitis rotundifolia</i>	muscadine	native				

### Key

#### Florida EPPC Status

I = species that are invading and disrupting native plant communities

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

### **FDACS (Florida Department of Agriculture and Consumer Services)**

E = Endangered

T = Threatened

CE = Commercially Exploited

### **IRC (Institute for Regional Conservation)**

CI = Critically Imperiled

I = Imperiled

R = Rare

### **FNAI (Florida Natural Areas Inventory)**

G= Global Status

T= Threatened

CE= Commercially Exploited

1= Critically imperiled 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.

2= Imperiled 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.

3= Either very rare and local throughout its range (21-200 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.

4= Apparently secure

5= Demonstrably secure