



# A Summary of Biological Inventory Data Collected at Gulf Islands National Seashore

## *Vertebrate and Vascular Plant Inventories*

Natural Resource Technical Report NPS/GULN/NRTR—2010/398



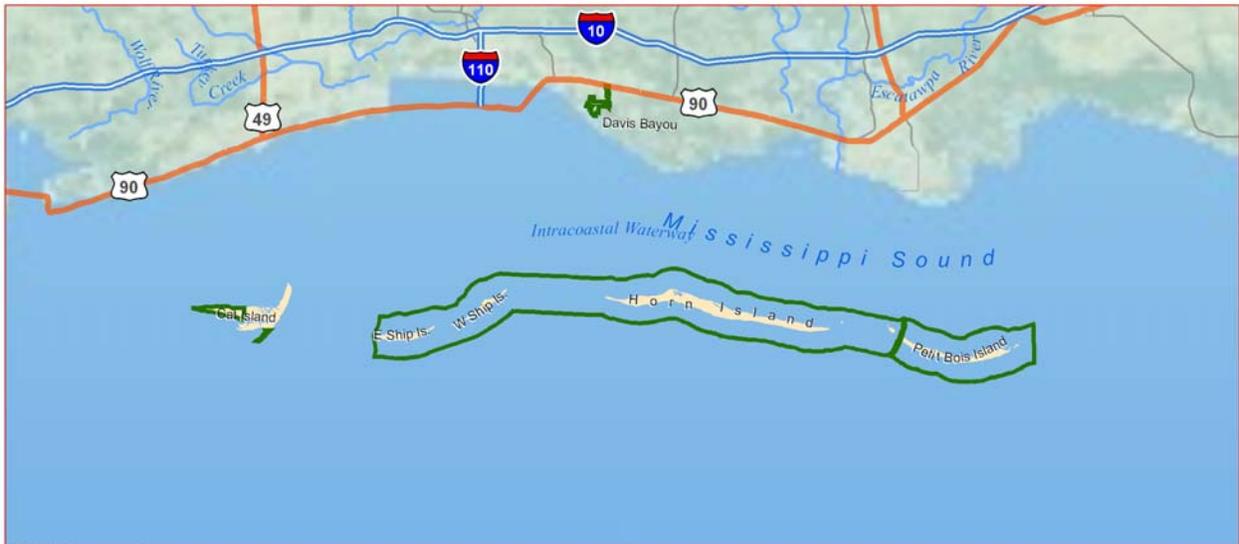
Gulf Islands National Seashore



# Gulf Islands National Seashore



Florida Unit



Mississippi Unit

Gulf Islands National Seashore (GUIS) consists of barrier islands, coastal mainland tracts, and their adjacent waters in northwest Florida and coastal Mississippi. The resources range from remote wilderness islands, to readily accessible recreational beaches and historic sites visited by millions of people each year. The resources and values that define the natural environment of GUIS include a diverse assemblage of wildlife, vegetative communities, and geological features and physical processes reflecting the complexity of the land/sea interface of the northeastern Gulf Coast. Seashore wildlife includes the wealth of aquatic and terrestrial species inhabiting estuarine systems. Mainland areas within the Seashore support a variety of plant communities while the barrier islands reflect the adaptive extremes of vegetative evolution. Throughout the Seashore the relationship of land and water is paramount. From ephemeral wetlands to Gulf front beaches, the natural processes shaping the coastal environment are present in their full diversity, where change is the only constant.



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October 2006





*Rana sphenocephala*  
at GUIs



*Trachemys scripta elegans* at  
GUIs



*Coluber constrictor*  
*priapus* at GUIs

**ON THE COVER** Gulf Islands National Seashore is a park rich in natural resources. There are sparkling blue waters, magnificent snowy-white beaches, fertile coastal marshes, and beautiful winding nature trails. Gulf Islands National Seashore includes barrier islands located immediately south of the Gulf Coastal shoreline. NPS photos.

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Gulf Coast Network  
National Park Service  
646 Cajundome Blvd. Room 175  
Lafayette, LA 70506

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The National Park Service, Natural Resource Program Center publishes a range of reports that address natural resource topics of interest and applicability to a broad audience in the National Park Service and others in natural resource management, including scientists, conservation and environmental constituencies, and the public.

The Natural Resource Data Series is intended for the timely release of basic data sets and data summaries. Care has been taken to assure accuracy of raw data values, but a thorough analysis and interpretation of the data has not been completed. Consequently, the initial analyses of data in this report are provisional and subject to change.

All manuscripts in the series receive the appropriate level of peer review to ensure that the information is scientifically credible, technically accurate, appropriately written for the intended audience, and designed and published in a professional manner.

Views, statements, findings, conclusions, recommendations, and data in this report do not necessarily reflect views and policies of the National Park Service, U.S. Department of the Interior. Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the U.S. Government.

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# Contents

	Page
Contents .....	iii
<b>Tables</b> .....	iv
Introduction.....	1
Methods.....	1
Results and Discussion .....	2
Discussion.....	23
Monitoring.....	23
Management .....	23
Literature Cited.....	24
NPSpecies <a href="https://science1.nature.nps.gov/npspecies/web/main/start">https://science1.nature.nps.gov/npspecies/web/main/start</a> Feb 4, 2009 .....	24
Appendix A. NPSpecies Data Dictionary.....	25

## Tables

	Page
<b>Table 1.</b> Count of organisms by Park Status categories at GUIIS (NPSpecies 2009).....	2
<b>Table 2.</b> Count of organisms by Abundance categories at GUIIS (NPSpecies 2009).....	3
<b>Table 3.</b> Count of organisms by Residency categories at GUIIS (NPSpecies 2009).....	3
<b>Table 4.</b> Count of organisms by Nativity categories at GUIIS (NPSpecies 2009).....	3
<b>Table 5.</b> Non-native plants occurring at Gulf Islands National Seashore with an Invasive Species Impact Rank (I-Rank). NatureServe 2009.....	5
<b>Table 6a.</b> Organisms on the park’s local list for Mississippi which possess a designated conservation status (State Status, State Rank, Federal Status or TNC Global Rank).....	15
<b>Table 6b.</b> Organisms on the park’s local list for Florida which possess a designated conservation status (State Status, State Rank, Federal Status or TNC Global Rank).....	18

## Introduction

Park managers are directed by federal law and National Park Service (NPS) policies to know the status and trends in the condition of natural resources under their stewardship in order to fulfill the NPS mission of conserving parks unimpaired. The National Park Service established the Inventory and Monitoring Program (I&M) in 1992 to provide funding, technical assistance, and coordination for more than 270 parks to complete 12 basic natural resource inventories and to begin monitoring the status and trend of park natural resources. As part of this effort, the I&M Program's Gulf Coast Network (GULN) completed several inventories of the vertebrate species and vascular plants at Gulf Islands National Seashore (GUIS). These efforts included cataloging all existing data, followed up by additional field investigations. The primary purpose of these inventories was to document the presence of resources in parks, and to assess and document the current condition and knowledge of natural resources in the parks. This report provides a summary of results. Results are also briefly discussed within the context of future inventory efforts, long-term monitoring, and management.

A natural resource **inventory** is an extensive point-in-time effort to document the presence, location or condition of a resource, including the status of plants, animals, and abiotic components such as water, soils, landforms, and climate. **Monitoring** differs from an inventory in adding the dimension of time, with the general purpose of detecting changes or trends in a resource over time.

## Methods

Prior to the initiation of any field investigation, an effort was made to assemble extant data on species occurrence at GUIS. This included searches of reference databases and vouchers, as well as a site visit to the park. Based on these investigations, inventories for several vertebrate and vascular plant groups at GUIS were determined to be incomplete. Consequently, inventories of fish (Bennett and Wilborn 2006), amphibians and reptiles (Mohrman and Qualls 2008), and vascular plants (Urbatsch 2009) were conducted on the park. The bird and mammal lists for the park was determined to be relatively complete, so no new inventories were conducted, but the species lists are summarized in this report along with the new inventories.

NPSpecies is the National Park Service's master database for documenting the occurrence and status of species in more than 270 national park units containing significant natural resources.

Data gathered from the initial reviews at GUIS and recent inventories were organized and entered in NPSpecies. Organism names were linked to the available evidence (reference, observation and/or voucher), quality checked, and made ready for review by individuals with expertise in the various taxa groups. The purpose of these reviews was to assign a park status (e.g., Present in Park, Probably Present, False Report, etc.) and complete a series of checklist fields for each organism (i.e., abundance, residency, nativity and cultivation). Upon completion of this step, data were considered certified and uploaded to a master, online version of NPSpecies on the NPS resource management application website (<http://NRInfo.gov>). This site

Recent inventory reports for GUIS are available on the GULN website at <http://science.nature.nps.gov/im/units/guln/>.

is currently restricted to NPS users and contractors, and records flagged as "sensitive" are not visible to users without edit permissions.

## Results and Discussion

Searches for past data and completion of recent inventory efforts resulted in 104 references, 9,733 vouchers, and 2,375 observations being entered into NPSpecies for GUIs. Based on a review of this evidence, 1,681 organisms were categorized as Present in Park or Probably Present (Table 1). An additional 467 organisms were categorized as Unconfirmed or Encroaching. Unconfirmed organisms were included on the park list primarily due to historic and/or weak evidence supporting its existence on the park. Encroaching species includes those organisms known to occur in the region, but that are unlikely to occur on the park, at least presently.

Currently 1,516 of the parks total 2,218 organisms are documented as Present in Park. Additionally, the percentage of total organisms Present in Park is 68%. However, if both categories, Present in Park and Probably Present are combined, then the number of documented organisms rises to 1,681. The percentage of Present in Park and Probably Present of total organisms is 76%. Thus, based on current data, the percentage of documented organisms occurring in GUIs is likely between 68 and 76%. The I&M goal was to document as many organisms occurring in the park as possible, be them previously unidentified, encroaching, possibly present, or Present in Park.

**Table 1.** Count of organisms by Park Status categories at GUIs (NPSpecies 2009).

Park Status <sup>1</sup>	Bird	Fish	Mammal	Amphibian	Reptile	Vascular Plant	Total
Present in Park	314	287	41	22	57	795	<b>1516</b>
Probably Present	1	121	2	-	2	39	<b>165</b>
Encroaching	-	-	-	-	-	-	<b>0</b>
Unconfirmed	5	153	38	21	27	223	<b>467</b>
Historical	-	1	1	3	4	3	<b>12</b>
False Report	-	18	1	3	1	35	<b>58</b>

<sup>1</sup> Refer to Appendix A for definitions of Park Status categories.

Of the 2,218 organisms documented, reviewers assigned a general abundance category (e.g. Abundant, Common, Uncommon, Rare, and Occasional) to 1,455 (66%) (Table 2). Reviewers believed additional information was needed before an abundance category could be assigned to the remaining 763 (34%) organisms (e.g. Unknown, Not Accounted for).

**Table 2.** Count of organisms by Abundance categories at GUIS (NPSpecies 2009).

<b>Abundance Category<sup>1</sup></b>	<b>Bird</b>	<b>Fish</b>	<b>Mammal</b>	<b>Amphibian</b>	<b>Reptile</b>	<b>Vascular Plant</b>	<b>Total</b>
Abundant	24	29	3	9	7	27	<b>99</b>
Common	88	123	14	6	9	111	<b>351</b>
Uncommon	77	67	11	4	11	236	<b>406</b>
Rare	62	14	8	-	7	421	<b>512</b>
Occasional	63	17	5	1	1	-	<b>29</b>
Unknown	-	37	-	2	22	-	<b>61</b>
Not Accounted for	6	293	42	27	34	300	<b>702</b>

<sup>1</sup> Refer to Appendix A for definitions of Abundance categories.

Residency values (e.g. Breeder, Resident, Migrant, and Vagrant) were assigned for 636 organisms with the exception of 1582 organisms that were categorized as unknown or not accounted for (8 birds, 328 fish, 42 mammals, 31 amphibians, 78 reptiles). Unknown and Not Accounted for residency values were assigned primarily because it was unclear as to whether or not the organism bred on the park. Also, residency was not established for the 1,095 vascular plants because residency values do not apply to vascular plants.

**Table 3.** Count of organisms by Residency categories at GUIS (NPSpecies 2009).

<b>Residency Category</b>	<b>Bird</b>	<b>Fish</b>	<b>Mammal</b>	<b>Amphibian</b>	<b>Reptile</b>	<b>Vascular Plant</b>	<b>Total</b>
Breeder	91	234	31	17	12	-	<b>385</b>
Resident	86	4	2	-	1	-	<b>93</b>
Migratory	80	10	3	-	-	-	<b>93</b>
Vagrant	55	4	5	1	-	-	<b>65</b>
Unknown	2	35	-	4	44	-	<b>85</b>
Not Accounted for	6	293	42	27	34	1095	<b>1497</b>

<sup>1</sup> Refer to Appendix A for definitions of Residency categories.

GUIS's local list includes 144 non-native organisms (i.e., 6 % of total). Of the 144 non-native organisms, there are 3 birds, 2 fish, 1 amphibian, 1 reptile, 5 mammals and the remaining 127 are vascular plants. In addition 148 fish, 39 mammals, 1 amphibian, 3 reptiles, and 2 vascular plants were assigned a nativity of unknown due to park status of unconfirmed and false reports.

**Table 4.** Count of organisms by Nativity categories at GUIS (NPSpecies 2009).

<b>Nativity Category<sup>1</sup></b>	<b>Bird</b>	<b>Fish</b>	<b>Mammal</b>	<b>Amphibian</b>	<b>Reptile</b>	<b>Vascular Plant</b>	<b>Total</b>
Native	317	430	34	47	87	966	<b>1881</b>
Non-Native	3	2	10	1	1	127	<b>144</b>
Unknown	-	148	39	1	3	2	<b>193</b>
Not Accounted for	-	-	-	-	-	-	<b>-</b>

<sup>1</sup> Refer to Appendix A for definitions of Nativity categories.

NatureServe, in cooperation with The Nature Conservancy and NPS, developed a protocol to rank the impact of non-native invasive vascular plants (Morse et al. 2004). Through a series of standardized questions, non-native species are evaluated and assigned an Invasive Species Impact Rank (I-Rank) based on impact to native species and natural biodiversity. I-Ranks are categorized as high, high/medium, high/low, medium, medium/low, medium/insignificant, low, low/insignificant, or insignificant. Fourteen of the non-native vascular plants on GUIS's local list

received an overall I-Rank score from NatureServe containing high (Table 5). All are known to occur in the park (i.e., Present in Park).

**Table 5.** Non-native plants occurring at Gulf Islands National Seashore with an Invasive Species Impact Rank (I-Rank). NatureServe 2009.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
alang-alang, blady grass, cogon grass, cogongrass, kunai, paillotte, santintail	<i>Imperata cylindrica</i>	High	High	High	A pest even in its native range, <i>Imperata cylindrica</i> alters ecosystem processes, community structure, and community composition. Creating a dense tall grass layer and thatch, it alters natural fire regimes to more severe fires and can drastically reduce native plant species diversity, especially in communities characterized by short, diverse herbaceous layers. It may also displace native species via allelopathy. It can destroy habitat for gopher tortoise ( <i>Gopherus polyphemus</i> ) and indigo snakes ( <i>Drymarchon corais couperi</i> ). <i>I. cylindrica</i> threatens a number of rare communities, such as sand hills and longleaf pine-wiregrass savannas. Reproduces vegetatively and by small wind-borne seed, and rapidly resprouts from even small pieces of cut rhizome. Control methods combine cutting and herbicide treatments that have high impact on non-target species. Requires many years of management to achieve control.
tallow tree	<i>Triadica sebifera</i>	High	High	High/Medium	Aggressive weed tree of the southeastern U.S. and also spreading in California. Capable of transforming important natural communities ranging from coastal prairies, marshes, and bottomland forests, into monospecific Chinese tallow forests. Alters soil chemistry such that the species may be self-perpetuating once established
common water hyacinth, common water-hyacinth, floating water hyacinth, floating water hyacinth, jacinthe d'eau, jacinto de agua, water hyacinth	<i>Eichhornia crassipes</i>	High	High/Medium	High	Water hyacinth, <i>Eichhornia crassipes</i> , is considered by many to be the "world's worst weed," even though it's range does not spread throughout the U.S.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
common cat's-ear, false dandelion, frogbit, gosmore, hairy cat's ear, hairy catsear, spotted catsear	<i>Hypochaeris radicata</i>	High/Low	High/Low	Unknown	<i>Hypochaeris radicata</i> is widespread across the U.S. It occurs mainly on disturbed sites. However, it has invaded several montane and subalpine communities in Hawaii and is favored by feral pigs there, which dig up large areas searching for the roots. In California, it is widespread in coastal grasslands and wetlands and has been observed to replace native plants. Apparently most impacts to biodiversity are in Hawaii and California but more information is needed. <i>Hypochaeris radicata</i> strongly competes with native species and forms extensive colonies that shade out native grasses and forbs, and prevent the establishment of shrubs and trees. <i>Hypochaeris radicata</i> has aggressive reproductive characteristics including producing over 2000 achenes per plant, and regenerating rapidly from the crown of the taproot after fire. More information about its management difficulty is needed.
Meadow Fescue	<i>Lolium pratensis</i>	High/Low	Medium/Low	High/Low	<i>Lolium pratense</i> occurs in every U.S. state except Hawaii. It is a tall coarse perennial grass that grows in heavy clumps and often forms dense stands that may crowd out native species. It produces allelopathic substances that inhibit the growth of competing plants. <i>Lolium pratense</i> is planted for pasture, hay, and erosion control. It has established in abandoned fields, meadows, pastures, roadsides, grazed woods, levees, stream banks, and in open natural communities such as prairies and glades. Apparently it usually occurs in disturbed areas and has negative impacts on biodiversity in a small portion of the area it has invaded but more information is needed. <i>Lolium pratense</i> is slow to establish but once the clumps are formed it is difficult to eradicate. Mechanical methods are virtually useless in controlling it because of the thick root system and vegetative reprofing.
mimosa, mimosa tree, powderpuff tree, silk tree, silktree	<i>Albizia julibrissin</i>	High/Low	High/Low	Medium/Low	Often a plant of human-disturbed areas (roadsides, etc.), but also affects naturally scoured riparian areas and forest edges. It is having some serious impacts on biodiversity in parts of the southeastern U.S.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
buckhorn plantain, English plantain, lanceleaf Indianwheat, lanceleaf plantain, narrowleaf plantain, ribgrass, ribwort	<i>Plantago lanceolata</i>	High/Low	High/Low	High/Low	<i>Plantago lanceolata</i> is very widespread. It occurs in every U.S. state and the District of Columbia. It occurs on all of the main Hawaiian islands except Hihau and Kahoolawe. <i>Plantago lanceolata</i> commonly occurs in disturbed areas such as roadsides, waste places, and pastures as well as in manicured areas such as lawns, gardens, and cultivated fields. However, it can also invade native grasslands. In the San Francisco area of California, it occurs in coastal grasslands and is outcompeting native species including at least one plant species of conservation significance. It may also impact biodiversity in Hawaii in subalpine shrubland and mesic forest communities. <i>Plantago lanceolata</i> rapidly colonizes open areas and forms dense swards that crowd out native vegetation and prevent the establishment of native species. It has seeds that may remain viable in the soil for 10 years. It is not known to invade intact vegetation but more information is needed. More information is also needed about its negative impacts across the region and its trends.
heavenly bamboo, nanten, sacred bamboo	<i>Nandina domestica</i>	High/Low	High/Medium	Unknown	<i>Nandina domestica</i> , or Heavenly Bamboo, is a common garden ornamental that is escaping from cultivation in the southeastern United States and invading natural areas. This species has invaded states along the Atlantic coast from Virginia south to Florida and west to Texas. It has invaded natural areas in Florida, Alabama, Georgia and Texas. This small shrub is reported to be forming dense groves in some parts of Florida where it is displacing native vegetation including two rare native species. It does appear to be spreading at least locally in Florida and Texas. <i>N. domestica</i> produces many bright red berries that are attractive to birds that disperse the seeds. Overall, this species appears to be quite problematic in Florida, however, throughout much of its generalized range it doesn't appear as aggressive. It should certainly be watched given that it occurs in both wet and drier habitats, including floodplains and woodlands.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
couch panicum, creeping panic, panic rampant, torpedo grass, torpedograss, wainaku grass	<i>Panicum repens</i>	High/ Medium	Medium/Low	High/Medium	<i>Panicum repens</i> has long rhizomes and forms dense monocultures that displace native species. It is particularly problematic in and near wetlands along the gulf coast. Habitats it invades include coastal beaches, the shores of lakes and ponds, grassland, riparian habitats, wetland margins, shallow water bodies, marshes, coastal swales, and wet disturbed sites. It is also a problem in non-natural areas such as golf courses, citrus groves, sugarcane fields, and irrigation canals. <i>Panicum repens</i> spreads vegetatively and even small fragments can establish and quickly form dense stands. <i>Panicum repens</i> is common in Florida and along the gulf coast but rare in other southeastern states. It is also established on 4 Hawaiian islands. It is apparently not yet naturalized in California. Management of <i>Panicum repens</i> is difficult. Repeated herbicide treatment is necessary.
aleppo milletgrass, herbe de Cuba, Johnson grass, Johnson grass, sorgho d'Alep, sorgho de alepo, zacate Johnson	<i>Sorghum halepense</i>	High/ Medium	Medium/Low	High/Medium	Johnson grass has been shown to severely inhibit pioneer grass species which normally appear in abandoned fields and can persist in almost pure stands for many years. The massive size (up to 3 m tall) of this plant creates difficulties for the establishment of other plants and rapid growth of rhizomes also provides the plant with a competitive edge over other species. It is one of the most frequently listed noxious weeds in the U.S. and occurs throughout the entire southern half of the country. The plant is self-pollinated, aggressive, and wind dispersed though humans often disperse it during field cultivation. Although it can colonize undisturbed sites as a pioneer species, it is often found in old fields or previously cultivated areas. Control is difficult and costly and, although some selective herbicides have been developed, such treatment usually impacts natives.
Chinese honeysuckle, Japanese honeysuckle	<i>Lonicera japonica</i>	High /Medium	Medium	High/Medium	<i>Lonicera japonica</i> can have extremely negative consequences for forest communities and forest structure. Few effective control methods known.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
Japanese climbing fern	<i>Lygodium japonicum</i>	High/ Medium	High/Medium	Medium	A climbing fern established in the southeastern United States (mostly on the coastal plain, NC to e. TX, south to FL and north to s. AR) and in Hawaii (big island and Oahu); invades a variety of habitats including mesic upland forests, mesic to wet flat woods, bottomland forests, cypress swamps, hydric hammocks, and riparian communities. Most problematic along the Gulf coast and in Florida. Although generally scattered throughout the landscape, it sometimes occurs in dense infestations where it can form mats that smother native understory vegetation. In some of these dense infestations, mats ascend to the upper vegetation layers to smother tall shrubs and trees, which can eventually result in complete dominance of the habitat. High-climbing fronds can function as fire ladders, conducting fire into the canopy where it can kill native dominants. Spreads by rhizomes and spores; spores dispersed long distances by wind and contamination. Spreading south through Florida. Control can be achieved by pulling vines from the trees and treating them with a foliar herbicide; it is generally considered difficult. In general, <i>Lygodium japonicum</i> is not considered to be as serious of a threat to entire forests as its congener <i>L. microphyllum</i> ; however, <i>L. microphyllum</i> currently has a much smaller U.S. range, established only in central and southern Florida.
Chinese privet, common chinese privet	<i>Ligustrum sinense</i>	High/ Medium	Medium	Low	<i>Ligustrum sinense</i> alters community structure and composition by creating a dense shrub layer that shades plant species in lower layers. It threatens the globally rare and federally endangered plant Schweintz's sunflower ( <i>Helianthus schweinitzii</i> ). It is reported as invasive in six Southeastern states, where it can infest pinelands, hammocks, river and stream floodplains, lake shores, edges of swamps and marshes, bottomland forests, and woodlands. <i>L. sinense</i> produces large quantities of fruit, which are eaten by birds. It may be controlled in three to five years using a combination of mechanical and chemical treatments.
mulberry, white mulberry	<i>Morus alba</i>	High/ Medium	Medium/Low	Medium/Low	Impacts of this species largely occur at the native species level except where stands are dense and prevent native forest regeneration. This species spreads/carries disease that kills native red mulberry, itself considered an endangered species in Canada. White mulberry also hybridizes readily with native red mulberry and, with time, could eliminate native genetic strains and come to replace native red mulberry in the United States. It is already distributed throughout most of the United States except the southwest and Alaska but is considered particularly invasive in the northeast and Wisconsin. It is easily spread by birds and mammals and has moderate capability of invading undisturbed areas. Control is not difficult although success over time has not been evaluated.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
Chinese mustard, India mustard, Indian mustard	<i>Brassica juncea</i>	Insignificant	Unknown	Unknown	<i>Brassica juncea</i> is a widespread exotic species known from every state in the US, including Hawaii, the Virgin Islands and Puerto Rico. This species is a crop plant grown as a vegetable or for oil. It is not clear, however, that it has invaded natural habitats or conservation areas. It has escaped to waste places, fields, road sides and other disturbed areas. The Plant Conservation Alliance alien list notes that it occurs in a natural area in Lake Mead National Park, Nevada (2003). The park website does not mention this species on its plant list. This species is a noxious weed in Michigan, Oklahoma and Massachusetts, however, there isn't evidence to suggest that this species spreads into conservation areas. No reports to that effect were found. Also, the Michigan Flora says "[It is] much less common than often supposed (or misidentified!), perhaps declining as a result of stricter control of agricultural seed quality (reducing contaminants) and improved cultivation methods.
rescue brome, rescue grass, rescuegras, rescuegrass	<i>Bromus catharticus</i>	Insignificant	Unknown	Unknown	<i>Bromus catharticus</i> is found in waste places, open, generally disturbed places, lawns, gardens, roadsides, ditch banks, and small grain winter crops. Labeled as a plant species that spreads in or near disturbed areas and are not presently considered a threat to native plant communities.
chickweed, common chickweed, nodding chickweed	<i>Stellaria media</i>	Low	Low/ Insignificant	Medium/Low	<i>Stellaria media</i> is an extremely widespread and common species in the United States and throughout the world. It prefers cooler, more humid climates, tolerating very low temperatures and shade but being notably sensitive to drought. It is found predominantly in open disturbed areas (e.g. lawns, gardens, and agricultural fields, roadsides) and additionally in more grassland-like communities and in (often disturbed) upland forests. This species is a prolific seed producer and can continue reproduction through the winter in many areas of the U.S., allowing it to reach high abundances. However, it is not a strong competitor and does not appear to have significant effects on the composition of natural communities. Additionally, this species appears dependent upon continual or periodic soil disturbance and is replaced by perennial communities when the disturbance ceases. Mechanical management methods are not very effective, but the species can be controlled by some commonly-used herbicides.
common lespedeza, Japanese clover	<i>Kummerowia striata</i>	Low	Low	Medium/ Insignificant	Planted for forage and soil improvement. Mainly found in disturbed areas especially pastures, old fields, roadsides, and waste areas. Fixes nitrogen and is highly competitive on infertile sites but is usually overgrown by other pioneers in a few years. It can thrive in some prairies and open woodlands. Scattered throughout most of the eastern U.S. but apparently having low impacts in most areas.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
oleander	<i>Nerium oleander</i>	Low/Insignificant	Low/Insignificant	High/Low	<i>Nerium oleander</i> is widely recognized for its extremely poisonous qualities. Therefore it is often considered a 'bad' plant. There is also some anecdotal evidence on gardening forums that the "red" and "white" oleanders are very invasive. Given the over 400 cultivars of <i>N. oleander</i> , it is not surprising that a range of seed viability and establishment within gardens exists. Despite these two characteristics, it is virtually unknown from natural areas, colonizing primarily along stream banks and riparian corridors. There is no recommended method for removal at this time.
alligator weed, alligator weed, pig weed	<i>Alternanthera philoxeroides</i>	Medium	High/Medium	Medium	<i>Alternanthera philoxeroides</i> can alter ecosystem processes such as water flow, levels of dissolved oxygen, and rates of sedimentation. It severely impacts community structure and composition, creating a new dense layer that outcompetes other species for light. <i>A. philoxeroides</i> invades a wide variety of aquatic communities and some adjacent terrestrial habitats. Its reproductive strategies and dispersal by water currents and human activities also contribute to its overall invasiveness rank. Management using herbicide treatments require more than five years to achieve control.
italian ryegrass, perennial rye grass, perennial ryegrass	<i>Lolium perenne</i>	Medium	Medium	Medium/ Insignificant	<i>Lolium perenne</i> occurs in all 50 states and the District of Columbia. It is used as a lawn and pasture grass. <i>Lolium perenne</i> often escapes on roadsides and in disturbed areas. It also invades grasslands, meadows, and vernal pools, especially in California. Apparently most of its negative impacts on biodiversity are in California. <i>Lolium perenne</i> can spread quickly and forms dense swards that displace native species. It threatens a federally threatened butterfly in serpentine grassland in California because it displaces the butterfly's primary larval food plant. Depending on environmental conditions, <i>Lolium perenne</i> may behave as an annual, biennial, short-lived perennial, or perennial. Seed production is prolific. Several management techniques are effective in controlling <i>Lolium perenne</i> including burning, mowing, grazing, and herbicides. <i>Lolium perenne</i> includes both <i>Lolium perenne</i> ssp. <i>multiflorum</i> (often called <i>L. multiflorum</i> ) and <i>Lolium perenne</i> ssp. <i>perenne</i>

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
Chinese lespedeza, sericea lespedeza	<i>Lespedeza cuneata</i>	Medium	Medium	Medium	<i>Lespedeza cuneata</i> may alter ecosystem processes by reducing water availability, fixing nitrogen on nutrient-poor sites, and altering sedimentation patterns in rocky areas along rivers. It alters community structure and composition by forming a dense monotypic herb layer that reduces plant and invertebrate diversity. Allelopathic, it can also suppress forest regeneration. In addition, it is a known threat to globally rare communities and plant species on river scour prairies in West Virginia. <i>L. cuneata</i> is found in half the continental U.S. and Hawaii. Expanding within the western edge of its range, it is spread by seed in wildlife plantings and accidental introduction into native seed mixes. It also spreads vegetatively, and benefits from disturbance, including fire. Seed bank may be viable for up to twenty years. Once established, the possibility for eradication is very low, requiring more than five years of management.
rattlebox, rattlebox	<i>Sesbania punicea</i>	Medium	Medium	Medium/Low	Established in California and in the southeast, where it seems to be most problematic in southern/coastal Georgia and northern Florida. Recently discovered and currently spreading rapidly in native riparian communities of California, where it is a cause of significant concern. In addition to riparian communities and moist disturbed areas, this species has been documented from a variety of other wetland types (predominantly in the southeast), including freshwater and tidal marshes, reverie sand and gravel bars, savannahs and open wet pinelands, and swamps (incl. coastal swamps). This species forms dense thickets which can suppress and replace native vegetation; thickets often have no understory and create conditions favoring the continued regeneration and dominance of this species. These thickets can also influence river ecosystem processes such as water flow, frequency and intensity of flooding, and bank erosion.
barnyard grass, barnyard grass, cockspur, Japanese millet, large barnyard grass, water grass	<i>Echinochloa crusgalli</i>	Medium/ Insignificant	Low/ Insignificant	Unknown	There are two varieties of <i>Echinochloa crus-galli</i> with the typical variety causing more concern to natural areas than <i>var. oryxicola</i> . However, given its status as a pioneer species, it is unlikely to persist at a site once disturbance ceases. A high proportion of invaded sites are associated with agriculture. A further twist is associated with ongoing evolution in <i>E. crus-galli</i> , a population (outside U.S.) has evolved a mechanism that allows it to survive colder temperatures. This population should be watched for signs of invasion.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
annual blue grass, annual bluegrass, walkgrass	<i>Poa annua</i>	Medium/ Insignificant	Medium/ Insignificant	High/Low	<i>Poa annua</i> occurs in every U.S. state and is apparently widespread within each state. <i>Poa annua</i> is often a lawn and garden weed and is also characteristic of unstable and disturbed situations. In addition to manicured areas it also occurs on roadsides, waste ground, trails in woods, clearings, shores, and stream banks. In Kentucky, it is listed as a lesser threat which is defined as an exotic plant species that seems to principally spread and remain in disturbed corridors and does not readily invade natural areas. <i>Poa annua</i> occurs in Indiana Dunes National Lakeshore, Grand Canyon National Park, and Channel Islands National Park. In Grand Canyon National Park, it occurs in areas that have been disturbed within the last 10 years, is associated with early successional species, and shows little or no invasion of native communities. It is not considered to be a strong competitor with established plants. Apparently its impacts on native species are low but more information is needed.
black medic, black medic clover, black medick, hop clover, hop medic, nonesuch, yellow trefoil	<i>Medicago lupulina</i>	Medium/ Insignificant	Medium/ Insignificant	Unknown	Although common throughout the US, <i>Medicago lupulina</i> tends to inhabit disturbed areas like roadsides, pastures and lawns.
annual yellow sweetclover, Indian sweet-clover	<i>Melilotus indicus</i>	Medium/ Insignificant	Low/ Insignificant	High/Low	This taxon is much less well studied than the more common <i>Melilotus</i> species, and therefore there is much more uncertainty about its effects in the US. It is widespread, but may not be advancing beyond its current distribution. But either way, management techniques specific to this taxon are unknown.
crape myrtle	<i>Lagerstroemia indica</i>	Medium/ Insignificant	Medium/ Insignificant	Unknown	It is unknown if this taxon is present in natural areas. It does spread from original plantings in cultivated situations, suggesting the probability that the taxon occurs outside of cultivation. However, it is not associated with significant negative effects, either at an ecosystem level or by a high current range.
pimpernel, scarlet pimpernel	<i>Anagallis arvensis</i>	Medium/ Insignificant	Medium/ Insignificant	Medium/ Insignificant	This common weed appears to be so ubiquitous that no one notices it anymore. It is unlikely to be affecting ecosystems, communities or individual species.
pampas grass, silver pampas grass, Uruguayan pampas grass, Uruguayan pampas grass	<i>Cortaderia selloana</i>	Medium/ Low	Low	Unknown	This tall perennial grass can cause a fire hazard with its flammable material. It slows the establishment of tree seedlings in forests. It occurs in 11 states in the US and has the highest reported impacts in California and Hawaii. Due to increased seed production opportunities, this plant is spreading at least in California. It is somewhat hard to manage due to its extensive root system, but can be controlled by digging out.

Common Names	Species	Overall I-Rank	Ecological Impact <sup>1</sup>	Management Difficulty <sup>2</sup>	I-Rank Summary
Bermuda grass, chiendent pied-de-poule, common Bermuda grass, devil grass, grama-seda, manienie, motie molulu	<i>Cynodon dactylon</i>	Medium/Low	Medium/Low	High/Medium	A circumglobal species, <i>Cynodon dactylon</i> is limited in distribution in the US to areas with warm temperatures. Locally able to invade disturbed sites, areas with persistent native vegetation are probably not under threat by this taxon.
Dutch clover, ladino clover, white clover	<i>Trifolium repens</i>	Medium/Low	Medium/Low	Medium/Insignificant	<i>Trifolium repens</i> (white clover) is extremely widespread in the United States. It was introduced c. 1700 and has high economic importance as a forage plant, in addition to other uses such as erosion control, cover cropping, and wildlife plantings. Although establishing best in disturbed and open sites, it can invade a variety of native species habitats, including grasslands/meadows, heathlands, deciduous woodlands, boreal forest, riparian areas, and coastal beaches. <i>T. repens</i> is a nitrogen-fixing species, but it should not significantly alter nutrient cycling because of its preference for fertile soils and low biomass per area. Its greatest impacts likely result from its stoloniferous, mat-forming habit, which may interfere with establishment of native species, potentially including at least one endangered species (running buffalo clover, <i>Trifolium stoloniferum</i> ).
chinaberry, Chinaberry tree, Chinaberrytree, Indian lilac, lelah, paraiso, pride of India, white cedar	<i>Melia azedarach</i>	Medium/Low	Medium/Low	Medium/Low	<i>Melia azedarach</i> used to be widely planted for ornamental or for harvest for its medicinal properties. It has since escaped and naturalized which has caused at least one state (FL) to ban it, although it is still sold elsewhere in the US. It appears most often on disturbed soils, however it can invade floodplain and marsh communities, and can crowd out native species.
Japanese privet	<i>Ligustrum japonicum</i>	Medium/Low	Medium/Low	High/Low	<i>Ligustrum japonicum</i> is a tall shrub that is widely planted as a hedge, particularly in the south. It is apparently having fewer impacts than some other privets in the U.S. but has become established in scattered locations in the southeastern states and California. It can form dense thickets and outcompete native plants. Habitats it invades include river bottoms, open woods, bluffs, and disturbed sites. It is still available for sale and has very abundant seeds. It resprouts readily when damaged. Control is moderately difficult.

<sup>1</sup> A subcategory of Overall I-Rank score that addresses organism's negative impacts on native plant and animal populations and communities.

<sup>2</sup> A subcategory of Overall I-Rank score that addresses difficulty of control.

If information (as evidenced by protocol questions answered) is sufficient to eliminate at least two of the four possible I-Ranks, but insufficient to narrow the I-Rank to a single value, a range I-Rank (e.g. High/Medium) is assigned.

A total of 78 organisms (Table 6a) on GUI's local list currently meet at least one of the following criteria:

- Listed on Mississippi Department of Wildlife, Fisheries and Parks (MDWFP) list of rare biota ([http:// www.mdwfp.com/museum/downloads/tandelist.pdf/](http://www.mdwfp.com/museum/downloads/tandelist.pdf/)).
- Listed by the U.S. Fish and Wildlife Service under the auspices of the U.S. Endangered Species Act of 1973, as amended
- Ranked as Critically Imperiled or Imperiled at the global level by NatureServe and its network of member programs

**Table 6a.** Organisms on the park's local list for Mississippi which possess a designated conservation status (State Status, State Rank, Federal Status or TNC Global Rank).

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
<b>BIRDS</b>						
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Present in Park	LE	S1B,S2N	DM	G4
Piping Plover	<i>Charadrius melodus</i>	Present in Park	LE	SZN	T	G3
Wood Stork	<i>Mycteria americana</i>	Present in Park	LE	SZN		G4
Peregrine Falcon	<i>Falco peregrinus</i>	Present in Park	LE	SZN	DM	G4
Brown Pelican	<i>Pelecanus occidentalis</i>	Present in Park	LE	S1N	E	G4
Red-cockaded Woodpecker	<i>Picoides borealis</i>	Present in Park	LE	S1		G3
Least Tern	<i>Sterna antillarum</i>	Present in Park	LE	S3B	E	G4T2Q
White Pelican	<i>Pelecanus erythrorhynchos</i>	Present in Park		S2N		G3
<b>MAMMALS</b>						
American Black Bear	<i>Ursus americanus</i>	Present in Park	LE	S1		G5
West Indian Manatee	<i>Trichechus manatus</i>	Present in Park	LE	SZ	E	G2
Red Wolf	<i>Canis rufus</i>	Historic			E	G1Q
Perdido Key Beach Deermouse	<i>Peromyscus polionotus trissyllepsis</i>	Present in Park			E	G5T1
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	Unconfirmed				G1
Sei Whale	<i>Balaenoptera borealis</i>	Unconfirmed				G3
Blue Whale	<i>Balaenoptera musculus</i>	Unconfirmed				G3G4
Fin Whale	<i>Balaenoptera physalus</i>	Probably Present				G3G4
Humpback Whale	<i>Megaptera novaeangliae</i>	Unconfirmed				G3
Sperm Whale	<i>Physeter macrocephalus</i>	Present in Park				G3G4

Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>	Unconfirmed				G3
<b>Common Name</b>	<b>Scientific Name</b>	<b>Park Status</b> <sup>1</sup>	<b>State Status</b> <sup>2</sup>	<b>State Rank</b> <sup>3</sup>	<b>Federal Status</b> <sup>4</sup>	<b>TNC Global Rank</b> <sup>5</sup>
Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	NA		S3B, S3N		G3G4
Southeastern Myotis	<i>Myotis austroriparius</i>	Unconfirmed		S1B, S1N		G3G4
Santa Rosa Beach Deermouse	<i>Peromyscus polionotus leucocephalus</i>	Present in Park				G5T1
Carolina Northern Flying Squirrel	<i>Glaucomys sabrinus coloratus</i>	Unconfirmed				G5T1
<b>REPTILES</b>						
Eastern Indigo Snake	<i>Drymarchon corais couperi</i>	Probably Present	LE	S1		G4T3
Southern Hog-nosed Snake	<i>Heterodon simus</i>	Unconfirmed	LE	SH		G2
Black Pinesnake	<i>Pituophis melanoleucus lodingi</i>	Unconfirmed	LE	S2		G4T3
Loggerhead	<i>Caretta caretta</i>	Present in Park	LE	S1B,SZN	T	G3
Green Turtle	<i>Chelonia mydas</i>	Present in Park	LE	SZN	T/E	G3
Hawksbill	<i>Eretmochelys imbricata</i>	Present in Park	LE	SZN		G3
Kemp's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	Present in Park	LE	S1N	E	G1
Leatherback	<i>Dermochelys coriacea</i>	Present in Park	LE	SZN	E	G2
Yellow-blotched Map Turtle	<i>Graptemys flavimaculata</i>	Unconfirmed	LE	S2		G2
Gopher Tortoise	<i>Gopherus polyphemus</i>	Present in Park	LE	S2	T	G3
American Alligator	<i>Alligator mississippiensis</i>	Present in Park			SAT	
Diamondback Terrapin	<i>Malaclemys terrapin pileata</i>	NA		S2		G4T3Q
<b>FISH</b>						
Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	Present in Park	LT	S1	T	G3T2
Alabama Shad	<i>Alosa alabamae</i>	Present in Park	LE	S1		G3T2
Ironcolor Shiner	<i>Notropis chalybaeus</i>	Present in Park	LE	S2		G4
Saltmarsh Topminnow	<i>Fundulus jenkinsi</i>	Present in Park	LE	S3		G3
Bayou Darter	<i>Etheostoma rubrum</i>	False Report	LT	S1		G1
Pearl Darter	<i>Percina aurora</i>	Present in Park	LE	S1		G1
Frecklebelly Madtom	<i>Noturus munitus</i>	Probably Present	LE	S2		G3
Texas Silverside	<i>Menidia clarkhubbsi</i>	Probably Present				G1
Speckled Chub	<i>Macrhybopsis aestivalis</i>	Present in Park				G3G4

Bluenose Shiner	<i>Pteronotropis welaka</i>	Present in Park		S3		G3G4
<b>Common Name</b>	<b>Scientific Name</b>	<b>Park Status</b> <sup>1</sup>	<b>State Status</b> <sup>2</sup>	<b>State Rank</b> <sup>3</sup>	<b>Federal Status</b> <sup>4</sup>	<b>TNC Global Rank</b> <sup>5</sup>
Spottail Goby	<i>Ctenogobius stigmaturus</i>	Unconfirmed				G2
Southern Logperch	<i>Percina austroperca</i>	Probably Present				G3
Stargazing Darter	<i>Percina uranidea</i>	Unconfirmed				G3
Warsaw Grouper	<i>Epinephelus nigritus</i>	Present in Park				G3
Smalltooth Sawfish	<i>Pristis pectinata</i>	Historic				G1G3
Alligator Gar	<i>Atractosteus spatula</i>	Present in Park		S2		G3G4
<b>AMPHIBIANS</b>						
Frosted Flatwoods Salamander	<i>Ambystoma cingulatum</i>	Unconfirmed				G2G3
Black Warrior Waterdog	<i>Necturus alabamensis</i>	Unconfirmed				G2
<b>VASCULAR PLANTS</b>						
Godfrey's Goldenaster	<i>Chrysopsis godfreyi</i>	Present in Park				G2
Cruise's Goldenaster	<i>Chrysopsis gossypina</i> ssp. <i>cruseana</i>	Present in Park				G5T2
Florida Throughwort	<i>Eupatorium anomalum</i>	Unconfirmed				G2G3
Beach Sunflower	<i>Helianthus debilis</i> ssp. <i>debilis</i>	Present in Park				G5T2T4
Beach Sand-squares	<i>Paronychia erecta</i>	Present in Park				G3G4
Pineland Nailwort	<i>Paronychia patula</i>	Present in Park				G3G4
Ware's Hairsedge	<i>Bulbostylis warei</i>	Probably Present				G3G4
Mohr's Three-awn Grass	<i>Aristida mohrii</i>	Present in Park				G1
Curtiss' Sandgrass	<i>Calamovilfa curtissii</i>	Present in Park				G3
Gulf Bluestem	<i>Schizachyrium maritimum</i>	Present in Park				G3G4Q
Climbing Fetterbush	<i>Pieris phillyreifolia</i>	Present in Park				G3
Engler's Bogbutton	<i>Lachnocaulon engleri</i>	Present in Park				G3
Small's Bogbutton	<i>Lachnocaulon minus</i>	Probably Present				G3G4
Summer Spurge	<i>Euphorbia discoidalis</i>	Present in Park				G3?Q
Sensitive Joint-vetch	<i>Aeschynomene virginica</i>	False Report				G2
Florida Milkpea	<i>Galactia floridana</i>	Unconfirmed				G3G4
Gulf Coast Lupine	<i>Lupinus westianus</i>	Unconfirmed				G3
Shortleaf Pink	<i>Sabatia brevifolia</i>	Present in Park				G3G4
Tracy's Sundew	<i>Drosera tracyi</i>	Present in Park				G3G4

Whitetop Pitcherplant	<i>Sarracenia leucophylla</i>	Unconfirmed				G3
<b>Common Name</b>	<b>Scientific Name</b>	<b>Park Status</b> <sup>1</sup>	<b>State Status</b> <sup>2</sup>	<b>State Rank</b> <sup>3</sup>	<b>Federal Status</b> <sup>4</sup>	<b>TNC Global Rank</b> <sup>5</sup>
Largeleaf Jointweed	<i>Polygonella macrophylla</i>	Present in Park				G3
Pensacola Hawthorn	<i>Crataegus lacrimata</i>	Unconfirmed				G3
Coast Ground-cherry	<i>Physalis angustifolia</i>	Present in Park				G3G4
Coastal-sand Frostweed	<i>Helianthemum arenicola</i>	Present in Park				G3
Florida Scrub Frostweed	<i>Helianthemum nashii</i>	False Report				G3?

A total of 98 organisms (Table 6b) on GUI's local list currently meet at least one of the following criteria:

- Listed on Florida Fish and Wildlife Conservation Commission (FFWCC) list of rare biota ([http:// www.fnai.org/bioticssearch.cfm](http://www.fnai.org/bioticssearch.cfm)).
- Listed by the U.S. Fish and Wildlife Service under the auspices of the U.S. Endangered Species Act of 1973, as amended
- Ranked as Critically Imperiled or Imperiled at the global level by NatureServe and its network of member programs

**Table 6b.** Organisms on the park's local list for Florida which possess a designated conservation status (State Status, State Rank, Federal Status or TNC Global Rank).

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
<b>BIRDS</b>						
Osprey	<i>Pandion haliaetus</i>	Present in Park	LS	S3S4		G5
Little Blue Heron	<i>Egretta caerulea</i>	Present in Park	LS	S4		G5
Reddish Egret	<i>Egretta rufescens</i>	Present in Park	LS	S2		G4
Snowy Egret	<i>Egretta thula</i>	Present in Park	LS	S3		G5
Tricolor Heron	<i>Egretta tricolor</i>	Present in Park	LS	S4		G5
Snowy Plover	<i>Charadrius alexandrinus</i>	Present in Park	LT	S1		G4
Piping Plover	<i>Charadrius melodus</i>	Present in Park	LE	S2	T	G3
American Oystercatcher	<i>Haematopus palliatus</i>	Present in Park	LS	S2		G5
Wood Stork	<i>Mycteria americana</i>	Present in Park	LE	S2	E	G4
Peregrine Falcon	<i>Falco peregrinus</i>	Present in Park	LE	S2	DM	G4
Southeastern American Kestrel	<i>Falco sparverius paulus</i>	NA	LT	S3		G5T2T3

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
Black Skimmer	<i>Rynchops niger</i>	Present in Park	LS	S3		G5
Least Tern	<i>Sterna antillarum</i>	Present in Park	LT	S3	E	G4
Brown Pelican	<i>Pelecanus occidentalis</i>	Present in Park	LS	S3	E	G4
White Ibis	<i>Eudocimus albus</i>	Present in Park	LS	S4		G5
Red-cockaded Woodpecker	<i>Picoides borealis</i>	Unconfirmed	LS	S2	E	G3
Burrowing Owl	<i>Athene cunicularia</i>	Present in Park	LS	S3		G4T3
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Present in Park		S3	DM	G5
White Pelican	<i>Pelecanus erythrorhynchos</i>	Present in Park				G3
<b>MAMMALS</b>						
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	Unconfirmed	LE	S1	E	G1
Sei Whale	<i>Balaenoptera borealis</i>	Unconfirmed	LE			G3
Fin Whale	<i>Balaenoptera physalus</i>	Probably Present	LE			G3G4
Humpback Whale	<i>Megaptera novaeangliae</i>	Unconfirmed	LE			G3
Sperm Whale	<i>Physeter macrocephalus</i>	Present in Park	LE			G3G4
Perdido Key Beach Deermouse	<i>Peromyscus polionotus trissyllepsis</i>	Present in Park	LE	S1	E	G5T1
Eastern Chipmunk	<i>Tamias striatus</i>	Unconfirmed	LS	S2		G5
West Indian Manatee	<i>Trichechus manatus</i>	Present in Park	LE	S2	E	G2
Red Wolf	<i>Canis rufus</i>	Historic		SX	E	G1Q
Blue Whale	<i>Balaenoptera musculus</i>	Unconfirmed				G3G4
Gervais' Beaked Whale	<i>Mesoplodon europaeus</i>	Unconfirmed				G3
Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	NA		S2		G3G4
Southeastern Myotis	<i>Myotis austroriparius</i>	Unconfirmed		S3		G3G4
Santa Rosa Beach Deermouse	<i>Peromyscus polionotus leucocephalus</i>	Present in Park		S1		G5T1
Carolina Northern Flying Squirrel	<i>Glaucomys sabrinus coloratus</i>	Unconfirmed				G5T1
<b>REPTILES</b>						
American Alligator	<i>Alligator mississippiensis</i>	Present in Park	LS	S4	SAT	G5
Eastern Indigo Snake	<i>Drymarchon corais couperi</i>	Probably Present	LT	S3	LT	G3
Red Cornsnake	<i>Elaphe guttata</i>	Present in Park	LS	S2		G5T2Q

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
Loggerhead	<i>Caretta caretta</i>	Present in Park	LT	S3	T	G3
Green Turtle	<i>Chelonia mydas</i>	Present in Park	LE	S2	E	G3
Kemp's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	Present in Park	LE	S1	E	G1
Alligator Snapping Turtle	<i>Macrolemys temminckii</i>	Present in Park	LS	S3		G3G4
Leatherback	<i>Dermochelys coriacea</i>	Present in Park	LE	S2	E	G2
Gopher Tortoise	<i>Gopherus polyphemus</i>	Present in Park	LT	S3	T	G3
Hawksbill	<i>Eretmochelys imbricata</i>	Present in Park	LE	S1	E	G3
Southern Hog-nosed Snake	<i>Heterodon simus</i>	Unconfirmed		S2		G2
Black Pinesnake	<i>Pituophis melanoleucus lodingi</i>	Unconfirmed				G4T3
Yellow-blotched Map Turtle	<i>Graptemys flavimaculata</i>	Unconfirmed				G2
Diamondback Terrapin	<i>Malaclemys terrapin pileata</i>	NA				G4T3Q
<b>FISH</b>						
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	False Report	LS	S1		G3
Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	Present in Park	LS	S1	T	G3T2
Bluenose Shiner	<i>Pteronotropis welaka</i>	Present in Park	LS	S3S4		G3G4
Saltmarsh Topminnow	<i>Fundulus jenkinsi</i>	Present in Park	LS	S2		G3
Harlequin Darter	<i>Etheostoma histrio</i>	Probably Present	LS	S1		G5
Texas Silverside	<i>Menidia clarkhubbsi</i>	Probably Present				G1
Alabama Shad	<i>Alosa alabamae</i>	Present in Park				G3
Speckled Chub	<i>Macrhybopsis aestivalis</i>	Present in Park				G3G4
Spottail Goby	<i>Ctenogobius stigmaturus</i>	Unconfirmed		S2		G2
Bayou Darter	<i>Etheostoma rubrum</i>	False Report				G1
Pearl Darter	<i>Percina aurora</i>	Present in Park				G1
Southern Logperch	<i>Percina austroperca</i>	Probably Present		S2		G3
Stargazing Darter	<i>Percina uranidea</i>	Unconfirmed				G3

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
Warsaw Grouper	<i>Epinephelus nigritus</i>	Present in Park				G3
Smalltooth Sawfish	<i>Pristis pectinata</i>	Historic				G1G3
Alligator Gar	<i>Atractosteus spatula</i>	Present in Park		S3		G3G4
Frecklebelly Madtom	<i>Noturus munitus</i>	Probably Present				G3
<b>VASCULAR PLANTS</b>						
Godfrey's Goldenaster	<i>Chrysopsis godfreyi</i>	Present in Park	LE	S2		G2
Cruise's Goldenaster	<i>Chrysopsis gossypina</i> ssp. <i>cruiseana</i>	Present in Park	LE	S2		G5T2
Beaked Spikerush	<i>Eleocharis rostellata</i>	False Report	LE	S1		G5
Curtiss' Sandgrass	<i>Calamovilfa curtissii</i>	Present in Park	LT	S3		G3
Gulf Coast Lupine	<i>Lupinus westianus</i>	Unconfirmed	LT	S3		G3
Sweet-shrub	<i>Calycanthus floridus</i>	Present in Park	LE	S2		G5
Threadleaf Sundew	<i>Drosera filiformis</i>	False Report	LE	S1		G4
Spoonleaf Sundew	<i>Drosera intermedia</i>	Present in Park	LT	S3		G5
Whitetop Pitcherplant	<i>Sarracenia leucophylla</i>	Unconfirmed	LE	S3		G3
Largeleaf Jointweed	<i>Polygonella macrophylla</i>	Present in Park	LT	S3		G3
Florida Through-wort	<i>Eupatorium anomalum</i>	Unconfirmed		S3		G2G3
Beach Sunflower	<i>Helianthus debilis</i> ssp. <i>debilis</i>	Present in Park				G5T2T4
Beach Sand-squares	<i>Paronychia erecta</i>	Present in Park		S3		G3G4
Pineland Nailwort	<i>Paronychia patula</i>	Present in Park		S3		G3G4
Ware's Hairsedge	<i>Bulbostylis warei</i>	Probably Present				G3G4
Mohr's Three-awn Grass	<i>Aristida mohrii</i>	Present in Park				G1
Gulf Bluestem	<i>Schizachyrium maritimum</i>	Present in Park				G3G4Q
Climbing Fetterbush	<i>Pieris phillyreifolia</i>	Present in Park				G3
Engler's Bogbutton	<i>Lachnocaulon engleri</i>	Present in Park				G3
Small's Bogbutton	<i>Lachnocaulon minus</i>	Probably Present				G3G4
Sensitive Joint-vetch	<i>Aeschynomene virginica</i>	False Report				G2
Florida Milkpea	<i>Galactia floridana</i>	Unconfirmed				G3G4
Shortleaf Pink	<i>Sabatia brevifolia</i>	Present in Park				G3G4
Tracy's Sundew	<i>Drosera tracyi</i>	Present in				G3G4

Common Name	Scientific Name	Park Status <sup>1</sup>	State Status <sup>2</sup>	State Rank <sup>3</sup>	Federal Status <sup>4</sup>	TNC Global Rank <sup>5</sup>
		Park				
Pensacola Hawthorn	<i>Crataegus lacrimata</i>	Unconfirmed				G3
Coast Ground-cherry	<i>Physalis angustifolia</i>	Present in Park				G3G4
Coastal-sand Frostweed	<i>Helianthemum arenicola</i>	Present in Park				G3
<b>AMPHIBIANS</b>						
Frosted Flatwoods Salamander	<i>Ambystoma cingulatum</i>	Unconfirmed	LS	S2	E	G2G3
Black Warrior Waterdog	<i>Necturus alabamensis</i>	Unconfirmed				G2G3

<sup>1</sup> Refer to the Appendix for definitions of Park Status categories.

<sup>2</sup> The official endangerment status the state heritage program has assigned to this species.

**T** – Threatened : Any species or subspecies that is likely to become an endangered species within the foreseeable future.

**E** – Endangered : Animal: Any species or subspecies of wildlife whose prospects of survival or recruitment within the state are in jeopardy or are likely to become so within the foreseeable future.

**LE** – endangered : A species which is in danger of extinction throughout all or a significant portion of its range.

**D** - Deemed in Need of Management : Any species or subspecies of nongame wildlife which should be investigated in order to develop information relating to populations, distribution, habitat needs, limiting factors, and other biological and ecological data to determine management measures necessary for their continued ability to sustain themselves successfully.

**SP** - Species Protected : It shall be unlawful to take, capture, kill, or attempt to take, capture or kill; possess, sell, trade for anything of monetary value, or offer to sell or trade for anything of monetary value, the following nongame wildlife species (or any parts or reproductive products of such species) without a scientific collection permit or written permit from the Commissioner, Department of Conservation and Natural Resources, which shall specifically state what the permittee may do with regard to said species.

**S** - Special concern : any species or subspecies that is uncommon, or has unique or highly specific habitat requirements or scientific value and therefore requires careful monitoring of its status.

<sup>3</sup> State Rank

**S1**– Extremely rare and critically imperiled in the state with five or fewer occurrences, or very few remaining individuals, or because of some special condition where the species is particularly vulnerable to extirpation.

**S2**– Very rare and imperiled within the state, six to twenty occurrences and less than 3000 individuals, or few remaining individuals, or because of some factor(s) making it vulnerable to extirpation.

**S3**– Rare and uncommon in the state, from 21 to 100 occurrences.

**S4**– Widespread, abundant, and apparently secure within the state, though it may be quite rare in parts of its range, especially at the periphery, and is of long-term concern.

**SH**– Of historical occurrence, i.e., known to occur in the past, with the expectation that it may be rediscovered.

<sup>4</sup>U.S. Endangered Species Act: Current status of the taxon as designated or proposed by the U.S. Fish and Wildlife Service (USFWS) or the U.S. National Marine Fisheries Service, and as reported in the U.S. Federal Register in accordance with the U.S. Endangered Species Act of 1973, as amended.

**E– Listed endangered**, denotes a taxon that is threatened by extinction throughout all or a significant portion of its range.

**T– Listed threatened**, denotes a taxon that is likely to become an endangered species in the foreseeable future.

**DM– Delisted taxon**, recovered, being monitored for first five years.

<sup>5</sup>The rounded NatureServe conservation status, developed by NatureServe and its network of member programs, of a species from a global (i.e., rangewide) perspective, characterizing the relative imperilment of the species. G1=Critically Imperiled, G2=Imperiled, G3=Vulnerable, G4=Apparently Secure, G5=Secure. Refer to <<http://www.natureserve.org/explorer/ranking.htm>> for additional information on ranks.

## **Discussion**

It is recognized that a species list will never be 100% complete and accurate any given time. Because most inventories are “point in time” surveys, not every species present may be found during the inventory. However, these new inventories, combined with historical observations give a reasonably complete list of species currently found on the park. In addition, the inventories resulted in the documentation of many new species and will provide baseline information that may of management significance.

While significant strides have been made in documenting the presence of vertebrate species and vascular plants (as noted above), it is anticipated that additional survey efforts will result in an increase in the number of organisms documented on GUIs.

## **Monitoring**

GULN’s current list of high priority vital signs to be monitored at GUIs includes several that related directly to the vascular plant and vertebrate species documented in these recent inventories. These include terrestrial vegetative communities, amphibian & reptile communities, and water quality. Water quality relates directly to the vegetative communities, amphibians, and fish communities. Amphibians are considered good indicators of general ecosystem health due to their ties with both aquatic and terrestrial environments, and sensitivity to environmental stresses. Consequently, amphibians have been selected as a high priority group to monitor in all Gulf Coast Network parks. The baseline inventories have allowed the network to target long-term monitoring protocols to the species of interest on each park.

The potential impact of climate change on park resources has recently become a focus for the National Park Service. Although the impacts are difficult to predict, all vital signs that will be monitored at GUIs are very sensitive to changes in precipitation (timing, amount, and/or frequency) and temperature. The GULN will compile available weather data to use for placing monitoring results in context of changing weather and climate.

## **Management**

Recent inventories have revealed that GUIs supports a diverse array of vascular plants and vertebrates. As noted, the data have been consolidated into NPSpecies for use in park planning and management decisions. An additional step to be taken with these data is identification of management priority species. This would likely include sensitive or rare species, and highly invasive exotics, among others. Additional management recommendations can be found in the specific inventory reports for GUIs.

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## Appendix A. NPSpecies Data Dictionary

Park Status	The current status of each species in each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked. The possible values reflect a combination of confidence, and availability and currency of verifiable evidence in NPSpecies.
Present in Park	Species' occurrence in park is documented and assumed to be extant.	Extremely high confidence that the species is currently in the park. A current, verifiable reference, voucher or observation is included in NPSpecies.
Probably Present	Park is within species' range and contains appropriate habitat. Documented occurrences of the species in the adjoining region of the park give reason to suspect that it probably occurs within the park. The degree of probability may vary within this category, including species that range from common to rare.	Very high confidence that the organism is currently in the park. Verifiable evidence may exist in NPSpecies, but is not considered current enough to elevate the status to Present in Park. Efforts should be made to obtain current, verifiable evidence in NPSpecies to elevate the Park Status to "Present in Park". If reasonable efforts to obtain current, verifiable evidence are unsuccessful, then the Park Status should be changed to Unconfirmed, Historic, Encroaching or False Report as applicable.
Unconfirmed	Included for the park based on weak ("unconfirmed record") or no evidence, giving minimal indication of the species' occurrence in the park.	Any confidence from very low to high that the organism is currently in the park. Verifiable evidence may exist in NPSpecies, but it is not considered sufficient enough to elevate the status to Probably Present, nor current enough to elevate the status to Present. Efforts should be made to obtain current, verifiable evidence in NPSpecies to elevate the Park Status to "Present in Park". If reasonable efforts to obtain current, verifiable evidence are unsuccessful, then the Park Status should be changed to Historic, Encroaching or False Report as applicable.
Encroaching	The species is not documented in the park, but is documented as being adjacent to the park and has potential to occur in the park.	Extremely low confidence that the organism is currently in the park, but extremely high confidence that the organism is currently adjacent to the park. Verifiable evidence may exist in NPSpecies documenting the occurrence in the park, but it is not current. Potential invasive organisms are good candidates for this Park Status designation, either before they enter a park or after they have been eliminated from a park.
Historic	Species' historical occurrence in the park is documented, but recent investigations indicate that the species is now probably absent.	Extremely low confidence that the organism is currently in the park. Verifiable evidence exists in NPSpecies, but is not current. Extinct, extirpated or eliminated species are candidates for a Historic <i>Park Status</i> designation.
False Report	Species previously reported to occur within the park, but current evidence indicates that the report was based on a misidentification, a taxonomic concept no longer accepted, or some other similar problem of interpretation.	Extremely low confidence that the organism is currently in the park. Evidence exists in NPSpecies, but it cannot be sufficiently verified.
NA	Not Applicable - Park-Status does not	The NA value prevents null values from appearing

	apply to the scientific name for the park.	in NPSpecies and applies to 2 primary situations: <ul style="list-style-type: none"> <li>1) An outdated scientific name that is not used in the locale of the park for an organism, but is in NPSpecies for a park because of the inclusion of vouchers, observations or names linked to references. Note that outdated names are reconciled in NPSpecies with the LOCAL CLASSIFICATION system.</li> <li>2) Vouchers, observations or names linked to references have not been identified at the species level or lower, but are included in NPSpecies with the name of a higher taxonomic rank than the species level. The names of these higher level taxonomic ranks will disappear from NPSpecies if the evidence of the respective name are identified to the species level or lower, and are changed appropriately in NPSpecies.</li> </ul>
<b>Abundance</b>	The current abundance of each organism in each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked and a <i>Park Status</i> of "Present". The values attempt to balance abundance with suitable habitat, and temporal/behavioral considerations. In practice, the entered value should apply (although there are numerous exceptions) to the abundance in the most suitable habitat of the organism, and at the time that the organism is engaged in it's principle behavior in (e.g. breeding, migrating, hibernating, etc.), or most important behavior to, the park. A future generation of NPSpecies will address the coding of <i>Abundance</i> (and associated <i>Residency</i> ) to separate out the temporal and behavioral aspects. The Data Source field for Abundance is available to provide a citation that specifically addresses abundance in more detail.
Abundant	<b>Animals:</b> May be seen daily, in suitable habitat and season, and counted in relatively large numbers. <b>Plants:</b> Large number of individuals; wide ecological amplitude or occurring in habitats covering a large portion of the park.	
Common	<b>Animals:</b> May be seen daily, in suitable habitat and season, but not in large numbers. <b>Plants:</b> Large numbers of individuals predictably occurring in commonly encountered habitats but not those covering a large portion of the park.	
Uncommon	<b>Animals:</b> Likely to be seen monthly in appropriate season/habitat. May be locally common. <b>Plants:</b> Few to moderate numbers of individuals; occurring either sporadically in commonly encountered habitats or in uncommon habitats.	
Rare	<b>Animals:</b> Present, but usually seen	

	only a few times each year. <b>Plants:</b> Few individuals, usually restricted to small areas of rare habitat.	
Occasional	<b>Animals:</b> Occurs in the park at least once every few years, but not necessarily every year. <b>Plants:</b> Not applicable.	
Unknown	Abundance unknown.	
NA	Not Applicable – Abundance does not apply to the scientific name in the park.	All names on a park's list that do not have a <i>Park Status</i> of Present should have a <i>Residency</i> of NA.
<b>Residency</b>	Current residency classification for each ANIMAL species in each park.	Applicable only to ANIMALS with the <i>Local List</i> checkbox checked and a <i>Park Status</i> of "Present". The values attempt to balance temporal and behavioral considerations. In practice, the entered value should apply (although there are numerous exceptions) to the residency of the organism at the time that the organism is engaged in its principle behavior (e.g. breeding, migrating, hibernating, etc.) in, or most important behavior to, the park. A future generation of NPSpecies will address the coding of Residency (and associated Abundance) to separate out the temporal and behavior aspects. The Data Source field for Residency is available to provide a citation that specifically addresses Residency in more detail.
Breeder	Population reproduces in the park.	
Resident	A significant population is maintained in the park for more than two months each year, but it is not known to breed there.	
Migratory	Migratory species that occurs in park approximately two months or less each year and does not breed there.	
Vagrant	Park is outside of the species' usual range.	
Unknown	Residency status in park is unknown.	
NA	Not Applicable – Residency does not apply to the scientific name in the park.	All names on a park's list that do not have a <i>Park Status</i> of Present should have a <i>Residency</i> of NA.
<b>Nativity</b>	Nativity classification for each organism for each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked. If the park-status of an organism is not "Present in Park", then nativity represents the nativity if the organism were eventually confirmed in the park.
Native	The organism is native, or would be native, to the park (either endemic or indigenous).	
Non-Native	The organism is not native, or would not be native, to the park (neither endemic nor indigenous).	Cultivated organisms as defined under the <i>Cultivation</i> field are also considered non-native.
Unknown	Nativity is unknown relative to the park.	
NA	Not Applicable	Applies to names that do not represent organism names for the locale of the park.
<b>Cultivation</b>	Cultivation classification for each non-	Applicable only to organisms with the <i>Local List</i>

	native organism in each park.	checkbox checked, a <i>Park Status</i> of "Present" or "Probably Present" and a <i>Nativity</i> of Non-Native. Cultivation is intended to distinguish between non-native organisms that were introduced as part of a park's mission, and non-native organisms that occur in the park naturally. Cultivation was not intended to apply to organisms that are cultivated for landscape purposes and have not persisted into the natural environment, for example plants in gardens or terrariums, or animals in enclosures. In general, NPSpecies was not intended to include controlled, "domestic" organisms.
Cultivated	A non-native species that is currently cultivated in the park.	
Persistent	A non-native species that persists in the park (either reproducing or non-reproducing) from a previous cultivation in the park.	
Not Cultivated	A non-native species that is not currently cultivated in the park.	
Unknown	A non-native species for which the cultivation in the park is currently unknown.	
NA	Not Applicable – Cultivation does not apply to the non-native scientific name in the park.	All names on a park's list that do not have a <i>Park Status</i> of Present or Probably Present and a <i>Nativity</i> of Non-native should have a Cultivation of NA.

## Appendix B. Gulf Island National Seashore (GUIS) Local List (NPSpecies 12/15/2009).

Scientific Name	Common Name	Park Status <sup>1</sup>
<b>Amphibians</b>		
<i>Bufo quercicus</i>	Oak Toad	PIP
<i>Bufo terrestris</i>	Southern Toad	PIP
<i>Bufo valliceps</i>	Gulf Coast Toad	U
<i>Bufo woodhousii fowleri</i>	Fowler's Toad	U
<i>Acris crepitans crepitans</i>	Eastern Cricket Frog, Northern Cricket Frog	FR
<i>Acris gryllus</i>	Southern Cricket Frog	PIP
<i>Hyla chrysoscelis</i>	Cope's Gray Treefrog	U
<i>Hyla cinerea</i>	Green Tree Frog, Green Treefrog	PIP
<i>Hyla femoralis</i>	Pine Woods Treefrog	PIP
<i>Hyla gratiosa</i>	Barking Treefrog	PIP
<i>Hyla squirella</i>	Squirrel Treefrog	PIP
<i>Hyla versicolor</i>	Gray Treefrog	PIP
<i>Pseudacris crucifer</i>	Spring Peeper	PIP
<i>Pseudacris nigrita nigrita</i>	Southern Chorus Frog, Striped Southern Chorus Frog	PIP
<i>Pseudacris ornata</i>	Ornate Chorus Frog	H
<i>Eleutherodactylus planirostris</i>	Greenhouse Frog	PIP
<i>Gastrophryne carolinensis</i>	Eastern Narrow-mouthed Toad	PIP
<i>Rana areolata</i>	Crawfish Frog	FR
<i>Rana catesbeiana</i>	American Bullfrog, Bullfrog	PIP
<i>Rana clamitans</i>	Green Frog	PIP
<i>Rana clamitans clamitans</i>	Bronze Frog	PIP
<i>Rana grylio</i>	Pig Frog	PIP
<i>Rana heckscheri</i>	River Frog	U

<i>Rana pipiens</i>	Northern Leopard Frog	FR
<i>Rana sphenoccephala</i>	Southern Leopard Frog	PIP
<i>Scaphiopus holbrookii holbrookii</i>	Eastern Spadefoot	U
<i>Ambystoma cingulatum</i>	Flatwoods Salamander	U
<i>Ambystoma maculatum</i>	Spotted Salamander	U
<i>Ambystoma opacum</i>	Marbled Salamander	U
<i>Ambystoma talpoideum</i>	Mole Salamander	U
<i>Ambystoma texanum</i>	Small-mouthed Salamander	U
<i>Ambystoma tigrinum tigrinum</i>	Eastern Tiger Salamander	U
<i>Amphiuma means</i>	Two-toed Amphiuma	PIP
<i>Desmognathus fuscus conanti</i>	Spotted Dusky Salamander	U
<i>Eurycea cirrigera</i>	Southern Two-lined Salamander	U
<i>Eurycea guttolineata</i>	Three-lined Salamander	U
<i>Eurycea longicauda guttolineata</i>	Three-lined Salamander	U
<i>Eurycea quadridigitata</i>	Dwarf Salamander	PIP
<i>Plethodon glutinosus</i>	Northern Slimy Salamander, Slimy Salamander	PIP
<i>Plethodon mississippi</i>	Mississippi Slimy Salamander	PIP
<i>Pseudotriton montanus</i>	Mud Salamander	H
<i>Pseudotriton montanus flavissimus</i>	Gulf Coast Mud Salamander	H
<i>Pseudotriton ruber vioscai</i>	Southern Red Salamander	U
<i>Necturus alabamensis</i>	Alabama Waterdog, Black Warrior Waterdog	U
<i>Necturus beyeri</i>	Gulf Coast Waterdog	U
<i>Notophthalmus viridescens</i>	Eastern Newt	PIP
<i>Notophthalmus viridescens louisianensis</i>	Central Newt	U

<i>Siren intermedia intermedia</i>	Eastern Lesser Siren	U
<i>Siren intermedia nettingi</i>	Western Lesser Siren	U
Scientific Name	Common Name	Park Status <sup>1</sup>
<i>Birds</i>		
<i>Aix sponsa</i>	Wood Duck	PIP
<i>Anas acuta</i>	Northern Pintail	PIP
<i>Anas americana</i>	American Wigeon	PIP
<i>Anas clypeata</i>	Northern Shoveler	PIP
<i>Anas crecca</i>	Green-winged Teal	PIP
<i>Anas discors</i>	Blue-winged Teal	PIP
<i>Anas fulvigula</i>	Mottled Duck	PIP
<i>Anas platyrhynchos</i>	Mallard	PIP
<i>Anas rubripes</i>	American Black Duck	PIP
<i>Anas strepera</i>	Gadwall	PIP
<i>Anser albifrons</i>	Greater White-fronted Goose	PIP
<i>Aythya affinis</i>	Lesser Scaup	PIP
<i>Aythya americana</i>	Redhead	PIP
<i>Aythya collaris</i>	Ring-necked Duck	PIP
<i>Aythya marila</i>	Greater Scaup	PIP
<i>Aythya valisineria</i>	Canvasback	PIP
<i>Branta canadensis</i>	Canada Goose	PIP
<i>Bucephala albeola</i>	Bufflehead	PIP
<i>Bucephala clangula</i>	Common Goldeneye	PIP
<i>Chen caerulescens</i>	Snow Goose	PIP
<i>Clangula hyemalis</i>	Oldsquaw	PIP
<i>Histrionicus histrionicus</i>	Harlequin Duck	PIP
<i>Lophodytes cucullatus</i>	Hooded Merganser	PIP
<i>Melanitta fusca</i>	White-winged Scoter	PIP
<i>Melanitta nigra</i>	Black Scoter	PIP
<i>Melanitta perspicillata</i>	Surf Scoter	PIP
<i>Mergus merganser</i>	Common Merganser	PIP
<i>Mergus serrator</i>	Red-breasted Merganser	PIP
<i>Oxyura jamaicensis</i>	Ruddy Duck	PIP

<i>Chaetura pelagica</i>	Chimney Swift	PIP
<i>Archilochus colubris</i>	Ruby-throated Hummingbird	PIP
<i>Gallinago delicata</i>	Wilson's snipe	PIP
<i>Accipiter cooperii</i>	Cooper's Hawk	PIP
<i>Accipiter striatus</i>	Sharp-shinned Hawk	PIP
<i>Buteo jamaicensis</i>	Red-tailed Hawk	PIP
<i>Buteo lagopus</i>	Rough-legged Hawk	PIP
<i>Buteo lineatus</i>	Red-shouldered Hawk	PIP
<i>Buteo platypterus</i>	Broad-winged Hawk	PIP
<i>Buteo swainsoni</i>	Swainson's Hawk	PIP
<i>Circus cyaneus</i>	Northern Harrier	PIP
<i>Elanoides forficatus</i>	American Swallow-tailed Kite, Swallow-tailed Kite	PIP
<i>Haliaeetus leucocephalus</i>	Bald Eagle	PIP
<i>Ictinia mississippiensis</i>	Mississippi kite	PIP
<i>Pandion haliaetus</i>	Osprey	PIP
<i>Anhinga anhinga</i>	Anhinga	PIP
<i>Ardea herodias</i>	Great Blue Heron	PIP
<i>Botaurus lentiginosus</i>	American Bittern	PIP
<i>Bubulcus ibis</i>	Cattle Egret	PIP
<i>Butorides virescens</i>	Green Heron	PIP
<i>Casmerodius albus</i>	Great Egret	PIP
<i>Egretta caerulea</i>	Little Blue Heron	PIP
<i>Egretta rufescens</i>	Reddish Egret	PIP
<i>Egretta thula</i>	Snowy Egret	PIP
<i>Egretta tricolor</i>	Tricolored Heron	PIP
<i>Ixobrychus exilis</i>	Least Bittern	PIP
<i>Nyctanassa violacea</i>	Yellow-crowned Night-Heron	PIP
<i>Nycticorax nycticorax</i>	Black-crowned Night-Heron	PIP
<i>Charadrius alexandrinus</i>	Snowy Plover	PIP
<i>Charadrius hiaticula</i>	Common Ringed Plover	U
<i>Charadrius melodus</i>	Piping Plover	PIP
<i>Charadrius semipalmatus</i>	Semipalmated Plover	PIP
<i>Charadrius vociferous</i>	killdeer, killdeer plover	PIP
<i>Charadrius wilsonia</i>	Wilson's Plover	PIP
<i>Haematopus palliatus</i>	American Oystercatcher	PIP

<i>Himantopus mexicanus</i>	Ae'o, Black-necked Stilt, Hawaiian Stilt	PIP
<i>Pluvialis dominica</i>	American Golden Plover, American Golden-Plover, Lesser Golden-Plover	PIP
<i>Pluvialis squatarola</i>	Black-bellied Plover	PIP
<i>Recurvirostra americana</i>	American Avocet	PIP
<i>Cathartes aura</i>	Turkey Vulture	PIP
<i>Coragyps atratus</i>	Black Vulture	PIP
<i>Mycteria americana</i>	Wood Stork	PIP
<i>Falco columbarius</i>	Merlin	PIP
<i>Falco peregrinus</i>	Peregrine Falcon	PIP
<i>Falco sparverius</i>	American Kestrel	PIP
<i>Fregata magnificens</i>	Magnificent Frigatebird	PIP
<i>Gavia immer</i>	Common Loon	PIP
<i>Gavia pacifica</i>	Pacific Loon	PIP
<i>Gavia stellata</i>	Red-throated Loon	PIP
<i>Chlidonias niger</i>	Black Tern	PIP
<i>Gelochelidon nilotica</i>	Gull-billed tern	PIP
<i>Larus argentatus</i>	Herring Gull	PIP
<i>Larus atricilla</i>	Laughing Gull	PIP
<i>Larus delawarensis</i>	Ring-billed Gull	PIP
<i>Larus fuscus</i>	Lesser Black-backed Gull	PIP
<i>Larus glaucooides</i>	Iceland Gull	PIP
<i>Larus hyperboreus</i>	Glaucous Gull	PIP
<i>Larus marinus</i>	Great Black-backed Gull	PIP
<i>Larus philadelphia</i>	Bonaparte's Gull	PIP
<i>Larus pipixcan</i>	Franklin's Gull	PIP
<i>Rissa tridactyla</i>	Black-legged Kittiwake	PIP
<i>Rynchops niger</i>	Black Skimmer	PIP
<i>Stercorarius parasiticus</i>	Parasitic Jaeger	PIP
<i>Stercorarius pomarinus</i>	Pomarine Jaeger	PIP
<i>Sterna antillarum</i>	Least Tern	PIP
<i>Sterna caspia</i>	Caspian Tern	PIP
<i>Sterna forsteri</i>	Forster's Tern	PIP
<i>Sterna fuscata</i>	Sooty Tern	PIP
<i>Sterna hirundo</i>	Common Tern	PIP
<i>Sterna maxima</i>	Royal Tern	PIP
<i>Sterna sandvicensis</i>	Sandwich Tern	PIP

<i>Pelecanus erythrorhynchos</i>	American White Pelican	PIP
<i>Pelecanus occidentalis</i>	Brown Pelican	PIP
<i>Phalacrocorax auritus</i>	Double-crested Cormorant	PIP
<i>Podiceps auritus</i>	Horned Grebe	PIP
<i>Podiceps griseigena</i>	Red-necked Grebe	PIP
<i>Podiceps nigricollis</i>	Eared Grebe	PIP
<i>Podilymbus podiceps</i>	Pied-billed Grebe	PIP
<i>Oceanites oceanicus</i>	Wilson's Storm Petrel, Wilson's Storm-Petrel	PIP
<i>Puffinus gravis</i>	Greater Shearwater	PIP
<i>Puffinus puffinus</i>	Manx Shearwater	PIP
<i>Actitis macularia</i>	Spotted Sandpiper	PIP
<i>Arenaria interpres</i>	Ruddy Turnstone	PIP
<i>Bartramia longicauda</i>	Upland Sandpiper	PIP
<i>Calidris alba</i>	Sanderling	PIP
<i>Calidris alpina</i>	Dunlin	PIP
<i>Calidris bairdii</i>	Baird's Sandpiper	PIP
<i>Calidris canutus</i>	Red Knot	PIP
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	PIP
<i>Calidris himantopus</i>	Stilt Sandpiper	PIP
<i>Calidris mauri</i>	Western Sandpiper	PIP
<i>Calidris melanotos</i>	Pectoral Sandpiper	PIP
<i>Calidris minutilla</i>	Least Sandpiper	PIP
<i>Calidris pusilla</i>	Semipalmated Sandpiper	PIP
<i>Catoptrophorus semipalmatus</i>	Willet	PIP
<i>Limnodromus griseus</i>	Short-billed Dowitcher	PIP
<i>Limnodromus scolopaceus</i>	Long-billed Dowitcher	PIP
<i>Limosa fedoa</i>	Marbled Godwit	PIP
<i>Numenius americanus</i>	Long-billed Curlew	PIP
<i>Numenius phaeopus</i>	Whimbrel	PIP
<i>Phalaropus tricolor</i>	Wilson's Phalarope	PIP
<i>Scolopax minor</i>	American Woodcock	PIP
<i>Tringa flavipes</i>	Lesser Yellowlegs	PIP
<i>Tringa melanoleuca</i>	Greater Yellowlegs	PIP
<i>Tringa solitaria</i>	Solitary Sandpiper	PIP
<i>Tryngites subruficollis</i>	Buff-breasted Sandpiper	PIP
<i>Morus bassanus</i>	Northern Gannet	PIP

<i>Sula dactylatra</i>	Masked Booby	PIP
<i>Sula leucogaster</i>	Brown Booby	U
<i>Ajaia ajaja</i>	Roseate Spoonbill	PIP
<i>Eudocimus albus</i>	White Ibis	PIP
<i>Plegadis falcinellus</i>	Glossy Ibis	PP
<i>Columba livia</i>	Rock Dove	PIP
<i>Columbina passerina</i>	Common Ground-Dove	PIP
<i>Streptopelia decaocto</i>	Eurasian collared-dove	PIP
<i>Zenaida asiatica</i>	White-winged Dove	PIP
<i>Zenaida macroura</i>	Mourning Dove	PIP
<i>Ceryle alcyon</i>	Belted Kingfisher	PIP
<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	PIP
<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	PIP
<i>Crotophaga sulcirostris</i>	Groove-billed Ani	PIP
<i>Grus canadensis</i>	Sandhill Crane	PIP
<i>Fulica americana</i>	American Coot	PIP
<i>Gallinula chloropus</i>	Common Moorhen	PIP
<i>Laterallus jamaicensis</i>	Black Rail	PIP
<i>Porphyryla martinica</i>	Purple Gallinule	PIP
<i>Porzana carolina</i>	Sora	PIP
<i>Rallus elegans</i>	King Rail	PIP
<i>Rallus limicola</i>	Virginia Rail	PIP
<i>Rallus longirostris</i>	Clapper Rail	PIP
<i>Bombycilla cedrorum</i>	Cedar Waxwing	PIP
<i>Certhia americana</i>	Brown Creeper	PIP
<i>Cistothorus palustris</i>	Marsh Wren	PIP
<i>Cistothorus platensis</i>	Sedge Wren	PIP
<i>Poliophtila caerulea</i>	Blue-gray Gnatcatcher	PIP
<i>Thryothorus ludovicianus</i>	Carolina Wren	PIP
<i>Troglodytes aedon</i>	House Wren	PIP
<i>Troglodytes troglodytes</i>	Winter Wren	PIP
<i>Corvus ossifragus</i>	Fish Crow	PIP
<i>Cyanocitta cristata</i>	Blue Jay	PIP
<i>Agelaius phoeniceus</i>	Red-winged Blackbird	PIP
<i>Ammodramus maritimus</i>	Seaside Sparrow	PIP
<i>Ammodramus nelsoni</i>	Nelson's Sharp-tailed Sparrow	PIP
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	PIP
<i>Cardinalis cardinalis</i>	Northern Cardinal	PIP

<i>Carduelis pinus</i>	Pine Siskin	PIP
<i>Carduelis tristis</i>	American Goldfinch	PIP
<i>Carpodacus mexicanus</i>	House Finch	PIP
<i>Carpodacus purpureus</i>	Purple Finch	PIP
<i>Chondestes grammacus</i>	Lark Sparrow	PIP
<i>Coccothraustes vespertinus</i>	Evening Grosbeak	PIP
<i>Dendroica caerulescens</i>	Black-throated Blue Warbler	PIP
<i>Dendroica castanea</i>	Bay-breasted Warbler	PIP
<i>Dendroica cerulea</i>	Cerulean Warbler	PIP
<i>Dendroica coronata</i>	Yellow-rumped Warbler	PIP
<i>Dendroica discolor</i>	Prairie Warbler	PIP
<i>Dendroica dominica</i>	Yellow-throated Warbler	PIP
<i>Dendroica fusca</i>	Blackburnian Warbler	PIP
<i>Dendroica magnolia</i>	Magnolia Warbler	PIP
<i>Dendroica nigrescens</i>	Black-throated Gray Warbler	PIP
<i>Dendroica palmarum</i>	Palm Warbler	PIP
<i>Dendroica pensylvanica</i>	Chestnut-sided Warbler	PIP
<i>Dendroica petechia</i>	Yellow Warbler	PIP
<i>Dendroica pinus</i>	Pine Warbler	PIP
<i>Dendroica striata</i>	Blackpoll Warbler	PIP
<i>Dendroica tigrina</i>	Cape May Warbler	PIP
<i>Dendroica virens</i>	Black-throated Green Warbler	PIP
<i>Dolichonyx oryzivorus</i>	Bobolink	PIP
<i>Euphagus cyanocephalus</i>	Brewer's Blackbird	PIP
<i>Geothlypis trichas</i>	Common Yellowthroat	PIP
<i>Guiraca caerulea</i>	Blue Grosbeak	PIP
<i>Helmitheros vermivorus</i>	Worm-eating Warbler	PIP
<i>Icteria virens</i>	Yellow-breasted Chat	PIP
<i>Icterus galbula</i>	Baltimore Oriole, Northern Oriole	PIP
<i>Icterus spurius</i>	Orchard Oriole	PIP
<i>Junco hyemalis</i>	Dark-eyed Junco	PIP
<i>Limnithlypis swainsonii</i>	Swainson's Warbler	PIP
<i>Melospiza georgiana</i>	Swamp Sparrow	PIP
<i>Melospiza lincolni</i>	Lincoln's Sparrow	PIP
<i>Melospiza melodia</i>	Song Sparrow	PIP
<i>Mniotilta varia</i>	Black-and-white Warbler	PIP

<i>Molothrus ater</i>	Brown-headed Cowbird	PIP
<i>Molothrus bonariensis</i>	Shiny Cowbird	PIP
<i>Oporornis agilis</i>	Connecticut Warbler	PIP
<i>Oporornis formosus</i>	Kentucky Warbler	PIP
<i>Oporornis philadelphia</i>	Mourning Warbler	PIP
<i>Parula americana</i>	Northern Parula	PIP
<i>Passerculus sandwichensis</i>	Savannah Sparrow	PIP
<i>Passerella iliaca</i>	Fox Sparrow	PIP
<i>Passerina ciris</i>	Painted Bunting	PIP
<i>Passerina cyanea</i>	Indigo Bunting	PIP
<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	PIP
<i>Pheucticus melanocephalus</i>	Black-headed Grosbeak	PIP
<i>Pipilo erythrophthalmus</i>	Eastern Towhee, Rufous-sided Towhee	PIP
<i>Piranga ludoviciana</i>	Western Tanager	PIP
<i>Piranga olivacea</i>	Scarlet Tanager	PIP
<i>Piranga rubra</i>	Summer Tanager	PIP
<i>Poocetes gramineus</i>	Vesper Sparrow	PIP
<i>Protonotaria citrea</i>	Prothonotary Warbler	PIP
<i>Quiscalus major</i>	Boat-tailed Grackle	PIP
<i>Quiscalus quiscula</i>	Common Grackle	PIP
<i>Seiurus aurocapillus</i>	Ovenbird	PIP
<i>Seiurus motacilla</i>	Louisiana Waterthrush	PIP
<i>Seiurus noveboracensis</i>	Northern Waterthrush	PIP
<i>Setophaga ruticilla</i>	American Redstart	PIP
<i>Spiza americana</i>	Dickcissel	PIP
<i>Spizella passerina</i>	Chipping Sparrow	PIP
<i>Spizella pusilla</i>	Field Sparrow	PIP
<i>Sturnella magna</i>	Eastern Meadowlark	PIP
<i>Vermivora celata</i>	Orange-crowned Warbler	PIP
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	PIP
<i>Vermivora peregrina</i>	Tennessee Warbler	PIP
<i>Vermivora pinus</i>	Blue-winged Warbler	PIP
<i>Vermivora ruficapilla</i>	Nashville Warbler	PIP
<i>Wilsonia canadensis</i>	Canada Warbler	PIP
<i>Wilsonia citrina</i>	Hooded Warbler	PIP
<i>Wilsonia pusilla</i>	Wilson's Warbler	PIP

<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird	PIP
<i>Zonotrichia albicollis</i>	White-throated Sparrow	PIP
<i>Zonotrichia leucophrys</i>	White-crowned Sparrow	PIP
<i>Hirundo fulva</i>	Cave Swallow	PIP
<i>Hirundo rustica</i>	Barn Swallow	PIP
<i>Petrochelidon pyrrhonota</i>	Cliff Swallow	PIP
<i>Progne subis</i>	Purple Martin	PIP
<i>Riparia riparia</i>	Bank Swallow	PIP
<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	PIP
<i>Tachycineta bicolor</i>	Tree Swallow	PIP
<i>Lanius cristatus</i>	Brown Shrike	U
<i>Lanius ludovicianus</i>	Loggerhead Shrike	PIP
<i>Catharus fuscescens</i>	Veery	PIP
<i>Catharus guttatus</i>	Hermit Thrush	PIP
<i>Catharus minimus</i>	Gray-cheeked Thrush	PIP
<i>Catharus ustulatus</i>	Swainson's Thrush	PIP
<i>Hylocichla mustelina</i>	Wood Thrush	PIP
<i>Sialia sialis</i>	Eastern Bluebird	PIP
<i>Turdus migratorius</i>	American Robin	PIP
<i>Baeolophus bicolor</i>	Tufted Titmouse	PIP
<i>Parus carolinensis</i>	Carolina Chickadee	PIP
<i>Anthus rubescens</i>	American Pipit	PIP
<i>Passer domesticus</i>	House Sparrow	PIP
<i>Regulus calendula</i>	Ruby-crowned Kinglet	PIP
<i>Regulus satrapa</i>	Golden-crowned Kinglet	PIP
<i>Sitta canadensis</i>	Red-breasted Nuthatch	PIP
<i>Sitta carolinensis</i>	White-breasted Nuthatch	PIP
<i>Sitta pusilla</i>	Brown-headed Nuthatch	PIP
<i>Dumetella carolinensis</i>	Gray Catbird	PIP
<i>Mimus polyglottos</i>	Northern Mockingbird	PIP
<i>Oreoscoptes montanus</i>	Sage Thrasher	PIP
<i>Sturnus vulgaris</i>	European Starling	PIP
<i>Toxostoma rufum</i>	Brown Thrasher	PIP
<i>Ixoreus naevius</i>	Varied Thrush	PIP
<i>Contopus sordidulus</i>	Western Wood-Pewee	U
<i>Contopus virens</i>	Eastern Wood-Pewee	PIP
<i>Elaenia martinica</i>	Caribbean Elaenia	PIP
<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	PIP
<i>Empidonax minimus</i>	Least Flycatcher	PIP

<i>Empidonax vireescens</i>	Acadian Flycatcher	PIP
<i>Myiarchus cinerascens</i>	Ash-throated Flycatcher	PIP
<i>Myiarchus crinitus</i>	Great Crested Flycatcher	PIP
<i>Pyrocephalus rubinus</i>	Vermilion Flycatcher	PIP
<i>Sayornis phoebe</i>	Eastern Phoebe	PIP
<i>Tyrannus dominicensis</i>	Gray Kingbird	PIP
<i>Tyrannus forficatus</i>	Scissor-tailed Flycatcher	PIP
<i>Tyrannus tyrannus</i>	Eastern Kingbird	PIP
<i>Tyrannus verticalis</i>	Western Kingbird	PIP
<i>Vireo altiloquus</i>	Black-whiskered Vireo	PIP
<i>Vireo bellii</i>	Bell's Vireo	PIP
<i>Vireo flavifrons</i>	Yellow-throated Vireo	PIP
<i>Vireo gilvus</i>	Warbling Vireo	PIP
<i>Vireo griseus</i>	White-eyed Vireo	PIP
<i>Vireo olivaceus</i>	Red-eyed Vireo	PIP
<i>Vireo philadelphicus</i>	Philadelphia Vireo	PIP
<i>Vireo solitarius</i>	Blue-headed Vireo, Solitary Vireo	PIP
<i>Colaptes auratus</i>	Northern Flicker	PIP
<i>Dryocopus pileatus</i>	Pileated Woodpecker	PIP
<i>Melanerpes carolinus</i>	Red-bellied Woodpecker	PIP
<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	PIP
<i>Picoides borealis</i>	Red-cockaded Woodpecker	U
<i>Picoides pubescens</i>	Downy Woodpecker	PIP
<i>Picoides villosus</i>	Hairy Woodpecker	PIP
<i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker	PIP
<i>Caprimulgus carolinensis</i>	Chuck-will's-widow	PIP
<i>Caprimulgus vociferus</i>	Whip-poor-will	PIP
<i>Chordeiles acutipennis</i>	Lesser Nighthawk	PIP
<i>Chordeiles minor</i>	Common Nighthawk	PIP
<i>Asio flammeus</i>	Short-eared Owl	PIP
<i>Athene cunicularia</i>	Burrowing Owl	PIP
<i>Bubo virginianus</i>	Great Horned Owl	PIP
<i>Megascops asio</i>	Eastern Screech-Owl	PIP
<i>Strix varia</i>	Barred Owl	PIP

<i>Tyto alba</i>	Barn Owl, Common Barn-Owl	PIP
Scientific Name	Common Name	Park Status <sup>1</sup>
<i>Fish</i>		
<i>Acipenser oxyrinchus</i>	Atlantic sturgeon, Gulf sturgeon	FR
<i>Acipenser oxyrinchus desotoi</i>	Gulf sturgeon	PIP
<i>Albula vulpes</i>	bonefish	PIP
<i>Halosaurus guentheri</i>	deep sea spiny eel	U
<i>Amia calva</i>	bowfin	PIP
<i>Anguilla rostrata</i>	American eel	PIP
<i>Bathycongrus dubius</i>	dubious conger	U
<i>Paraconger caudilimbatus</i>	margintail conger	U
<i>Rhynchoconger flava</i>	yellow conger	U
<i>Gymnothorax nigromarginatus</i>	blackedge moray	PIP
<i>Gymnothorax ocellatus</i>	Caribbean ocellated moray, moray eel, ocellated moray, spotted moray	PP
<i>Gymnothorax saxicola</i>	honeycomb moray, ocellated moray	PIP
<i>Hoplunnis macrura</i>	freckled pike-conger, freckled pikeconger, silver conger	U
<i>Bascanichthys bascanium</i>	sooty eel	PIP
<i>Echiophis punctifer</i>	snapper eel, stippled spoon-nose eel	PP
<i>Myrophis punctatus</i>	speckled worm eel	PIP
<i>Ophichthus gomesii</i>	shrimp eel	PIP
<i>Ophichthus puncticeps</i>	palespotted eel	PP
<i>Ophichthus rex</i>	king snake eel	U
<i>Synaphobranchus oregoni</i>	cutthroat eel	U
<i>Ijimaia antillarum</i>	jellynose	U
<i>Labidesthes sicculus</i>	brook silverside	PIP
<i>Membras martinica</i>	rough silverside	PIP
<i>Menidia audens</i>	mississippi silverside, Mississippi silverside	PP

<i>Menidia beryllina</i>	inland silverside, tidewater silverside	PIP
<i>Menidia clarkhubbsi</i>	Texas silverside	PP
<i>Menidia menidia</i>	Atlantic silverside	PIP
<i>Menidia peninsulæ</i>	tidewater silverside	PIP
<i>Parasudis truculenta</i>	longnose greeneye	U
<i>Bathypterois viridensis</i>	spiderfish	U
<i>Saurida brasiliensis</i>	largescale lizardfish	U
<i>Synodus foetens</i>	inshore lizardfish	PIP
<i>Synodus intermedius</i>	sand diver	U
<i>Synodus poeyi</i>	offshore lizardfish	U
<i>Trachinocephalus myops</i>	bluntnose lizardfish, snakefish	U
<i>Opsanus beta</i>	Gulf toadfish	PIP
<i>Opsanus pardus</i>	leopard toadfish	PP
<i>Opsanus tau</i>	oyster toadfish	PIP
<i>Porichthys plectrodon</i>	Atlantic midshipman	PIP
<i>Porichthys porosissimus</i>	Atlantic midshipman	PIP
<i>Platybelone argalus</i>	keeltail needlefish	U
<i>Strongylura marina</i>	Atlantic needlefish, silver gar	PIP
<i>Strongylura notata</i>	redfin needlefish	PIP
<i>Strongylura timucu</i>	longjaw, timucu	PIP
<i>Tylosurus crocodilus</i>	houndfish	PP
<i>Prognichthys gibbifrons</i>	bluntnose flyingfish	U
<i>Hemiramphus brasiliensis</i>	ballyhoo	PIP
<i>Hyporhamphus meeki</i>	American halfbeak, false silverstripe halfbeak, Meek's halfbeak	PP
<i>Hyporhamphus unifasciatus</i>	Atlantic silverstripe halfbeak, halfbeak, silverstripe halfbeak	PIP
<i>Oxyporhamphus micropterus</i>	smallwing flyingfish	PP
<i>Corniger spinosus</i>	spinycheek soldierfish	PP
<i>Hoplostethus occidentalis</i>	Atlantic roughy, western roughy	U
<i>Carcharhinus acronotus</i>	blacknose shark	PP
<i>Carcharhinus brevipinna</i>	spinner shark	PIP
<i>Carcharhinus isodon</i>	finetooth shark	PIP

<i>Carcharhinus leucas</i>	bull shark	PIP
<i>Carcharhinus limbatus</i>	blacktip shark	PIP
<i>Negaprion brevirostris</i>	lemon shark	PIP
<i>Rhizoprionodon terraenovae</i>	Atlantic sharpnose shark	PIP
<i>Scyliorhinus retifer</i>	chain catshark, chain dogfish	U
<i>Sphyrna lewini</i>	scalloped hammerhead	PIP
<i>Sphyrna mokarran</i>	great hammerhead	PIP
<i>Sphyrna tiburo</i>	bonnethead, shovelhead	PIP
<i>Mustelus norrisi</i>	Florida smoothhound, narrowfin smooth-hound	U
<i>Hydrolagus alberti</i>	Gulf Chimaera	FR
<i>Alosa alabamæ</i>	Alabama shad, Gulf shad, Ohio shad	PIP
<i>Alosa chrysochloris</i>	blue herring, golden shad, green herring, river herring, skipjack, skipjack herring, skipjack shad	PP
<i>Brevoortia gunteri</i>	finescale menhaden	PP
<i>Brevoortia patronus</i>	Gulf menhaden, largescale menhaden	PIP
<i>Dorosoma cepedianum</i>	American gizzard shad, eastern gizzard shad, gizzard shad, hickory shad, mud shad, skipjack	PIP
<i>Dorosoma petenense</i>	threadfin shad	PIP
<i>Etrumeus teres</i>	Atlantic red herring, Maray, red-eye round herring, round herring	PP
<i>Harengula jaguana</i>	scaled herring, scaled sardine	PIP
<i>Harengula pensacolæ</i>	scaled sardine	PIP
<i>Jenkinsia lamprotaenia</i>	dwarf herring, dwarf round herring	U
<i>Opisthonema oglinum</i>	Atlantic thread herring	PIP
<i>Sardinella anchovia</i>	Spanish sardine	PIP
<i>Sardinella aurita</i>	round sardinella, Spanish sardine	PIP
<i>Anchoa cubana</i>	Cuban anchovy	U

<i>Anchoa hepsetus</i>	broad-striped anchovy, striped anchovy	PIP
<i>Anchoa lyolepis</i>	dusky anchovy, shortfinger anchovy	PIP
<i>Anchoa mitchilli</i>	bay anchovy	PIP
<i>Anchoa nasuta</i>	longnose anchovy	FR
<i>Anchoviella perfasciata</i>	flat anchovy, Poey's anchovy	PIP
<i>Engraulis eurystole</i>	camiguana anchovy, silver anchovy	PIP
<i>Carpiodes carpio</i>	river carpsucker	PIP
<i>Carpiodes cyprinus</i>	quillback, quillback carpsucker	PIP
<i>Carpiodes velifer</i>	highfin carpsucker	PIP
<i>Erimyzon oblongus</i>	creek chubsucker	PP
<i>Erimyzon sucetta</i>	lake chubsucker	PP
<i>Erimyzon tenuis</i>	sharpfin chubsucker	PIP
<i>Hypentelium nigricans</i>	northern hog sucker	PIP
<i>Minytrema melanops</i>	spotted sucker	PP
<i>Cyprinella callistia</i>	Alabama shiner	PIP
<i>Cyprinella camura</i>	blunface shiner	PP
<i>Cyprinella lutrensis</i>	red shiner	PIP
<i>Cyprinella venusta</i>	blacktail shiner	PIP
<i>Cyprinella whipplei</i>	steelcolor shiner	PIP
<i>Hybognathus hayi</i>	cypress minnow	PP
<i>Hybopsis amblops</i>	bigeye chub	U
<i>Hybopsis winchelli</i>	clear chub	U
<i>Luxilus chrysocephalus</i>	striped shiner	PIP
<i>Lythrurus atrapiculus</i>	blacktip shiner	PP
<i>Lythrurus bellus</i>	pretty shiner	PP
<i>Lythrurus fumeus</i>	ribbon shiner	PIP
<i>Lythrurus roseipinnis</i>	cherryfin shiner	PIP
<i>Lythrurus umbratilis</i>	redfin shiner	PIP
<i>Macrhybopsis aestivalis</i>	speckled chub	PIP
<i>Nocomis leptocephalus</i>	bluehead chub	FR
<i>Notemigonus crysoleucas</i>	golden shiner	PIP
<i>Notropis ammophilus</i>	orangefin shiner	PP
<i>Notropis atherinoides</i>	emerald shiner	PIP
<i>Notropis baileyi</i>	rough shiner	PP
<i>Notropis buccatus</i>	silverjaw minnow	PP
<i>Notropis chalybaeus</i>	ironcolor shiner	PIP

<i>Notropis edwardraneyi</i>	fluvial shiner	U
<i>Notropis longirostris</i>	longnose shiner	PP
<i>Notropis maculatus</i>	taillight shiner	PP
<i>Notropis petersoni</i>	coastal shiner	PP
<i>Notropis rafinesquei</i>	Yazoo shiner	PP
<i>Notropis stilbius</i>	silverstripe shiner	PP
<i>Notropis texanus</i>	weed shiner	PIP
<i>Notropis volucellus</i>	mimic shiner	PP
<i>Opsopoeodus emiliae</i>	pugnose minnow	PP
<i>Pimephales notatus</i>	bluntnose minnow	PIP
<i>Pimephales vigilax</i>	bullhead minnow	PIP
<i>Pteronotropis hypselopterus</i>	sailfin shiner	PIP
<i>Pteronotropis signipinnis</i>	flagfin shiner	PIP
<i>Pteronotropis welaka</i>	bluenose shiner	PIP
<i>Semotilus atromaculatus</i>	creek chub	PP
<i>Semotilus thoreauianus</i>	Dixie chub	PP
<i>Cyprinodon variegatus</i>	sheepshead minnow, sheepshead pupfish	PIP
<i>Floridichthys carpio</i>	goldspotted killifish, ocellated killifish	U
<i>Adinia xenica</i>	diamond killifish	PIP
<i>Fundulus auroguttatus</i>	banded topminnow	PP
<i>Fundulus catenatus</i>	northern studfish	U
<i>Fundulus chrysotus</i>	golden topminnow	U
<i>Fundulus cingulatus</i>	banded topminnow	PIP
<i>Fundulus confluentus</i>	marsh killifish	PP
<i>Fundulus dispar</i>	northern starhead topminnow, starhead topminnow	PIP
<i>Fundulus escambiae</i>	russetfin topminnow	PIP
<i>Fundulus grandis</i>	Gulf killifish	PIP
<i>Fundulus heteroclitus</i>	mummichog	PP
<i>Fundulus jenkinsi</i>	saltmarsh topminnow	PIP
<i>Fundulus majalis</i>	striped killifish	U
<i>Fundulus notti</i>	bayou topminnow	PP
<i>Fundulus olivaceus</i>	blackspotted topminnow	PIP
<i>Fundulus pulvereus</i>	bayou killifish	PIP
<i>Fundulus similis</i>	longnose killifish	PIP
<i>Leptolucania ommata</i>	pygmy killifish	PIP
<i>Lucania parva</i>	rainwater killifish	PIP
<i>Gambusia affinis</i>	mosquitofish, western mosquitofish	PIP

<i>Gambusia holbrooki</i>	eastern mosquitofish	PIP
<i>Heterandria formosa</i>	dwarf livebearer, least killifish	U
<i>Poecilia latipinna</i>	sailfin molly	PIP
<i>Elops saurus</i>	ladyfish	PIP
<i>Megalops atlanticus</i>	tarpon	PIP
<i>Esox americanus</i>	grass pickerel, redfin or grass pickerel, redfin pickerel	PP
<i>Esox niger</i>	chain pickerel	PIP
<i>Bregmaceros cantori</i>	striped codlet	U
<i>Urophycis cirrata</i>	Gulf hake	PP
<i>Urophycis floridana</i>	southern codling, southern hake	PIP
<i>Urophycis regia</i>	spotted codling, spotted hake	PIP
<i>Bathygadus macrops</i>	bullseye grenadier	U
<i>Caelorinchus caelorhincus</i>	hollowsnout grenadier, saddled grenadier	U
<i>Caelorinchus carminatus</i>	soldier fish	FR
<i>Caelorinchus caribaeus</i>	blackfin genadier	U
<i>Caelorinchus occa</i>	swordsnout grenadier	U
<i>Coryphaenoides zaniophorus</i>	thickbeard grenadier	U
<i>Hymenocephalus italicus</i>	glasshead grenadier, silver rattail	U
<i>Malacocephalus occidentalis</i>	American straptail grenadier, western softhead grenadier	U
<i>Nezumia aequalis</i>	common Atlantic grenadier, smooth grenadier	U
<i>Nezumia cyrano</i>	common grenadier	FR
<i>Squalogadus modificatus</i>	tadpole whiptail	U
<i>Trachonurus sulcatus</i>	bristly grenadier	U
<i>Trachonurus villosus</i>	furry whiptail	U
<i>Merluccius bilinearis</i>	silver hake	FR
<i>Steindachneria argentea</i>	luminous hake	U
<i>Gadella maraldi</i>	gadella	U
<i>Fistularia petimba</i>	Pacific cornetfish, red cornetfish, smooth flutemouth	PP

<i>Fistularia tabacaria</i>	bluespotted cornetfish, tobacco trumpetfish	U
<i>Macrorhamphosus scolopax</i>	longspine snipefish	U
<i>Anarchopterus criniger</i>	fringed pipefish	PIP
<i>Campichthys galei</i>	Gale's pipefish	FR
<i>Cosmocampus albirostris</i>	whitenose pipefish	PP
<i>Cosmocampus elucens</i>	shortfin pipefish	PP
<i>Hippocampus erectus</i>	lined seahorse, spotted seahorse	PIP
<i>Hippocampus hudsonius</i>	lined seahorse	PIP
<i>Hippocampus zosterae</i>	dwarf seahorse, little seahorse, pygmy seahorse	PIP
<i>Micrognathus crinigerus</i>	fringed pipefish	U
<i>Microphis brachyurus</i>	opossum pipefish, shorttailed pipefish	PIP
<i>Syngnathus floridae</i>	dusky pipefish	PIP
<i>Syngnathus fuscus</i>	northern pipefish	FR
<i>Syngnathus louisianae</i>	chain pipefish	PIP
<i>Syngnathus pelagicus</i>	sargassum pipefish	PIP
<i>Syngnathus scovelli</i>	Gulf pipefish	PIP
<i>Syngnathus springeri</i>	bull pipefish	PIP
<i>Alopias vulpinus</i>	thresher shark	U
<i>Antennarius ocellatus</i>	ocellated frogfish	PP
<i>Antennarius radiosus</i>	big-eyed frogfish, singlespot frogfish	PIP
<i>Antennarius striatus</i>	striated frogfish	PIP
<i>Histrio histrio</i>	sargassum frogfish, sargassumfish	PIP
<i>Chaunax pictus</i>	painted anglerfish, redeye	PP
<i>Lophius gastrophysus</i>	blackfin goosefish	U
<i>Dibranchius atlanticus</i>	Atlantic batfish	U
<i>Halieutichthys aculeatus</i>	pancake batfish	PIP
<i>Ogcocephalus corniger</i>	longnose batfish	PP
<i>Ogcocephalus cubifrons</i>	polka-dot batfish	PIP
<i>Ogcocephalus declivirostris</i>	slantbrow batfish	PP
<i>Ogcocephalus nasutus</i>	shortnose batfish	PIP
<i>Ogcocephalus pantostictus</i>	spotted batfish	PP

<i>Mugil cephalus</i>	black mullet, gray mullet, striped mullet	PIP
<i>Mugil curema</i>	silver mullet, white mullet	PIP
<i>Bolinichthys distofax</i>	fat cresecnt moon lanternfish	U
<i>Bolinichthys supralateralis</i>	stubby lanternfish	U
<i>Diaphus dumerilii</i>	lanternfish	U
<i>Hygophum benoiti</i>	Benoit's lanternfish	U
<i>Myctophum affine</i>	metallic lanternfish	U
<i>Notoscopelus resplendens</i>	patchwork lampfish	U
<i>Neoscopelus macrolepidotus</i>	blackchin lampfish	U
<i>Dasyatis americana</i>	southern stingray	PIP
<i>Dasyatis sabina</i>	Atlantic stingray	PIP
<i>Dasyatis say</i>	bluntnose stingray	PIP
<i>Aetobatus narinari</i>	bonnetray, spotted eagle ray	PIP
<i>Rhinoptera bonasus</i>	cownose ray	PIP
<i>Gunterichthys longipenis</i>	gold brotula	PP
<i>Carapus bermudensis</i>	Atlantic pearlfish, pearlfish	U
<i>Brotula barbata</i>	Atlantic bearded brotula, bearded brotula	U
<i>Lepophidium brevibarbe</i>	blackedge cusk-eel	PP
<i>Lepophidium jeannae</i>	mottled cusk-eel	PP
<i>Lepophidium profundorum</i>	fawn cusk-eel	U
<i>Ophidion grayi</i>	blotched cusk-eel	U
<i>Ophidion holbrookii</i>	bank cusk-eel	PIP
<i>Ophidion josephi</i>	crested cusk-eel	PP
<i>Ophidion selenops</i>	mooneye cusk-eel	U
<i>Ophidion welshi</i>	crested cusk-eel	U
<i>Rhincodon typus</i>	whale shark	U
<i>Leptoderma macrops</i>	grenadier smooth-head	U
<i>Talismania oregoni</i>	Harfin smooth-head	U
<i>Xenodermichthys copei</i>	bluntnout smoothhead	U
<i>Argentina striata</i>	striated argentine	U
<i>Acanthurus chirurgus</i>	doctorfish	PP

<i>Synagrops bellus</i>	blackmouth bass, blackmouth cardinalfish	U
<i>Synagrops spinosus</i>	keelcheek bass	U
<i>Apogon affinis</i>	bigtooth cardinalfish	U
<i>Apogon aurolineatus</i>	bridle cardinalfish	U
<i>Apogon pseudomaculatus</i>	twospot cardinalfish	PP
<i>Chasmodes bosquianus</i>	striped blenny	PIP
<i>Chasmodes saburrae</i>	Florida blenny	PIP
<i>Hypleurochilus geminatus</i>	crested blenny	PIP
<i>Hypleurochilus multifilis</i>	featherduster blenny	PP
<i>Hypsoblennius hentz</i>	feather blenny	PP
<i>Hypsoblennius ionthas</i>	freckled blenny	PIP
<i>Parablennius marmoreus</i>	seaweed blenny	U
<i>Alectis ciliaris</i>	African pompano, threadfin	U
<i>Caranx bartholomaei</i>	yellow jack	PP
<i>Caranx crysos</i>	blue runner	PP
<i>Caranx fusus</i>	blue runner, blue runner	U
<i>Caranx hippos</i>	crevalle jack	PIP
<i>Caranx latus</i>	horse-eye jack	PIP
<i>Chloroscombrus chrysurus</i>	Atlantic bumper	PIP
<i>Decapterus punctatus</i>	round scad	PIP
<i>Hemicaranx amblyrhynchus</i>	bluntnose jack	PP
<i>Oligoplites saurus</i>	leatherjack, leatherjacket	PIP
<i>Selar crumenophthalmus</i>	bigeye scad	PIP
<i>Selene setapinnis</i>	Atlantic moonfish	PP
<i>Selene vomer</i>	lockdown	PIP
<i>Seriola dumerili</i>	greater amberjack	PIP
<i>Seriola rivoliana</i>	almaco jack, Pacific amberjack	PP
<i>Seriola zonata</i>	banded rubberfish, banded rudderfish	PIP
<i>Trachinotus carolinus</i>	Florida pompano	PIP
<i>Trachinotus falcatus</i>	permit	PIP
<i>Trachurus lathami</i>	rough scad	PP
<i>Ambloplites ariommus</i>	shadow bass	PP
<i>Ambloplites rupestris</i>	rock bass	PIP

<i>Enneacanthus gloriosus</i>	bluespotted sunfish	PIP
	banded sunfish, diamond sunfish, little sunfish	PP
<i>Enneacanthus obesus</i>		PP
<i>Lepomis auritus</i>	redbreast sunfish	PIP
<i>Lepomis cyanellus</i>	green sunfish	PIP
<i>Lepomis gulosus</i>	warmouth	PIP
<i>Lepomis humilis</i>	orangespotted sunfish	PIP
<i>Lepomis macrochirus</i>	bluegill	PIP
<i>Lepomis marginatus</i>	dollar sunfish	PIP
<i>Lepomis megalotis</i>	longear sunfish	PIP
<i>Lepomis microlophus</i>	redeer sunfish	PIP
	redspotted sunfish, scarlet sunfish	PP
<i>Lepomis miniatus</i>		PP
<i>Lepomis punctatus</i>	spotted sunfish	PIP
<i>Micropterus punctulatus</i>	spotted bass	U
<i>Micropterus salmoides</i>	largemouth bass	PIP
<i>Pomoxis annularis</i>	white crappie	PIP
<i>Pomoxis nigromaculatus</i>	black crappie	PIP
	Nile mouthbreeder, Nile tilapia	PIP
<i>Oreochromis niloticus</i>		PIP
<i>Coryphaena hippurus</i>	dolphin, dolphinfish	PIP
<i>Dactyloscopus moorei</i>	speckled stargazer	PP
<i>Dactyloscopus tridigitatus</i>	sand stargazer	PP
<i>Echeneis naucrates</i>	sharksucker	PIP
<i>Echeneis neucratoides</i>	whitefin sharksucker	PP
	Everglades pygmy sunfish	PP
<i>Elassoma evergladei</i>		PP
	Okefenokee pygmy sunfish	PIP
<i>Elassoma okefenokee</i>		PIP
<i>Elassoma zonatum</i>	banded pygmy sunfish	PIP
<i>Dormitator maculatus</i>	fat sleeper	PIP
	largescaled spinycheek sleeper	PP
<i>Eleotris amblyopsis</i>		PP
<i>Eleotris picta</i>	spotted sleeper	PIP
<i>Erotelis smaragdus</i>	emerald sleeper	PP
<i>Gobiomorus maculatus</i>	Pacific sleeper	FR
<i>Chaetodipterus faber</i>	Atlantic spadefish	PIP
<i>Epigonus pandionis</i>	black mullet	U
<i>Lepidocybium flavobrunneum</i>	escolar	U

<i>Neopinnula americana</i>	American sackfish	U
<i>Ruvettus pretiosus</i>	oilfish	U
<i>Eucinostomus argenteus</i>	spotfin mojarra	PIP
<i>Eucinostomus gula</i>	silver jenny	PIP
	mottled mojarra	U
<i>Eucinostomus lefroyi</i>		U
<i>Gerres cinereus</i>	yellowfin mojarra	PIP
<i>Gobiesox strumosus</i>	skilletfish	PIP
<i>Bathygobius soporator</i>	frillfin goby	PIP
	ragged goby	U
<i>Bollmannia communis</i>		U
<i>Ctenogobius boleosoma</i>	darther goby	PIP
<i>Ctenogobius shufeldti</i>	freshwater goby	PIP
<i>Ctenogobius stigmaticus</i>	marked goby	PIP
<i>Ctenogobius stigmaturus</i>	spottail goby	U
<i>Evorthodus lyricus</i>	lyre goby	PIP
<i>Gobiooides broussonnetii</i>	violet goby	PIP
	darther goby	PIP
<i>Gobionellus boleosoma</i>		PIP
	highfin goby, sharptail goby, slim goby	PIP
<i>Gobionellus hastatus</i>		PIP
	highfin goby, sharptail goby, slim goby	PIP
<i>Gobionellus oceanicus</i>		PIP
<i>Gobiosoma bosc</i>	naked goby	PIP
<i>Gobiosoma longipala</i>	twoscale goby	PIP
<i>Gobiosoma robustum</i>	code goby	PIP
<i>Microgobius carri</i>	Seminole goby	PP
<i>Microgobius gulosus</i>	clown goby	PIP
<i>Microgobius thalassinus</i>	green goby	PIP
<i>Conodon nobilis</i>	barred grunt	U
<i>Haemulon aurolineatum</i>	tomtate	PP
<i>Haemulon macrostomum</i>	Spanish grunt	U
<i>Haemulon plumierii</i>	white grunt	PIP
<i>Orthopristis chrysoptera</i>	pigfish	PIP
<i>Pomadasys corvinaeformis</i>	roughneck grunt	U
	Atlantic sailfish, bayonet fish, Indo-Pacific sailfish, sailfish	PP
<i>Istiophorus platypterus</i>		PP
<i>Kyphosus sectatrix</i>	Bermuda chub	PP
<i>Bodianus pulchellus</i>	spotfin hogfish	U
<i>Halichoeres bivittatus</i>	slippery dick	PIP

<i>Lachnolaimus maximus</i>	hogfish	U
<i>Xyrichtys novacula</i>	pearly razorfish	PP
<i>Paraclinus fasciatus</i>	banded blenny	PP
<i>Lobotes surinamensis</i>	Atlantic tripletail, tripletail	PIP
<i>Lutjanus analis</i>	mutton snapper	PIP
<i>Lutjanus apodus</i>	schoolmaster, schoolmaster snapper	PIP
<i>Lutjanus campechanus</i>	northern red snapper, red snapper	PIP
<i>Lutjanus griseus</i>	gray snapper, grey snapper	PIP
<i>Lutjanus synagris</i>	lane snapper	PIP
<i>Pristipomoides aquilonaris</i>	wenchman	U
<i>Rhomboplites aurorubens</i>	vermilion snapper	PIP
<i>Caulolatilus intermedius</i>	anchor tilefish	U
<i>Microdesmus lanceolatus</i>	lancetail wormfish	U
<i>Microdesmus longipinnis</i>	pink wormfish	PP
<i>Morone chrysops</i>	white bass	PIP
<i>Morone saxatilis</i>	rockfish, striped bass	PIP
<i>Mullus auratus</i>	red goatfish	U
<i>Upeneus parvus</i>	dwarf goatfish	PP
<i>Nomeus gronovii</i>	man-of-war fish	PP
<i>Opistognathus macrognathus</i>	banded jawfish, longjaw jawfish, spotfin jawfish	PP
<i>Opistognathus maxillosus</i>	mottled jawfish	U
<i>Ammocrypta beanii</i>	naked sand darter	PIP
<i>Ammocrypta bifascia</i>	Florida sand darter	PIP
<i>Ammocrypta vivax</i>	scaly sand darter	PIP
<i>Etheostoma asprigene</i>	mud darter	PP
<i>Etheostoma caeruleum</i>	rainbow darter	PIP
<i>Etheostoma chlorosoma</i>	bluntnose darter	U
<i>Etheostoma colorosum</i>	coastal darter	PP
<i>Etheostoma davisoni</i>	Choctawhatchee darter	PIP
<i>Etheostoma edwini</i>	brown darter	PIP
<i>Etheostoma fusiforme</i>	swamp darter	U
<i>Etheostoma gracile</i>	slough darter	PP

<i>Etheostoma histrio</i>	harlequin darter	PP
<i>Etheostoma lynceum</i>	brighteye darter	PP
<i>Etheostoma nigripinne</i>	blackfin darter	PP
<i>Etheostoma nigrum</i>	johnny darter	PIP
<i>Etheostoma parvipinne</i>	goldstripe darter	PIP
<i>Etheostoma proeliare</i>	cypress darter	PIP
<i>Etheostoma rubrum</i>	bayou darter	FR
<i>Etheostoma rupestre</i>	rock darter	PP
<i>Etheostoma stigmaeum</i>	speckled darter	PIP
<i>Etheostoma swaini</i>	Gulf darter	PIP
<i>Etheostoma whipplei</i>	redfin darter	PIP
<i>Etheostoma zonale</i>	banded darter	U
<i>Percina aurora</i>	pearl darter	PIP
<i>Percina austroperca</i>	southern logperch	PP
<i>Percina maculata</i>	blackside darter	PP
<i>Percina nigrofasciata</i>	blackbanded darter	PP
<i>Percina ouachitae</i>	saddleback darter	FR
<i>Percina sciera</i>	dusky darter	PP
<i>Percina shumardi</i>	river darter	PP
<i>Percina suttkusi</i>	Gulf logperch	U
<i>Percina uranidea</i>	stargazing darter	U
<i>Percina vigil</i>	saddleback darter	PP
<i>Bembrops anatirostris</i>	duckbill flathead, longnose duckbill	U
<i>Bembrops gobioides</i>	goby duckbill, goby flathead	U
<i>Polydactylus octonemus</i>	Atlantic threadfin	PIP
<i>Polydactylus virginicus</i>	barbu	PP
<i>Holacanthus bermudensis</i>	blue angelfish	PP
<i>Abudefduf saxatilis</i>	sergeant major	PIP
<i>Stegastes fuscus</i>	dusky damselfish	U
<i>Stegastes variabilis</i>	cocoa damselfish	PIP
<i>Pomatomus saltatrix</i>	bluefish	PIP
<i>Priacanthus alta</i>	short bigeye	U
<i>Priacanthus arenatus</i>	Atlantic bigeye	U
<i>Pristigenys alta</i>	short bigeye	U
<i>Rachycentron canadum</i>	cobia	PIP
<i>Nicholsina usta</i>	emerald parrotfish	PP
<i>Sparisoma radians</i>	bucktooth parrotfish	PP

<i>Bairdiella chrysoura</i>	silver perch	PIP
<i>Cynoscion arenarius</i>	sand seatrout	PIP
<i>Cynoscion nebulosus</i>	spotted seatrout	PIP
<i>Cynoscion nothus</i>	silver seatrout	PIP
<i>Larimus fasciatus</i>	banded drum	PP
<i>Leiostomus xanthurus</i>	spot	PIP
<i>Menticirrhus americanus</i>	jewsharp drummer, southern kingfish	PIP
<i>Menticirrhus focaliger</i>	Gulf minkfish	PIP
<i>Menticirrhus littoralis</i>	Gulf kingfish	PIP
<i>Menticirrhus saxatilis</i>	Gulf minkfish, northern kingfish	PIP
<i>Microgogonias undulatus</i>	Atlantic croaker	PIP
<i>Pareques umbrosus</i>	cubbyu	U
<i>Pogonias cromis</i>	black drum	PIP
<i>Sciaenops ocellatus</i>	red drum	PIP
<i>Stellifer lanceolatus</i>	star drum	PIP
<i>Auxis rochei</i>	bullet mackerel, bullet tuna, long corseletted frigate mackerel	PP
<i>Euthynnus alletteratus</i>	false albacore, little tuna, little tunny	PIP
<i>Scomber japonicus</i>	chub mackerel, common mackerel, Pacific chub mackerel, Pacific mackerel	U
<i>Scomberomorus maculatus</i>	Atlantic Spanish mackerel, Spanish mackerel	PIP
<i>Bathyanthias mexicanus</i>	yellowtail bass	U
<i>Centropristis ocyurus</i>	bank sea bass	PP
<i>Centropristis philadelphica</i>	rock sea bass	PIP
<i>Centropristis striata</i>	black sea bass	PIP
<i>Cephalopholis fulva</i>	coney	U
<i>Diplectrum bivittatum</i>	dwarf sand perch	PIP
<i>Diplectrum formosum</i>	sand perch	PIP
<i>Epinephelus flavolimbatus</i>	yellowedge grouper	U
<i>Epinephelus morio</i>	red grouper	PIP
<i>Epinephelus nigritus</i>	warsaw grouper	PIP

<i>Gonioplectrus hispanus</i>	Spanish flag	PP
<i>Hemanthias leptus</i>	longtail bass	U
<i>Mycteroperca bonaci</i>	black grouper	PP
<i>Mycteroperca microlepis</i>	charcoal belly, gag	PIP
<i>Mycteroperca phenax</i>	scamp	PIP
<i>Serraniculus pumilio</i>	pygmy sea bass	PIP
<i>Serranus atrobranchus</i>	blackear bass	PP
<i>Serranus phoebe</i>	tattler	PP
<i>Serranus subligarius</i>	belted sandfish	PIP
<i>Archosargus probatocephalus</i>	sheepshead	PIP
<i>Calamus arctifrons</i>	grass porgy	PIP
<i>Calamus proridens</i>	littlehead porgy	PP
<i>Diplodus holbrookii</i>	spottail pinfish	PIP
<i>Lagodon rhomboides</i>	pinfish	PIP
<i>Stenotomus caprinus</i>	longspine porgy	PIP
<i>Sphyaena barracuda</i>	great barracuda	PIP
<i>Sphyaena borealis</i>	northern sennet	PIP
<i>Sphyaena guachancho</i>	guaguanche	PIP
<i>Sphyaena picudilla</i>	southern sennet	PIP
<i>Peprilus burti</i>	Gulf butterfish	PIP
<i>Peprilus paru</i>	harvestfish, northern harvestfish, northern harvestfish	PP
<i>Peprilus triacanthus</i>	butterfish	FR
<i>Trichiurus lepturus</i>	Atlantic cutlassfish, Australian hairtail, largehead hairtail	PIP
<i>Astroscopus y-graecum</i>	southern stargazer	PIP
<i>Gnathagnus egregius</i>	freckled stargazer	U
<i>Kathetostoma albigutta</i>	lancer stargazer	PP
<i>Lycenchelys bullisi</i>	eelpout	U
<i>Aphredoderus sayanus</i>	pirate perch	PIP
<i>Ichthyomyzon gagei</i>	southern brook lamprey	PIP
<i>Achirus lineatus</i>	lined sole	PIP
<i>Gymnachirus texae</i>	fringed sole	PIP
<i>Trinectes maculatus</i>	hogchoker	PIP
<i>Symphurus civitatum</i>	offshore tonguefish	PIP
<i>Symphurus diomedeanus</i>	spottedfin tonguefish	U

<i>Symphurus marginatus</i>	marginated tonguefish, marginated tonguefish, slender tonguefish	U
<i>Symphurus piger</i>	deepwater tonguefish	U
<i>Symphurus plagiosa</i>	blackcheek tonguefish	PIP
<i>Ancylosetta dilecta</i>	three-eye flounder	U
<i>Ancylosetta quadrocellata</i>	ocellated flounder	PIP
<i>Citharichthys macrops</i>	spotted whiff	PP
<i>Citharichthys spilopterus</i>	bay whiff	PIP
<i>Cyclosetta chittendeni</i>	Mexican flounder	PIP
<i>Cyclosetta fimbriata</i>	spotfin flounder	PIP
<i>Etropus crossotus</i>	fringed flounder	PP
<i>Etropus microstomus</i>	smallmouth flounder	FR
<i>Etropus rimosus</i>	gray flounder	PP
<i>Paralichthys albigutta</i>	Gulf flounder	PIP
<i>Paralichthys lethostigma</i>	southern flounder	PIP
<i>Paralichthys squamilentus</i>	broad flounder	PIP
<i>Syacium gunteri</i>	shoal flounder	PIP
<i>Syacium micrurum</i>	channel flounder	U
<i>Syacium papillosum</i>	dusky flounder	PIP
<i>Poecilopsetta beani</i>	deepwater dab	U
<i>Polymixia lowei</i>	beardfish	U
<i>Pristis pectinata</i>	smalltooth sawfish, wide sawfish	H
<i>Anacanthobatis foliostris</i>	leaf-nose leg skate	U
<i>Dipturus teevani</i>	Caribbean skate	U
<i>Fenestraja sinuomexicanus</i>	Gulf of Mexico pygmy skate, Gulf skate	U
<i>Raja teevani</i>	Caribbean skate, prickly brown ray	U
<i>Raja texana</i>	roundel skate	PIP
<i>Rhinobatos lentiginosus</i>	Atlantic guitarfish	PIP
<i>Salvelinus fontinalis</i>	brook trout, charr, salter, sea trout	FR
<i>Cephalacanthus spinarella</i>	flying gurnard	PIP
<i>Dactylopterus volitans</i>	flying gurnard	U
<i>Aploactis aspera</i>	dusky veveftfish	FR
<i>Pontinus longispinis</i>	longspine scorpionfish	U
<i>Scorpaena brasiliensis</i>	barbfish, goosehead scorpionfish	PP

<i>Scorpaena calcarata</i>	smoothhead scorpionfish	PP
<i>Scorpaena dispar</i>	hunchback scorpionfish	U
<i>Scorpaena ergastulorum</i>	red scorpionfish	FR
<i>Setarches guentheri</i>	deepwater scorpionfish	U
<i>Bellator militaris</i>	horned searobin	U
<i>Peristedion ecuadorensis</i>	armored searobin	U
<i>Peristedion gracile</i>	slender searobin	U
<i>Peristedion greyae</i>	alligator searobin, prickly searobin	U
<i>Peristedion miniatum</i>	armored searobin	U
<i>Prionotus evolans</i>	striped searobin	U
<i>Prionotus longispinosus</i>	bigeye searobin	PIP
<i>Prionotus ophryas</i>	bandtail searobin	PP
<i>Prionotus paralatus</i>	Mexican searobin	PP
<i>Prionotus roseus</i>	bluespotted searobin	U
<i>Prionotus rubio</i>	blackfin searobin, blackwing searobin	PIP
<i>Prionotus scitulus</i>	leopard searobin	PIP
<i>Prionotus stearnsi</i>	shortwing searobin	PP
<i>Prionotus tribulus</i>	bighead searobin	PIP
<i>Atractosteus spatula</i>	alligator gar	PIP
<i>Lepisosteus oculatus</i>	shortnose gar, spotted gar	PIP
<i>Lepisosteus osseus</i>	longnose gar	PIP
<i>Lepisosteus platyrhincus</i>	Florida gar	PIP
<i>Lepisosteus spatula</i>	alligator gar	PIP
<i>Ariopsis felis</i>	hardhead catfish	PIP
<i>Bagre marinus</i>	gafftopsail catfish	PIP
<i>Galeichthys felis</i>	sea catfish	PIP
<i>Ameiurus catus</i>	white bullhead, white catfish	PIP
<i>Ameiurus melas</i>	black bullhead	PIP
<i>Ameiurus natalis</i>	yellow bullhead	PIP
<i>Ameiurus nebulosus</i>	brown bullhead	PIP
<i>Ictalurus furcatus</i>	blue catfish	PIP
<i>Ictalurus punctatus</i>	channel catfish, graceful catfish	PIP
<i>Noturus funebris</i>	black madtom	PIP

<i>Noturus gyrinus</i>	tadpole madtom	PIP
<i>Noturus hildebrandi</i>	least madtom	U
<i>Noturus leptacanthus</i>	speckled madtom	PIP
<i>Noturus miurus</i>	brindled madtom	PP
<i>Noturus munitus</i>	frecklebelly madtom	PP
<i>Noturus nocturnus</i>	freckled madtom	PIP
<i>Pyiodictis olivaris</i>	flathead catfish	PIP
<i>Etmopterus hillianus</i>	blackbelly dogfish, Caribbean lanternshark	U
<i>Etmopterus schultzi</i>	fringe-fin lantern shark, fringe-fin lanternshark	U
<i>Etmopterus virens</i>	green lantern shark, green lanternshark	U
<i>Squalus cubensis</i>	Cuban dogfish	U
<i>Gonostoma elongatum</i>	longtooth anglemouth	U
<i>Yarella blackfordi</i>	stareye lightfish	U
<i>Polyipnus asteroides</i>	shortspine tenplate	U
<i>Sternoptyx diaphana</i>	diaphanous hatchetfish, transparent hatchetfish	U
<i>Chauliodus sloani</i>	Sloan's fangfish, Sloan's viperfish, Sloane's viperfish	U
<i>Stomias affinis</i>	scaly dragonfish	U
<i>Balistes capricus</i>	gray triggerfish	PIP
<i>Chilomycterus schoepfii</i>	burrfish, porcupinefish, striped burrfish	PIP
<i>Diodon holocanthus</i>	balloonfish, hairy porcupinefish	PP
<i>Aluterus heudelotii</i>	dotterel filefish	U
<i>Aluterus schoepfii</i>	orange filefish	PIP
<i>Cantherhines pullus</i>	orangespotted filefish	U
<i>Monacanthus ciliatus</i>	fringed filefish	PP
<i>Stephanolepis hispidus</i>	planehead filefish	PIP
<i>Stephanolepis setifer</i>	pygmy filefish	PP
<i>Acanthostracion quadricornis</i>	scrawled cowfish	PIP
<i>Lactophrys trigonus</i>	trunkfish	FR
<i>Lactophrys triqueter</i>	smooth trunkfish	U
<i>Lagocephalus laevigatus</i>	smooth puffer	PP
<i>Sphoeroides dorsalis</i>	marbled puffer	U
<i>Sphoeroides nephelus</i>	southern puffer	PIP

<i>Sphoeroides parvus</i>	least puffer	PIP
<i>Sphoeroides spengleri</i>	bandtail puffer	U
<i>Sphoeroides testudineus</i>	checkered puffer	U
<i>Narcine bancroftii</i>	lesser electric ray	PIP
<i>Narcine brasiliensis</i>	lesser electric ray	PIP
<i>Xenolepidichthys dalgleishi</i>	spotted tinseltail	U
<i>Cyttopsis rosea</i>	red dory	U
<i>Zenopsis conchifera</i>	American john dory, buckler dory	U
Scientific Name	Common Name	Park Status <sup>1</sup>
Mammals		
<i>Odocoileus virginianus</i>	white-tailed deer	PIP
<i>Canis familiaris</i>	domestic dog, domestic dog (feral)	PIP
<i>Canis latrans</i>	coyote	PIP
<i>Canis rufus</i>	red wolf	H
<i>Urocyon cinereoargenteus</i>	common gray fox, gray fox	PIP
<i>Vulpes fulva</i>	black fox, cross fox, red fox, silver fox	U
<i>Vulpes vulpes</i>	red fox	PIP
<i>Felis catus</i>	domestic cat	PIP
<i>Felis concolor</i>	mountain lion	U
<i>Lynx rufus</i>	bobcat	PIP
<i>Mephitis mephitis</i>	striped skunk	PIP
<i>Spilogale putorius</i>	eastern spotted skunk, spotted skunk	FR
<i>Lutra canadensis</i>	river otter	PIP
<i>Mustela frenata</i>	long-tailed weasel	U
<i>Mustela vison</i>	American mink, mink	PIP
<i>Zalophus californianus</i>	California sea lion, California sealion	U
<i>Procyon lotor</i>	common raccoon, northern raccoon, raccoon	PIP
<i>Ursus americanus</i>	American black bear, black bear	PIP
<i>Eubalaena glacialis</i>	black right whale, northern right whale	U
<i>Balaenoptera acutorostrata</i>	minke whale, northern minke whale	U
<i>Balaenoptera borealis</i>	sei whale	U

<i>Balaenoptera edeni</i>	Eden's whale	U
<i>Balaenoptera musculus</i>	blue whale	U
<i>Balaenoptera physalus</i>	fin whale, finback whale	PP
<i>Megaptera novaeangliae</i>	humpback whale	U
	common dolphin, saddle-backed dolphin, short-beaked common dolphin, short-beaked saddle-backed dolphin, short-beaked saddleback dolphin	U
<i>Delphinus delphis</i>		U
<i>Feresa attenuata</i>	pygmy killer whale	U
<i>Globicephala macrorhynchus</i>	short-finned pilot whale	PIP
<i>Grampus griseus</i>	grampus, Risso's dolphin	U
<i>Orcinus orca</i>	killer whale, orca	U
<i>Pseudorca crassidens</i>	false killer whale	U
<i>Stenella coeruleoalba</i>	striped dolphin	PP
<i>Stenella frontalis</i>	Atlantic spotted dolphin	PIP
	long-snouted spinner dolphin, spinner dolphin	U
<i>Stenella longirostris</i>		U
<i>Steno bredanensis</i>	rough-toothed dolphin	U
	bottlenose dolphin, bottlenosed dolphin	PIP
<i>Tursiops truncatus</i>		PIP
<i>Kogia breviceps</i>	pygmy sperm whale	PIP
<i>Kogia sima</i>	dwarf sperm whale	U
<i>Physeter macrocephalus</i>	sperm whale	PIP
	Gervais' beaked whale, Gervais's beaked whale	U
<i>Mesoplodon europaeus</i>		U
	Cuvier's beaked whale, goose-beaked whale, goosebeak whale	U
<i>Ziphius cavirostris</i>		U
<i>Tadarida brasiliensis</i>	Brazilian free-tailed bat	PIP
<i>Eptesicus fuscus</i>	big brown bat	PIP
<i>Lasiurus borealis</i>	eastern red bat, red bat	U
<i>Lasiurus cinereus</i>	hoary bat	U
<i>Lasiurus intermedius</i>	northern yellow bat	U
<i>Lasiurus seminolus</i>	Seminole bat	PIP
<i>Myotis austroriparius</i>	southeastern myotis	U
	little brown bat, little brown myotis	U
<i>Myotis lucifugus</i>		U

<i>Nycticeius humeralis</i>	evening bat	PIP
<i>Pipistrellus subflavus</i>	eastern pipistrelle	U
	Rafinesque's big-eared bat	U
<i>Plecotus rafinesquii</i>		U
<i>Didelphis virginiana</i>	Virginia opossum	PIP
	mole shrew, northern short-tailed shrew, short- tailed shrew	U
<i>Blarina brevicauda</i>		U
	bee shrew, least shrew, little short-tailed shrew, small short-tailed shrew	U
<i>Cryptotis parva</i>		U
<i>Scalopus aquaticus</i>	eastern mole, topos	PIP
<i>Sylvilagus aquaticus</i>	swamp rabbit	PIP
<i>Sylvilagus floridanus</i>	eastern cottontail	PIP
<i>Homo sapiens</i>	human, man	PIP
<i>Castor canadensis</i>	american beaver, beaver	PIP
<i>Myocastor coypus</i>	coypu, nutria	PIP
	southeastern pocket gopher	U
<i>Geomys pinetis</i>		U
<i>Microtus pinetorum</i>	pine vole, woodland vole	U
<i>Mus musculus</i>	house mouse	PIP
<i>Neotoma floridana</i>	eastern woodrat	U
<i>Ochrotomys nuttalli</i>	golden mouse	U
<i>Ondatra zibethicus</i>	muskbeaver, muskrat	PIP
<i>Oryzomys palustris</i>	marsh rice rat	PIP
<i>Peromyscus gossypinus</i>	cotton mouse	U
<i>Peromyscus polionotus</i>	oldfield mouse	U
<i>Peromyscus polionotus leucocephalus</i>	Santa Rosa beach deer mouse	PIP
<i>Peromyscus polionotus trissyllepsis</i>	Perdido Key beach mouse	PIP
<i>Rattus norvegicus</i>	Norway rat	PIP
<i>Rattus rattus</i>	black rat	PIP
<i>Reithrodontomys humulis</i>	eastern harvest mouse	U
<i>Sigmodon hispidus</i>	hispid cotton rat	PIP
<i>Glaucomys sabrinus coloratus</i>	Carolina northern flying squirrel	U
<i>Glaucomys volans</i>	southern flying squirrel	PIP
	eastern gray squirrel, gray squirrel	PIP
<i>Sciurus carolinensis</i>		PIP
	eastern fox squirrel, fox squirrel	PIP
<i>Sciurus niger</i>		PIP

<i>Tamias striatus</i>	eastern chipmunk	U
<i>Trichechus manatus</i>	Antillean manatee, Caribbean manatee, Florida manatee, manatee, West Indian manatee	PIP
<i>Dasyopus novemcinctus</i>	long-nosed armadillo, nine-banded armadillo	PIP
<b>Scientific Name</b>	<b>Common Name</b>	<b>Park Status<sup>1</sup></b>
<b>Reptiles</b>		
<i>Alligator mississippiensis</i>	alligator, American Alligator, Florida alligator, gator, Louisiana alligator, Mississippi alligator	PIP
<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	U
<i>Ophisaurus ventralis</i>	Eastern Glass Lizard	PIP
<i>Carphophis amoenus helenae</i>	Midwest Worm Snake	U
<i>Cemophora coccinea</i>	Scarlet Snake	PIP
<i>Cemophora coccinea coccinea</i>	Florida Scarlet Snake	PIP
<i>Cemophora coccinea copei</i>	Northern Scarlet Snake	U
<i>Coluber constrictor</i>	Racer	PIP
<i>Coluber constrictor latrunculus</i>	Black-masked Racer	PIP
<i>Coluber constrictor priapus</i>	Southern Black Racer	PIP
<i>Diadophis punctatus</i>	Ring-necked Snake, Ringneck Snake	PIP
<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	PP
<i>Elaphe guttata</i>	Corn Snake, Cornsnake	PIP
<i>Elaphe obsoleta</i>	Rat Snake, Texas Ratsnake	PIP
<i>Farancia abacura reinwardtii</i>	Western Mud Snake	U
<i>Farancia erythrogramma erythrogramma</i>	Rainbow Snake	U
<i>Heterodon platyrhinos</i>	eastern hog-nosed snake	H

<i>Heterodon simus</i>	Southern Hog-nosed Snake	U
<i>Lampropeltis calligaster rhombomaculata</i>	Mole Kingsnake	U
<i>Lampropeltis getula</i>	Common Kingsnake	PIP
<i>Lampropeltis getula holbrooki</i>	Speckled Kingsnake	PIP
<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	U
<i>Masticophis flagellum</i>	Coachwhip	PIP
<i>Natrix rhombifer rhombifer</i>	Diamondback watersnake	FR
<i>Nerodia clarkii</i>	Salt Marsh Water Snake, Saltmarsh Snake	PIP
<i>Nerodia cyclopion</i>	Green Water Snake, Mississippi Green Water Snake	PIP
<i>Nerodia erythrogaster</i>	Plain-bellied Water Snake	PIP
<i>Nerodia fasciata</i>	Southern Water Snake	PIP
<i>Nerodia floridana</i>	Florida Green Water Snake	PIP
<i>Nerodia sipedon pleuralis</i>	Midland Water Snake	U
<i>Nerodia taxispilota</i>	Brown Water Snake	PIP
<i>Ophedrys aestivus</i>	Rough Green Snake, Rough Greensnake	PIP
<i>Pituophis melanoleucus lodingi</i>	Black Pine Snake	U
<i>Regina rigida sinicola</i>	Gulf Crawfish Snake	U
<i>Rhadinaea flavilata</i>	Pine Woods Snake	U
<i>Storeria dekayi</i>	Brown Snake, Dekay's Brown Snake, DeKay's Brownsnake	H
<i>Storeria occipitomaculata</i>	Red-bellied Snake, Redbelly Snake	PIP
<i>Tantilla coronata</i>	Southeastern Crowned Snake	PIP
<i>Thamnophis proximus</i>	Western Ribbon Snake	U
<i>Thamnophis sauritus</i>	Eastern Ribbon Snake	PIP
<i>Thamnophis sirtalis</i>	Common Garter Snake	PIP
<i>Virginia striatula</i>	Rough Earth Snake, Rough Earthsnake	U
<i>Virginia valeriae elegans</i>	Western Earth Snake	U

<i>Micrurus fulvius</i>	Harlequin Coralsnake, Northern Coral Snake	PIP
<i>Hemidactylus turcicus</i>	Mediterranean Gekko, Mediterranean House Gecko	PIP
<i>Sceloporus undulatus</i>	Eastern Fence Lizard, Fence Lizard, Plateau Lizard, Prairie Lizard	PIP
<i>Anolis carolinensis</i>	Green Anole	PIP
<i>Eumeces anthracinus pluvialis</i>	Southern Coal Skink	U
<i>Eumeces egregius</i>	Mole Skink	H
<i>Eumeces fasciatus</i>	Five-lined Skink	U
<i>Eumeces inexpectatus</i>	Southeastern Five-lined Skink	PIP
<i>Eumeces laticeps</i>	Broad-headed Skink	PIP
<i>Scincella lateralis</i>	Ground Skink, Little Brown Skink	PIP
<i>Cnemidophorus sexlineatus</i>	Six-lined Racerunner	PIP
<i>Agkistrodon contortrix contortrix</i>	Southern Copperhead	PIP
<i>Agkistrodon piscivorus</i>	Cottonmouth	PIP
<i>Agkistrodon piscivorus conanti</i>	Florida Cottonmouth	PP
<i>Agkistrodon piscivorus leucostoma</i>	Western Cottonmouth	PIP
<i>Agkistrodon piscivorus piscivorus</i>	Eastern Cottonmouth	PIP
<i>Crotalus adamanteus</i>	Eastern Diamond- backed Rattlesnake, Eastern Diamondback Rattlesnake	PIP
<i>Crotalus horridus atridaudatus</i>	canerake rattlesnake	U
<i>Sistrurus miliarius</i>	Pigmy Rattlesnake, Pygmy Rattlesnake	PIP
<i>Sistrurus miliarius barbouri</i>	Dusky Pigmy Rattlesnake	U
<i>Sistrurus miliarius miliarius</i>	Carolina Pigmy Rattlesnake	PIP
<i>Caretta caretta</i>	Loggerhead, loggerhead sea turtle	PIP
<i>Chelonia mydas</i>	common green sea turtle, Green Sea Turtle	PIP

<i>Eretmochelys imbricata</i>	carey, Hawksbill, hawksbill sea turtle	PIP
<i>Lepidochelys kempii</i>	Atlantic ridley, Atlantic ridley sea turtle, Kemp's Ridley, Kemp's ridley sea turtle	PIP
<i>Chelydra serpentina</i>	common snapping turtle, Snapping Turtle	PIP
<i>Macrolemys temminckii</i>	alligator snapping turtle	PIP
<i>Dermochelys coriacea</i>	Leatherback, leatherback sea turtle, leatherback turtle, tinglar	PIP
<i>Chrysemys concinna</i>	river cooter	PIP
<i>Chrysemys floridana</i>	Florida cooter	U
<i>Chrysemys picta dorsalis</i>	Southern Painted Turtle	U
<i>Chrysemys scripta</i>	Slider	PIP
<i>Deirochelys reticularia</i>	Chicken Turtle	PIP
<i>Graptemys flavimaculata</i>	sawback turtle, Yellow- blotched Map Turtle, yellow-blotched sawback	U
<i>Graptemys pulchra</i>	Alabama Map Turtle	U
<i>Malaclemys terrapin</i>	Diamondback Terrapin	PIP
<i>Pseudemys concinna</i>	River Cooter	PIP
<i>Pseudemys floridana</i>	Common Cooter	PIP
<i>Terrapene carolina</i>	common box turtle, Eastern Box Turtle	PIP
<i>Trachemys scripta</i>	Common Slider, slider	PIP
<i>Trachemys scripta elegans</i>	Red-eared Slider	PIP
<i>Kinosternon subrubrum</i>	common mud turtle, Eastern Mud Turtle	PIP
<i>Sternotherus carinatus</i>	Razor-backed Musk Turtle	H
<i>Sternotherus minor peltifer</i>	stripeneck musk turtle	U
<i>Sternotherus odoratus</i>	Common Musk Turtle	U
<i>Gopherus polyphemus</i>	Gopher Tortoise	PIP
<i>Apalone mutica calvata</i>	Gulf Coast Smooth Softshell Turtle	U
<i>Apalone spinifera aspera</i>	Gulf Coast Spiny Softshell Turtle	U

Scientific Name	Common Name	Park Status <sup>1</sup>
<i>Vascular Plants</i>		
<i>Alisma subcordatum</i>	American water plantain, waterplaintain	H
<i>Sagittaria graminea</i>	grass-leaf arrowhead, grassy arrowhead	PP
<i>Sagittaria lancifolia</i>	bulltongue, bulltongue arrowhead, scythe fruit arrowhead	PIP
<i>Sagittaria mohrii</i>	delta arrowhead	U
<i>Anethum graveolens</i>	dill	PIP
<i>Centella erecta</i>	erect centella	PIP
<i>Chaerophyllum procumbens</i>	spreading chervil	U
<i>Chaerophyllum tainturieri</i>	chervil, hairy-fruit chervil, hairyfruit chervil	PIP
<i>Coriandrum sativum</i>	Chinese parsley, Chinese-parsley, coriander	PIP
<i>Cyclosporum leptophyllum</i>	marsh parsley	PIP
<i>Eryngium integrifolium</i>	blueflower eryngo, simpleleaf eryngo	U
<i>Eryngium yuccifolium</i>	button eryngo, button snakeroot, Yuccaleaf eryngo	PIP
<i>Hydrocotyle bonariensis</i>	largeleaf pennywort	PIP
<i>Hydrocotyle prolifera</i>	whorled marshpennywort	PIP
<i>Hydrocotyle ranunculoides</i>	floating marsh pennywort, floating marshpennywort, floating pennyroyal	PIP
<i>Hydrocotyle sibthorpioides</i>	lawn marshpennywort	PIP
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort, umbrella pennyroyal	PIP
<i>Hydrocotyle verticillata</i>	whorled marsh pennywort, whorled marshpennywort, whorled pennyroyal	U
<i>Lilaeopsis carolinensis</i>	Carolina grasswort	PIP

<i>Lilaeopsis chinensis</i>	eastern grasswort	PIP
<i>Oxypolis filiformis</i>	water cowbane	PIP
<i>Ptilimnium capillaceum</i>	herbwilliam, threadleaf mockbishopweed	PIP
<i>Ptilimnium viviparum</i>	pedmont mock bishopweed	FR
<i>Sanicula canadensis</i>	Canada sanicle, Canadian blacksnakeroot	PIP
<i>Spermolepis divaricata</i>	forked scaleseed, roughfruit scaleseed	PIP
<i>Spermolepis echinata</i>	bristly scaleseed, bristly-fruit scaleseed	PIP
<i>Aralia spinosa</i>	angelicatree, devil's walkingstick, devils walkingstick	PIP
<i>Colocasia esculenta</i>	coco yam, wild taro	U
<i>Lemna minor</i>	common duckweed, least duckweed, lesser duckweed	U
<i>Lemna obscura</i>	little duckweed	PIP
<i>Sabal minor</i>	dwarf palmetto	PIP
<i>Sabal palmetto</i>	cabbage palm, cabbage palmetto	PIP
<i>Serenoa repens</i>	saw palmetto	PIP
<i>Ambrosia artemisiifolia</i>	annual ragweed, common ragweed, low ragweed, ragweed, Roman wormwood, short ragweed, small ragweed	PIP
<i>Aster adnatus</i>	scaleleaf aster	U
<i>Baccharis angustifolia</i>	saltwater false willow	U
<i>Baccharis glomeruliflora</i>	silverling	U
<i>Baccharis halimifolia</i>	eastern baccharis	PIP
<i>Balduina angustifolia</i>	coastalplain honeycombhead	PIP
<i>Balduina uniflora</i>	oneflower honeycombhead	PIP
<i>Berlandiera pumila</i>	soft greeneyes	PIP
<i>Bidens mitis</i>	smallfruit beggarticks	PIP

<i>Bidens pilosa</i>	beggar's tick, cobbler's pegs, fisi'uli, hairy beggarticks, kofe tonga, matakaro, Spanish needle, Spanish needles	PIP
<i>Bigelowia nudata</i>	pineland rayless goldenrod	PIP
<i>Boltonia asteroides</i>	star boltonia, white doll's daisy, white doll's-daisy	U
<i>Boltonia diffusa</i> var. <i>diffusa</i>	smallhead doll's daisy	PIP
<i>Borrichia frutescens</i>	bushy seaoxeye, bushy seaside tansy	PIP
<i>Carduus lecontei</i>	LeConte's thistle	U
<i>Carphephorus odoratissimus</i>	vanillaleaf	PIP
<i>Carphephorus paniculatus</i>	hairy chaffhead	U
<i>Carphephorus pseudoliatris</i>	bristleleaf chaffhead	PIP
<i>Chaptalia tomentosa</i>	woolly sunbonnets	PIP
<i>Chrysoma pauciflosculosa</i>	woody goldenrod	PIP
<i>Chrysopsis godfreyi</i>	Godfrey's goldenaster	PIP
<i>Chrysopsis gossypina</i> ssp. <i>cruiseana</i>	cottony goldenaster	PIP
<i>Chrysopsis gossypina</i> ssp. <i>hyssopifolia</i>	cottony goldenaster	PIP
<i>Chrysopsis graminifolia</i>	narrowleaf silkgrass	PIP
<i>Chrysopsis lanuginosa</i>	Lynn Haven goldenaster	PIP
<i>Chrysopsis mariana</i>	Maryland goldenaster	U
<i>Chrysopsis scabrella</i>	coastalplain goldenaster	FR
<i>Cirsium horridulum</i>	yellow thistle	PIP
<i>Cirsium muticum</i>	swamp thistle	U
<i>Conoclinium coelestinum</i>	blue mistflower	PIP
<i>Conyza bonariensis</i>	asthmaweed, flaxleaved fleabane, hairy fleabane	PIP
<i>Conyza canadensis</i> var. <i>pusilla</i>	Canadian horseweed	PIP
<i>Coreopsis gladiata</i>	coastalplain tickseed	U
<i>Coreopsis grandiflora</i> var. <i>grandiflora</i>	largeflower tickseed	PIP

<i>Coreopsis linifolia</i>	Texas tickseed	PIP
<i>Coreopsis major</i>	greater tickseed	U
<i>Coreopsis pubescens</i>	hairy coreopsis, star tickseed	U
<i>Coreopsis tripteris</i>	atlantic coreopsis, tall tickseed	U
<i>Croptilon divaricatum</i>	goldenweed, slender scratchdaisy	PIP
<i>Eclipta prostrata</i>	eclipta, false daisy, yerba de tajo, yerba de tajo	PIP
<i>Elephantopus carolinianus</i>	Carolina elephantsfoot, leafy elephantfoot	U
<i>Elephantopus elatus</i>	tall elephantsfoot	PIP
<i>Elephantopus nudatus</i>	naked elephantfoot, smooth elephantsfoot	PIP
<i>Elephantopus tomentosus</i>	devil's grandmother, hairy elephantfoot	PIP
<i>Erechtites hieraciifolia</i>	American burnweed	PIP
<i>Erigeron philadelphicus</i>	Philadelphia daisy, Philadelphia fleabane	PIP
<i>Erigeron quercifolius</i>	oakleaf fleabane	U
<i>Erigeron strigosus</i>	Daisy Fleabane, prairie fleabane, rough fleabane	PIP
<i>Erigeron vernus</i>	early whitetop fleabane	PIP
<i>Eupatoriadelphus fistulosus</i>	hollow Joe-pyeweed	PIP
<i>Eupatorium album</i>	white thoroughwort	U
<i>Eupatorium anomalum</i>	Florida thoroughwort	U
<i>Eupatorium capillifolium</i>	dogfennel	PIP
<i>Eupatorium glaucescens</i>	waxy thoroughwort	U
<i>Eupatorium incarnatum</i>	pink thoroughwort	U
<i>Eupatorium leucolepis</i>	justiceweed	PIP
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	PIP
<i>Eupatorium perfoliatum</i>	bonset, common bonaset	PIP
<i>Eupatorium pilosum</i>	rough bonaset	PP
<i>Eupatorium rotundifolium</i>	roundleaf eupatorium, roundleaf thoroughwort	U
<i>Eupatorium rugosum</i>	richweed, snakeroot, white snakeroot	U

<i>Eupatorium serotinum</i>	late eupatorium, lateflowering thoroughwort	PIP
<i>Euthamia caroliniana</i>	slender fragrant goldenrod	PIP
<i>Euthamia leptoccephala</i>	bushy goldentop	PIP
<i>Facelis retusa</i>	annual trampweed	PIP
<i>Gaillardia pulchella</i>	firewheel, Indian blanket, Indianblanket, rosering gaillardia	PIP
<i>Gamochaeta americana</i>	American everlasting	U
<i>Gamochaeta antillana</i>	delicate everlasting	PIP
<i>Gamochaeta calviceps</i>	narrowleaf purple everlasting	PIP
<i>Gamochaeta pensylvanica</i>	Pennsylvania everlasting	PIP
<i>Gamochaeta purpurea</i>	spoon-leaf purple everlasting, spoonleaf purple everlasting	PIP
<i>Gnaphalium falcatum</i>	narrow cudweed	FR
<i>Helenium amarum</i>	bitter sneezeweed, yellowdicks	PIP
<i>Helenium brevifolium</i>	shortleaf sneezeweed	U
<i>Helenium drummondii</i>	fringed sneezeweed	FR
<i>Helenium pinnatifidum</i>	southeastern sneezeweed	FR
<i>Helenium vernale</i>	savannah sneezeweed	U
<i>Helianthus angustifolius</i>	swamp sneezeweed, swamp sunflower	U
<i>Helianthus annuus</i>	annual sunflower, common sunflower, sunflower, wild sunflower	PIP
<i>Helianthus debilis</i> ssp. <i>debilis</i>	cucumberleaf sunflower	PIP
<i>Helianthus heterophyllus</i>	variableleaf sunflower	PIP
<i>Helianthus microcephalus</i>	small woodland sunflower	PIP
<i>Heterotheca graminifolia</i>	narrowleaf silk grass	PIP
<i>Heterotheca pinifolia</i>	Taylor county goldaster	FR
<i>Heterotheca subaxillaris</i>	camphorweed, golden aster	PIP

<i>Hieracium gronovii</i>	Gronovis hawkweed, queendevil	PIP
<i>Hypochaeris radicata</i>	common cat's-ear, false dandelion, frogbit, gosmore, hairy cat's ear, hairy catsear, spotted catsear	PIP
<i>Iva frutescens</i>	bigleaf sumpweed, Jesuit's bark	PIP
<i>Iva imbricata</i>	seacoast marshelder	PIP
<i>Krigia caespitosa</i>	weedy dwarfdandelion	PIP
<i>Krigia virginica</i>	Virginia dwarfdandelion	PIP
<i>Lactuca canadensis</i>	Canada lettuce, Florida blue lettuce, wild lettuce	U
<i>Lactuca floridana</i>	Florida lettuce, woodland lettuce	PIP
<i>Liatris gracilis</i>	slender blazing star	PIP
<i>Liatris pilosa</i>	shaggy blazing star	FR
<i>Liatris secunda</i>	piedmont blazing star	PIP
<i>Liatris spicata</i>	dense blazing star	PIP
<i>Liatris squarrosa</i>	scaly blazing star, scaly gayfeather	U
<i>Liatris tenuifolia</i>	shortleaf blazing star	U
<i>Mikania scandens</i>	climbing hempvine, climbing hempweed	PIP
<i>Pityopsis graminifolia</i>	narrowleaf silkgrass	PIP
<i>Pluchea camphorata</i>	camphor pluchea, camphor weed	U
<i>Pluchea foetida</i>	stinking camphorweed	PIP
<i>Pluchea odorata</i>	marsh fleabane, sweetscent	PIP
<i>Pluchea rosea</i>	rosy camphorweed	PIP
<i>Polymnia uvedalia</i>	yellow-flowered leafcup	U
<i>Pseudognaphalium obtusifolium</i>	rabbittobacco	PIP
<i>Pyrrhopappus carolinianus</i>	Carolina desert chicory, Carolina desert-chicory, Carolina false dandelion, Carolina false-dandelion	PIP
<i>Rudbeckia hirta</i>	blackeyed Susan, blackeyedsusan	U
<i>Solidago altissima</i>	Canada goldenrod	PIP

<i>Solidago fistulosa</i>	pinebarren goldenrod	PIP
<i>Solidago gigantea</i>	giant goldenrod	U
<i>Solidago odora</i>	anisescented goldenrod, fragrant goldenrod	PIP
<i>Solidago sempervirens</i>	seaside goldenrod	PIP
<i>Solidago stricta</i>	wand goldenrod	PIP
<i>Soliva sessilis</i>	field burrweed, field soliva	PIP
<i>Sonchus arvensis</i>	creeping sowthistle, field sow-thistle, field sowthistle, perennial sowthistle, sowthistle	U
<i>Sonchus asper</i>	perennial sowthistle, prickly sowthistle, spiny sowthistle, spiny-leaf sow-thistle	PIP
<i>Sonchus oleraceus</i>	annual sowthistle, common sow-thistle, common sowthistle, pualele, sow thistle, sow-thistle	PIP
<i>Stokesia laevis</i>	Stokes' aster	PIP
<i>Symphotrichum dumosum</i> var. <i>dumosum</i>	rice button aster	PIP
<i>Symphotrichum lateriflorum</i> var. <i>lateriflorum</i>	calico aster	PIP
<i>Symphotrichum subulatum</i>	eastern annual saltmarsh aster	PIP
<i>Symphotrichum tenuifolium</i>	perennial saltmarsh aster	PIP
<i>Taraxacum officinale</i>	blowball, common dandelion, dandelion, faceclock	PIP
<i>Verbesina alternifolia</i>	wingstem	U
<i>Verbesina occidentalis</i>	yellow crownbeard	PIP
<i>Verbesina virginica</i>	iceweed, Virginia crownbeard, white crownbeard	PIP
<i>Vernonia angustifolia</i>	tall ironweed	PIP
<i>Youngia japonica</i>	oriental false hawksbeard	PIP
<i>Batis maritima</i>	saltwort, turtleweed	PIP

<i>Tillandsia usneoides</i>	Spanish moss	PIP
<i>Lobelia brevifolia</i>	shortleaf lobelia	PIP
<i>Lobelia glandulosa</i>	glade lobelia	U
<i>Triodanis biflora</i>	Claspingleaf Venus'-looking-glass	PIP
<i>Triodanis perfoliata</i>	clasping bellwort, clasping Venus' looking-glass, clasping Venus' lookingglass, clasping venuslookingglass, clasping-leaf venus'-looking-glass, common Venus' lookingglass, roundleaved triodanis, Venus lookingglass	PIP
<i>Wahlenbergia marginata</i>	southern rockbell	PIP
<i>Brassica juncea</i>	Chinese mustard, India mustard, Indian mustard	PIP
<i>Brassica nigra</i>	black mustard, shortpod mustard	U
<i>Cakile constricta</i>	Gulf Coast searocket	PIP
<i>Cakile edentula</i>	American searocket	FR
<i>Coronopus didymus</i>	lesser swinecress	PIP
<i>Descurainia pinnata</i>	green tansymustard, pinnate tansy mustard, pinnate tansymustard, tansymustard, western tansymustard	PP
<i>Lepidium virginicum</i>	peppergrass, poorman pepperweed, poorman's pepper, poorman's-pepperwort, Virginia pepperweed, Virginian peppergrass	PIP
<i>Polanisia tenuifolia</i>	slenderleaf clammyweed	PIP
<i>Sesuvium maritimum</i>	slender seapurslane	PIP
<i>Sesuvium portulacastrum</i>	shoreline seapurslane	PIP
<i>Alternanthera philoxeroides</i>	alligator weed, alligatorweed, pig weed	PIP
<i>Alternanthera sessilis</i>	sessile joyweed	U
<i>Amaranthus australis</i>	southern amaranth	PIP
<i>Froelichia floridana</i>	cottonweed, field snakecotton, Florida snakecotton, plains	PIP

	snakecotton, prairie froelichia	
<i>Opuntia humifusa</i>	devil's-tongue, pricklypear	PIP
<i>Opuntia pusilla</i>	cockspur pricklypear	PIP
<i>Opuntia stricta</i>	erect pricklypear	PIP
<i>Arenaria serpyllifolia</i>	thymeleaf sandwort	PIP
<i>Cerastium glomeratum</i>	sticky chickweed	PIP
<i>Drymaria cordata</i>	chickweed, whitesnow	PIP
<i>Paronychia erecta</i>	squareflower	PIP
<i>Paronychia patula</i>	pineland nailwort	PIP
<i>Silene antirrhina</i>	catchfly, sleepy champion, sleepy catchfly, sleepy silene	PIP
<i>Stellaria media</i>	chickweed, common chickweed, nodding chickweed	PIP
<i>Stipulicida setacea</i>	pineland scalypink	PIP
<i>Atriplex cristata</i>	crested saltbush	PIP
<i>Atriplex hastata</i>	Halberd-leaved wild Orache, spear leaved Orache	FR
<i>Chenopodium album</i>	common lambsquarters, lambsquarters, lambsquarters goosefoot, white goosefoot	PIP
<i>Chenopodium ambrosioides</i>	Mexican tea, Mexican- tea	PIP
<i>Chenopodium desiccatum</i>	arid goosefoot, aridland goosefoot, desert goosefoot, narroleaf goosefoot	FR
<i>Salicornia bigelovii</i>	dwarf saltwort	PIP
<i>Salicornia depressa</i>	Virginia glasswort	PIP
<i>Salsola kali</i>	prickly Russian thistle, Russian thistle, tumbleweed	H
<i>Suaeda linearis</i>	annual seepweed	PIP
<i>Mollugo verticillata</i>	carpetweed, green carpetweed	PIP
<i>Boerhavia diffusa</i>	red spiderling	PIP

<i>Boerhavia erecta</i>	erect spiderling	PIP
<i>Phytolacca americana</i>	American pokeweed, common pokeweed, inkberry, pigeonberry, poke, pokeberry, pokeweed	PIP
<i>Portulaca pilosa</i>	chisme, kiss me quick, kiss-me-quick	PIP
<i>Ilex ambigua</i>	Carolina holly	PIP
<i>Ilex cassine</i>	dahoon	PIP
<i>Ilex coriacea</i>	large gallberry	PIP
<i>Ilex glabra</i>	inberry, inkberry	PIP
<i>Ilex opaca</i>	American holly	PIP
<i>Ilex vomitoria</i>	yaupon	PIP
<i>Commelina erecta</i>	erect dayflower, whitemouth dayflower	PIP
<i>Commelina virginica</i>	Virginia dayflower	U
<i>Tradescantia hirsuticaulis</i>	hairystem spiderwort	FR
<i>Tradescantia hirsutiflora</i>	hairyflower spiderwort	PIP
<i>Tradescantia ohioensis</i>	bluejacket, Ohio spiderwort	PIP
<i>Tradescantia virginiana</i>	Virginia spiderwort	FR
<i>Xyris ambigua</i>	coastalplain yelloweyed grass	PIP
<i>Xyris caroliniana</i>	Carolina yelloweyed grass	PIP
<i>Xyris difformis var. difformis</i>	bog yelloweyed grass	PIP
<i>Xyris elliotii</i>	Elliott's yelloweyed grass	PIP
<i>Xyris fimbriata</i>	fringed yelloweyed grass	PP
<i>Xyris flabelliformis</i>	savannah yelloweyed grass	PP
<i>Xyris jupicai</i>	Richard's yelloweyed grass	PIP
<i>Xyris laxifolia var. iridifolia</i>	irisleaf yelloweyed grass, yelloweyegrass	PIP
<i>Xyris stricta var. obscura</i>	Kral's yellow-eyed grass	PIP
<i>Xyris torta</i>	common yelloweyed grass, slender yelloweyed grass	PIP
<i>Cornus florida</i>	flowering dogwood	PIP
<i>Nyssa biflora</i>	swamp tupelo	PIP

<i>Nyssa sylvatica</i>	black gum, black tupelo, blackgum	PIP
<i>Bulbostylis barbata</i>	watergrass	PIP
<i>Bulbostylis capillaris</i>	densetuft hairsedge, threadleaf beakseed	PIP
<i>Bulbostylis ciliatifolia</i>	capillary hairsedge	PIP
<i>Bulbostylis warei</i>	Ware's hairsedge	PP
<i>Carex albolutescens</i>	greenwhite sedge	PIP
<i>Carex atlantica</i>	prickly bog sedge	PIP
<i>Carex cephalophora</i>	oval-leaf sedge, oval-leaved sedge, ovalleaf sedge	PIP
<i>Carex comosa</i>	longhair sedge	FR
<i>Carex crus-corvi</i>	ravenfoot sedge	PIP
<i>Carex debilis var. debilis</i>	white edge sedge	PIP
<i>Carex glaucescens</i>	clustered sedge, southern waxy sedge	PIP
<i>Carex intumescens</i>	greater bladder sedge	PIP
<i>Carex lonchocarpa</i>	southern long sedge	PIP
<i>Cladium mariscus ssp. jamaicense</i>	jamaica sawgrass, Jamaica swamp sawgrass	PIP
<i>Cyperus aggregatus</i>	inflated-scale flatsedge, inflatedscale flatsedge	PP
<i>Cyperus compressus</i>	poorland flatsedge	PP
<i>Cyperus croceus</i>	Baldwin's flatsedge	PIP
<i>Cyperus erythrorhizos</i>	red-root flat sedge, redroot flatsedge, redroot nutgrass	PP
<i>Cyperus esculentus var. macrostachyus</i>	chufa flatsedge, yellow nutgrass, yellow nutsedge	PIP
<i>Cyperus filicinus</i>	fern flatsedge	PIP
<i>Cyperus filiculmis</i>	Great Plains flatsedge	U
<i>Cyperus flavescens</i>	pale flatsedge, yellow flatsedge	PIP
<i>Cyperus haspan</i>	haspan flatsedge	PIP
<i>Cyperus involucratus</i>	umbrella flatsedge, umbrella plant, unbrella plant	PIP
<i>Cyperus lecontei</i>	Le Conte's flatsedge	PIP
<i>Cyperus odoratus</i>	fragrant flatsedge, rusty flat sedge	PIP
<i>Cyperus polystachyos</i>	manyspike flatsedge	PIP

<i>Cyperus retrofractus</i>	rough flatsedge	U
<i>Cyperus retrorsus</i>	pine barren flatsedge	PIP
<i>Cyperus rotundus</i>	chaguan humatag, cocoglass, kili'o'opu, nutgrass, pakopako, purple nutsedge	PIP
<i>Cyperus strigosus</i>	stawcolored flatsedge, strawcolor flatsedge, strawcolor nutgrass, strawcolored flatsedge, strawcolored nutgrass	PIP
<i>Cyperus surinamensis</i>	tropical flatsedge	PIP
<i>Cyperus virens</i>	green flatsedge	PIP
<i>Eleocharis acicularis</i>	needle spikerush, needle spikesedge	U
<i>Eleocharis albida</i>	white spikerush	U
<i>Eleocharis cellulosa</i>	Gulf Coast spikerush, Gulfcoast spikesedge	PIP
<i>Eleocharis elongata</i>	slim spikerush	PP
<i>Eleocharis equisetoides</i>	jointed spikesedge	U
<i>Eleocharis flavescens</i>	yellow spikerush	PIP
<i>Eleocharis geniculata</i>	Canada spikesedge	PIP
<i>Eleocharis melanocarpa</i>	blackfruit spikerush	PIP
<i>Eleocharis montevidensis</i>	sand spikerush	PIP
<i>Eleocharis obtusa</i>	blunt spikerush, blunt spikesedge	U
<i>Eleocharis parvula</i>	dwarf spikerush, dwarf spikesedge, little-head spike-rush, little-head spikerush	PIP
<i>Eleocharis rostellata</i>	beaked spike-rush, beaked spikerush, beaked spikesedge	FR
<i>Eleocharis tuberculosa</i>	cone-cup spikerush	PIP
<i>Fimbristylis autumnalis</i>	slender fimbry	PP
<i>Fimbristylis caroliniana</i>	Carolina fimbry	PP
<i>Fimbristylis castanea</i>	marsh fimbry, saltmarsh fimbristylis	PIP
<i>Fimbristylis dichotoma</i>	forked fimbry	PIP
<i>Fimbristylis puberula</i>	hairy fimbry	PIP
<i>Fuirena pumila</i>	dwarf umbrella-sedge, dwarf umbrellasedge	PIP

<i>Fuirena scirpoidea</i>	southern umbrella-sedge, southern umbrellasedge	PIP
<i>Fuirena squarrosa</i>	hairy umbrella-sedge, hairy umbrellasedge	PP
<i>Hemicarpha micrantha</i>	dwarf bulrush	U
<i>Isolepis carinata</i>	keeled bulrush	PIP
<i>Kyllinga brevifolia</i>	shortleaf spikesedge	PIP
<i>Kyllinga odorata</i>	fragrant spikesedge	PIP
<i>Kyllinga pumila</i>	low spikesedge	PIP
<i>Psilocarya corymbifera</i>	long-beaked bald-rush, long-beaked bald sedge	U
<i>Rhynchospora caduca</i>	anglestem beaksedge	PIP
<i>Rhynchospora chapmanii</i>	Chapman's beaksedge	PIP
<i>Rhynchospora colorata</i>	starrush whitetop	PIP
<i>Rhynchospora debilis</i>	savannah beaksedge	PIP
<i>Rhynchospora divergens</i>	spreading beaksedge	PIP
<i>Rhynchospora elliotii</i>	Elliott's beaksedge	PIP
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	PIP
<i>Rhynchospora filifolia</i>	threadleaf beaksedge	PIP
<i>Rhynchospora globularis</i>	globe beakrush, globe beaksedge	PP
<i>Rhynchospora glomerata</i>	clustered beaksedge	PIP
<i>Rhynchospora gracilentata</i>	slender beaksedge	PIP
<i>Rhynchospora inexpansa</i>	nodding beaksedge	PIP
<i>Rhynchospora intermixta</i>	humble beakrush	U
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	PP
<i>Rhynchospora latifolia</i>	sandswamp whitetop	FR
<i>Rhynchospora macrostachya</i>	tall horned beaksedge	PIP
<i>Rhynchospora megalocarpa</i>	sandyfield beaksedge	PIP
<i>Rhynchospora microcarpa</i>	southern beaksedge	PP
<i>Rhynchospora microcephala</i>	smallhead beaksedge	U
<i>Rhynchospora mixta</i>	mingled beaksedge	PIP
<i>Rhynchospora nitens</i>	shortbeak beaksedge	PIP
<i>Rhynchospora plumosa</i>	plumed beaksedge	PIP

<i>Rhynchospora tracyi</i>	Tracy's beaksedge	PIP
<i>Schoenoplectus californicus</i>	California bulrush	PIP
<i>Schoenoplectus pungens</i>	common threesquare, Schoenoplectus	PIP
<i>Schoenoplectus robustus</i>	sturdy bulrush	PIP
<i>Schoenoplectus tabernaemontani</i>	great bulrush, soft-stem bulrush, softstem bulrush	PIP
<i>Schoenus nigricans</i>	black bog rush, black bogrush	U
<i>Scirpus americanus</i>	three-square bulrush	U
<i>Scirpus cyperinus</i>	bulrush, woolgrass	PIP
<i>Scirpus olneyi</i>	chairmaker's bulrush	U
<i>Scleria ciliata</i>	fringed nutrush	PP
<i>Scleria georgiana</i>	slenderfruit nutrush	PIP
<i>Scleria triglomerata</i>	whip nutrush	PIP
<i>Scleria verticillata</i>	low nutrush	PIP
<i>Agrostis hyemalis</i>	winter bentgrass	PIP
<i>Agrostis perennans</i>	autumm bentgrass, upland bent, upland bentgrass	U
<i>Amphicarpum muehlenbergianum</i>	Muhlenberg maidencane, perennial goobergrass	PIP
<i>Andropogon capillipes</i>	chalky bluestem	PIP
<i>Andropogon glomeratus</i>	bushy bluestem	PIP
<i>Andropogon gyrans</i> var. <i>gyrans</i>	elliott bluestem, Elliott's bluestem	PIP
<i>Andropogon mohrii</i>	Mohr's bluestem	U
<i>Andropogon ternarius</i> var. <i>ternarius</i>	splitbeard bluestem	PIP
<i>Andropogon virginicus</i> var. <i>decipiens</i>	broomsedge, broomsedge bluestem	PIP
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	PIP
<i>Andropogon virginicus</i> var. <i>virginicus</i>	broomsedge, broomsedge bluestem	PIP
<i>Anthraenantia rufa</i>	purple silkyscale	PIP
<i>Anthraenantia villosa</i>	green silkyscale	PIP
<i>Aristida gyrans</i>	corkscrew threeawn	PIP
<i>Aristida longispica</i>	slimspike threeawn	PP

<i>Aristida mohrii</i>	Mohr's threeawn	PIP
<i>Aristida purpurascens</i> <i>var. purpurascens</i>	Arrowfeather 3-awn, arrowfeather threeawn, longleaf threeawn	PIP
<i>Aristida purpurascens</i> <i>var. tenuispica</i>	arrowfeather threeawn	PIP
<i>Aristida purpurascens</i> <i>var. virgata</i>	arrowfeather threeawn	PIP
<i>Aristida spiciformis</i>	bottlebrush threeawn	PP
<i>Aristida stricta</i>	pineland threeawn	PIP
<i>Arundinaria gigantea</i>	giant cane	PIP
	carpetgrass, common carpetgrass, Louisiana grass, mat grass, narrowleaved carpetgrass	PIP
<i>Axonopus fissifolius</i>		PIP
<i>Bothriochloa ischaemum</i>	Turkestan beard grass, yellow bluestem	PIP
<i>Briza minor</i>	little quakinggrass	PIP
	rescue brome, rescue grass, rescuegras, rescuegrass	PIP
<i>Bromus catharticus</i>		PIP
<i>Calamovilfa curtissii</i>	Florida sandreed	PIP
	burggrass, common sandbur, field sandbur, konpeito-gusa, sandburr, se mbulabula, southern sandbur, vao tui tui	PIP
<i>Cenchrus echinatus</i>		PIP
	burggrass, field sandbur, innocent-weed, longspine sandbur, mat sandbur, sandbur	PIP
<i>Cenchrus longispinus</i>		PIP
<i>Cenchrus spinifex</i>	coastal sandbur	PIP
<i>Cenchrus tribuloides</i>	sanddune sandbur	PIP
	slender woodoats, spike uniola	PIP
<i>Chasmanthium laxum</i>		PIP
<i>Chasmanthium</i> <i>sessiliflorum</i>	longleaf spikegrass, longleaf woodoats	PIP
<i>Coelorachis tessellata</i>	checkered jointtail grass	PP
	pampas grass, silver pampas grass, Uruguayan pampas grass, Uruguayan pampasgrass	PIP
<i>Cortaderia selloana</i>		PIP

	toothache grass, toothachegrass	PP
<i>Ctenium aromaticum</i>		
	Bermudagrass, chiendent pied-de-poule, common bermudagrass, devilgrass, grama-seda, manienie, motie molulu	PIP
<i>Cynodon dactylon</i>		
	crowfoot grass, Durban crowsfoot grass, Egyptian grass	PIP
<i>Dactyloctenium</i> <i>aegyptium</i>		
<i>Danthonia sericea</i>	downy danthonia	PIP
<i>Desmazeria rigida</i>	ferngrass	PIP
<i>Dichantherium aciculare</i> <i>ssp. aciculare</i>	needleleaf witchgrass	PIP
<i>Dichantherium aciculare</i> <i>ssp. angustifolium</i>	needleleaf witchgrass	PIP
<i>Dichantherium aciculare</i> <i>ssp. Fusiforme</i>	needleleaf witchgrass	PIP
<i>Dichantherium aciculare</i> <i>ssp. Neuranthum</i>	needleleaf witchgrass	PIP
<i>Dichantherium</i> <i>acuminatum ssp.</i> <i>acuminatum</i>	tapered witchgrass	PIP
<i>Dichantherium</i> <i>acuminatum ssp.</i> <i>fasciculatum</i>	western panicgrass	PIP
<i>Dichantherium</i> <i>acuminatum ssp.</i> <i>implicatum</i>	western panicgrass	PIP
<i>Dichantherium</i> <i>acuminatum ssp.</i> <i>lindheimeri</i>	Lindheimeri panicgrass	PIP
<i>Dichantherium</i> <i>acuminatum ssp.</i> <i>longiligulatum</i>	coastal plains panicgrass	PIP
<i>Dichantherium boscii</i>	Bosc's panicgrass	PIP
<i>Dichantherium</i> <i>chamaelonche</i>	cypress witchgrass	PIP
<i>Dichantherium</i> <i>commutatum ssp.</i> <i>commutatum</i>	variable witchgrass	PIP
<i>Dichantherium</i> <i>commutatum ssp.</i> <i>equilaterale</i>	variable witchgrass	PIP

<i>Dichantheium dichotomum</i> ssp. <i>dichotomum</i>	small-fruited panicgrass	PIP
<i>Dichantheium dichotomum</i> ssp. <i>nitidum</i>	cypress panicgrass	PIP
<i>Dichantheium dichotomum</i> ssp. <i>roanokense</i>	cypress panicgrass	PIP
<i>Dichantheium ensifolium</i> ssp. <i>curtifolium</i>	short-leaved panicgrass	PIP
<i>Dichantheium ensifolium</i> ssp. <i>ensifolium</i>	cypress panicgrass	PIP
<i>Dichantheium erectifolium</i>	erectleaf panicgrass	PIP
<i>Dichantheium laxiflorum</i>	openflower rosette grass	PIP
<i>Dichantheium oligoanthes</i>	fewanther obscuregrass, Heller's rosette grass	PIP
<i>Dichantheium ovale</i> ssp. <i>Villosissimum</i>	stiff-leaved panic grass	PIP
<i>Dichantheium portoricense</i> ssp. <i>patulum</i>	hemlock rosette grass	PIP
<i>Dichantheium portoricense</i> ssp. <i>portoricense</i>	hemlock rosette grass	PIP
<i>Dichantheium sabulorum</i>	hemlock rosette grass	PIP
<i>Dichantheium scabriusculum</i>	woolly rosette grass	U
<i>Dichantheium scoparium</i>	velvet panicum	PIP
<i>Dichantheium sphaerocarpon</i>	roundseed panicgrass, roundseed panicum	PIP
<i>Dichantheium strigosum</i> ssp. <i>glabrescens</i>	roughhair rosette grass	PIP
<i>Dichantheium strigosum</i> var. <i>leucoblepharis</i>	roughhair rosette grass	U
<i>Dichantheium tenue</i>	white-margin panicgrass	PIP
<i>Dichantheium wrightianum</i>	Wright's rosette grass	PIP

<i>Digitaria ciliaris</i>	fingergrass, Henry's crabgrass, kukaepua'a, saulangi, smooth crabgrass, Southern crab grass, southern crabgrass, tropical crabgrass	PIP
<i>Digitaria ischaemum</i>	small crabgrass, smooth crab grass, smooth crabgrass	PIP
<i>Digitaria serotina</i>	dwarf crabgrass	U
<i>Digitaria villosa</i>	shaggy crabgrass	PIP
<i>Distichlis spicata</i>	desert saltgrass, inland saltgrass, marsh spikegrass, saltgrass, seashore saltgrass	PIP
<i>Echinochloa crus-galli</i>	barnyard grass, barnyardgrass, cockspur, Japanese millet, large barnyard grass, watergrass	PIP
<i>Echinochloa crus-pavonis</i>	gulf cock's-spur grass, gulf cockspur grass	U
<i>Echinochloa walteri</i>	coast cockspur, coast cockspur grass, walter's barnyard grass	PIP
<i>Eleusine indica</i>	crowsfoot grass, goose grass, goosegrass, Indian goose grass, Indian goosegrass, manienie ali'l, silver crabgrass, wiregrass	PP
<i>Elymus virginicus</i>	Virginia wild rye, Virginia wildrye	PIP
<i>Eragrostis elliottii</i>	field lovegrass	PIP
<i>Eragrostis lugens</i>	mourning lovegrass	PIP
<i>Eragrostis pilosa</i>	India lovegrass, Indian love grass, Indian lovegrass	PIP
<i>Eragrostis refracta</i>	coastal lovegrass	PP
<i>Eragrostis scaligera</i>	tender lovegrass	FR
<i>Eragrostis secundiflora</i>	red lovegrass	PIP
<i>Eragrostis spectabilis</i>	petticoat-climber, purple lovegrass	PIP

<i>Eremochloa ophiuroides</i>	centipede grass	PIP
<i>Eustachys petraea</i>	pinewoods fingergrass	PIP
<i>Hordeum pusillum</i>	little barley, little wildbarley	PIP
<i>Hordeum stebbinsii</i>	smooth barley	FR
<i>Imperata cylindrica</i>	alang-alang, blady grass, cogon grass, cogongrass, kunai, paillotte, santintail	PIP
<i>Leptoloma cognatum</i>	mountain hairgrass	U
<i>Limnodea arkansana</i>	Ozark grass, Ozarkgrass	PIP
<i>Lolium perenne</i>	italian ryegrass, perennial rye grass, perennial ryegrass	PIP
<i>Muhlenbergia capillaris</i>	hairawn muhly	PIP
<i>Muhlenbergia expansa</i>	cut-over muhly	PP
<i>Panicum amarum</i> var. <i>amarulum</i>	bitter panicgrass	PIP
<i>Panicum amarum</i> var. <i>amarum</i>	bitter panicgrass	PIP
<i>Panicum anceps</i> ssp. <i>Anceps</i>	beaked panicgrass	PIP
<i>Panicum anceps</i> ssp. <i>rhizomatum</i>	beaked panicgrass	PIP
<i>Panicum ciliatum</i>	rough-hair witchgrass	PP
<i>Panicum dichotomiflorum</i>	fall panic, fall panicgrass, fall panicum, western witchgrass	PIP
<i>Panicum hemitomom</i>	maidencane, mountain panic	PP
<i>Panicum hians</i>	gasping grass	U
<i>Panicum repens</i>	couch panicum, creeping panic, panic rampant, torpedo grass, torpedograss, wainaku grass	PIP
<i>Panicum rigidulum</i> ssp. <i>Pubescens</i>	redtop panicgrass	PIP
<i>Panicum rigidulum</i> ssp. <i>rigidulum</i>	redtop panicgrass	PIP
<i>Panicum tenerum</i>	bluejoint panicgrass, bluejoint panicum	PIP
<i>Panicum verrucosum</i>	warty panicgrass	PIP
<i>Panicum virgatum</i>	old switch panic grass, switchgrass	PIP

<i>Paspalum conjugatum</i>	herbe creole, Hilo grass, hilograss, muhsrasre, rehn wei, sour grass, ti grass	PIP
<i>Paspalum dilatatum</i>	dallas grass, dallis grass, dallisgrass, herbe de miel, herbe sirop, hiku nua, palpalum dilate, water grass	PIP
<i>Paspalum dissectum</i>	mudbank crowngrass	U
<i>Paspalum distichum</i>	knotgrass, knotroot paspalum	U
<i>Paspalum floridanum</i>	Florida paspalum	PIP
<i>Paspalum monostachyum</i>	gulfdune paspalum	PIP
<i>Paspalum notatum</i>	Bahia grass, bahiagrass	PIP
<i>Paspalum plicatulum</i>	brownseed paspalum	PIP
<i>Paspalum praecox</i>	early paspalum	PIP
<i>Paspalum setaceum</i> var. <i>ciliatifolium</i>	fringe-leaf paspalum	PIP
<i>Paspalum setaceum</i> var. <i>longepedunculatum</i>	thin paspalum	U
<i>Paspalum setaceum</i> var. <i>setaceum</i>	slender beadgrass	PIP
<i>Paspalum urvillei</i>	Vasey grass, Vasey's grass, vaseygrass	PIP
<i>Paspalum vaginatum</i>	seashore paspalum	PIP
<i>Phragmites australis</i>	common reed	PIP
<i>Piptochaetium avenaceum</i>	blackseed needlegrass, blackseed speargrass	PIP
<i>Poa annua</i>	annual blue grass, annual bluegrass, walkgrass	PIP
<i>Poa autumnalis</i>	autumn bluegrass	PIP
<i>Sacciolepis striata</i>	American cupscale	PIP
<i>Schedonorus pratensis</i>	meadow fescue	PIP
<i>Schizachyrium littorale</i>	shore little bluestem	PP
<i>Schizachyrium maritimum</i>	gulf bluestem	PIP
<i>Schizachyrium scoparium</i>	little bluestem	PIP
<i>Setaria glauca</i>	yellow foxtail	U
<i>Setaria magna</i>	giant bristlegrass	PIP

<i>Setaria parviflora</i>	knotroot bristlegrass, marsh bristle grass, marsh bristlegrass, yellow bristlegrass	PIP
<i>Sorghastrum nutans</i>	Indiangrass, yellow indian-grass	PIP
<i>Sorghastrum secundum</i>	lopsided Indiangrass	PIP
<i>Sorghum halepense</i>	aleppo milletgrass, herbe de Cuba, Johnson grass, Johnsongrass, sorgho d'Alep, sorgho de alepo, zacate Johnson	PIP
<i>Spartina alterniflora</i>	Atlantic cordgrass, saltmarsh cordgrass, smooth cordgrass	PIP
<i>Spartina cynosuroides</i>	big cordgrass	PIP
<i>Spartina patens</i>	marshhay cordgrass, salt meadow cordgrass, saltmeadow cordgrass	PIP
<i>Spartina spartinae</i>	gulf cordgrass	PP
<i>Sphenopholis obtusata</i>	prairie wedgegrass, prairie wedgescale	PIP
<i>Sporobolus indicus</i>	Rattail smutgrass, smut grass, smutgrass	PIP
<i>Sporobolus junceus</i>	pineywoods dropseed	PIP
<i>Sporobolus vaginiflorus</i>	poverty dropseed, poverty grass	U
<i>Sporobolus virginicus</i>	seashore dropseed	PIP
<i>Stenotaphrum secundatum</i>	St. Augustine grass, St. Augustinegrass	PIP
<i>Tridens ambiguus</i>	pine barren fluffgrass, pinebarren tridens	PIP
<i>Tridens flavus</i>	Purpletop, purpletop tridens	PIP
<i>Triplasis americana</i>	perennial sandgrass	PP
<i>Triplasis purpurea</i>	purple sand grass, purple sandgrass	PIP
<i>Tripsacum dactyloides</i>	eastern gamagrass	PIP
<i>Triticum aestivum</i>	common wheat, wheat	PIP
<i>Uniola paniculata</i>	seaoats	PIP
<i>Urochloa ramosa</i>	dixie signalgrass	PIP

<i>Vulpia myuros</i>	foxtail fescue, rat-tail fescue, rat-tailed fescue, rattail fescue	PIP
<i>Vulpia octoflora</i> var. <i>glauca</i>	eight-flower six-weeks grass, sixweeks fescue	PIP
<i>Vulpia octoflora</i> var. <i>octoflora</i>	eight-flower six-weeks grass, sixweeks fescue	PIP
<i>Vulpia sciurea</i>	squirreltail fescue	PIP
<i>Lonicera japonica</i>	Chinese honeysuckle, Japanese honeysuckle	PIP
<i>Lonicera sempervirens</i>	trumpet honeysuckle	PIP
<i>Sambucus nigra</i> ssp. <i>canadensis</i>	blue elder, common elderberry, elder, elderberry, Mexican elderberry	PIP
<i>Viburnum dentatum</i>	arrow-wood viburnum, arrowwood, southern arrowwood	U
<i>Viburnum nudum</i>	possumhaw, possumhaw viburnum	PIP
<i>Viburnum rufidulum</i>	rusty blackhaw, rusty viburnum	PIP
<i>Valerianella radiata</i>	beaked cornsalad	PIP
<i>Diospyros virginiana</i>	common persimmon, eastern persimmon, Persimmon	PIP
<i>Sideroxylon lanuginosum</i>	gum bully	PIP
<i>Sideroxylon reclinatum</i> ssp. <i>reclinatum</i>	Florida bully	PIP
<i>Symplocos tinctoria</i>	common sweetleaf, sweetleaf	PIP
<i>Clethra alnifolia</i>	coastal sweetpepperbush, summersweet clethra	PIP
<i>Cliftonia monophylla</i>	buckwheat tree, buckwheattree	PIP
<i>Cyrilla racemiflora</i>	swamp cyrilla, swamp titi	PIP
<i>Ceratiola ericoides</i>	sand heath	PIP
<i>Gaylussacia frondosa</i>	blue huckleberry	U
<i>Gaylussacia mosieri</i>	woolly huckleberry	PIP
<i>Kalmia hirsuta</i>	hairy laurel	PIP
<i>Lyonia ligustrina</i>	he-huckleberry, maleberry	U
<i>Lyonia lucida</i>	fetterbush lyonia	PIP

<i>Lyonia mariana</i>	piedmont staggerbush, staggerbush	FR
<i>Oxydendrum arboreum</i>	sourwood	PIP
<i>Pieris phillyreifolia</i>	climbing fetterbush	PIP
<i>Rhododendron canescens</i>	mountain azalea, piedmont azalea	U
<i>Rhododendron serrulatum</i>	hammock-sweet azalea	U
<i>Vaccinium arboreum</i>	farkleberry, tree sparkleberry, tree- huckleberry	PIP
<i>Vaccinium corymbosum</i>	highbush blueberry	U
<i>Vaccinium darrowii</i>	Darrow's blueberry	PIP
<i>Vaccinium elliotii</i>	Elliott's blueberry	PP
<i>Vaccinium fuscatum</i>	black highbush blueberry	PIP
<i>Vaccinium myrsinites</i>	shiny blueberry	PP
<i>Vaccinium stamineum</i>	deerberry	PIP
<i>Vaccinium virgatum</i>	smallflower blueberry	U
<i>Monotropa uniflora</i>	Indianpipe, one-flower Indian-pipe	U
<i>Eriocaulon compressum</i>	flattened pipewort	PIP
<i>Eriocaulon decangulare</i>	tenangle pipewort	PIP
<i>Lachnocaulon anceps</i>	whitehead bogbutton	PIP
<i>Lachnocaulon engleri</i>	Engler's bogbutton	PIP
<i>Lachnocaulon minus</i>	Small's bogbutton	PP
<i>Syngonanthus flavidulus</i>	yellow hatpins	PP
<i>Acalypha gracilens</i>	slender copperleaf, slender threeseed mercury	PIP
<i>Chamaesyce bombensis</i>	dixie sandmat	PIP
<i>Chamaesyce cordifolia</i>	heartleaf sandmat	PIP
<i>Chamaesyce hirta</i>	pill-pod sandmat, pillpod sandmat	PIP
<i>Chamaesyce humistrata</i>	spreading sandmat	PIP
<i>Chamaesyce hyssopifolia</i>	hyssop spurge, hyssopleaf sandmat, leafy spurge	PIP
<i>Chamaesyce maculata</i>	large spurge, spotted sandmat, spotted spurge	PIP
<i>Chamaesyce prostrata</i>	prostrate sandmat, prostrate spurge	PIP
<i>Cnidoscolus stimulosus</i>	finger rot	PIP

<i>Croton capitatus</i>	doveweed, hogweed, hogwort, woolly croton, wooly croton	PIP
<i>Croton glandulosus</i>	vente conmigo	PIP
<i>Croton punctatus</i>	gulf croton	PIP
<i>Crotonopsis linearis</i>	croton Michauxi	U
<i>Euphorbia corollata</i>	flowering spurge, floweringspurge euphorbia	U
<i>Euphorbia curtisii</i>	Curtis' spurge	PIP
<i>Euphorbia discoidalis</i>	summer spurge	PIP
<i>Euphorbia floridana</i>	Greater Florida spurge	PIP
<i>Euphorbia geyeri</i>	Geyer's broomspurge	U
<i>Euphorbia polygonifolia</i>	seaside spurge	U
<i>Phyllanthus tenellus</i>	Mascarene Island leaf- flower, Mascarene Island leafflower	PIP
<i>Phyllanthus urinaria</i>	chamber bitter	PIP
<i>Sebastiania fruticosa</i>	Gulf Sebastian-bush, Gulf sebastiana	PIP
<i>Stillingia sylvatica</i>	queen's-delight, queens delight, Queensdelight	PIP
<i>Triadica sebifera</i>	tallowtree	PIP
<i>Acacia farnesiana</i>	aroma, Ellington curse, huisache, kandaroma, klu, Klu bush, popinac, sweet acacia, texas huisache	PIP
<i>Aeschynomene indica</i>	Indian jointvetch, jointvetch, kat sola, Kat sola, Indian jointvetch	PIP
<i>Aeschynomene virginica</i>	northern jointvetch, sensitive joint-vetch, Virginia jointvetch	FR
<i>Aeschynomene viscidula</i>	sticky jointvetch	PIP
<i>Albizia julibrissin</i>	mimosa, mimosa tree, powderpuff tree, silk tree, silktree	PIP
<i>Amorpha fruticosa</i>	desert false indigo, desert indigobush, dullleaf indigo, false indigo, false indigo-bush, indigobush, leadplant	U
<i>Amorpha herbacea</i>	clusterspike false indigo	PIP

<i>Apios americana</i>	apios americana, groundnut, potatobean	U
<i>Baptisia lanceolata</i>	gopherweed	PIP
<i>Centrosema virginianum</i>	butterflypea, spurred butterfly pea	PIP
<i>Chamaecrista fasciculata</i>	partridge pea, Showy partridgepea, sleepingplant	PIP
<i>Chamaecrista nictitans</i>	partridge pea, partridge-pea	PIP
<i>Clitoria mariana</i>	Atlantic pigeonwings, pidgeonwings	PIP
<i>Crotalaria pallida</i> var. <i>obovata</i>	smooth rattlebox	PIP
<i>Crotalaria purshii</i>	Pursh's rattlebox	U
<i>Crotalaria rotundifolia</i>	rabbitbells	PIP
<i>Crotalaria sagittalis</i>	arrow crotalaria, arrowhead rattlebox	U
<i>Crotalaria spectabilis</i>	showy crotalaria, showy rattlebox	PIP
<i>Desmanthus illinoensis</i>	illinois bundleflower, prairie bundleflower	U
<i>Desmodium ciliare</i>	hairy small-leaf ticktrefoil, littleleaf tickclover	U
<i>Desmodium incanum</i>	tickclover, zarzabacoa comun	PIP
<i>Desmodium tenuifolium</i>	slimleaf ticktrefoil	U
<i>Desmodium tortuosum</i>	Dixie tick trefoil, dixie ticktrefoil	PIP
<i>Desmodium viridiflorum</i>	velvetleaf tickclover, velvetleaf ticktrefoil	PIP
<i>Erythrina herbacea</i>	eastern coralbean, redcardinal	PIP
<i>Galactia floridana</i>	Florida milkpea	U
<i>Galactia microphylla</i>	littleleaf milkpea	PIP
<i>Galactia mollis</i>	soft milkpea	U
<i>Galactia regularis</i>	eastern milkpea	PIP
<i>Galactia volubilis</i>	downy milkpea	PIP
<i>Gleditsia aquatica</i>	water honeylocust, water locust, waterlocust	U
<i>Indigofera caroliniana</i>	Carolina indigo	PIP
<i>Kummerowia striata</i>	common lespedeza, Japanese clover	PIP

<i>Lespedeza cuneata</i>	Chinese lespedeza, sericea lespedeza	PIP
<i>Lespedeza hirta</i>	hairy lespedeza	PIP
<i>Lupinus diffusus</i>	Oak Ridge lupine	U
<i>Lupinus perennis</i>	sundial lupine	U
<i>Lupinus westianus</i>	Gulf Coast lupine	U
<i>Medicago lupulina</i>	black medic, black medic clover, black medick, hop clover, hop medic, nonesuch, yellow trefoil	PIP
<i>Medicago minima</i>	burr medick, little burclover	PIP
<i>Medicago polymorpha</i>	bur clover, burclover, California burclover, toothed medick	PIP
<i>Melilotus indicus</i>	annual yellow sweetclover, Indian sweet-clover	PIP
<i>Melilotus officinalis</i>	yellow sweet-clover, yellow sweetclover	U
<i>Mimosa microphylla</i>	littleleaf sensitive-briar, sensitive brier	PIP
<i>Neptunia lutea</i>	yellow neptunia, yellow puff	PIP
<i>Neptunia pubescens</i>	tropical neptunia, tropical puff	U
<i>Pueraria montana</i> var. <i>lobata</i>	acha, aka, Japanese arrowroot, kudzu, nepalem, wa yaka	PIP
<i>Rhynchosia cytisoides</i>	royal snoutbean	PIP
<i>Rhynchosia reniformis</i>	dollarleaf	U
<i>Robinia pseudo-acacia</i>	black locust	PIP
<i>Senna occidentalis</i>	coffee senna, septicweed	PIP
<i>Sesban emerus</i>	danglepod	U
<i>Sesbania drummondii</i>	poisonbean	PIP
<i>Sesbania herbacea</i>	bigpod sesbania, hemp sesbania, peatree	PIP
<i>Sesbania punicea</i>	rattelbox, rattlebox	PIP
<i>Sesbania vesicaria</i>	bag-pod rattle-bush	U
<i>Sesbania virgata</i>	wand riverhemp	PIP
<i>Strophostyles helvola</i>	trailing wild bean	PIP

<i>Strophostyles leiosperma</i>	slick-seed fuzzy-bean, slickseed fuzzybean, Smoothseed wildbean	PIP
<i>Strophostyles umbellata</i>	perennial wildbean, pink fuzzybean	U
<i>Stylosanthes biflora</i>	endbeak pencilflower, sidebeak pencilflower	PIP
<i>Tephrosia chrysophylla</i>	scurf hoarypea	PIP
<i>Tephrosia florida</i>	Florida hoarypea	U
<i>Tephrosia spicata</i>	spiked hoarypea	U
<i>Trifolium campestre</i>	Field (Big-hop) clover, field clover, large hop clover, lesser hop clover, low hop clover	PIP
<i>Trifolium dubium</i>	hop clover, smallhop clover, suckling clover	PIP
<i>Trifolium incarnatum</i>	crimson clover	PIP
<i>Trifolium repens</i>	Dutch clover, ladino clover, white clover	PIP
<i>Vicia dasycarpa</i>	winter vetch	U
<i>Vicia ludoviciana</i>	deerpea vetch, Louisiana vetch, slim vetch	PIP
<i>Vicia sativa ssp. nigra</i>	common vetch, garden vetch, slimleaf vetch, vetch	PIP
<i>Vicia tetrasperma</i>	lentil vetch, sparrow vetch	PIP
<i>Vigna luteola</i>	deer pea, hairy pod cowpea	PIP
<i>Wisteria frutescens</i>	American wisteria	PIP
<i>Zornia bracteata</i>	viperina	PIP
<i>Castanea pumila</i>	Allegheny chinkapin, allegheny chinkapin, chinkapin, northern catalpa	PIP
<i>Fagus grandifolia</i>	American beech	PIP
<i>Quercus alba</i>	white oak	PIP
<i>Quercus chapmanii</i>	Chapman oak	PIP
<i>Quercus falcata</i>	southern red oak	PIP
<i>Quercus geminata</i>	sand live oak	PIP
<i>Quercus hemisphaerica</i>	Darlington oak, Darlington's oak	PIP
<i>Quercus laevis</i>	turkey oak	PIP

<i>Quercus laurifolia</i>	laurel oak	U
<i>Quercus lyrata</i>	overcup oak	U
<i>Quercus margarettiae</i>	runner oak, sand post oak	U
<i>Quercus marilandica</i>	blackjack oak	U
<i>Quercus michauxii</i>	swamp chestnut oak	PIP
<i>Quercus myrtifolia</i>	myrtle oak	PIP
<i>Quercus nigra</i>	water oak	PIP
<i>Quercus pumila</i>	running oak	U
<i>Quercus stellata</i>	post oak	PIP
<i>Quercus virginiana</i>	live oak	PIP
<i>Amsonia ciliata</i>	fringe slimpod, fringed bluestar, Texas slimpod	PIP
<i>Nerium oleander</i>	oleander	PIP
<i>Vinca minor</i>	common periwinkle, lesser periwinkle, myrtle	U
<i>Asclepias amplexicaulis</i>	bluntleaf milkweed, clasping milkweed	U
<i>Asclepias humistrata</i>	pinewoods milkweed	PIP
<i>Asclepias lanceolata</i>	fewflower milkweed	U
<i>Asclepias michauxii</i>	Michaux's milkweed	PIP
<i>Asclepias tuberosa</i>	butterfly milkweed, butterflyweed	PIP
<i>Cynanchum angustifolium</i>	gulf coast swallow-wort, Gulf coast swallowwort	PIP
<i>Cynanchum scoparium</i>	leafless swallow-wort	U
<i>Bartonia verna</i>	white screwstem	U
<i>Sabatia brachiata</i>	narrowleaf rose gentian, narrowleaf rosegentian	U
<i>Sabatia brevifolia</i>	shortleaf rose gentian	PIP
<i>Sabatia campanulata</i>	slender rose gentian, slender rosegentian	PIP
<i>Sabatia dodecandra</i>	marsh rose gentian, marsh rosegentian	U
<i>Sabatia gentianoides</i>	pinewoods rose gentian, pinewoods rosegentian	U
<i>Sabatia stellaris</i>	rose of Plymouth	PIP
<i>Gelsemium sempervirens</i>	Carolina jessamine, evening trumpetflower	PIP
<i>Mitreola sessilifolia</i>	swamp hornpod	PIP
<i>Geranium carolinianum</i>	Carolina crane's-bill, Carolina geranium	PIP

<i>Oxalis corniculata</i>	'ihi, creeping oxalis, creeping woods, creeping woodsorrel, oxalis, yellow oxalis, yellow wood sorrel	U
<i>Oxalis debilis</i> var. <i>corymbosa</i>	pink woodsorrel	PIP
<i>Oxalis dillenii</i>	Dillen's oxalis	U
<i>Oxalis priceae</i> ssp. <i>texana</i>	Texas woodsorrel	PIP
<i>Oxalis rubra</i>	Oxalis rubra, windowbox woodsorrel	U
<i>Oxalis stricta</i>	common yellow oxalis, erect woodsorrel, sheep sorrel, sourgrass, toad sorrel, upright yellow wood-sorrel, upright yellow woodsorrel, yellow woodsorrel	PIP
<i>Myriophyllum proserpinacoides</i>	parrot feather watermilfoil	U
<i>Proserpinaca palustris</i>	marsh mermaid-weed, marsh mermaidweed	PIP
<i>Proserpinaca pectinata</i>	combleaf mermaidweed, mermaidweed	PIP
<i>Hamamelis virginiana</i>	American witchhazel, witch-hazel, witchhazel	PIP
<i>Liquidambar styraciflua</i>	sweetgum	PIP
<i>Platanus occidentalis</i>	American sycamore, sycamore	PIP
<i>Halophila engelmannii</i>	Engelmann's seagrass	PP
<i>Thalassia testudinum</i>	turtle grass	PIP
<i>Vallisneria americana</i>	American eelgrass, eel-grass, watercelery	PIP
<i>Carya glabra</i>	pignut hickory	PIP
<i>Carya illinoensis</i>	pecan	PIP
<i>Carya ovalis</i>	pignut hickory, red hickory	U
<i>Carya pallida</i>	sand hickory	PIP
<i>Juncus acuminatus</i>	sharp-fruit rush, tapertip rush	PIP
<i>Juncus coriaceus</i>	leathery rush	PIP
<i>Juncus dichotomus</i>	forked rush	PIP
<i>Juncus effusus</i>	common rush, lamp rush	PIP

<i>Juncus elliotii</i>	Elliott's rush	PIP
<i>Juncus marginatus</i>	grassleaf rush	PIP
<i>Juncus megacephalus</i>	bighead rush	PIP
<i>Juncus polycephalus</i>	flatleaf rush, manyhead rush	PIP
<i>Juncus robustus</i>	stout rush	U
<i>Juncus roemerianus</i>	needlegrass rush	PIP
<i>Juncus scirpoides</i>	needlepod rush	PIP
<i>Juncus subcaudatus</i>	woodland rush	FR
<i>Juncus tenuis</i>	field rush, path rush, poverty rush, slender rush, slender yard rush, wiregrass	U
<i>Juncus validus</i>	roundhead rush	PIP
<i>Heliotropium amplexicaule</i>	clasping heliotrope	PIP
<i>Heliotropium curassavicum</i>	quail plant, salt heliotrope, seaside heliotrope	PIP
<i>Heliotropium indicum</i>	India heliotrope, Indian heliotrope	PIP
<i>Calamintha nepeta</i>	lesser calamint	PIP
<i>Clinopodium coccineum</i>	scarlet calamint	PIP
<i>Conradina canescens</i>	false rosemary	PIP
<i>Glechoma hederacea</i>	creeping charlie, gill-over-the-ground, ground ivy, groundivy, haymaids	U
<i>Hyptis alata</i>	clustered bushmint	PIP
<i>Hyptis mutabilis</i>	tropical bushmint	PIP
<i>Lamium amplexicaule</i>	common henbit, giraffehead, henbit, henbit deadnettle	U
<i>Monarda punctata</i>	spotted beebalm	PIP
<i>Prunella vulgaris</i>	common selfheal, heal all, healall, selfheal	U
<i>Pycnanthemum albescens</i>	whiteleaf mountainmint, whiteleaf mountainmint	PIP
<i>Pycnanthemum incanum</i>	hoary mountainmint	U
<i>Salvia azurea</i>	azure blue sage, blue sage	PIP
<i>Salvia lyrata</i>	lyreleaf sage	PIP
<i>Satureja georgiana</i>	Georgia savory	U

<i>Scutellaria integrifolia</i>	helmet flower	PIP
<i>Stachys floridana</i>	Florida betony, Florida hedgenettle	PIP
<i>Teucrium canadense</i>	American germander, Canada germander, Candad germander, germander, hairy germander, wood sage	PIP
<i>Trichostema dichotomum</i>	blue curls, forked bluecurls	PIP
<i>Avicennia germinans</i>	black mangrove	U
<i>Callicarpa americana</i>	American beautyberry	PIP
<i>Glandularia pulchella</i>	South American mock vervain	PIP
<i>Lantana camara</i>	lantana, largeleaf lantana	PIP
<i>Phyla nodiflora</i>	frog fruit, sawtooth fogfruit, turkey tangle, turkey tangle fogfruit	PIP
<i>Verbena brasiliensis</i>	Brazilian vervain	PIP
<i>Verbena halei</i>	slender verbena, Texas verbena, Texas vervain	PIP
<i>Verbena scabra</i>	sandpaper vervain	PIP
<i>Calycanthus floridus</i>	eastern sweetshrub	PIP
<i>Cinnamomum camphora</i>	camphor laurel, camphor tree, camphortree	U
<i>Persea borbonia</i>	redbay	PIP
<i>Persea palustris</i>	swamp bay	PIP
<i>Sassafras albidum</i>	sassafras	PIP
<i>Agave decipiens</i>	false sisal	U
<i>Yucca aloifolia</i>	aloe yucca	PIP
<i>Yucca filamentosa</i>	Adam's needle	PIP
<i>Yucca flaccida</i>	Adam's needle	PIP
<i>Yucca gloriosa</i>	moundlily yucca	PIP
<i>Dioscorea villosa</i>	wild yam	PIP
<i>Lachnanthes caroliana</i>	Carolina redroot	PIP
<i>Hypoxis hirsuta</i>	common goldstar, eastern yellow star-grass	PIP
<i>Hypoxis juncea</i>	fringed yellow star-grass	PP
<i>Hypoxis sessilis</i>	glossyseed yellow star-grass, glossyseed yellow stargrass	PIP

<i>Iris virginica</i>	Virginia iris	PIP
<i>Sisyrinchium albidum</i>	white blue-eyed grass, white blueeyed grass	U
<i>Sisyrinchium angustifolium</i>	blue eyegrass, blue-eyed grass, common blue eyedgrass, common blue-eyedgrass, narrowleaf blue-eyed grass	U
<i>Sisyrinchium arenicola</i>	coastal plain blue-eyed grass	U
<i>Sisyrinchium atlanticum</i>	eastern blue-eyed grass, eastern blueeyed grass	PIP
<i>Sisyrinchium mucronatum</i>	needle-tip blue-eyed-grass, needletip blue-eyed grass	U
<i>Sisyrinchium rosulatum</i>	annual blue-eyed grass, annual blueeyed grass	PIP
<i>Aletris aurea</i>	golden colicroot	U
<i>Aletris lutea</i>	yellow colicroot	PIP
<i>Allium canadense var. canadense</i>	Canada garlic, meadow garlic	PIP
<i>Allium canadense var. mobilense</i>	meadow garlic	PIP
<i>Atamosco candida</i>	autumn zephyrlily	U
<i>Crinum americanum</i>	seven sisters	U
<i>Crinum asiaticum</i>	poisonbulb	PIP
<i>Crinum bulbispermum</i>	hardy swampilly	FR
<i>Lilium catesbaei</i>	pine lily	U
<i>Lophiola aurea</i>	goldencrest	PIP
<i>Nothoscordum bivalve</i>	crowpoison	PIP
<i>Zephyranthes grandiflora</i>	rosepink zephyrlily	PIP
<i>Zigadenus densus</i>	Osceola's plume	U
<i>Zigadenus glaberrimus</i>	sandbog deathcamas	U
<i>Eichhornia crassipes</i>	common water hyacinth, common water-hyacinth, floating water hyacinth, floating waterhyacinth, jacinthe d'eau, jacinto de agua, lirio acuatico, mbekambekairanga, water hyacinth	PIP
<i>Pontederia cordata</i>	pickerelweed	U
<i>Smilax auriculata</i>	earleaf greenbrier	PIP

<i>Smilax bona-nox</i>	saw greenbrier	PIP
<i>Smilax glauca</i>	cat greenbrier	PIP
<i>Smilax laurifolia</i>	laurel greenbrier	PIP
<i>Smilax pumila</i>	sarsparilla vine	PIP
<i>Smilax rotundifolia</i>	bullbriar, common catbriar, common greenbrier, greenbrier, horsebriar, roundleaf greenbrier, roundleaf greenbrier	PIP
<i>Smilax smallii</i>	lanceleaf greenbrier, small greenbrier	U
<i>Smilax walteri</i>	coral greenbrier	PIP
<i>Linum floridanum</i>	Florida yellow flax	PP
<i>Linum medium</i>	stiff yellow flax	PIP
<i>Linum virginianum</i>	woodland flax	FR
<i>Lycopodiella alopecuroides</i>	foxtail clubmoss	PIP
<i>Lycopodiella appressa</i>	southern bog clubmoss	H
<i>Lycopodiella caroliniana</i> var. <i>caroliniana</i>	slender clubmoss	U
<i>Lycopodiella prostrata</i>	featherstem clubmoss	U
<i>Asimina parviflora</i>	smallflower pawpaw	PIP
<i>Liriodendron tulipifera</i>	tulip poplar, tuliptree, yellow poplar, yellow-poplar	PIP
<i>Magnolia grandiflora</i>	southern magnolia	PIP
<i>Magnolia virginiana</i>	sweetbay	PIP
<i>Hibiscus aculeatus</i>	comfortroot	PIP
<i>Hibiscus grandiflorus</i>	swamp rosemallow	PIP
<i>Hibiscus moscheutos</i>	crimson-eyed rosemallow, swamp rosemallow	PIP
<i>Kosteletzkya virginica</i>	Virginia saltmarsh mallow, Virginia saltmarsh willow	PIP
<i>Malvaviscus arboreus</i>	Malvaviscus arboreus, wax mallow	PIP
<i>Modiola caroliniana</i>	Carolina bristlemallow, Carolina modiola	PIP
<i>Sida rhombifolia</i>	arrowleaf sida, cuban jute, Cuban-jute	PIP
<i>Melochia corchorifolia</i>	chocolateweed	PIP

<i>Morella caroliniensis</i>	evergreen bayberry, southern bayberry	PIP
<i>Morella cerifera</i>	wax myrtle, waxmyrtle	PIP
<i>Ammannia coccinea</i>	purple ammannia, valley redstem	U
<i>Ammannia latifolia</i>	pink redstem	U
<i>Cuphea carthagenensis</i>	Colombian waxweed	PIP
<i>Lagerstroemia indica</i>	crapemyrtle	PIP
<i>Lythrum alatum</i> var. <i>lanceolatum</i>	winged lythrum	PIP
<i>Lythrum lineare</i>	wand lythrum	PIP
<i>Rhexia alifanus</i>	savannah meadowbeauty	PIP
<i>Rhexia cubensis</i>	West Indian meadowbeauty	U
<i>Rhexia lutea</i>	yellow meadowbeauty	PIP
<i>Rhexia mariana</i>	Maryland meadowbeauty	PIP
<i>Rhexia nashii</i>	maid Marian	PIP
<i>Rhexia petiolata</i>	fringed meadowbeauty	U
<i>Gaura angustifolia</i>	southern beeblossom	PIP
<i>Ludwigia alata</i>	winged primrose-willow	PIP
<i>Ludwigia alternifolia</i>	bushy seedbox, seedbox	PIP
<i>Ludwigia decurrens</i>	wingleaf primrose-willow, wingleaf waterprimrose	PIP
<i>Ludwigia glandulosa</i>	creeping seedbox, cylindricalfruit primrose-willow	PIP
<i>Ludwigia hirtella</i>	spindleroot	U
<i>Ludwigia leptocarpa</i>	anglestem primrose-willow, anglestem waterprimrose	PIP
<i>Ludwigia linearis</i>	narrowleaf primrose-willow, narrowleaf primrosewillow	PIP
<i>Ludwigia linifolia</i>	southeastern primrose-willow	PIP
<i>Ludwigia maritima</i>	seaside primrose-willow	PIP
<i>Ludwigia microcarpa</i>	smallfruit primrose-willow, smallfruit primrosewillow	U
<i>Ludwigia palustris</i>	marsh primrose-willow, marsh seedbox	PIP

<i>Ludwigia peploides</i>	creeping waterprimrose, floating primrose, floating primrose-willow, floating primrosewillow	U
<i>Ludwigia pilosa</i>	hairy primrose-willow, hairy primrosewillow	PIP
<i>Ludwigia sphaerocarpa</i>	globefruit primrose-willow, globefruit primrosewillow	FR
<i>Ludwigia virgata</i>	savannah primrose-willow	U
<i>Oenothera biennis</i>	common evening primrose, common evening-primrose, common eveningprimrose, evening primrose (common), hoary eveningprimrose, king's-cureall	PIP
<i>Oenothera drummondii</i>	beach evening-primrose, beach eveningprimrose	PIP
<i>Oenothera fruticosa</i>	narrowleaf evening-primrose	U
<i>Oenothera humifusa</i>	seabeach evening-primrose, seabeach eveningprimrose	PIP
<i>Oenothera laciniata</i>	cut-leaf evening-primrose, cut-leaved evening primrose, cutleaf evening-primrose, cutleaf eveningprimrose	PIP
<i>Oenothera speciosa</i>	pinkladies, Showy evening primrose, showy eveningprimrose	U
<i>Cymodocea filiformis</i>	manateeegrass	PP
<i>Halodule wrightii</i>	shoal grass	PP
<i>Triglochin striata</i>	three-ribbed arrow grass	U
<i>Ruppia maritima</i>	widgeongrass	PIP
<i>Drosera brevifolia</i>	dwarf sundew	PIP
<i>Drosera capillaris</i>	pink sundew	U
<i>Drosera filiformis</i>	threadleaf sundew	FR
<i>Drosera intermedia</i>	spoonleaf sundew	PIP

<i>Drosera rotundifolia</i>	round-leaf sundew, roundleaf sundew	U
<i>Drosera tracyi</i>	Tracy's sundew	PIP
<i>Sarracenia alata</i>	pitcherplant, yellow trumpets	PIP
<i>Sarracenia leucophylla</i>	crimson pitcherplant	U
<i>Sarracenia psittacina</i>	parrot pitcherplant	U
<i>Brasenia schreberi</i>	schreber watershield, watershield	PIP
<i>Cabomba caroliniana</i>	Carolina fanwort, fanwort	U
<i>Ceratophyllum demersum</i>	common hornwort, coon's tail, coon's-tail, coontail, hornwort	PIP
<i>Nelumbo nucifera</i>	sacred lotus	PIP
<i>Nymphaea odorata</i>	American waterlily, American white waterlily, white waterlily	PIP
<i>Burmannia biflora</i>	northern bluethread	U
<i>Burmannia capitata</i>	southern bluethread	U
<i>Cleistes bifaria</i>	small spreading pogonia	PIP
<i>Corallorrhiza wisteriana</i>	coralroot, spring coralroot	U
<i>Habenaria repens</i>	waterspider bog orchid, waterspider false reinorchid	U
<i>Platanthera ciliaris</i>	yellow fringed orchid	PIP
<i>Platanthera cristata</i>	crested yellow orchid	U
<i>Pogonia ophioglossoides</i>	snake-mouth orchid, snakemouth orchid	U
<i>Spiranthes floridana</i>	Florida ladies'-tresses	U
<i>Spiranthes vernalis</i>	spring ladies'-tresses, upland ladiestresses	PIP
<i>Corydalis micrantha</i>	smallflower corydalis, smallflower fumewort	U
<i>Fumaria officinalis</i>	drug fumitory	U
<i>Papaver somniferum</i>	opium poppy	PIP
<i>Juniperus virginiana</i>	eastern red-cedar, eastern redcedar, red cedar juniper	PIP
<i>Pinus clausa</i>	sand pine, scrub pine, spruce pine	PIP

<i>Pinus echinata</i>	arkansas pine, shortleaf pine, shortleaf yellow pine, shortstraw pine, southern yellow pine, yellow pine	PIP
<i>Pinus elliotii</i>	slash pine	PIP
<i>Pinus palustris</i>	longleaf pine	PIP
<i>Pinus taeda</i>	loblolly pine	PIP
<i>Taxodium distichum</i>	bald cypress, baldcypress	PIP
<i>Saururus cernuus</i>	lizard's tail, lizards tail	PIP
<i>Plantago aristata</i>	bottlebrush Indianwheat, largebracted plantain	U
<i>Plantago lanceolata</i>	buckhorn plantain, English plantain, lanceleaf Indianwheat, lanceleaf plantain, narrowleaf plantain, ribgrass, ribwort	PIP
<i>Plantago major</i>	broadleaf plantain, buckhorn plantain, common plantain, great plantain, rippleseed plantain	PIP
<i>Plantago rugelii</i>	black-seed plantain, blackseed plantain, Rugel's plantain	U
<i>Plantago virginica</i>	paleseed Indianwheat, Virginia plantain	PIP
<i>Plantago wrightiana</i>	wright plantain, Wright's plantain	PIP
<i>Limonium carolinianum</i>	Carolina sea-lavender, Carolina sealavender	U
<i>Polygala baldunii</i>	Baldwin's milkwort	U
<i>Polygala brevifolia</i>	littleleaf milkwort	PIP
<i>Polygala cruciata</i>	drumheads	PIP
<i>Polygala curtissii</i>	Curtiss' milkwort	FR
<i>Polygala cymosa</i>	tall pinebarren milkwort	U
<i>Polygala grandiflora</i>	showy milkwort	PIP
<i>Polygala incarnata</i>	procession flower	PIP
<i>Polygala lutea</i>	orange milkwort	PIP
<i>Polygala nana</i>	candyroot	PIP
<i>Polygala ramosa</i>	low pinebarren milkwort	PIP
<i>Eriogonum tomentosum</i>	dogtongue buckwheat	PIP

<i>Polygonella gracilis</i>	tall jointweed	PIP
<i>Polygonella macrophylla</i>	largeleaf jointweed	PIP
<i>Polygonella polygama</i>	October flower	PIP
<i>Polygonum hydropiperoides</i>	swamp smartweed	PIP
<i>Polygonum lapathifolium</i>	curltop ladysthumb, curlytop knotweed, curlytop smartweed, dock-leaf smartweed, nodding smartweed, pale smartweed, smartweed	PIP
<i>Polygonum pennsylvanicum</i>	Pennsylvania knotweed, Pennsylvania smartweed, pinkweed, pinweed	U
<i>Polygonum punctatum</i>	dotted smartweed	PIP
<i>Rumex altissimus</i>	pale dock, smooth dock	U
<i>Rumex chrysocarpus</i>	amamastla	PIP
<i>Rumex crispus</i>	Curley dock, curly dock, narrowleaf dock, sour dock, yellow dock	U
<i>Rumex hastatulus</i>	heartwing dock, heartwing sorrel	PIP
<i>Rumex obovatus</i>	tropical dock	PIP
<i>Rumex orbiculatus</i>	greater water dock	FR
<i>Rumex pulcher</i>	fiddle dock	PIP
<i>Rumex verticillatus</i>	swamp dock	PIP
<i>Woodwardia areolata</i>	chainfern, netted chainfern	PIP
<i>Woodwardia virginica</i>	Virginia chainfern, virginia chainfern	PIP
<i>Pteridium aquilinum</i>	bracken, bracken fern, brackenfern, northern bracken fern, western brackenfern	PIP
<i>Lygodium japonicum</i>	Japanese climbing fern	PIP
<i>Osmunda cinnamomea</i>	cinnamon fern	PIP
<i>Osmunda regalis</i>	royal fern	PIP
<i>Ceratopteris thalictroides</i>	watersprite	PIP
<i>Pleopeltis polypodioides ssp. michauxiana</i>	resurrection fern, resurrection fern	PIP
<i>Pteris vittata</i>	Chinese brake, ladder brake	PIP

<i>Thelypteris kunthii</i>	Kunth's maiden fern	PIP
<i>Thelypteris palustris</i>	eastern marsh fern, marsh fern, meadow fern	PIP
<i>Anagallis arvensis</i>	pimpernel, scarlet pimpernel	PIP
<i>Anagallis minima</i>	chaffweed	PIP
<i>Samolus parviflorus</i>	water-pimpernel	U
<i>Nandina domestica</i>	heavenly bamboo, nanten, sacred bamboo	PIP
<i>Cocculus carolinus</i>	Carolina coralbead, Carolina snailseed, redberry moonseed	PIP
<i>Clematis terniflora</i>	leatherleaf clematis, sweet autumn virginsbower, yam-leaved clematis	PIP
<i>Ranunculus acris</i>	meadow buttercup, tall buttercup	FR
<i>Ranunculus platensis</i>	prairie buttercup	PIP
<i>Ranunculus sceleratus</i> <i>var. sceleratus</i>	cursed buttercup	PIP
<i>Elaeagnus multiflora</i>	cherry silverberry	FR
<i>Berchemia scandens</i>	Alabama supplejack	U
<i>Ceanothus americanus</i>	Jersey tea, jerseytea, New Jersey tea, new jersey tea	U
<i>Ampelopsis arborea</i>	peppervine	PIP
<i>Ampelopsis cordata</i>	heartleaf peppervine	PIP
<i>Parthenocissus quinquefolia</i>	American ivy, fiveleaved ivy, Virginia creeper, woodbine	PIP
<i>Vitis aestivalis</i>	summer grape	U
<i>Vitis cinerea</i> <i>var. cinerea</i>	graybark grape	PIP
<i>Vitis rotundifolia</i>	muscadine, muscadine grape	PIP
<i>Vitis vulpina</i>	fox grape, frost grape, wild grape	PIP
<i>Rhizophora mangle</i>	American mangrove, mangrove, red mangrove	FR
<i>Licania michauxii</i>	gopher apple	PIP
<i>Sedum pulchellum</i>	widowscross	FR
<i>Itea virginica</i>	Virginia sweetspire	PIP

<i>Crataegus lacrimata</i>	Pensacola hawthorn	U
<i>Crataegus viridis</i>	green hawthorn	PIP
<i>Photinia pyrifolia</i>	red chokeberry	PIP
<i>Prunus angustifolia</i>	Chickasaw plum	PIP
<i>Prunus caroliniana</i>	Carolina laurelcherry	PIP
<i>Prunus serotina</i>	black cherry, black chokecherry	PIP
<i>Pyracantha koidzumii</i>	Formosa firethorn	PIP
<i>Rosa laevigata</i>	Cherokee rose	PIP
<i>Rubus argutus</i>	prickly Florida blackberry, sawtooth blackberry	PIP
<i>Rubus cuneifolius</i>	sand blackberry	U
<i>Rubus trivialis</i>	southern dewberry	PIP
<i>Cephalanthus occidentalis</i>	buttonbush, common buttonbush	PIP
<i>Diodia teres</i>	poor joe, poorjoe, rough buttonweed	PIP
<i>Diodia virginiana</i>	Virginia buttonweed	PIP
<i>Galium aparine</i>	bedstraw, catchweed bedstraw, cleavers, cleaverwort, goose grass, scarthgrass, sticky-willy, stickywilly, white hedge	PP
<i>Galium circaezans</i>	licorice bedstraw, wild licorice, woods bedstraw	U
<i>Galium hispidulum</i>	coastal bedstraw	PIP
<i>Galium obtusum</i>	blunt-leaf bedstraw, bluntleaf bedstraw, bristly bedstraw	PIP
<i>Galium pilosum</i>	hairy bedstraw	PIP
<i>Galium tinctorium</i>	dye bedstraw, stiff marsh bedstraw	PIP
<i>Hedyotis caerulea</i>	Quaker-ladies	FR
<i>Houstonia procumbens</i>	roundleaf bluet	PIP
<i>Houstonia pusilla</i>	tiny bluet	U
<i>Mitchella repens</i>	partridgeberry	PIP
<i>Oldenlandia corymbosa</i>	flat-top mille grains, flattop mille grains	PIP
<i>Oldenlandia uniflora</i>	clustered mille grains, oneflower oldenlandia	PIP
<i>Richardia brasiliensis</i>	tropical Mexican clover	PIP

<i>Richardia humistrata</i>	South American Mexican clover	PIP
<i>Richardia scabra</i>	rough Mexican clover	U
<i>Spermacoce tenuior</i>	slender false buttonweed	PIP
<i>Populus heterophylla</i>	swamp cottonwood	U
<i>Salix nigra</i>	black willow	PIP
<i>Phoradendron leucarpum</i>	oak mistletoe	PIP
<i>Acer floridanum</i>	Florida maple	U
<i>Acer rubrum var. rubrum</i>	red maple	PIP
<i>Acer rubrum var. trilobum</i>	red maple	PIP
<i>Rhus copallinum</i>	flameleaf sumac	PIP
<i>Rhus toxicodendron</i>	eastern poison oak	U
<i>Toxicodendron radicans</i>	eastern poison ivy, poison ivy, poisonivy	PIP
<i>Toxicodendron toxicodendron</i>	eastern poison ivy, poison ivy, poisonivy	U
<i>Toxicodendron vernix</i>	poison sumac	PIP
<i>Aesculus pavia</i>	red buckeye	PIP
<i>Melia azedarach</i>	chinaberry, Chinaberry tree, Chinaberrytree, Indian lilac, lelah, paraiso, pride of India, white cedar	PIP
<i>Zanthoxylum clava-herculis</i>	Hercules' club, hercules-club, hercules-club pricklyash	U
<i>Ruellia brittoniana</i>	Britton's wild petunia	PIP
<i>Ruellia caroliniensis</i>	Carolina wild petunia	PIP
<i>Ruellia strepens</i>	limestone wild petunia, limestone wildpetunia	PIP
<i>Bignonia capreolata</i>	cross vine, crossvine	PIP
<i>Campsis radicans</i>	common trumpetcreeper, cow-itch, trumpet creeper	PIP
<i>Polypremum procumbens</i>	juniper leaf	PIP
<i>Pinguicula lutea</i>	yellow butterwort	U
<i>Utricularia cornuta</i>	horned bladderwort	PIP

<i>Utricularia gibba</i>	conespur bladderpod, humped bladderwort	PIP
<i>Utricularia juncea</i>	southern bladderwort	PIP
<i>Utricularia radiata</i>	little floating bladderwort	U
<i>Utricularia subulata</i>	zigzag bladderwort	PIP
<i>Ligustrum japonicum</i>	Japanese privet	PIP
<i>Ligustrum sinense</i>	Chinese privet, common chinese privet	PIP
<i>Osmanthus americanus</i>	devilwood	PIP
<i>Agalinis fasciculata</i>	beach false foxglove	PIP
<i>Agalinis filifolia</i>	Seminole false foxglove	PIP
<i>Agalinis maritima</i>	saltmarsh false foxglove, seaside gerardia	U
<i>Agalinis purpurea</i>	purple false foxglove	U
<i>Agalinis tenuifolia</i>	slender-leaf false foxglove, slenderleaf false foxglove	U
<i>Aureolaria flava</i>	smooth yellow false foxglove	PIP
<i>Aureolaria virginica</i>	downy yellow false foxglove	PIP
<i>Bacopa monnieri</i>	coastal waterhyssop, herb of grace, herb-of-grace	PIP
<i>Buchnera americana</i>	American bluehearts, bupleurum	U
<i>Gratiola hispida</i>	rough hedgehyssop	PIP
<i>Gratiola virginiana</i>	roundfruit hedgehyssop, Virginia hedgehyssop	PIP
<i>Nuttallanthus canadensis</i>	Canada toadflax, oldfield toadflax, oldfield-toadflax	U
<i>Nuttallanthus floridanus</i>	Apalachicola toadflax	PIP
<i>Nuttallanthus texanus</i>	Texas toadflax, Texas-toadflax	PIP
<i>Pedicularis canadensis</i>	Canadian lousewort, early lousewort	U
<i>Penstemon laevigatus</i>	eastern smooth beardtongue	U
<i>Scoparia dulcis</i>	licorice weed	PIP
<i>Seymeria cassioides</i>	yaupon blacksenna	PIP
<i>Seymeria pectinata</i>	piedmont blacksenna	PIP
<i>Verbascum virgatum</i>	wand mullein	PIP

<i>Veronica arvensis</i>	common speedwell, corn speedwell, rock speedwell, wall speedwell	PIP
<i>Veronica peregrina</i>	neckweed, purslane speedwell	PIP
<i>Bonamia humistrata</i>	southern daisy	U
<i>Calystegia sepium</i>	bearbind, devil's guts, hedge bindweed, hedge false bindweed, hedge falsebindweed, hedgebell, large bindweed, old man's night cap, wild morning glory	PIP
<i>Dichondra carolinensis</i>	Carolina ponysfoot, grass ponyfoot	PIP
<i>Ipomoea cairica</i>	mile a minute vine, mile-a-minute vine	U
<i>Ipomoea coccinea</i>	Mexican morningglory, red morningglory, redstar, scarlet morningglory, scarlet morningglory, starglory, woolly tidestromia	U
<i>Ipomoea cordatotriloba</i> <i>var. cordatotriloba</i>	cotton morningglory, sharppod morningglory, tievine	PIP
<i>Ipomoea hederacea</i>	entireleaf morningglory, ivy-leaf mornin-glory, ivyleaf morning-glory, ivyleaf morningglory, ivyleaf morningglory, Mexican morningglory	U
<i>Ipomoea imperati</i>	beach morning-glory, beach morningglory	PIP
<i>Ipomoea lacunosa</i>	pitted morningglory, white morningglory, whitestar	PIP
<i>Ipomoea littoralis</i>	whiteflower beach morning-glory, whiteflower beach morningglory	FR

<i>Ipomoea pandurata</i>	bigroot morningglory, bigroot morningglory, man of the earth, man-of-the-earth	PIP
<i>Ipomoea pes-caprae</i>	bayhops	PIP
<i>Ipomoea sagittata</i>	saltmarsh morning-glory, saltmarsh morningglory	PIP
<i>Jacquemontia tamnifolia</i>	clustervine, hairy clustervine	PIP
<i>Stylisma patens</i>	coastalplain daisy	PIP
<i>Cuscuta campestris</i>	field dodder	PIP
<i>Cuscuta compacta</i>	compact dodder	PIP
<i>Cuscuta gronovii</i>	scaldweed	U
<i>Cuscuta indecora</i>	bigseed alfalfa dodder, large-seed dodder, largeseed dodder, pretty dodder	PIP
<i>Cuscuta pentagona</i>	bush-clover dodder, field dodder, fiveangled dodder, lespedeza dodder	PIP
<i>Ipomopsis rubra</i>	standing-cypress, Texas plume	PIP
<i>Phlox divaricata</i>	wild blue phlox	U
<i>Phlox drummondii</i>	annual phlox, drummond phlox	U
<i>Phlox glaberrima</i>	smooth phlox	U
<i>Phlox pilosa</i>	downy phlox	PIP
<i>Lycium carolinianum</i>	Carolina desert-thorn, Carolina wolfberry	PIP
<i>Physalis angustifolia</i>	coastal groundcherry	PIP
<i>Physalis longifolia</i>	common groundcherry, long-leaf ground-cherry, longleaf groundcherry	U
<i>Physalis pendula</i>	cutleaf groundcherry	U
<i>Physalis viscosa</i>	grape groundcherry, groundcherry, starhair groundcherry	U
<i>Solanum americanum</i>	American black nightshade, purple nightshade (common), smallflower nightshade	PIP

<i>Solanum carolinense</i>	apple of Sodom, bull nettle, Carolina horsenettle, devil's tomato, horsenettle, sand briar	PIP
<i>Solanum douglasii</i>	green-spot nightshade, greenspot nightshade	PIP
<i>Solanum pseudogracile</i>	glowing nightshade	PIP
<i>Solanum ptycanthum</i>	black nightshade	PIP
<i>Solanum rostratum</i>	buffalobur, buffalobur nightshade, Colorado bur, horned nightshade, Kansas thistle, Mexican thistle, Texas thistle	U
<i>Solanum sisymbriifolium</i>	sticky nightshade	PIP
<i>Hypericum brachyphyllum</i>	coastalplain St. Johnswort	PIP
<i>Hypericum cistifolium</i>	roundpod St. Johnswort	PIP
<i>Hypericum crux-andreae</i>	atlantic st. peter's-wort, St. Peterswort	PIP
<i>Hypericum densiflorum</i>	bushy St. Johnswort, dense st. johnswort	PIP
<i>Hypericum drummondii</i>	Drummond St. Johnswort, nits and lice	U
<i>Hypericum fasciculatum</i>	peelbark St. Johnswort, St. Johnswort	U
<i>Hypericum gentianoides</i>	orangegrass, pinweed st. johnswort	PIP
<i>Hypericum gymnanthum</i>	claspingleaf St. Johnswort	U
<i>Hypericum hypericoides</i>	St. Andrew's cross, St. Andrews cross	PIP
<i>Hypericum mutilum</i>	dwarf St. Johnswort	U
<i>Hypericum nitidum</i>	Carolina St. Johnswort	U
<i>Hypericum reductum</i>	Atlantic St. Johnswort	PIP
<i>Triadenum virginicum</i>	marsh st. john's wort, Virginia marsh St. Johnswort	PIP
<i>Typha angustifolia</i>	narrow-leaf cat-tail, narrowleaf cattail	FR
<i>Typha domingensis</i>	Southern cat-tail, southern cattail	PIP

<i>Typha latifolia</i>	broadleaf cattail, cattail, cattail (common), common cattail	PIP
<i>Morus alba</i>	mulberry, white mulberry	PIP
<i>Morus rubra</i>	red mulberry	PIP
<i>Boehmeria cylindrica</i>	small-spike false nettle, smallspike false nettle, smallspike falsenettle	PIP
<i>Parietaria pensylvanica</i>	Pennsylvania pellitory	PIP
<i>Helianthemum arenicola</i>	coastalsand frostweed	PIP
<i>Helianthemum corymbosum</i>	pinebarren frostweed	U
<i>Helianthemum georgianum</i>	Georgia frostweed	U
<i>Helianthemum nashii</i>	Florida scrub frostweed	FR
<i>Lechea deckertii</i>	Deckert's pinweed	FR
<i>Lechea minor</i>	thymeleaf pinweed	U
<i>Lechea mucronata</i>	hairy pinweed	PIP
<i>Lechea pulchella</i>	Leggett's pinweed	PIP
<i>Lechea sessiliflora</i>	pineland pinweed	PIP
<i>Lechea tenuifolia</i>	narrowleaf pinweed	U
<i>Lechea torreyi</i>	piedmont pinweed	U
<i>Citrullus lanatus</i>	watermelon	PIP
<i>Cucurbita pepo</i>	field pumpkin, vegetable marrow	PIP
<i>Melothria pendula</i>	drooping melonnettle, Guadeloupe cucumber	PIP
<i>Passiflora incarnata</i>	purple passionflower	PIP
<i>Passiflora lutea</i>	passionflower, yellow passionflower	PIP
<i>Viola lanceolata</i>	bog white violet, lanceleaf violet	PIP
<i>Viola X primulifolia</i>	primrose violet, violet	PIP

<sup>1</sup>Park Status refers to the current status of the organism in the park, where PIP=Present in Park, PP=Probably Present, E=Encroaching, U=Unconfirmed, N/A=Not Available, H=Historic.



The U.S. Department of the Interior (DOI) is the nation's principal conservation agency, charged with the mission "*to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian tribes and our commitments to island communities.*" More specifically, Interior protects America's treasures for future generations, provides access to our nation's natural and cultural heritage, offers recreation opportunities, honors its trust responsibilities to American Indians and Alaska Natives and its responsibilities to island communities, conducts scientific research, provides wise stewardship of energy and mineral resources, fosters sound use of land and water resources, and conserves and protects fish and wildlife. The work that we do affects the lives of millions of people; from the family taking a vacation in one of our national parks to the children studying in one of our Indian schools.

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**National Park Service**  
**U.S. Department of the Interior**



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**Natural Resource Program Center**  
1201 Oakridge Drive, Suite 150  
Fort Collins, CO 80525

[www.nature.nps.gov](http://www.nature.nps.gov)

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