



U.S. Fish and Wildlife Service

## Trust Resources List

**This resource list is to be used for planning purposes only — it is not an official species list.**

**Endangered Species Act species list information for your project is available online and listed below for the following FWS Field Offices:**

**South Florida Ecological Services Field Office**  
1339 20TH STREET  
VERO BEACH, FL 32960  
(772) 562-3909  
<http://fws.gov/verobeach>

***Project Name:***

Turkey Point

***Project Counties:***

Okeechobee, FL

***Project Type:***

Power Generation

***Endangered Species Act Species List ([USFWS Endangered Species Program](#)).***

There are a total of **14** threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fishes may appear on the species list because a project could cause downstream effects on the species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section below for critical habitat that lies within your project area. Please contact the designated FWS office if you have questions.

**Species that should be considered in an effects analysis for your project:**

Birds	Status		Has Critical Habitat	Contact
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Audubon's Crested caracara ( <i>Polyborus plancus audubonii</i> ) Population: FL pop.	Threatened	<a href="#">species info</a>		South Florida Ecological Services Field Office
Everglade Snail kite ( <i>Rostrhamus sociabilis plumbeus</i> ) Population: FL pop.	Endangered	<a href="#">species info</a>	<a href="#">Final designated critical habitat</a>	South Florida Ecological Services Field Office
Florida Grasshopper sparrow ( <i>Ammodramus savannarum floridanus</i> ) Population: Entire	Endangered	<a href="#">species info</a>		South Florida Ecological Services Field Office
Florida scrub-jay ( <i>Aphelocoma coerulescens</i> ) Population: Entire	Threatened	<a href="#">species info</a>		South Florida Ecological Services Field Office
Ivory-Billed woodpecker ( <i>Campephilus principalis</i> ) Population: Entire	Endangered	<a href="#">species info</a>		South Florida Ecological Services Field Office
Red-Cockaded woodpecker ( <i>Picoides borealis</i> ) Population: Entire	Endangered	<a href="#">species info</a>		South Florida Ecological Services Field Office
Whooping crane ( <i>Grus americana</i> ) Population: U.S.A. (CO, ID, FL, NM, UT, and the western half of Wyoming)	Experimental Population, Non-Essential	<a href="#">species info</a>		South Florida Ecological Services Field Office
Wood stork ( <i>Mycteria americana</i> ) Population: AL, FL, GA, MS, NC, SC	Threatened	<a href="#">species info</a>		South Florida Ecological Services Field Office
<b>Mammals</b>				
Florida Bonneted bat ( <i>Eumops floridanus</i> )	Endangered	<a href="#">species info</a>		South Florida Ecological Services Field Office
Florida panther ( <i>Puma (=felis) concolor coryi</i> ) Population:	Endangered	<a href="#">species info</a>		South Florida Ecological Services Field Office



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puma ( <i>Puma (=felis) concolor (all subsp. except coryi)</i> ) Population: FL	Similarity of Appearance (Threatened)	<a href="#">species info</a>		South Florida Ecological Services Field Office
West Indian Manatee ( <i>Trichechus manatus</i> ) Population: Entire	Endangered	<a href="#">species info</a>	<a href="#">Final designated critical habitat</a>	South Florida Ecological Services Field Office
Reptiles				
American alligator ( <i>Alligator mississippiensis</i> ) Population: Entire	Similarity of Appearance (Threatened)	<a href="#">species info</a>		South Florida Ecological Services Field Office
Eastern Indigo snake ( <i>Drymarchon corais couperi</i> ) Population: Entire	Threatened	<a href="#">species info</a>		South Florida Ecological Services Field Office

**Critical habitats within your project area:** [\(View all critical habitats within your project area on one map\)](#)

The following critical habitats lie fully or partially within your project area.

Birds	Critical Habitat Type
Everglade Snail kite ( <i>Rostrhamus sociabilis plumbeus</i> ) Population: FL pop.	<a href="#">Final designated critical habitat</a>

***FWS National Wildlife Refuges*** ([USFWS National Wildlife Refuges Program](#)).

*There are no refuges found within the vicinity of your project.*

***FWS Migratory Birds*** ([USFWS Migratory Bird Program](#)).

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). The MBTA has no provision for allowing take of migratory birds that may be



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unintentionally killed or injured by otherwise lawful activities. For more information regarding these Acts see <http://www.fws.gov/migratorybirds/RegulationsandPolicies.html>.

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html>.

### Migratory birds of concern that may be affected by your project:

There are 17 birds on your Migratory birds of concern list. The Division of Migratory Bird Management is in the process of populating migratory bird data with an estimated completion time of Fall 2014; therefore, the list below may not include all the migratory birds of concern in your project area at this time. While this information is being populated, please contact the Field Office for information about migratory birds in your project area.

Species Name	Bird of Conservation Concern (BCC)	Species Profile	Seasonal Occurrence in Project Area
American Kestrel ( <i>Falco sparverius ssp. paulus</i> )	Yes	<a href="#">species info</a>	Year-round
American Oystercatcher ( <i>Haematopus palliatus</i> )	Yes	<a href="#">species info</a>	Year-round
American bittern ( <i>Botaurus lentiginosus</i> )	Yes	<a href="#">species info</a>	Wintering
Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Yes	<a href="#">species info</a>	Year-round
Brown-headed Nuthatch ( <i>Sitta pusilla</i> )	Yes	<a href="#">species info</a>	Year-round
Chuck-will's-widow ( <i>Caprimulgus carolinensis</i> )	Yes	<a href="#">species info</a>	Year-round
Common Ground-Dove ( <i>Columbina passerina ssp. exigua</i> )	Yes	<a href="#">species info</a>	Year-round
Least Bittern ( <i>Ixobrychus exilis</i> )	Yes	<a href="#">species info</a>	Year-round
Lesser Yellowlegs ( <i>Tringa flavipes</i> )	Yes	<a href="#">species info</a>	Wintering



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Marbled Godwit ( <i>Limosa fedoa</i> )	Yes	<a href="#">species info</a>	Wintering
Roseate Spoonbill ( <i>Platalea ajaja</i> )	Yes	<a href="#">species info</a>	Year-round
Rusty Blackbird ( <i>Euphagus carolinus</i> )	Yes	<a href="#">species info</a>	Wintering
Short-billed Dowitcher ( <i>Limnodromus griseus</i> )	Yes	<a href="#">species info</a>	Wintering
Smooth-Billed ani ( <i>Crotophaga ani</i> )	Yes	<a href="#">species info</a>	Year-round
Swainson's Warbler ( <i>Limnothlypis swainsonii</i> )	Yes	<a href="#">species info</a>	Migrating
Worm eating Warbler ( <i>Helmitheros vermivorum</i> )	Yes	<a href="#">species info</a>	Migrating
Yellow Rail ( <i>Coturnicops noveboracensis</i> )	Yes	<a href="#">species info</a>	Wintering

### ***NWI Wetlands ([USFWS National Wetlands Inventory](#)).***

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

### **Data Limitations, Exclusions and Precautions**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.



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The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

**Exclusions** - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Precautions** - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

**The following wetland types intersect your project area in one or more locations:**

Wetland Types	NWI Classification Code	Total Acres
Freshwater Emergent Wetland	<a href="#">PEM/SS1C</a>	2.1162
Freshwater Emergent Wetland	<a href="#">PEM1Cx</a>	0.6764
Freshwater Emergent Wetland	<a href="#">PEM1/FO3A</a>	1.3254
Freshwater Emergent Wetland	<a href="#">PEM1/SS4A</a>	7.8548
Freshwater Emergent Wetland	<a href="#">PEM1/FO4C</a>	7.2634
Freshwater Emergent Wetland	<a href="#">PEM1/FO4A</a>	49.3412
Freshwater Emergent Wetland	<a href="#">PEM1Ad</a>	1016.4501
Freshwater Emergent Wetland	<a href="#">PEM1/FO2Fd</a>	2.4362
Freshwater Emergent Wetland	<a href="#">PEM1Fd</a>	593.1373



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Freshwater Emergent Wetland	<a href="#">PEM1F</a>	1268.3147
Freshwater Emergent Wetland	<a href="#">PEM1C</a>	1218.6667
Freshwater Emergent Wetland	<a href="#">PEM1A</a>	945.3603
Freshwater Emergent Wetland	<a href="#">PEM1B</a>	20.7615
Freshwater Emergent Wetland	<a href="#">PEM1Fx</a>	2.0551
Freshwater Emergent Wetland	<a href="#">PEM1Cd</a>	1044.4054
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/4C</a>	10.4938
Freshwater Forested/Shrub Wetland	<a href="#">PFO/SS7C</a>	11.5478
Freshwater Forested/Shrub Wetland	<a href="#">PSS1Cd</a>	24.8402
Freshwater Forested/Shrub Wetland	<a href="#">PFO/SS3B</a>	12.0934
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/SS1Ad</a>	0.639
Freshwater Forested/Shrub Wetland	<a href="#">PFO4A</a>	11.4035
Freshwater Forested/Shrub Wetland	<a href="#">PFO6Cd</a>	7.6702
Freshwater Forested/Shrub Wetland	<a href="#">PSS3A</a>	25.1222
Freshwater Forested/Shrub Wetland	<a href="#">PFO2/4F</a>	18.4141
Freshwater Forested/Shrub Wetland	<a href="#">PSS6/EM1C</a>	3.6892
Freshwater Forested/Shrub Wetland	<a href="#">PSS/FO3C</a>	14.4104
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/3F</a>	109.1249
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/3C</a>	79.0026
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/3A</a>	2.9064
Freshwater Forested/Shrub Wetland	<a href="#">PSS3C</a>	26.8888
Freshwater Forested/Shrub Wetland	<a href="#">PSS1/3C</a>	313.9582
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/6Cd</a>	8.383
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/4A</a>	1.9824
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/3Ad</a>	4.2336
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/4C</a>	13.4141





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Freshwater Forested/Shrub Wetland	<a href="#">PFO1/SS1F</a>	16.328
Freshwater Forested/Shrub Wetland	<a href="#">PFO3A</a>	22.3286
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/SS1B</a>	2.1918
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/SS1C</a>	10.2865
Freshwater Forested/Shrub Wetland	<a href="#">PFO/SS1C</a>	7.8096
Freshwater Forested/Shrub Wetland	<a href="#">PSS3Cd</a>	33.0827
Freshwater Forested/Shrub Wetland	<a href="#">PFO3B</a>	32.2455
Freshwater Forested/Shrub Wetland	<a href="#">PFO3C</a>	2.6755
Freshwater Forested/Shrub Wetland	<a href="#">PSS1/3Cd</a>	5.8355
Freshwater Forested/Shrub Wetland	<a href="#">PSS1Ad</a>	4.4739
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/3C</a>	14.9361
Freshwater Forested/Shrub Wetland	<a href="#">PFO1/3A</a>	27.0987
Freshwater Forested/Shrub Wetland	<a href="#">PFO6F</a>	6.1748
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/7F</a>	8.9264
Freshwater Forested/Shrub Wetland	<a href="#">PSS3/1C</a>	12.7767
Freshwater Forested/Shrub Wetland	<a href="#">PFO2B</a>	2.5058
Freshwater Forested/Shrub Wetland	<a href="#">PFO2F</a>	8.708
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/4C</a>	3.9349
Freshwater Forested/Shrub Wetland	<a href="#">PFO6C</a>	12.2318
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/4Ad</a>	14.0821
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/SS3F</a>	0.4973
Freshwater Forested/Shrub Wetland	<a href="#">PFO6/3Cd</a>	5.4042
Freshwater Forested/Shrub Wetland	<a href="#">PFO3Ad</a>	0.649
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/1A</a>	12.1497
Freshwater Forested/Shrub Wetland	<a href="#">PFO1B</a>	53.398
Freshwater Forested/Shrub Wetland	<a href="#">PFO3/1F</a>	33.7087





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Freshwater Forested/Shrub Wetland	<a href="#">PSS1A</a>	58.682
Freshwater Forested/Shrub Wetland	<a href="#">PFO1C</a>	27.7754
Freshwater Forested/Shrub Wetland	<a href="#">PFO1A</a>	4.5239
Freshwater Forested/Shrub Wetland	<a href="#">PSS1C</a>	26.697
Freshwater Forested/Shrub Wetland	<a href="#">PSS1F</a>	13.0869
Freshwater Forested/Shrub Wetland	<a href="#">PFO1F</a>	162.567
Freshwater Forested/Shrub Wetland	<a href="#">PSS6/3F</a>	11.0925
Freshwater Forested/Shrub Wetland	<a href="#">PSS6C</a>	3.3874
Freshwater Forested/Shrub Wetland	<a href="#">PSS3Ad</a>	3.4129
Freshwater Pond	<a href="#">PAB4Fx</a>	9.7443
Freshwater Pond	<a href="#">PAB4F</a>	23.139
Freshwater Pond	<a href="#">PUBHx</a>	56.4917
Freshwater Pond	<a href="#">PAB4Hx</a>	1.2814
Riverine	<a href="#">R2UBH</a>	9.2054
Riverine	<a href="#">R2UBHx</a>	23.3264
Riverine	<a href="#">R2AB6Hx</a>	0.417