

**Florida Fish and Wildlife Conservation Commission
Division of Habitat and Species Conservation
Land Conservation and Planning
Camp Hammock Florida Forever Project Analysis
December 2025**



This document contains the Florida Fish and Wildlife Conservation Commission's (FWC) Geographic Information System (GIS) data analysis of the area yet to be acquired within the **Camp Hammock** Florida Forever project. This analysis was performed to provide FWC and others with important fish and wildlife resource information to be used in evaluating and ranking Florida Forever projects. The data selected for analysis are those considered by FWC to spatially reflect important fish and wildlife habitat and life history requirements.

In addition, FWC has completed a field review and associated assessment report for this project/proposal that is incorporated within the Acquisition and Restoration Council Florida Forever Project Evaluation Report. This report is available upon request.

GIS Data

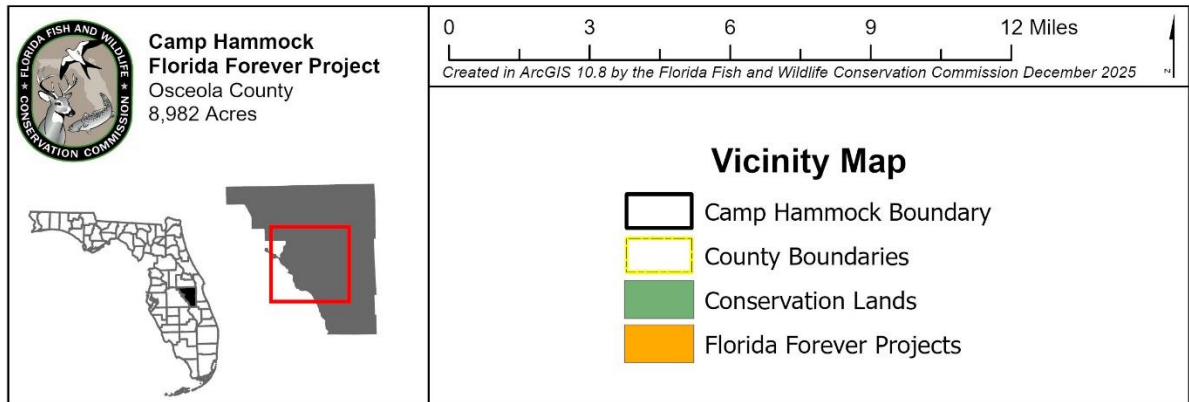
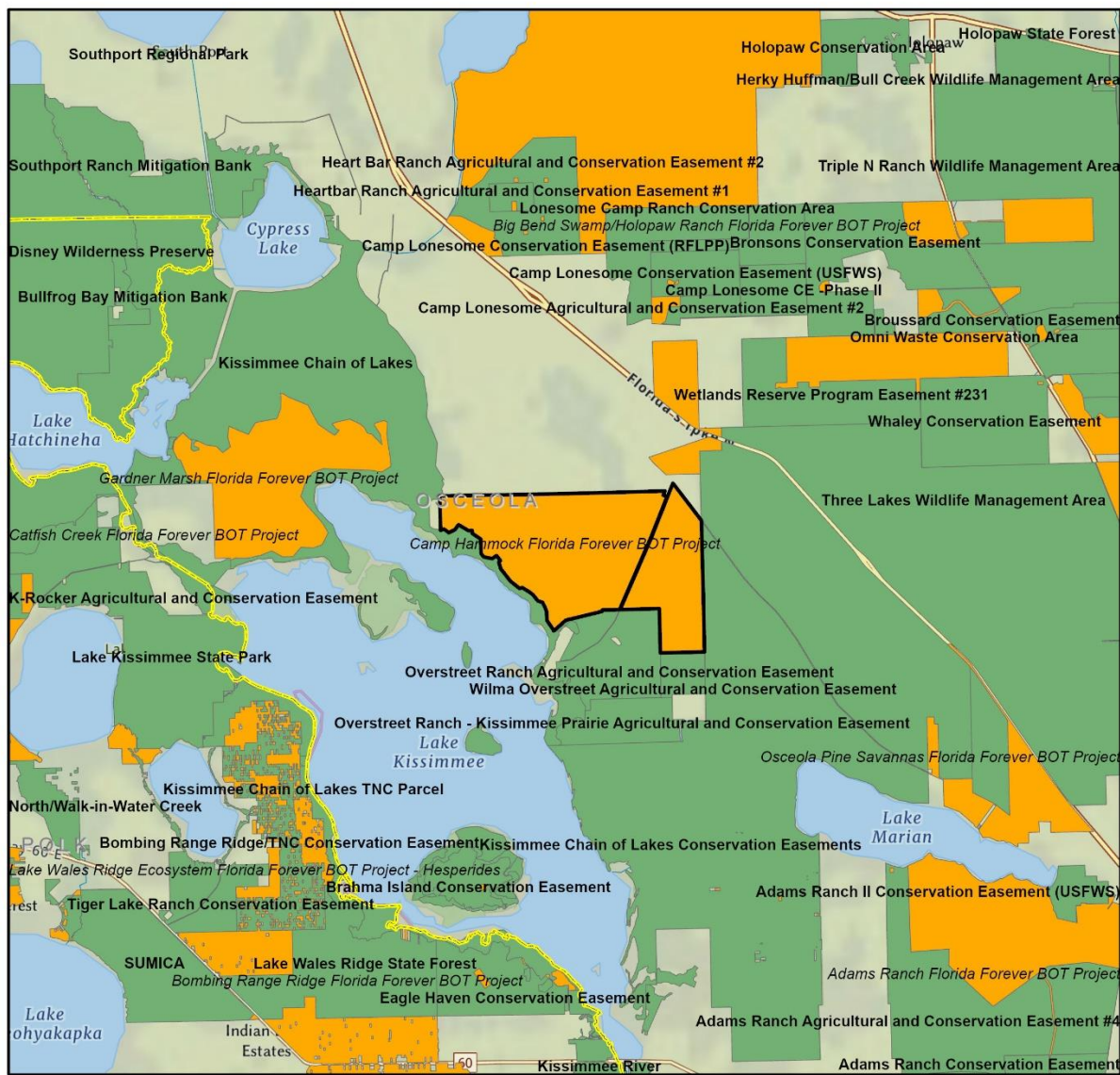
The FWC utilizes the Florida Cooperative Land Cover (CLC) GIS data layer for identification and mapping of land cover. The CLC is a cooperative effort between the FWC and the Florida Natural Areas Inventory (FNAI) to develop ecologically-based statewide land cover from existing sources and expert review of aerial photography. Land cover acreage estimates found in this document are based on GIS analysis of these data.

The FWC Florida Landscape Assessment Model (FLAM) is a GIS-based assessment tool that incorporates a wide variety of land cover and wildlife species data. These wildlife species include imperiled species and locally important species. Application of this model assists in the identification and conservation of important wildlife habitats. The FLAM ranks the Florida landscape based upon important natural resources and habitat needs of wildlife to identify ecologically significant lands in the state, and to assess the potential impacts of land development projects on wildlife populations. The FLAM is provided as part of the FWC's continuing technical assistance to various local, regional, state, and federal agencies, and entities interested in wildlife needs and conservation in order to: (1) determine ways to avoid or minimize project impacts by evaluating alternative placements, alignments, and transportation corridors during early planning stages, (2) assess direct, secondary, and cumulative impacts to habitat and wildlife resources, and (3) help identify appropriate parcels for land conservation, and for wetland and upland habitat mitigation. The FLAM ranks habitat from 0-10; a rank of 10 being of greatest value. **The FLAM score for this project is 5.7.**

Important fish and wildlife resource GIS data were queried using Environmental Resource Analysis GIS computer software. These data include the following GIS layers:

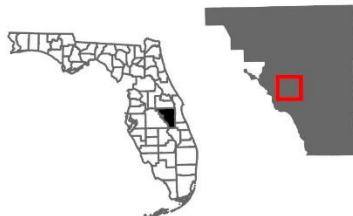
- FWC-FNAI Florida Cooperative Land Cover
- FWC Strategic Habitat Conservation Areas – Priority and Species

- Critical Lands and Waters Identification Project (CLIP) – Priority 1 and 2 – Terrestrial and Water
- CLIP – Landscape, Biodiversity, and Floodplain Resources
- Panther Location
- Panther Mortality
- Florida Panther Priority Habitat (Primary, Secondary, and Dispersal)
- Black Bear Range
- Rare Fish Locations/ Imperiled Waters
- Southern Bald Eagle Nest
- FWC Imperiled Species Richness
- FNAI Element Occurrences
- FNAI Suitable Habitat that Supports Species Known to Occur in the Vicinity
- Florida Department of Environmental Protection Surface Water Classification
- U.S. Fish and Wildlife Service (USFWS) - National Wetlands Inventory
- USFWS Critical Habitat
- Florida Geological Survey Springs
- Outstanding Florida Waters
- Areas of Critical State Concern





**Camp Hammock
Florida Forever Project**
Osceola County
8,982 Acres

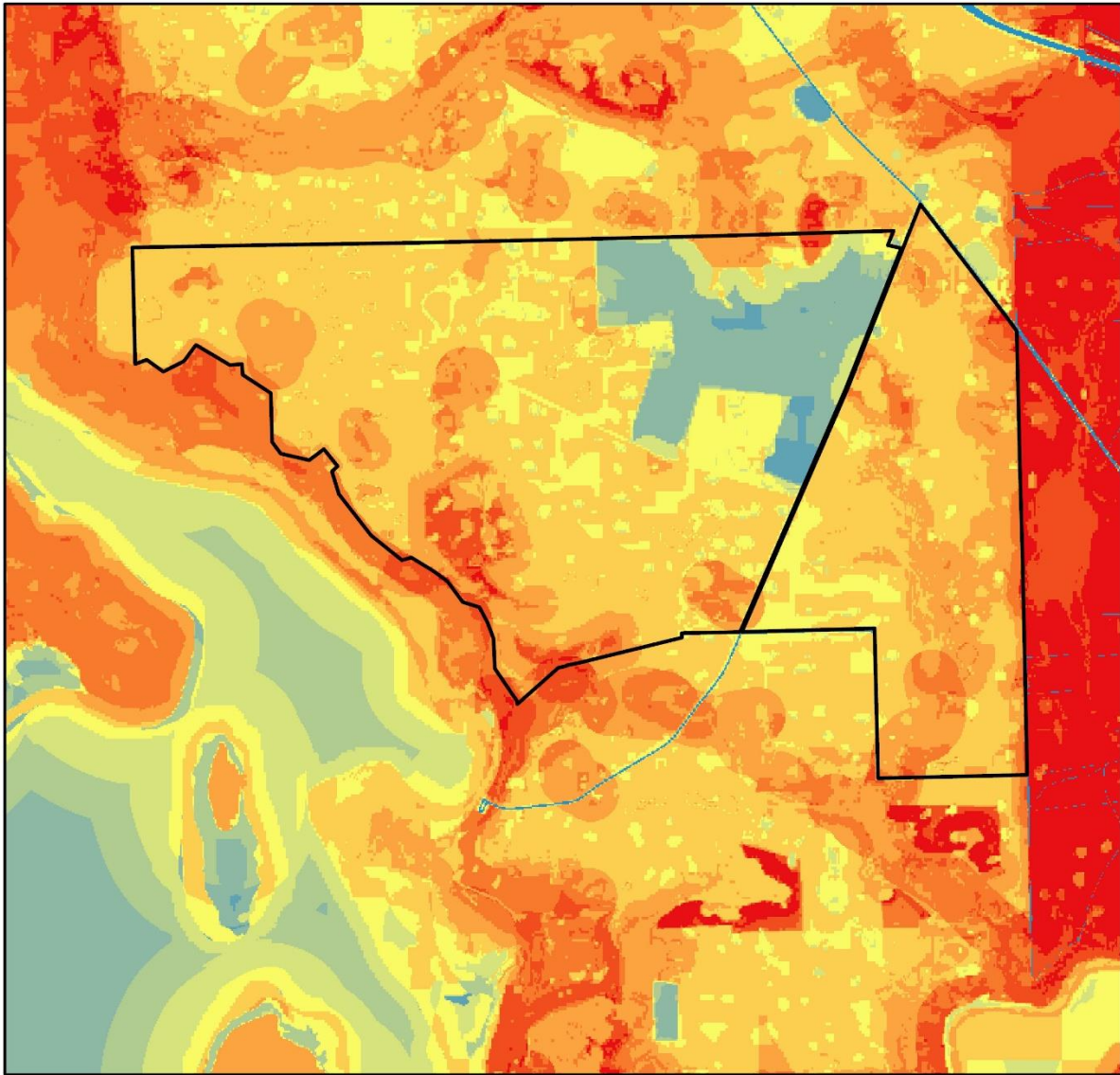


0 1 2 3 4 Miles

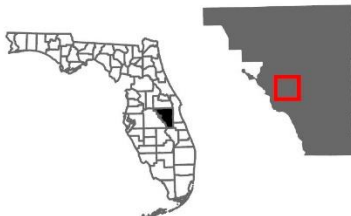
Created in ArcGIS 10.8 by the Florida Fish and Wildlife Conservation Commission December 2025

Aerial Imagery

 Camp Hammock Boundary



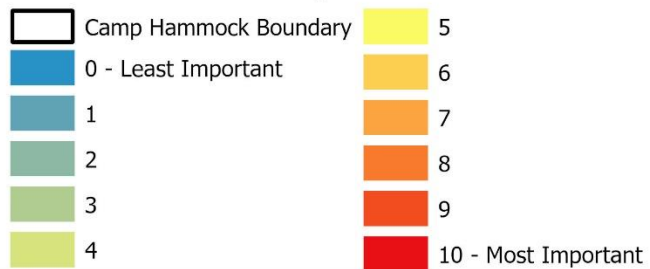
**Camp Hammock
Florida Forever Project**
Osceola County
8,982 Acres



0 1 2 3 4 Miles

Created in ArcGIS 10.8 by the Florida Fish and Wildlife Conservation Commission December 2025

Florida Landscape Assessment Model



Environmental Resource Analysis

FWC Land Conservation and Planning

Analysis Shape Type: Polygon

Analysis Timestamp: 11042025 09:02:39

Shape Name: Camp Hammock

Boundary Area: 8973.99 acres

Buffer Area: 0 acres

Total Area: 8973.99 acres

FWC Wildlife Data and Models

Cooperative Land Cover v3.8

Name - State	Code - State	Name - Site	Code - Site	Total Area (acres)	Percent of Area
Rural	1830	Rural Open Forested	18311	1.08	0.01 %
Cultural-Riverine	4200	Canal	4210	0.64	0.01 %
Dome Swamp	22131	Dome Swamp	22131	197.01	2.2 %
Isolated Freshwater Marsh	2121	Depression Marsh	21211	3.00	0.03 %
Cultural-Lacustrine	3200	Artificial/Farm Pond	3210	6.41	0.07 %
Cultural-Palustrine	2400	Grazed Wetlands	2430	17.68	0.2 %
Cultural-Lacustrine	3200	Quarry Pond	3230	1.27	0.01 %
Cultural-Lacustrine	3200	Artificial Impoundment/Reservoir	3220	1.53	0.02 %
Vineyard and Nurseries	18334	Sod Farms	183342	39.79	0.44 %
Rural	1830	Unimproved/Woodland Pasture	183314	397.01	4.42 %
Transportation	1840	Transportation	1840	5.10	0.06 %
Cropland/Pasture	18331	Irrigated Row Crops	1833111	1,143.53	12.74 %
Cropland/Pasture	18331	Row Crops	183311	24.86	0.28 %
Hydric Hammock	2232	Cabbage Palm Hammock	22323	1.77	0.02 %
Improved Pasture	183313	Improved Pasture	183313	5,957.95	66.39 %
Cropland/Pasture	18331	Field Crops	183312	0.26	0 %
Rural	1830	Rural Structures	1832	2.94	0.03 %
Shrub and Brushland	1500	Shrub and Brushland	1500	1.33	0.01 %
Prairies and Bogs	2110	Mixed Scrub-Shrub Wetland	2112	80.71	0.9 %
Prairies and Bogs	2110	Wet Prairie	2111	26.62	0.3 %
Mesic Flatwoods	1310	Mesic Flatwoods	1311	251.25	2.8 %
Mesic Hammock	1120	Mesic Hammock	1120	11.47	0.13 %
Palmetto Prairie	1340	Palmetto Prairie	1340	0.13	0 %
Scrubby Flatwoods	1310	Scrubby Flatwoods	1312	20.92	0.23 %
Freshwater Forested Wetlands	2200	Mixed Wetland Hardwoods	2233	39.77	0.44 %
Isolated Freshwater Swamp	2213	Isolated Freshwater Swamp	2213	17.81	0.2 %
Freshwater Forested Wetlands	2200	Cypress/Hardwood Swamps	2241	2.27	0.03 %
Freshwater Forested Wetlands	2200	Mixed Hardwood-Coniferous Swamps	2240	8.68	0.1 %
Marshes	2120	Sawgrass	2131	3.43	0.04 %
Marshes	2120	Marshes	2120	610.51	6.8 %
Cypress	2211	Cypress	2211	43.23	0.48 %
Cypress/Tupelo (including mixed Cypress/Tupelo)	2210	Cypress/Tupelo (including mixed Cypress/Tupelo)	2210	54.01	0.6 %
TOTAL:				8,973.99	100 %

Critical Lands and Waters Identification Project (CLIP) Priority 1 and 2 - Terrestrial and Waters

CLIP Priority	Total Area (acres)	Percent of Area
All other cells	519.67	5.79 %
CLIP P1 in submerged lands/state waters	2.91	0.03 %
CLIP P1 in terrestrial	8,228.65	91.69 %
CLIP P2 in submerged lands/state waters	1.05	0.01 %
CLIP P2 in terrestrial	221.70	2.47 %
TOTAL:	8,973.99	100 %

CLIP- Landscape Category

Priority	Total Area (acres)	Percent of Area
0	53.71	0.6 %
1	98.61	1.1 %
2	8,814.86	98.23 %
3	4.33	0.05 %
5	2.49	0.03 %
TOTAL:	8,973.99	100 %

CLIP- Biodiversity Category

Priority	Total Area (acres)	Percent of Area
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0	213.28	2.38 %								
1	13.62	0.15 %								
2	1,671.90	18.63 %								
3	5,074.55	56.55 %								
4	1,023.50	11.41 %								
5	977.14	10.89 %								
TOTAL:	8,973.99	100 %								
Priority FWC Strategic Habitat Conservation Areas 2020										
Priority	Total Area (acres)	Percent of Area								
0	1,149.69	12.81 %								
1	2,474.26	27.57 %								
2	0.85	0.01 %								
3	5,005.20	55.77 %								
4	0.03	0 %								
5	343.95	3.83 %								
TOTAL:	8,973.99	100 %								
FWC Strategic Habitat Conservation Areas 2024										
Species 1	Species 2	Species 3	Species 4	Species 5	Species 6	Species 7	Species 8	Species 9	Total Area (acres)	Percent of Area
Cooper's hawk									37.44	0.42 %
Cooper's hawk	Florida black bear								0.23	0 %
Cooper's hawk	Florida black bear	Florida panther							6.57	0.07 %
Cooper's hawk	Florida grasshopper sparrow								0.04	0 %
Cooper's hawk	Florida grasshopper sparrow	Florida panther							0.01	0 %
Cooper's hawk	Florida panther								48.50	0.54 %
Florida black bear									410.10	4.57 %
Florida black bear	Florida panther								280.95	3.13 %
Florida burrowing owl									2.02	0.02 %
Florida burrowing owl	Cooper's hawk	Florida black bear	Florida panther						0.16	0 %
Florida burrowing owl	Cooper's hawk	Florida grasshopper sparrow	Florida panther						0.03	0 %
Florida burrowing owl	Cooper's hawk	Florida panther							0.52	0.01 %
Florida burrowing owl	Florida black bear	Florida panther							0.08	0 %
Florida burrowing owl	Florida grasshopper sparrow								0.21	0 %
Florida burrowing owl	Florida grasshopper sparrow	Florida panther							0.02	0 %
Florida burrowing owl	Florida panther								0.39	0 %
Florida grasshopper sparrow									0.68	0.01 %
Florida grasshopper sparrow	Florida black bear								0.00	0 %
Florida grasshopper sparrow	Florida panther								0.48	0.01 %
Florida panther									1,592.80	17.75 %
Snail kite									4.88	0.05 %
Snail kite	Florida black bear								38.37	0.43 %
Snail kite	Florida black bear	Florida panther							47.90	0.53 %
Snail kite	Florida panther								3.89	0.04 %
Swallow-tailed kite									14.15	0.16 %
Swallow-tailed kite	Cooper's hawk	Florida black bear	Florida panther						0.67	0.01 %
Swallow-tailed kite	Cooper's hawk	Florida panther							0.67	0.01 %
Swallow-tailed kite	Florida black bear								7.19	0.08 %
Swallow-tailed kite	Florida black bear	Florida panther							207.52	2.31 %
Swallow-tailed kite	Florida panther								86.66	0.97 %
Swallow-tailed kite	Snail kite	Florida black bear	Florida panther						182.68	2.04 %
Swallow-tailed kite	Snail kite	Florida panther							13.90	0.15 %
TOTAL:									2,989.71	33.32 %
Panther Location										
No Records Found										
Panther Mortality										
No Records Found										
Panther Priority Habitat										
No Records Found										
Bear Range										

Bear Range		Total Area (acres)		Percent of Area	
Occasional		8,973.99		100 %	
TOTAL:		8,973.99		100 %	
Rare Fish					
No Records Found					
Rare Fish Imperiled Waters					
No Records Found					
Southern bald eagle nest					
Nest Count	Earliest Survey Year	Latest Survey Year	Total Area (acres)	Percent of Area	
1	2008	2008	20.09	0.22 %	
1	2009	2012	10.19	0.11 %	
1	2012	2012	20.09	0.22 %	
2	1998	2009	14.90	0.17 %	
3	1999	2012	3.86	0.04 %	
3	2000	2008	37.46	0.42 %	
TOTAL:			106.59	1.19 %	
Imperiled Species Richness					
Number of Species		Total Area (acres)		Percent of Area	
0		1,136.89		12.67 %	
1		37.57		0.42 %	
3		437.57		4.88 %	
5		4,992.32		55.63 %	
6		209.17		2.33 %	
7		416.16		4.64 %	
8		1,327.86		14.8 %	
9		215.74		2.4 %	
10		200.71		2.24 %	
TOTAL:		8,973.99		100 %	

Florida Natural Areas Inventory Data										
Element Occurrences										
COMMON NAME	SCIENTIFIC NAME	GLOBAL RANK	STATE RANK	FWC STATUS	FEDERAL STATUS	EO Rank	Last Observation	Total Area (acres)	Percent of Area	
Bald Eagle	Haliaeetus leucocephalus	G5	S3	N	N	E	2001	11.77	0.13 %	
Bald Eagle	Haliaeetus leucocephalus	G5	S3	N	N	E	2003	17.35	0.19 %	
Bald Eagle	Haliaeetus leucocephalus	G5	S3	N	N	X?	1991	17.35	0.19 %	
Crested Caracara	Caracara plancus	G5	S2	FT	T	E	1989	21.94	0.24 %	
Red-cockaded Woodpecker	Dryobates borealis	G3	S2	FT	T	BC	2021	71.70	0.8 %	
Southeastern Fox Squirrel	Sciurus niger niger	G5T5	S3	N	N	BC	2021-04-19	29.19	0.33 %	
TOTAL:								169.31	1.89 %	
Suitable Habitat that Supports Species Known to Occur in the Vicinity										
COMMON NAME		SCIENTIFIC NAME		Total Area (acres)		Percent of Area				
Crested Caracara		Caracara plancus		7,265.34		80.96 %				
Eastern Indigo Snake		Drymarchon couperi		16.38		0.18 %				
Florida Long-tailed Weasel		Neogale frenata peninsulae		2,654.64		29.58 %				
Florida Sandhill Crane		Antigone canadensis pratensis		7,251.25		80.8 %				
Red-cockaded Woodpecker		Dryobates borealis		65.28		0.73 %				
Snail Kite		Rostrhamus sociabilis		7,231.59		80.58 %				
Wood Stork		Mycteria americana		1,061.03		11.82 %				
TOTAL:				25,545.50		284.66 %				

USFWS										
Critical Habitat										
No Records Found										

Area of Critical State Concern										
Apalachicola										
No Records Found										
Big Cypress										
No Records Found										
Green Swamp										
No Records Found										
Key West										

No Records Found

Lower Keys

No Records Found

Upper Keys

No Records Found

Florida Ecological Greenways Network

Wildlife Corridor Classification

Priority Level	Total Area (acres)	Percent of Area
2	7,669.07	85.46 %
TOTAL:	7,669.07	85.46 %

Water Resources

FDEP Surface Water Classification

Waterbody Name	Water Type	Water Basin	Classification	Total Area (acres)	Percent of Area
LAKE KISSIMMEE (NORTH DRAIN)	STREAM	3183A2	3F	43.28	0.48 %
LAKE KISSIMMEE (MID DRAIN)	STREAM	3183B1	3F	8,930.71	99.52 %
			TOTAL:	8,973.99	100 %

Outstanding Florida Waters

No Records Found

Florida Geological Survey Springs

No Records Found

National Wetlands Inventory

Wetland Type	Wetland Code	Total Area (acres)	Percent of Area
Freshwater Emergent Wetland	PEM1A	53.96	0.6 %
Freshwater Emergent Wetland	PEM1C	421.95	4.7 %
Freshwater Emergent Wetland	PEM1F	104.11	1.16 %
Freshwater Forested/Shrub Wetland	PFO2C	12.29	0.14 %
Freshwater Forested/Shrub Wetland	PFO2Cd	9.84	0.11 %
Freshwater Forested/Shrub Wetland	PFO2F	101.33	1.13 %
Freshwater Forested/Shrub Wetland	PFO6B	147.10	1.64 %
Freshwater Forested/Shrub Wetland	PFO6C	23.65	0.26 %
Freshwater Forested/Shrub Wetland	PFO6F	3.29	0.04 %
Freshwater Forested/Shrub Wetland	PSS1/3C	29.15	0.32 %
Freshwater Pond	PUBHx	2.00	0.02 %
Riverine	R4SBC	5.21	0.06 %
Riverine	R5UBFx	48.95	0.55 %
Riverine	R5UBH	13.02	0.15 %
Freshwater Emergent Wetland	PEM1Ad	74.88	0.83 %
Freshwater Emergent Wetland	PEM1Cd	91.63	1.02 %
Freshwater Emergent Wetland	PEM1Fx	2.51	0.03 %
Freshwater Forested/Shrub Wetland	PFO1A	15.11	0.17 %
Freshwater Forested/Shrub Wetland	PFO1C	8.49	0.09 %
Freshwater Forested/Shrub Wetland	PSS1Cd	2.57	0.03 %
Riverine	R2UBHx	2.58	0.03 %
TOTAL:		1,173.62	13.08 %

Priority Floodplain Resources

Priority	Total Area (acres)	Percent of Area
4	969.49	10.8 %
5	984.25	10.97 %
6	145.13	1.62 %
0	6,864.06	76.49 %
3	11.06	0.12 %
TOTAL:	8,973.99	100 %