



Florida Forever Project Evaluation Comparative Analysis

November 2016

This report is produced annually by the Florida Natural Areas Inventory to provide scientific support to the Acquisition and Restoration Council (ARC) in advance of their vote on Florida Forever land acquisition projects. The Comparative Analysis provides a concise overview of the natural resource values of each existing and proposed Florida Forever project. A Single Resource Evaluation is provided for each of eleven resource types outlined in the Florida Forever Act. The F-TRAC 2020 Scenarios show which projects offer the greatest return in resource protection given the estimated acreage likely to be acquired by Florida Forever. As resources are acquired statewide, the protection needs of remaining resources change. The F-TRAC analysis is dynamic in that it identifies the places that best meet those changing protection needs in each evaluation cycle.

Data Updates

This evaluation is based on Version 4.2 of the Florida Forever Conservation Needs Assessment (FFCNA) data layers. FFCNA resource data are continually updated as new information becomes available. Version 4.2 includes updates for Species, Natural Communities, Ecological Greenways, and Recreational Trails. Details are described in the Florida Forever Conservation Needs Assessment Technical Report, v4.2 and the Ranking Support Analyses Documentation for November 2016.

Acreage Threshold

The F-TRAC scenarios evaluate conservation value based on a set amount of acreage to be acquired. The closer this acreage threshold is set to the amount of land likely to be acquired by the Florida Forever program, the more relevant F-TRAC scores will be for project comparison. Early in the program, DEP staff estimated that approximately 824,600 acres could be acquired on FFBOT projects through 2020, assuming full Florida Forever funding throughout that time. Of that total, about 379,800 acres have been acquired (July 2001 – Sep 2016), leaving an estimated acreage of 444, 800 acres that could potentially be acquired during the remaining legislative authorization of the program (through FY 2020-21). Due to the uncertainties of this estimate, a threshold of 500,000 acres was used as the amount of land to be identified by the current F-TRAC 2020 Scenarios.

F-TRAC 2020 Statewide Scenario

This F-TRAC scenario is a statewide analysis to identify the best opportunities to acquire multiple resources in the same location. Of the 500,000 acres allocated, 27% occur on projects; the remaining 73% occur elsewhere in the state on other unprotected lands. This score is useful for viewing projects in a statewide context and might best be used to help determine if new proposals should be added to the list or existing projects should be removed.

F-TRAC 2020 on Florida Forever Projects

This scenario evaluates only within existing and proposed Florida Forever-BOT projects for the best opportunities to acquire multiple resources in the same location. That is, the 500,000 acres likely to be acquired by Florida Forever-BOT is allocated completely within the remaining acres of projects. This score compares projects relative to each other, essentially grading projects on a curve, rather than providing information about the larger statewide context. Each project's score may change based on number, size, or resource value of other projects on the list. This score might best be used to help inform project ranking.

Complete documentation for Ranking Support Analyses (Single Resource Evaluation, F-TRAC analysis and Ranking Support Data Layers), as well as other formats of the *Comparative Analysis* may be downloaded from the FNAI website (www.fnai.org/FlForever.cfm).

The information contained in this report is in no way intended to substitute for the informed judgment of expert decision makers. This report is a tool to guide decision-making, not a final conservation plan that must be followed. Nevertheless, this report provides sound direction for the program, and decisions made to the contrary should be justifiable.

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NOTE: This table evaluates ONLY the remaining acres of projects according to the numerical performance measures listed. Other considerations such as willing sellers, active negotiations, completing projects, development threat, etc., are always part of any decision regarding project status. Please note that all values are assigned based on F-TRAC and single resource analyses without regard to Acquisition Categories.

Category*	Remaining Project Acres	Percent Complete	Project Name	Resources included in F-TRAC 2020 Scenarios										Resources and other Measures not included in F-TRAC 2020 Scenarios				
				F-TRAC 2020 Statewide	F-TRAC 2020 on FL Forever Projects	Species	Communities	Surface Waters	Wetlands & Floodplain	Forestry	Aquifer Recharge	Landscapes	Archaeological	Historic	Trails Network	FL Natl. Scenic Trail corridor	Population w/in 100 mi	Climate Change Sea Level Rise
CNL	10,986	42%	Apalachicola River	4	2	5	2	5	3	2	2	3	4	2	2	1	1	
CNL	100,425	0%	Bear Creek Forest	2	2	3	2	4	1	5	2	5	2	1	2	2	1	
CNL	4,680	0%	Bear Hammock	1	3	3	2	2	2	4	5	3	3	2	4	4	1	
CNL	7,148	74%	Belle Meade	3	2	5	2	4	3	2	2	3	2	1	1	3	2	
CNL	43,051	0%	Blue Head Ranch	5	4	3	3	3	2	2	3	5	3	2	2	5	1	
CNL	31,863	31%	Bombing Range Ridge	5	4	3	4	3	2	3	3	5	2	2	2	x	5	1
CNL	10,704	42%	Caloosahatchee Ecoscape	1	2	4	2	3	2	2	2	4	2	1	3	4	1	
CNL	32,440	5%	Camp Blanding to Raiford Greenway	1	2	2	2	2	2	4	1	5	2	1	2	2	1	
CNL	71,339	14%	Devil's Garden	2	3	3	1	2	2	1	1	4	2	1	3	x	4	1
CNL	59,274	35%	Etoniah/Cross Florida Greenway	2	3	3	2	3	2	3	3	5	3	2	4	x	4	1
CNL	11,182	0%	Half Circle L Ranch	4	5	4	2	3	3	2	2	4	3	1	1	4	1	
CNL	22,399	8%	Hixtown Swamp	1	1	2	2	2	3	2	3	3	3	3	3	2	1	
CNL	1,886	32%	Ichetucknee Trace	2	3	2	1	1	1	1	4	2	2	2	1	2	1	
CNL	5,413	1%	Lake Hatchineha Watershed	1	1	3	3	3	2	2	2	3	2	2	1	4	1	
CNL	22,518	62%	Lake Wales Ridge Ecosystem	4	4	4	4	2	2	2	3	4	2	1	2	5	1	
CNL	9,610	57%	Longleaf Pine Ecosystem	3	4	2	5	2	1	3	5	4	2	2	1	4	1	
CNL	1,797	0%	Natural Bridge Creek	1	1	1	1	2	2	4	2	1	3	1	1	2	1	
CNL	27,501	41%	Osceola Pine Savannas	2	4	2	2	4	2	2	3	5	2	2	4	x	4	1
CNL	39,384	39%	Panther Glades	3	3	5	2	3	3	2	2	5	3	2	3	4	1	
CNL	2,378	65%	Perdido Pitcher Plant Prairie	1	1	1	4	3	3	3	2	2	2	1	4	1	2	
CNL	48,973	0%	Pine Island Slough Ecosystem	4	3	3	3	3	2	2	3	4	3	2	1	4	1	
CNL	53,806	71%	Pinhook Swamp	2	4	3	2	2	2	4	3	5	3	2	1	x	2	1
CNL	44,999	0%	San Pedro Bay	1	2	3	1	2	3	3	3	4	2	1	1	x	2	1
CNL	2,180	0%	Shoal River Buffer	1	1	4	4	2	3	1	1	2	2	2	1	1	1	
CNL	11,652	0%	South Goethe	4	4	2	3	2	2	4	4	4	3	1	4	4	1	
CNL	589	0%	Southeastern Bat Maternity Caves	1	2	4	2	1	3	1	3	1	3	1	2	5	1	
CNL	7,998	0%	Triple Diamond	5	5	4	4	4	3	1	2	2	2	1	1	4	1	
CNL	8,128	49%	Twelvemile Slough	3	3	4	1	3	3	2	1	4	3	1	3	4	1	
CNL	12,027	0%	Upper Shoal River	1	3	2	2	3	1	4	1	2	3	1	1	2	1	
CNL	11,022	24%	Upper St. Marks River Corridor	1	3	3	1	3	3	3	4	3	4	2	3	1	1	
CNL	17,292	47%	Wacissa/Aucilla River Sinks	2	3	3	1	4	3	3	2	4	5	2	4	x	2	3
CNL	23,427	71%	Wekiva-Ocala Greenway	4	3	3	3	4	3	2	3	3	3	3	4	x	4	3
CNL	10,069	0%	Wolfe Creek Forest	1	1	2	2	3	1	4	1	3	2	1	1	1	1	1
CHR	853	0%	Battle of Wahoo Swamp	1	1	3	1	1	4	1	3	2	5	1	1	4	1	
CHR	89	62%	Okeechobee Battlefield	1	1	2	1	1	1	1	1	1	5	1	2	x	4	1
CHR	558	2%	Pierce Mound Complex	2	1	4	1	1	3	1	1	2	5	2	1	1	2	
CHR	145	30%	Pineland Site Complex	1	1	1	1	1	1	1	1	1	5	3	1	2	1	
CHR	56	12%	Three Chimneys	1	1	2	1	1	1	1	2	1	5	1	1	3	1	
LTF	9,506	14%	Adams Ranch	5	5	3	3	3	2	1	3	4	3	2	2	x	4	1
LTF	11,981	0%	Arbuckle Creek Watershed	1	1	3	2	3	1	2	3	2	5	1	1	4	1	
LTF	5,903	0%	Ayavalla Plantation	1	2	3	1	3	2	2	2	2	4	3	3	1	1	
LTF	47,741	16%	Big Bend Swamp/Holopaw Ranch	2	2	3	2	3	3	2	2	5	2	1	3	4	1	
LTF	2,460	0%	Clay Ranch	1	2	3	2	1	1	1	3	2	4	2	2	x	3	1
LTF	99,501	0%	Coastal Headwaters Longleaf Forest	2	2	2	2	3	1	4	1	5	3	0	1	1	1	
LTF	9,041	0%	Conlin Lake X	1	1	3	2	3	4	2	3	4	3	3	4	4	1	
LTF	2,214	0%	Eastern Scarp Ranchlands	4	3	3	2	3	1	1	3	2	2	1	1	4	1	
LTF	115,647	37%	Fisheating Creek Ecosystem	3	3	3	2	3	2	3	3	5	3	2	2	5	1	
LTF	25,611	0%	Gulf Hammock	1	2	3	1	3	3	3	1	4	3	2	1	4	5	
LTF	16,316	0%	Horse Creek Ranch	1	1	2	2	2	2	2	3	3	3	1	1	4	1	
LTF	6,923	0%	Hosford Chapman's Rhododendron Protection Zone	1	1	5	1	3	2	3	4	2	2	1	1	1	1	
LTF	34,288	8%	Kissimmee-St. Johns River Connector	3	3	3	2	3	2	2	3	5	3	2	1	4	1	
LTF	6,382	0%	Limestone Ranch	1	1	2	2	2	2	2	3	3	4	2	2	4	1	
LTF	2,057	0%	Little River Conservation Area	1	1	3	1	2	2	3	2	2	3	1	2	1	1	
LTF	2,326	70%	Lower Perdido River Buffer	1	1	1	3	3	1	3	1	2	3	1	2	1	1	
LTF	50,384	14%	Lower Suwannee River and Gulf Watershed	2	3	2	1	2	3	4	3	4	3	1	2	2	5	
LTF	108,118	2%	Matanzas to Ocala Conservation Corridor	1	2	3	2	2	2	3	2	5	2	2	3	3	5	
LTF	4,944	31%	Maytown Flatwoods	2	5	3	3	2	4	4	2	5	2	2	2	3	1	
LTF	12,293	0%	Mill Creek	1	1	2	1	2	3	3	3	3	2	1	1	3	1	
LTF	56	58%	Millstone Plantation	1	1	2	1	1	1	1	3	1	3	3	1	1	1	
LTF	32,407	21%	Myakka Ranchlands	3	2	2	2	3	2	2	3	3	3	2	3	3	1	
LTF	3,269	25%	Ochlockonee River Conservation Area	1	1	5	2	3	3	2	2	3	3	2	3	1	1	
LTF	7,303	0%	Old Town Creek Watershed	1	1	3	2	2	2	2	3	4	2	2	1	4	1	
LTF	3,850	0%	Peace River Refuge	1	1	2	1	3	4	1	2	3	4	2	3	3	1	
LTF	67,702	0%	Raiford to Osceola Greenway	2	2	2	1	2	2	5	3	5	3	1	3	x	2	1
LTF	12,515	66%	Ranch Reserve	2	4	2	2	3	1	2	3	5	2	1	1	4	1	
LTF	376	0%	San Felasco Conservation Corridor	1	1	2	1	1	1	1	3	1	3	1	2	2	1	
LTF	1,254	0%	Suwannee County Preservation	1	1	2	1	1	1	1	3	1	4	1	1	2	1	
LTF	710	0%	West Aucilla River Buffer	1	1	2	1	1	1	1	3	2	4	1	1	1	1	

*CNL - Critical Natural Lands; CHR = Critical Historical Resources; LTF = Less-Than-Fee; PRI = Partnerships & Regional Incentives; CCL = Climate Change Lands
 SC = Substantially Complete

There are more resources in Florida worthy of acquisition than can be acquired by the Florida Forever program.
 • F-TRAC scores projects relative to the 446,300 remaining acres that are expected to be acquired on FFBOT projects.

The **F-TRAC 2020 Statewide** scenario looks statewide for the best 500,000 acres of unprotected resources – not necessarily on current projects.
 • Projects are scored relative to the entire state. A project's score is not influenced by the number, size, or resource value of other projects on the FFBOT list.
 • This scenario is useful for viewing projects in a statewide context, and can help inform decisions on adding or removing projects from the FFBOT list.

The **F-TRAC 2020 on FFBOT Projects** scenario looks only at the list of existing and proposed projects for the best 500,000 acres of resources.
 • Projects are scored relative to one another – they are "graded on a curve". Each project's score may change based on the number, size, or resource value of other projects on the FFBOT list.
 • This scenario is useful for comparing projects to each other, and can help inform decisions on project ranking.

Key	
5	Very High
4	High
3	Medium
2	Medium-Low
1	Low



Archaeological and Historic resource values were provided by the Florida Dept. of State, Division of Historical Resources.

Remaining acres and Percent Complete based on FF_acquired database as of 31 October 2016 and FNAI managed areas database as of Sep 30 2016.

Florida Forever Project Evaluation Comparative Analysis, November 2016 (Continued)

Category*	Remaining Project Acres	Percent Complete	Project Name	Resources included in F-TRAC 2020 Scenarios											Resources and other Measures not included in F-TRAC 2020 Scenarios			
				F-TRAC 2020 Statewide	F-TRAC 2020 on FL Forever Projects	Species	Communities	Surface Waters	Wetlands & Floodplain	Forestry	Aquifer Recharge	Landscapes	Archaeological	Historic	Trails Network	FL Natl Scenic Trail corridor	Population w/in 100 mi	Climate Change Sea Level Rise
PRI	8,395	57%	Annutteliga Hammock	4	3	2	3	2	1	3	5	5	3	3	3	4	1	
PRI	8,192	43%	Atlantic Ridge Ecosystem	2	2	2	3	3	2	2	2	3	2	1	3	3	1	
PRI	8,395	8%	Baldwin Bay/St. Marys River	1	1	2	2	2	3	3	1	4	2	2	3	2	1	
PRI	21,052	49%	Brevard Coastal Scrub Ecosystem	3	3	2	3	3	2	2	3	2	2	1	5	3	2	
PRI	305	76%	Carr Farm/Price's Scrub	1	1	2	1	1	1	1	3	1	3	4	1	3	1	
PRI	7,769	60%	Catfish Creek	2	2	3	3	4	3	2	3	3	2	1	1	4	1	
PRI	4,429	79%	Charlotte Harbor Flatwoods	2	2	3	4	4	2	4	3	3	2	1	3	3	1	
PRI	2,872	43%	Clear Creek/Whiting Field	4	2	2	3	3	1	3	1	4	3	2	3	1	1	
PRI	37,221	47%	Corkscrew Regional Ecosystem Watershed	4	3	5	2	4	4	2	2	5	2	2	2	4	1	
PRI	12,371	1%	Crossbar/Al Bar Ranch	1	2	3	2	3	1	3	5	3	2	1	1	4	1	
PRI	307	65%	Dade County Archipelago	5	4	3	4	1	1	1	3	1	3	1	2	3	1	
PRI	3,915	5%	Flagler County Blueway	3	3	2	3	4	3	1	3	2	4	2	3	3	3	
PRI	6,564	59%	Florida's First Magnitude Springs	1	2	5	1	4	1	2	2	2	4	2	3	x	1	1
PRI	161,788	39%	Green Swamp	2	2	2	2	3	2	3	1	5	2	2	3	2	4	
PRI	7,517	12%	Hall Ranch	1	1	2	2	4	4	2	3	3	2	2	3	4	1	
PRI	13,690	31%	Heather Island/Ocklawaha River	1	1	2	2	3	2	3	2	4	2	1	2	3	1	
PRI	19,459	29%	Indian River Lagoon Blueway	2	2	2	2	4	3	2	1	4	3	1	2	2	4	
PRI	10,259	22%	Lafayette Forest	2	3	2	2	1	1	1	4	2	4	2	3	x	4	1
PRI	9,508	8%	Lake Santa Fe	5	4	2	4	3	2	4	3	4	3	2	3	x	2	1
PRI	4,693	0%	Lochloosa Forest	2	3	2	2	2	3	3	3	4	2	2	3	4	3	
PRI	11,955	15%	Middle Chipola River	1	2	5	1	4	1	2	2	2	4	2	3	x	1	1
PRI	83,598	43%	Northeast Florida Timberlands and Watershed Reserve	2	2	2	2	3	2	3	1	5	2	2	3	2	4	
PRI	9,558	74%	Pal-Mar	1	1	2	2	4	4	2	3	3	2	2	3	4	1	
PRI	8,446	0%	Pringle Creek Forest	1	1	2	2	3	2	3	2	4	2	1	2	3	1	
PRI	9,697	59%	Pumpkin Hill Creek	2	2	2	2	4	3	2	1	4	3	1	2	2	4	
PRI	1,138	3%	Rainbow River Corridor	2	3	2	2	1	1	1	4	2	4	2	3	x	4	1
PRI	14,444	57%	Sand Mountain	5	4	2	4	3	2	4	3	4	3	2	3	x	2	1
PRI	18,310	77%	Volusia Conservation Corridor	2	3	2	2	2	3	3	3	4	2	2	3	4	3	
PRI	3,647	53%	Wakulla Springs Protection Zone	5	5	3	3	3	1	3	5	4	3	1	3	1	1	
PRI	5,707	52%	Watermelon Pond	1	3	2	3	2	1	3	5	2	2	1	2	3	1	
CCL	221	76%	Archie Carr Sea Turtle Refuge	5	5	4	3	4	3	1	1	1	3	1	5	3	2	
CCL	1,761	52%	Caber Coastal Connector	2	5	5	2	4	5	1	1	2	4	1	3	2	2	
CCL	1,186	61%	Coupon Bight/Key Deer	5	4	5	3	3	3	1	1	1	2	2	3	2	1	
CCL	19,641	23%	Dickerson Bay/Bald Point	2	3	3	2	4	2	4	4	3	4	1	5	1	5	
CCL	6,188	51%	Florida Keys Ecosystem	5	4	5	3	5	4	1	1	2	4	2	5	3	2	
CCL	6,735	84%	Florida Springs Coastal Greenway	2	2	3	2	4	5	2	1	4	4	2	3	4	2	
CCL	3,403	54%	Garcon Ecosystem	1	2	3	2	4	4	2	1	1	4	1	4	1	4	
CCL	12,113	57%	Northeast Florida Blueway	2	2	2	2	5	3	2	1	3	4	2	4	3	2	
CCL	79,722	49%	St. Joe Timberland	2	2	3	2	4	4	3	2	4	3	2	3	x	2	5
CCL	19,352	26%	St. Johns River Blueway	1	2	2	2	3	2	3	2	2	3	2	3	3	4	
CCL	2,266	46%	Terra Ceia	2	3	2	2	4	4	1	1	1	4	1	1	3	2	
CCL	1,137	12%	Tiger/Little Tiger Island	1	1	4	1	4	5	1	1	2	4	1	1	2	1	
CCL	4,347	0%	West Bay Preservation Area	1	2	2	2	4	3	3	2	2	3	1	3	2	3	
SC	6,274	86%	Charlotte Harbor Estuary	2	2	2	2	4	4	2	1	3	4	2	4	3	3	
SC	296	90%	Escribano Point	2	1	5	2	4	5	1	1	1	5	2	1	1	2	
SC	1,886	87%	Estero Bay	2	2	3	2	4	4	1	1	2	4	2	3	2	2	
SC	4,569	86%	Lochloosa Wildlife	1	1	2	1	4	3	2	3	3	3	3	3	3	1	
SC	73	100%	Save Our Everglades	1	5	5	2	3	3	2	3	1	3	2	1	4	1	
SC	2,697	88%	South Walton County Ecosystem	3	3	2	3	3	2	3	3	3	3	1	4	2	2	
SC	365	87%	Spruce Creek	4	5	3	5	3	2	1	3	1	4	4	3	3	2	

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 SC = Substantially Complete

Acreage Summary	
Category	Remaining Acres
Critical Natural Lands	768,141
Critical Historical Resources	1,702
Less-Than-Fee	703,079
Partnerships & Reg. Incentives	515,203
Climate Change Lands	158,072
Substantially Complete	16,162
Total	2,162,360

Key	
5	Very High
4	High
3	Medium
2	Medium-Low
1	Low

Archaeological and Historic resource values were provided by the Florida Dept. of State, Division of Historical Resources.
 Remaining acres and Percent Complete based on FF_acquired database as of 31 Oct 2016 and FNAI managed areas database as of Sep 30 2016.

