



Florida Forever Project Evaluation Comparative Analysis

November 2019

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 4.41 of the Florida Forever Conservation Needs Assessment (FFCNA) data layers. FFCNA resource data are continually updated as new information becomes available. Version 4.41 includes updates for Natural Communities. Details are described in the Florida Forever Conservation Needs Assessment Technical Report, v4.4 and the Ranking Support Analyses Documentation for November 2019.

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 through the FFBOT program through 2020, assuming full Florida Forever funding throughout that time. Of that total, about 441,300 acres have been acquired (July 2001 – Aug 2019), leaving an estimated acreage of 383,300 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, 20% occur on projects; the remaining 80% 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.

Florida Forever Project Evaluation Comparative Analysis, November 2019 (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 Nat'l Scenic Trail corridor	Population w/in 100 mi	Climate Change Sea Level Rise
LTF	5,598	21%	Adams Ranch	4	5	3	3	3	2	1	3	4	3	2	1	4	1	
LTF	5,833	51%	Arbuckle Creek Watershed	1	1	3	2	3	2	2	3	2	5	1	1	4	1	
LTF	5,903	0%	Ayavalla Plantation	2	1	3	1	3	2	2	2	2	4	3	3	1	1	
LTF	41,872	20%	Big Bend Swamp/Holopaw Ranch	1	2	3	3	3	3	2	2	5	2	1	2	X	4	1
LTF	99,501	0%	Coastal Headwaters Longleaf Forest	2	2	2	2	3	2	4	1	5	3	1	1	1	1	1
LTF	9,041	0%	Conlin Lake X	1	1	3	2	3	4	2	3	4	3	3	4	4	1	1
LTF	2,214	0%	Eastern Scarp Ranchlands	4	3	3	2	3	1	1	3	3	2	1	1	4	1	1
LTF	112,638	39%	Fisheating Creek Ecosystem	3	4	3	2	3	2	3	3	5	3	2	2	5	1	1
LTF	25,611	0%	Gulf Hammock	2	2	3	1	3	3	3	1	4	3	2	1	4	5	1
LTF	1,676	0%	Hardee Flatwoods	1	2	3	3	3	3	3	3	3	2	3	1	4	1	1
LTF	16,316	0%	Horse Creek Ranch	1	1	2	2	2	2	2	3	3	3	1	1	4	1	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	1
LTF	34,290	8%	Kissimmee-St. Johns River Connector	3	3	3	2	3	2	2	3	5	3	2	1	4	1	1
LTF	6,382	0%	Limestone Ranch	2	2	2	2	2	2	2	3	3	4	2	2	4	1	1
LTF	2,057	0%	Little River Conservation Area	1	1	3	1	2	3	3	2	2	3	1	2	1	1	1
LTF	2,326	70%	Lower Perdido River Buffer	1	1	1	3	3	2	3	1	2	3	1	1	1	1	1
LTF	36,564	38%	Lower Suwannee River and Gulf Watershed	2	3	2	1	2	3	3	3	4	3	1	3	2	4	1
LTF	98,936	4%	Matanzas to Ocala Conservation Corridor	1	2	3	2	2	2	3	2	5	2	2	3	3	5	1
LTF	4,925	31%	Maytown Flatwoods	2	5	3	3	2	4	4	2	5	2	2	1	3	1	1
LTF	12,293	0%	Mill Creek	1	1	2	1	2	2	3	3	3	2	1	1	3	1	1
LTF	56	58%	Millstone Plantation	1	1	2	1	1	1	1	3	1	3	3	1	1	1	1
LTF	36,848	22%	Myakka Ranchlands	3	2	2	2	3	2	2	3	3	3	2	3	3	1	1
LTF	14,153	0%	North Waccasassa Flats	1	1	2	1	2	3	3	4	2	5	1	1	2	1	1
LTF	3,869	22%	Ochlockonee River Conservation Area	2	1	5	2	3	3	2	2	3	3	2	3	1	1	1
LTF	1,264	83%	Old Town Creek Watershed	2	3	3	3	2	2	3	3	2	2	2	1	4	1	1
LTF	3,777	2%	Peace River Refuge	1	1	2	1	3	4	1	2	3	4	2	3	3	1	1
LTF	67,702	0%	Raiford to Osceola Greenway	2	2	2	1	2	2	5	3	5	3	1	4	X	2	1
LTF	12,515	66%	Ranch Reserve	2	4	2	2	3	2	2	3	5	2	1	1	4	1	1
LTF	16,909	0%	Red Hills Conservation	4	5	2	5	2	2	3	3	3	5	5	1	1	1	1
LTF	376	0%	San Felasco Conservation Corridor	1	1	2	1	1	2	1	3	1	3	1	2	2	1	1
LTF	6,540	3%	Seven Runs Creek Final Phase	4	5	2	2	4	2	4	3	4	2	2	3	X	2	2
LTF	1,254	0%	Suwannee County Preservation	1	1	2	1	1	2	1	3	1	4	1	1	2	1	1
LTF	2,862	0%	Tippen Bay Ranch	5	5	3	4	4	2	1	3	4	3	1	1	4	1	1
LTF	710	0%	West Aucilla River Buffer	1	1	2	1	1	2	1	3	1	4	1	1	1	1	1
CCL	218	76%	Archie Carr Sea Turtle Refuge	5	5	4	3	4	3	1	1	1	3	1	5	3	2	2
CCL	1,723	53%	Caber Coastal Connector	3	5	5	2	4	5	1	1	3	4	1	3	2	1	1
CCL	1,145	63%	Coupon Bight/Key Deer	5	4	5	3	3	3	1	1	1	2	2	3	2	1	1
CCL	19,620	23%	Dickerson Bay/Bald Point	2	3	3	2	4	2	4	4	3	4	1	5	1	5	1
CCL	5,624	56%	Florida Keys Ecosystem	5	5	5	3	4	4	1	1	2	4	2	5	3	2	2
CCL	6,880	84%	Florida Springs Coastal Greenway	3	3	3	2	5	5	2	1	4	4	2	3	4	1	1
CCL	3,404	54%	Garcon Ecosystem	2	2	3	2	4	4	2	1	1	4	1	4	1	4	1
CCL	11,537	59%	Northeast Florida Blueway	2	2	2	2	5	3	2	1	3	4	2	4	3	2	2
CCL	77,050	52%	St. Joe Timberland	2	2	3	2	4	3	3	2	4	3	2	3	X	2	5
CCL	17,667	33%	St. Johns River Blueway	2	2	2	2	3	2	3	2	2	3	2	3	3	4	1
CCL	3,702	0%	Taylor Sweetwater Creek	2	2	2	3	3	4	1	3	4	4	2	3	2	4	1
CCL	2,203	46%	Terra Ceia	2	3	2	2	4	4	1	1	1	4	1	1	3	2	2
CCL	1,137	12%	Tiger/Little Tiger Island	2	1	4	1	4	5	1	1	2	4	1	1	2	1	1
CCL	4,347	0%	West Bay Preservation Area	2	2	2	2	4	3	3	2	2	3	1	3	2	3	1
SC	6,301	86%	Charlotte Harbor Estuary	2	2	2	2	4	4	2	1	3	4	2	4	3	3	1
SC	1,944	86%	Estero Bay	2	2	3	2	4	4	1	1	2	4	2	4	2	2	1
SC	4,432	86%	Lochloosa Wildlife	2	1	2	1	4	3	2	3	3	3	3	3	3	1	1
SC	24	100%	Save Our Everglades	5	5	5	1	4	4	2	3	1	3	2	1	4	1	1
SC	2,650	88%	South Walton County Ecosystem	3	3	2	3	3	2	3	3	3	3	1	4	2	2	1
SC	366	87%	Spruce Creek	4	5	3	5	3	2	1	3	1	4	4	2	3	2	1
SC	615	96%	Upper St. Marks River Corridor	1	1	3	2	3	2	3	3	1	4	2	2	1	1	1
CHR	853	0%	Battle of Wahoo Swamp	1	1	3	1	1	4	1	3	2	5	1	1	4	1	1
CHR	558	2%	Pierce Mound Complex	2	1	4	1	1	3	1	1	2	5	2	1	1	2	1
CHR	145	30%	Pineland Site Complex	2	1	1	1	1	2	1	1	1	5	3	1	2	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

Category	Remaining Acres
Critical Natural Lands	861,230
Partnerships & Reg. Incentives	506,928
Less-Than-Fee	699,735
Climate Change Lands	156,259
Substantially Complete	16,333
Critical Historical Resources	1,557
Total	2,242,042

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 and FNAI managed areas databases as of 30 September 2019.

