



Florida Forever Project Evaluation Comparative Analysis

November 2017

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 4.3 of the Florida Forever Conservation Needs Assessment (FFCNA) data layers. FFCNA resource data are continually updated as new information becomes available. Version 4.3 includes updates for Natural Communities, Wetlands, and Natural Floodplain. Details are described in the Florida Forever Conservation Needs Assessment Technical Report, v4.3 and the Ranking Support Analyses Documentation for November 2017.

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 406,700 acres have been acquired (July 2001 – Aug 2017), leaving an estimated acreage of 417,900 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, 19% occur on projects; the remaining 81% 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/FIForever.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	10,683	43%	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	2	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	7,175	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	31,862	31%	Bombing Range Ridge	5	4	3	4	3	2	3	3	5	2	2	2	x	5	1
CNL	10,646	42%	Caloosahatchee Ecoscape	1	2	4	2	3	2	2	2	4	2	1	3	4	1	
CNL	32,436	5%	Camp Blanding to Raiford Greenway	1	2	2	2	2	2	4	1	5	2	1	2	2	1	
CNL	71,308	14%	Devil's Garden	2	3	3	1	2	2	1	1	4	2	1	3	x	4	1
CNL	59,102	36%	Etoniah/Cross Florida Greenway	2	3	3	2	3	2	3	3	5	3	2	4	x	4	2
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	1,877	33%	Ichetucknee Trace	2	3	2	1	1	1	1	4	2	2	2	1	2	1	
CNL	5,413	1%	Lake Hatchineha Watershed	2	2	3	3	3	2	2	2	3	2	2	1	4	1	
CNL	22,466	62%	Lake Wales Ridge Ecosystem	4	4	4	4	2	2	2	3	4	2	1	2	5	1	
CNL	9,671	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	27,500	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	2,390	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	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	2	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	17,289	47%	Wacissa/Aucilla River Sinks	2	4	3	1	4	4	3	2	4	5	2	4	x	2	3
CNL	23,077	72%	Wekiva-Ocala Greenway	4	3	3	3	4	3	2	3	3	3	3	4	x	4	3
CNL	9,433	6%	Wolfe Creek Forest	1	1	2	2	3	1	4	1	2	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	2	4	1	1	3	1	1	2	5	2	1	1	2	
CHR	145	30%	Pineland Site Complex	2	2	1	1	1	2	1	1	1	5	3	1	2	4	
CHR	56	12%	Three Chimneys	1	1	2	1	1	1	1	2	1	5	1	1	3	1	
LTF	5,499	23%	Adams Ranch	4	5	3	3	3	2	1	3	4	3	2	1	4	1	
LTF	8,451	29%	Arbuckle Creek Watershed	1	1	3	2	3	2	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	47,234	17%	Big Bend Swamp/Holopaw Ranch	2	2	3	2	3	3	2	2	5	2	1	3	4	1	
LTF	99,501	0%	Coastal Headwaters Longleaf Forest	2	2	2	2	3	1	4	1	4	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	112,639	39%	Fisheating Creek Ecosystem	3	4	3	2	3	2	3	3	5	3	2	2	5	1	
LTF	25,611	0%	Gulf Hammock	1	3	3	1	3	3	3	1	4	3	2	1	4	5	
LTF	1,676	0%	Hardee Flatwoods	1	2	3	3	3	3	3	3	2	2	3	1	x	4	1
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	3	3	2	2	3	1	2	1	1	
LTF	2,326	70%	Lower Perdido River Buffer	1	1	1	3	3	2	3	1	2	3	1	1	1	1	
LTF	50,383	14%	Lower Suwannee River and Gulf Watershed	2	3	2	1	2	3	4	3	4	3	1	2	2	5	
LTF	108,115	2%	Matanzas to Ocala Conservation Corridor	1	2	3	2	2	2	3	2	5	2	2	3	3	5	
LTF	4,925	31%	Maytown Flatwoods	2	5	3	3	2	4	4	2	5	2	2	1	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	31,372	23%	Myakka Ranchlands	3	2	2	2	3	2	2	3	3	3	2	3	3	1	
LTF	3,869	22%	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	2	3	2	2	2	2	3	4	2	2	1	4	1	
LTF	3,842	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	2	2	3	5	2	1	1	4	1	
LTF	376	0%	San Felasco Conservation Corridor	1	1	2	1	1	2	1	3	1	3	1	2	2	1	
LTF	6,183	0%	Seven Runs Creek Phase 2	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	
LTF	37,246	0%	Upper Apalachicola River Ecosystem	2	2	5	2	5	5	2	1	3	5	3	2	x	1	1
LTF	710	0%	West Aucilla River Buffer	1	1	2	1	1	2	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.

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 and FNAI managed areas databases as of 30 September 2017.

Florida Forever Project Evaluation Comparative Analysis, November 2017 (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	8,394	57%	Annutteliga Hammock	3	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	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	21,054	49%	Brevard Coastal Scrub Ecosystem	3	3	2	3	3	2	2	3	2	2	1	4	3	2	
PRI	305	76%	Carr Farm/Price's Scrub	1	1	2	1	1	2	1	3	1	3	4	1	3	1	
PRI	3,221	83%	Catfish Creek	2	2	2	3	3	2	2	3	3	2	1	1	4	1	
PRI	4,442	79%	Charlotte Harbor Flatwoods	2	2	3	4	4	2	4	3	3	2	1	3	3	1	
PRI	2,868	43%	Clear Creek/Whiting Field	4	3	2	3	3	1	3	1	4	3	2	3	1	1	
PRI	37,336	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	2	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	6,473	60%	Florida's First Magnitude Springs ^a	4	4	3	2	3	2	3	4	4	4	2	3	5	1	
PRI	161,279	40%	Green Swamp	2	2	2	2	3	2	2	4	4	3	2	4	x	4	1
PRI	7,517	12%	Hall Ranch	1	2	5	3	3	2	5	1	3	2	1	1	3	1	
PRI	13,658	32%	Heather Island/Ocklawaha River	1	2	3	2	3	2	3	2	3	3	1	3	x	4	1
PRI	19,433	29%	Indian River Lagoon Blueway	3	2	2	2	3	3	2	2	3	4	2	5	5	4	
PRI	10,251	22%	Lafayette Forest	1	2	3	2	3	2	4	4	3	3	2	1	2	1	
PRI	9,506	8%	Lake Santa Fe	1	1	3	1	3	2	3	3	3	3	2	4	x	3	1
PRI	4,690	0%	Lochloosa Forest	1	1	3	1	3	2	4	3	3	2	1	1	3	1	
PRI	11,961	15%	Middle Chipola River	2	2	5	1	4	2	2	2	2	4	2	3	x	1	1
PRI	83,384	43%	Northeast Florida Timberlands and Watershed Reserve	2	2	2	2	3	2	3	1	5	2	2	3	2	4	
PRI	9,563	74%	Pal-Mar	2	2	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	9,695	59%	Pumpkin Hill Creek	2	2	2	2	4	3	2	1	4	3	1	2	2	4	
PRI	1,134	3%	Rainbow River Corridor	2	4	2	2	1	1	1	4	2	4	2	3	x	4	1
PRI	14,444	57%	Sand Mountain	5	5	2	4	3	2	4	3	4	3	2	3	x	2	1
PRI	18,311	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	5,696	52%	Watermelon Pond	1	4	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	1,723	53%	Caber Coastal Connector	2	5	5	2	4	5	1	1	2	4	1	3	2	1	
CCL	1,164	62%	Coupon Bight/Key Deer	5	4	5	3	3	3	1	1	1	2	2	3	2	3	
CCL	19,610	23%	Dickerson Bay/Bald Point	2	3	3	2	4	2	4	4	3	4	1	5	1	5	
CCL	6,175	52%	Florida Keys Ecosystem	5	5	5	3	5	4	1	1	2	4	2	5	3	3	
CCL	6,928	84%	Florida Springs Coastal Greenway	2	2	3	2	5	5	2	1	4	4	2	3	4	3	
CCL	3,404	54%	Garcon Ecosystem	1	2	3	2	4	4	2	1	1	4	1	4	1	4	
CCL	12,104	57%	Northeast Florida Blueway	2	2	2	2	5	3	2	1	3	4	2	4	3	3	
CCL	79,908	50%	St. Joe Timberland ^a	2	2	3	2	4	4	3	2	4	3	2	3	x	2	5
CCL	19,416	26%	St. Johns River Blueway	2	2	2	2	3	2	3	2	2	3	2	3	3	4	
CCL	3,702	0%	Taylor Sweetwater Creek	2	2	2	3	3	4	1	3	4	4	2	3	2	4	
CCL	2,267	46%	Terra Ceia	2	3	2	2	4	4	1	1	1	4	1	1	3	4	
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	6,347	86%	Charlotte Harbor Estuary	3	2	2	2	4	4	2	1	3	4	2	4	3	3	
SC	154	94%	Clay Ranch	2	2	3	2	1	2	1	3	1	4	2	1	x	3	1
SC	296	90%	Escribano Point ^a	2	2	5	2	4	5	1	1	1	5	2	1	1	1	
SC	1,890	87%	Esteros Bay	2	2	3	2	4	4	1	1	2	4	2	3	2	3	
SC	4,434	86%	Lochloosa Wildlife	2	2	2	1	4	3	2	3	3	3	3	3	3	1	
SC	24	100%	Save Our Everglades	5	5	5	1	4	4	2	3	1	3	2	1	4	1	
SC	2,697	88%	South Walton County Ecosystem	4	4	2	3	3	2	3	3	3	3	1	4	2	2	
SC	366	87%	Spruce Creek	4	5	3	5	3	2	1	3	1	4	4	2	3	2	
SC	1,295	91%	Upper St. Marks River Corridor	1	1	3	2	2	3	3	3	2	4	2	3	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

^aRemaining Acres and % Complete do not reflect the following Sep-Nov 2017 acquisitions: 72 acres within Escribano Point; 1,045 acres within St. Joe Timberland; 464 acres within Florida's First Magnitude Springs

Acreage Summary	
Category	Remaining Acres
Critical Natural Lands	755,598
Critical Historical Resources	1,702
Less-Than-Fee	734,205
Partnerships & Reg. Incentives	509,888
Climate Change Lands	162,109
Substantially Complete	17,503
Total	2,181,005

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 and FNAI managed areas databases as of 30 August 2017.