

Florida Forever Natural Resource Acquisition Progress Report

November 2019

Prepared by the
Florida Natural Areas Inventory
for the
Florida Department of Environmental Protection
Division of State Lands



This is the twenty-eighth Progress Report for the Florida Forever environmental land acquisition program. The reports are produced at the request of the Florida Department of Environmental Protection (DEP), Division of State Lands, as part of the Florida Natural Areas Inventory’s contract to provide scientific expertise and analysis to inform the Florida Forever program.

These reports document the progress of Florida Forever Board of Trustees (FFBOT), water management district (FFWMD), Florida Communities Trust (FCT) and other Florida Forever program acquisitions toward meeting the goals and measures of the Florida Forever program. Progress is measured using the natural resource data layers developed or compiled by the Florida Natural Areas Inventory and presented in the Conservation Needs Assessment Summary and Technical Reports (available online at www.fnai.org/FIForever.cfm).

For this report, Florida Forever acquisitions include those properties for which transactions have closed from the inception of the program in July 2001 through August 2019. The following table lists total acquisitions through Aug 2019. Note that acreages are calculated in GIS for parcels with digital boundaries and do not include all small parcels. Parcels that FFBOT or FFWMD acquired in combination with non-Florida Forever funds (e.g., a separate agency funding source or another funding partner) are counted entirely as Florida Forever purchases.

Program*	Acres acquired		
	July 2001 - Aug 2019		
	Full Fee	Less-than-Fee	Total
FFBOT	316,672	124,624	441,296
FFWMD	178,805	101,280	280,086
FCT	47,251	-	47,251
Inholdings and Additions (I&A)			
DEP/Office of Greenways and Trails	2,756	-	2,756
DEP/Division of Recreation and Parks	6,217	-	6,217
FDACS/Florida Forest Service	18,067	7,157	25,224
Florida Fish and Wildlife Conservation Commission	12,302	-	12,302
Rural and Family Lands Protection Program (included with I&A in attached table)	-	2,900	2,900
Stan Mayfield Working Waterfronts (not included in attached table)	5	-	5
Total Florida Forever Acquisitions	582,076	235,961	818,037

*Program is the primary Florida Forever funding source. Parcels acquired in combination with other funding sources or partners are attributed entirely to the primary program in the acreage summary.

The attached Florida Forever Summary of Resource Acres Protected on Conservation Lands (Summary) shows the baseline of natural resources protected on conservation lands at the onset of the Florida Forever program. The baseline represents the starting point from which Florida Forever’s progress will be measured. The Summary also reports additional acreage of each resource acquired by the Florida Forever program as of August 2019.

The Florida Natural Areas Inventory updates our managed areas database quarterly with the latest information available from land managing agencies. We also maintain a separate parcel database of Florida Forever acquisitions which is updated biannually. In addition to newly acquired parcels, updates may also include boundary revisions or deletions as agencies provide improved information. The September 2019 update to the Florida Forever acquired parcel and the managed areas databases were used to calculate acquisitions since the onset of the Florida Forever program for this report. In addition to Florida Forever acquisitions, many parcels were added to managed area boundaries, as part of the continual building and maintenance of the database. These lands may represent federal, local, or private acquisitions, other state acquisition programs, or revisions to existing managed area boundaries. These lands are split into two columns in the Summary: Other Lands Acquired within FL Forever Projects (359,486 total acres) and Other Lands Added to the FNAI Database since July 2001 (671,868 total acres).

Florida Forever Summary of Resource Acres Protected on Conservation Lands - November 2019

MEASURES			Resource Acres Protected								Percent Protected			
			Baseline	FL Forever Programs as of Aug 2019				Other Lands		Remaining Acres			July 2001	Aug 2019
			At start of FL Forever July 2001	BOT	WMDs	RFLPP	FCT	Acquired within FL Forever Projects	Added to FNAI Database since July 2001					
Natural Resource Priorities	Total Statewide Acres				OGT, A&I									
B1: Strategic Habitat Conservation Areas	Priority 1	1,457,080	844,380	18,550	3,530	1,630	1,660	21,320	22,210	543,800	58%	63%		
	Priority 2	10,489,250	6,127,290	310,390	188,530	38,030	19,060	220,550	303,000	3,282,400	58%	69%		
	Priority 3	4,936,120	1,401,160	22,780	14,790	2,410	7,530	37,640	98,510	3,351,300	28%	32%		
	Priority 4	84,350	25,510	2,460	1,260	170	230	2,260	1,990	50,470	30%	40%		
	Priority 5	1,084,300	77,810	9,300	6,560	840	2,290	10,290	23,450	953,760	7%	12%		
	Total 2009^a	18,051,100	8,476,150	363,480	214,670	43,080	30,770	292,060	449,160	8,181,730	47%	55%		
Total 1994^a	4,037,750	351,850	187,760	75,330	12,200	11,560	140,810	110,630	3,147,610	9%	22%			
B2: FNAI Habitat Conservation Priorities	Priority 1	949,930	586,790	27,150	7,460	1,070	520	6,530	6,600	313,810	62%	67%		
	Priority 2	2,242,280	1,674,920	30,560	5,750	2,260	1,720	25,780	42,200	459,090	75%	80%		
	Priority 3	2,455,580	1,373,730	76,900	14,570	2,700	1,830	34,740	41,750	909,360	56%	63%		
	Priority 4	4,601,590	2,119,720	100,390	54,830	13,500	6,330	71,020	124,600	2,111,200	46%	54%		
	Priority 5	6,747,500	1,599,570	116,140	74,100	14,170	11,970	115,150	145,250	4,671,150	24%	31%		
	Priority 6	3,204,060	581,900	14,590	36,360	7,580	6,220	30,400	75,980	2,451,030	18%	24%		
Total	20,200,940	7,936,630	365,730	193,070	41,280	28,590	283,620	436,380	10,915,640	39%	46%			
B3: Ecological Greenways	Priority 1	11,629,920	7,427,750	301,790	126,610	27,330	3,030	158,250	221,720	3,363,440	64%	71%		
	Priority 2	5,102,510	1,179,510	81,040	73,460	10,700	11,720	86,850	122,380	3,536,850	23%	31%		
	Priority 3	1,239,940	216,240	5,610	50,020	460	1,210	23,190	24,980	918,230	17%	26%		
	Priority 4	1,526,260	307,680	24,580	9,520	1,850	10,700	19,580	41,990	1,110,360	20%	27%		
	Priority 5	3,585,110	668,860	20,040	11,860	7,780	4,690	63,040	172,210	2,636,630	19%	26%		
	Total	23,083,740	9,800,040	433,060	271,470	48,120	31,350	350,910	583,280	11,565,510	42%	50%		
B4: Under-represented Natural Communities	Upland Glade (G1)	40	0	0	0	0	0	0	0	40	0%	0%		
	Pine Rockland (G1)	16,850	15,750	120	0	0	0	80	140	760	93%	95%		
	Scrub (G2)	489,480	341,560	4,510	880	750	790	5,190	4,550	131,250	70%	73%		
	Rockland Hammock (G2)	18,770	15,130	390	0	0	10	680	100	2,460	81%	87%		
	Dry Prairie (G2)	155,290	92,380	4,510	480	600	0	1,960	3,290	52,070	59%	66%		
	Seepage Slope (G2)	6,230	6,200	0	0	0	0	0	0	30	100%	100%		
	Sandhill (G3)	773,120	466,790	5,470	2,260	1,300	160	1,690	7,650	287,800	60%	63%		
	Sandhill Lake (G3)	71,470	12,700	110	290	30	10	160	480	57,690	18%	19%		
	Upland Pine (G3)	179,280	149,090	2,420	450	910	0	210	70	26,130	83%	85%		
	Pine Flatwoods (G4)	2,329,060	1,051,520	70,830	24,670	3,960	5,490	41,380	41,640	1,089,570	45%	53%		
Upland Hardwood (G5)	231,530	35,760	670	1,270	430	1,070	240	2,030	190,060	15%	18%			
Total	4,271,120	2,186,880	89,030	30,300	7,980	7,530	51,590	59,950	1,837,860	51%	57%			
B5: Landscape-sized Protection Areas	<i>Acres acquired within contiguous conservation lands ≥ 50,000 acres</i>	n/a	7,375,090	329,280	193,110	32,940	15,540	214,150	275,340	n/a	n/a	n/a		

^aThe FWC completed a major revision to the SHCAs in 2009; however, the original 1994 SHCAs have been used to inform Florida Forever acquisition decisions from 2001 - 2007; therefore, we report acquisition progress for both the original and revised strategic habitats.

			Resource Acres Protected							Remaining Acres		Percent Protected	
			Baseline	FL Forever Programs as of Aug 2019				Other Lands				July 2001	Aug 2019
			At start of FL Forever July 2001	OGT, A&I, BOT WMDs RFLPP FCT				Acquired within FL Forever Projects	Added to FNAI Database since July 2001				
MEASURES	Natural Resource Priorities	Total Statewide Acres											
C3: Natural Floodplain Function	Priority 1	4,673,600	4,016,370	40,880	40,090	7,340	4,090	60,190	61,080	443,560	86%	91%	
	Priority 2	2,553,550	1,334,990	54,440	42,770	5,300	3,330	51,370	110,880	950,470	52%	63%	
	Priority 3	2,651,650	558,770	79,440	46,010	4,620	6,190	59,760	81,560	1,815,300	21%	32%	
	Priority 4	2,847,060	163,150	48,440	25,170	5,360	5,620	35,450	73,930	2,489,940	6%	13%	
	Priority 5	975,560	36,930	17,370	5,880	1,490	1,500	11,160	39,220	862,010	4%	12%	
	Priority 6	1,615,540	71,480	3,900	6,420	150	1,360	2,600	36,740	1,492,890	4%	8%	
	Total	15,316,960	6,181,690	244,470	166,340	24,260	22,090	220,530	403,410	8,054,170	40%	47%	
C4: Surface Water Protection	Priority 1	2,828,240	1,362,940	44,080	16,480	3,170	5,030	59,410	102,080	1,235,050	48%	56%	
	Priority 2	5,498,280	3,579,910	64,990	61,160	12,340	3,280	66,650	129,490	1,580,460	65%	71%	
	Priority 3	1,883,970	401,350	34,920	20,040	2,060	3,590	11,940	27,230	1,382,840	21%	27%	
	Priority 4	8,595,280	2,313,930	195,290	106,270	23,970	13,240	140,620	186,010	5,615,950	27%	35%	
	Priority 5	3,892,910	333,780	33,150	16,640	2,250	5,150	19,290	61,180	3,421,470	9%	12%	
	Priority 6	5,725,460	576,410	58,170	43,930	4,180	10,300	49,410	68,380	4,914,680	10%	14%	
	Priority 7	2,237,700	65,810	4,280	6,740	550	810	4,820	27,890	2,126,800	3%	5%	
Total	30,661,840	8,634,130	434,880	271,260	48,520	41,400	352,140	602,260	20,277,250	28%	34%		
C5: Minimize Damage from Flooding		16,237,450	6,244,660	246,820	168,370	24,410	22,420	222,280	407,750	8,900,740	38%	45%	
C6: Fragile Coastal Resources	Fragile Coastal Uplands	79,560	62,710	870	40	70	60	1,050	1,270	13,490	79%	83%	
	Imperiled Coastal Lakes	1,500	520	0	0	0	0	0	0	980	35%	35%	
	Coastal Wetlands	1,000,020	743,150	4,080	2,290	330	1,910	30,460	51,540	166,260	74%	83%	
	Total	1,081,080	806,380	4,950	2,330	400	1,970	31,510	52,810	180,730	75%	83%	
C7: Functional Wetlands	Priority 1	4,473,110	3,836,480	38,950	36,830	7,160	4,180	58,710	59,610	431,190	86%	90%	
	Priority 2	2,267,660	1,133,610	44,410	38,070	4,710	3,500	47,520	106,020	889,820	50%	61%	
	Priority 3	2,128,190	377,770	39,490	38,350	3,720	5,890	52,360	68,380	1,542,230	18%	28%	
	Priority 4	1,806,580	101,020	25,760	15,310	2,130	4,520	25,230	46,100	1,586,510	6%	12%	
	Priority 5	404,790	15,250	3,340	2,150	280	1,060	2,020	12,470	368,220	4%	9%	
	Priority 6	283,610	9,870	200	180	10	680	210	6,040	266,420	3%	6%	
Total	11,363,940	5,474,000	152,150	130,890	18,010	19,830	186,050	298,620	5,084,390	48%	55%		
D3: Aquifer Recharge	Priority 1	1,122,030	212,250	9,770	5,580	770	1,030	3,080	5,470	884,080	19%	21%	
	Priority 2	3,310,030	449,640	21,720	19,610	4,420	3,990	10,890	26,730	2,773,030	14%	16%	
	Priority 3	6,133,020	897,470	55,900	46,690	7,260	8,070	54,140	75,760	4,987,730	15%	19%	
	Priority 4	7,555,200	1,282,960	121,750	71,640	10,740	11,460	88,550	134,070	5,834,030	17%	23%	
	Priority 5	6,685,890	1,385,770	120,090	62,230	8,820	8,380	84,620	130,470	4,885,510	21%	27%	
	Priority 6	8,633,890	3,804,020	95,520	55,940	12,130	7,020	83,700	201,080	4,374,480	44%	49%	
Total	33,440,060	8,032,110	424,750	261,690	44,140	39,950	324,980	573,580	23,738,860	24%	29%		
E2: Recreational Trails	Priority 1	5,450	2,260	50	60	80	40	30	190	2,740	41%	50%	
	Priority 2	4,760	1,200	110	70	10	40	70	210	3,050	25%	36%	
	Total	10,210	3,460	160	130	90	80	100	400	5,790	34%	43%	
F1: Archaeological Sites	<i>reported as number of sites^b</i>	35,945	15,190	433	357	115	210	410	924	18,727	42%	49%	

MEASURES			Resource Acres Protected								Percent Protected		
			Baseline	FL Forever Programs as of Aug 2019				Other Lands		Remaining Acres			
			At start of FL Forever July 2001	BOT	WMDs	OGT, A&I, RFLPP	FCT	Acquired within FL Forever Projects	Added to FNAI Database since July 2001				July 2001
Natural Resource Priorities			Total Statewide Acres										
G1: Sustainable Forestry	Priority 1	1,658,100	727,410	65,680	2,820	3,060	50	15,400	15,200	828,480	44%	50%	
	Priority 2	2,234,050	821,440	55,430	11,800	6,100	990	27,180	18,400	1,292,710	37%	42%	
	Priority 3	4,851,800	1,058,570	86,140	60,730	8,690	9,200	62,260	70,590	3,495,620	22%	28%	
	Priority 4	38,920	18,490	840	0	0	90	800	380	18,320	48%	53%	
	Priority 5	4,717,510	241,560	63,040	27,030	4,310	6,250	52,830	103,380	4,219,110	5%	11%	
	Total	13,500,380	2,867,470	271,130	102,380	22,160	16,580	158,470	207,950	9,854,240	21%	27%	
H1: Urban Service Areas			5,136,550	156,430	2,430	1,560	680	7,470	7,910	24,690	4,935,380	3%	4%

B6: Imperiled Species ^e		Number of Imperiled Species Protected							TOTAL ^b All Conservation Lands as of Aug 2019d		
		Baseline	FL Forever Programs as of Aug 2019				Other Lands				TOTAL ^b All FL Forever Programs
		At start of FL Forever July 2001	BOT	WMDs	OGT, A&I, RFLPP	FCT	Acquired within FL Forever Projects	Added to FNAI Database since July 2001			
Species occurrences ^c		14,276	733	185	134	97	441	617	1,069	15,667	
Species with at least 1 occurrence on conservation lands		966	285	106	93	52	176	244	358	992	
federal or state endangered		368	122	31	43	14	72	98	150	380	
federal or state threatened		110	59	19	16	17	49	60	67	112	

^bTOTAL numbers are less than the sum of all programs because numbers may overlap between programs.

^cAn FNAI species occurrence typically represents an ecologically distinct population. A population is intended to be ecologically viable and persisting over time in order to meet the standard for an occurrence counted here. FNAI data come from many sources, including field surveys, published reports, museum collections, and other resource experts.

Not all areas of the state have been surveyed for all species. The rarest elements of biodiversity are given greater emphasis in data collection efforts.

^dAnalysis is based on the September 2019 version of Florida Managed Areas which is current through August 2019.

^eFWC is phasing out the Species of Special Concern listing status so the special concern category is no longer reported here. For more information see:

<https://myfwc.com/media/2030/imperiled-species-management-plan.pdf>