

# Florida Forever Natural Resource Acquisition Progress Report

November 2016

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



This is the twenty-fifth 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](http://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 Jul 2001 through Sep 2016. The following table lists total acquisitions through Sep 2016. 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 - Sep 2016	Full Fee	Less-than-Fee
FFBOT	290,704	89,081	379,786
FFWMD	178,805	100,149	278,954
FCT	47,174	-	47,174
Inholdings and Additions (I&A)			
DEP/Office of Greenways and Trails	2,569	-	2,569
DEP/Division of Recreation and Parks	5,560	-	5,560
FDACS/Florida Forest Service	17,504	1,378	18,881
Florida Fish and Wildlife Conservation Commission	11,870	-	11,870
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
<b>Total Florida Forever Acquisitions</b>	<b>554,190</b>	<b>193,509</b>	<b>747,699</b>

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 Sep 2016.

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 2016 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 areas 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 areas boundaries. These lands are split into two columns in the Summary: Other Lands Acquired within FL Forever Projects (334,232 total acres) and Other Lands Added to the FNAI Database since July 2001 (617,890 total acres).

Florida Forever Summary of Resource Acres Protected on Conservation Lands - November 2016

			Resource Acres Protected							Remaining Acres		Percent Protected	
			Baseline	FL Forever Programs as of Sep 2016				Other Lands				July 2001	Sep 2016
			At start of FL Forever July 2001	BOT	WMDs	RFLPP	FCT	Acquired within FL Forever Projects	Added to FNAI Database since July 2001				
MEASURES	Natural Resource Priorities	Total Statewide Acres	OGT, A&I,										
<b>B1: Strategic Habitat Conservation Areas</b>	Priority 1	1,457,080	845,190	15,420	3,530	1,270	1,660	18,500	20,280	551,230	58%	62%	
	Priority 2	10,489,250	6,152,270	293,910	188,490	32,550	19,000	196,760	281,300	3,324,970	59%	68%	
	Priority 3	4,936,120	1,411,500	6,250	14,620	2,130	7,520	37,890	90,170	3,366,040	29%	32%	
	Priority 4	84,350	25,530	2,410	1,220	170	220	2,140	2,150	50,510	30%	40%	
	Priority 5	1,084,300	78,230	5,250	6,340	690	2,280	11,560	21,300	958,650	7%	12%	
	<b>Total 2009<sup>a</sup></b>	<b>18,051,100</b>	<b>8,512,720</b>	<b>323,240</b>	<b>214,200</b>	<b>36,810</b>	<b>30,680</b>	<b>266,850</b>	<b>415,200</b>	<b>8,251,400</b>	<b>47%</b>	<b>54%</b>	
<b>Total 1994<sup>a</sup></b>	<b>4,037,900</b>	<b>351,500</b>	<b>170,790</b>	<b>75,350</b>	<b>11,190</b>	<b>11,550</b>	<b>130,820</b>	<b>93,520</b>	<b>3,193,180</b>	<b>9%</b>	<b>21%</b>		
<b>B2: FNAI Habitat Conservation Priorities</b>	Priority 1	949,930	587,080	26,060	7,470	1,010	510	5,980	6,900	314,920	62%	67%	
	Priority 2	2,242,280	1,678,270	28,250	5,760	1,770	1,720	21,480	39,310	465,720	75%	79%	
	Priority 3	2,455,580	1,380,210	63,560	14,570	2,120	1,840	29,060	38,640	925,580	56%	62%	
	Priority 4	4,601,590	2,124,220	87,490	54,600	11,980	6,330	62,160	113,210	2,141,600	46%	53%	
	Priority 5	6,747,500	1,603,060	100,700	73,390	13,690	11,890	107,180	131,780	4,705,810	24%	30%	
	Priority 6	3,204,060	589,620	12,270	36,240	4,340	6,240	23,790	68,920	2,462,640	18%	23%	
<b>Total</b>	<b>20,200,940</b>	<b>7,962,460</b>	<b>318,330</b>	<b>192,030</b>	<b>34,910</b>	<b>28,530</b>	<b>249,650</b>	<b>398,760</b>	<b>11,016,270</b>	<b>39%</b>	<b>45%</b>		
<b>B3: Ecological Greenways</b>	Priority 1	11,629,920	7,444,250	268,000	126,590	23,800	3,020	155,280	208,810	3,400,170	64%	71%	
	Priority 2	5,102,510	1,182,560	67,530	73,470	9,840	11,730	75,790	108,310	3,573,280	23%	30%	
	Priority 3	1,239,940	216,190	5,150	48,870	460	1,130	22,130	22,950	923,060	17%	26%	
	Priority 4	1,526,260	331,720	23,840	9,510	1,690	10,730	16,550	38,520	1,093,700	22%	28%	
	Priority 5	3,585,110	669,170	7,390	11,860	4,940	4,700	56,290	160,000	2,670,760	19%	26%	
	<b>Total</b>	<b>23,083,740</b>	<b>9,843,890</b>	<b>371,910</b>	<b>270,300</b>	<b>40,730</b>	<b>31,310</b>	<b>326,040</b>	<b>538,590</b>	<b>11,660,970</b>	<b>43%</b>	<b>49%</b>	
<b>B4: Under-represented Natural Communities</b>	Upland Glade (G1)	40	0	0	0	0	0	0	0	40	0%	0%	
	Pine Rockland (G1)	16,850	15,730	100	0	0	0	70	160	790	93%	95%	
	Scrub (G2)	489,570	341,560	4,280	870	750	780	4,280	3,770	133,280	70%	73%	
	Rockland Hammock (G2)	18,770	15,160	340	0	0	10	620	140	2,500	81%	87%	
	Dry Prairie (G2)	155,560	92,380	2,790	470	160	0	2,230	3,290	54,240	59%	65%	
	Seepage Slope (G2)	6,230	6,200	0	0	0	0	0	0	30	100%	100%	
	Sandhill (G3)	773,090	466,780	5,220	2,250	1,260	160	1,610	6,680	289,130	60%	63%	
	Sandhill Lake (G3)	70,780	12,710	110	300	10	10	160	430	57,050	18%	19%	
	Upland Pine (G3)	168,250	149,030	2,400	440	900	0	210	160	15,110	89%	91%	
	Pine Flatwoods (G4)	2,332,850	1,052,050	65,290	24,630	3,790	5,480	39,450	38,230	1,103,930	45%	53%	
	Upland Hardwood (G5)	230,520	35,990	610	1,270	360	1,060	230	1,700	189,300	16%	18%	
<b>Total</b>	<b>4,262,510</b>	<b>2,187,590</b>	<b>81,140</b>	<b>30,230</b>	<b>7,230</b>	<b>7,500</b>	<b>48,860</b>	<b>54,560</b>	<b>1,845,400</b>	<b>51%</b>	<b>57%</b>		
<b>B5: Landscape-sized Protection Areas</b>	<i>Acres acquired within contiguous conservation lands ≥ 50,000 acres</i>	n/a	<b>7,348,980</b>	<b>290,310</b>	<b>190,410</b>	<b>28,000</b>	<b>14,700</b>	<b>174,900</b>	<b>253,030</b>	n/a	n/a	n/a	

<sup>a</sup>The 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.

MEASURES			Resource Acres Protected								Percent Protected			
			Baseline	FL Forever Programs as of Sep 2016				Other Lands		Remaining Acres			July 2001	Sep 2016
			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												
C3: Natural Floodplain Function	Priority 1	4,733,890	4,095,520	29,920	35,500	6,080	3,870	52,910	57,960	452,130	87%	90%		
	Priority 2	2,400,300	1,200,440	32,760	41,900	5,140	3,300	48,840	105,110	962,810	50%	60%		
	Priority 3	2,734,910	591,610	70,570	44,680	3,080	6,230	53,770	68,660	1,896,310	22%	31%		
	Priority 4	2,779,590	166,960	35,960	22,180	3,810	4,920	32,300	60,050	2,453,410	6%	12%		
	Priority 5	877,140	36,210	16,690	4,470	1,030	1,170	10,300	28,560	778,710	4%	11%		
	Priority 6	1,457,440	59,990	3,700	6,220	30	1,230	3,050	33,250	1,349,970	4%	7%		
	<b>Total</b>	<b>14,983,270</b>	<b>6,150,730</b>	<b>189,600</b>	<b>154,950</b>	<b>19,170</b>	<b>20,720</b>	<b>201,170</b>	<b>353,590</b>	<b>7,893,340</b>	<b>41%</b>	<b>47%</b>		
C4: Surface Water Protection	Priority 1	2,828,240	1,374,890	41,100	15,750	2,870	5,030	54,120	97,230	1,237,250	49%	56%		
	Priority 2	5,498,280	3,584,550	60,030	61,120	10,820	3,290	57,100	127,500	1,593,870	65%	71%		
	Priority 3	1,883,970	402,090	25,290	19,700	2,070	3,590	13,260	25,120	1,392,850	21%	26%		
	Priority 4	8,595,280	2,320,480	177,890	106,210	20,080	13,170	131,390	169,330	5,656,730	27%	34%		
	Priority 5	3,892,910	336,550	25,770	16,620	1,320	5,140	17,200	51,850	3,438,460	9%	12%		
	Priority 6	5,725,460	578,100	39,960	43,920	3,470	10,300	50,580	54,130	4,945,000	10%	14%		
	Priority 7	2,237,700	65,140	4,190	6,740	330	810	3,530	23,890	2,133,070	3%	5%		
<b>Total</b>	<b>30,661,840</b>	<b>8,661,800</b>	<b>374,230</b>	<b>270,060</b>	<b>40,960</b>	<b>41,330</b>	<b>327,180</b>	<b>549,050</b>	<b>20,397,230</b>	<b>28%</b>	<b>33%</b>			
<b>C5: Minimize Damage from Flooding</b>		<b>16,007,460</b>	<b>6,211,450</b>	<b>192,050</b>	<b>157,370</b>	<b>19,280</b>	<b>21,090</b>	<b>202,970</b>	<b>359,330</b>	<b>8,843,920</b>	<b>39%</b>	<b>45%</b>		
C6: Fragile Coastal Resources	Fragile Coastal Uplands	79,560	62,850	820	40	70	60	870	1,310	13,540	79%	83%		
	Imperiled Coastal Lakes	1,500	520	0	0	0	0	0	0	980	35%	35%		
	Coastal Wetlands	1,000,020	755,610	4,050	2,290	250	1,900	27,170	49,240	159,510	76%	84%		
	<b>Total</b>	<b>1,081,080</b>	<b>818,980</b>	<b>4,870</b>	<b>2,330</b>	<b>320</b>	<b>1,960</b>	<b>28,040</b>	<b>50,550</b>	<b>174,030</b>	<b>76%</b>	<b>84%</b>		
C7: Functional Wetlands	Priority 1	4,578,840	3,949,440	29,820	35,030	6,220	4,540	53,250	56,730	443,810	86%	90%		
	Priority 2	2,148,570	1,010,090	31,810	39,210	4,760	3,630	46,310	101,980	910,780	47%	58%		
	Priority 3	2,309,540	449,150	63,990	39,100	2,890	6,370	49,640	61,960	1,636,440	19%	29%		
	Priority 4	1,755,080	96,460	19,080	14,690	1,820	3,700	23,940	43,730	1,551,660	5%	12%		
	Priority 5	368,860	13,870	3,380	2,000	170	790	1,570	10,470	336,610	4%	9%		
	Priority 6	249,300	7,490	160	150	0	530	160	4,430	236,380	3%	5%		
<b>Total</b>	<b>11,410,190</b>	<b>5,526,500</b>	<b>148,240</b>	<b>130,180</b>	<b>15,860</b>	<b>19,560</b>	<b>174,870</b>	<b>279,300</b>	<b>5,115,680</b>	<b>48%</b>	<b>55%</b>			
D3: Aquifer Recharge	Priority 1	1,122,030	212,330	7,960	5,580	770	1,030	2,850	4,310	887,200	19%	21%		
	Priority 2	3,310,030	449,750	13,360	19,620	4,220	4,000	10,330	24,250	2,784,500	14%	16%		
	Priority 3	6,133,020	899,160	43,530	46,700	5,680	8,000	48,440	66,900	5,014,610	15%	18%		
	Priority 4	7,555,200	1,288,150	107,280	71,150	7,960	11,470	81,810	116,780	5,870,600	17%	22%		
	Priority 5	6,685,890	1,395,140	111,360	61,520	6,930	8,390	82,320	115,930	4,904,300	21%	27%		
	Priority 6	8,633,890	3,810,280	83,650	55,950	11,300	7,030	73,920	194,540	4,397,220	44%	49%		
<b>Total</b>	<b>33,440,060</b>	<b>8,054,810</b>	<b>367,140</b>	<b>260,520</b>	<b>36,860</b>	<b>39,920</b>	<b>299,670</b>	<b>522,710</b>	<b>23,858,430</b>	<b>24%</b>	<b>29%</b>			
E2: Recreational Trails	Priority 1	4,640	2,500	50	45	75	35	25	170	1,740	54%	63%		
	Priority 2	5,350	1,310	75	85	10	50	90	220	3,510	24%	34%		
	<b>Total</b>	<b>9,990</b>	<b>3,810</b>	<b>125</b>	<b>130</b>	<b>85</b>	<b>85</b>	<b>115</b>	<b>390</b>	<b>5,250</b>	<b>38%</b>	<b>47%</b>		
F1: Archaeological Sites	<i>reported as number of sites<sup>b</sup></i>	<b>34,294</b>	<b>14,657</b>	<b>368</b>	<b>353</b>	<b>104</b>	<b>194</b>	<b>352</b>	<b>887</b>	<b>17,379</b>	<b>43%</b>	<b>49%</b>		

MEASURES			Resource Acres Protected								Percent Protected		
			Baseline	FL Forever Programs as of Sep 2016				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	734,310	55,780	2,820	3,020	50	15,400	13,260	833,460	44%	50%	
	Priority 2	2,234,050	822,170	52,790	11,820	5,750	930	25,500	17,510	1,297,580	37%	42%	
	Priority 3	4,851,800	1,061,050	73,840	60,740	8,470	9,200	62,750	64,010	3,511,740	22%	28%	
	Priority 4	38,920	18,550	510	0	0	90	900	270	18,600	48%	52%	
	Priority 5	4,717,510	244,150	55,680	26,660	4,050	6,260	41,970	89,760	4,248,980	5%	10%	
<b>Total</b>		<b>13,500,380</b>	<b>2,880,230</b>	<b>238,600</b>	<b>102,040</b>	<b>21,290</b>	<b>16,530</b>	<b>146,520</b>	<b>184,810</b>	<b>9,910,360</b>	<b>21%</b>	<b>27%</b>	
H1: Urban Service Areas		<b>5,136,550</b>	<b>156,250</b>	<b>2,410</b>	<b>1,570</b>	<b>490</b>	<b>7,500</b>	<b>7,420</b>	<b>24,020</b>	<b>4,936,890</b>	<b>3%</b>	<b>4%</b>	

B6: Imperiled Species		Number of Imperiled Species Protected							TOTAL <sup>b</sup>	
		Baseline	FL Forever Programs as of Sep 2016				Other Lands			
		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 <sup>c</sup>		14,221	602	175	114	88	358	663	899	15,494
Species with at least 1 occurrence on conservation lands		951	247	99	81	46	150	252	316	974
federal or state endangered		362	112	25	38	12	68	105	137	372
federal or state threatened		99	50	15	12	12	41	55	56	101
state special concern		36	19	10	5	10	12	22	20	36

<sup>b</sup>TOTAL numbers are less than the sum of all programs because numbers may overlap between programs.

<sup>c</sup>An 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.

<sup>d</sup>Analysis is based on the September 2016 version of Florida Managed Areas current through June 2015.