

Annual Land Management Review Team Report

**Florida Department of Environmental Protection
Division of State Lands
Office of Environmental Services**

Fiscal Year 2021-22



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Introduction

INTRODUCTION TO LAND MANAGEMENT REVIEW
TEAM REPORTS AND ANALYSES:
REVIEWS CONDUCTED DURING FISCAL YEAR 2021-22

Section 259.036, Florida Statutes, requires the Board of Trustees (BOT), acting through the Department of Environmental Protection (DEP), to conduct land management reviews of select conservation, preservation and recreation lands titled to the BOT. The team assesses whether those lands are being managed for the purposes for which they were acquired, and whether they are being managed in accordance with their adopted management plans.

The 2003 Florida Legislature amended section 259.036, F.S., to require that all conservation lands greater than 1,000 acres in size be reviewed at least every five years. The properties reviewed were selected from a database of BOT lands based on the following factors: size of the property, land management plan due dates, managing agency, previous land management review date, and geographic location.

Regional review team members were selected in accordance with legislation to include representatives of the following: (1) county or local community in which the parcel is located, (2) Division of Recreation and Parks (DRP), (3) Florida Forest Service (FFS), (4) Florida Fish and Wildlife Conservation Commission (FWC), (5) the DEP regulatory district office, (6) private land manager, (7) local Soil and Water Conservation District board of supervisors or water management district, and (8) a conservation organization.

Participating state agencies, soil and water conservation districts, local governments, and conservation groups have had continual input into the development and ongoing evolution of the review process. The Division of State Lands (DSL) staff is engaged in the process of developing new, more objective methodology for reviewing conservation lands and management plans, while also developing more effective measures to provide uniform accountability. Additionally, DEP coordinates with representatives of the Water Management District (WMD) to integrate land management reviews where WMD lands are adjacent to BOT lands, and when the BOT has joint ownership of parcels with a WMD. Twenty-eight reviews were conducted during Fiscal Year 2021-22, involving more than 658,000 acres of managed lands. Reports of the review team findings were provided to the managing agency and the Acquisition and Restoration Council (ARC). The management activities are scored on a range of 1-5. Applying the criteria that a score of 3.5 and up is considered excellent, a score of 2.5 to 3.49 is

considered adequate, and a score of less than 2.5 is considered inadequate, the management review team provides the following:

- **Public access:** Public access was considered excellent on 27 of the sites visited and considered adequate on one of the sites.
- **Prescribed fire scope:** Prescribed burning is considered an appropriate management tool on 27 of the 28 sites reviewed. On three sites, over 30% of the fire dependent lands had been treated according to prescription. On 23 sites, over 60% of the fire dependent lands had been treated according to prescription. On one site, less than 30% of the fire dependent lands had been treated according to prescription. One site had no fire dependent lands.
- **Prescribed fire frequency:** On 26 of the 27 sites requiring prescribed fire, the teams found the burn frequency adequate or excellent. On one site, the teams found the burn frequency to be inadequate.
- **Fire quality:** On 26 of the 27 sites where prescribed fire has been implemented, the teams found fire quality to be excellent. On one site, the teams found fire quality to be inadequate.
- **Invasive species control:** Control of non-native, invasive species was a management issue on all lands reviewed. Control and maintenance measures were excellent on 27 of the sites reviewed.
- **Surface water quality:** Lands that have significant hydrological resources should be monitored to ensure protection. Seventeen sites had plans that adequately covered testing for degradation of surface waters. Ten sites had no surface water testing needs.
- **Groundwater quality:** Sixteen sites had adequate monitoring for groundwater quality and quantity. Eleven sites had no groundwater monitoring needs.
- **Species protection:** Twenty-seven sites were found to be excellent in actual management practices to protect listed plants and animals on site. The management plans were deemed excellent to ensure protection on 28 sites.
- **Law enforcement:** On 27 sites, law enforcement was adequate or excellent to protect the resources, and one site demonstrated a need for improvements in law enforcement.
- **Public education and outreach:** Twenty-seven sites demonstrated adequate or excellent public education and outreach programs.

Many of the management challenges noted in the findings may be directly related to the following:

- **Staffing Levels:** On three sites the teams found that staffing levels were less than adequate to protect the resources, while on 24 sites the staffing levels were adequate or excellent.

- **Funding Levels:** On 26 sites the teams found funding levels were adequate or excellent for proper management of resources, while on two sites funding levels were less than what the review team thought was needed for proper management.
- **Equipment:** On 28 sites the team found adequate or excellent equipment to properly manage the property.

Pursuant to section 259.036, F.S., if the land management review team determines that (1) reviewed lands are not being managed for purposes compatible with conservation, preservation, or recreation, or (2) actual management practices, including public access, were not found to be in compliance with the adopted management plan, DEP shall provide the review findings to the BOT. The managing agency must then report to the BOT its reasons for managing the lands as it has.

All properties reviewed were found to be managed for purposes compatible with conservation, preservation, or recreation; and actual management practices, including public access, were found to be in compliance with the adopted management plans.

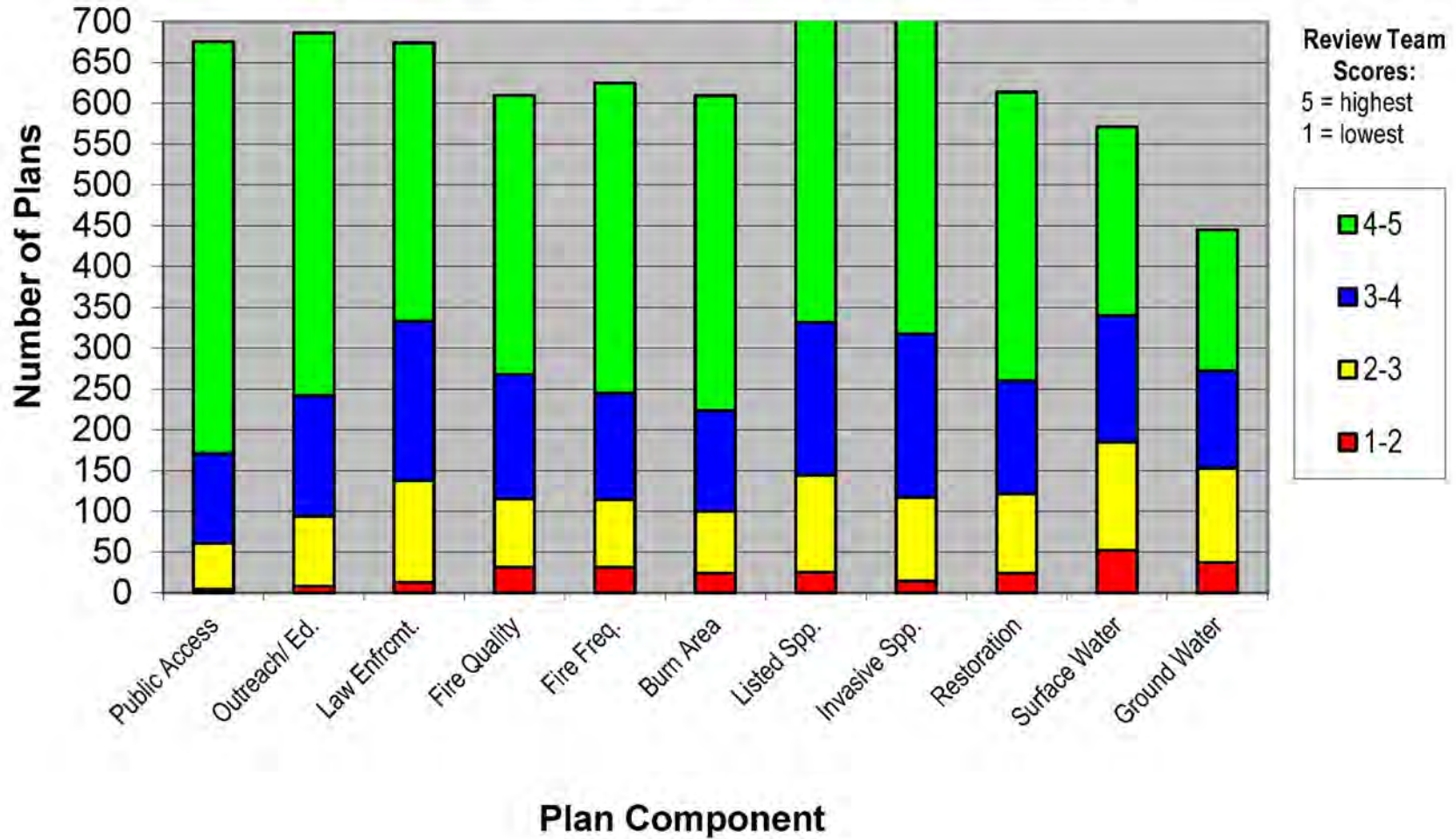
Reports of the management review team findings have been provided to the managing agency for their review and response, and to the ARC. Evaluations of management plans and management activities in the field over the last 25 years are presented here in addition to the review team reports.

Acronyms

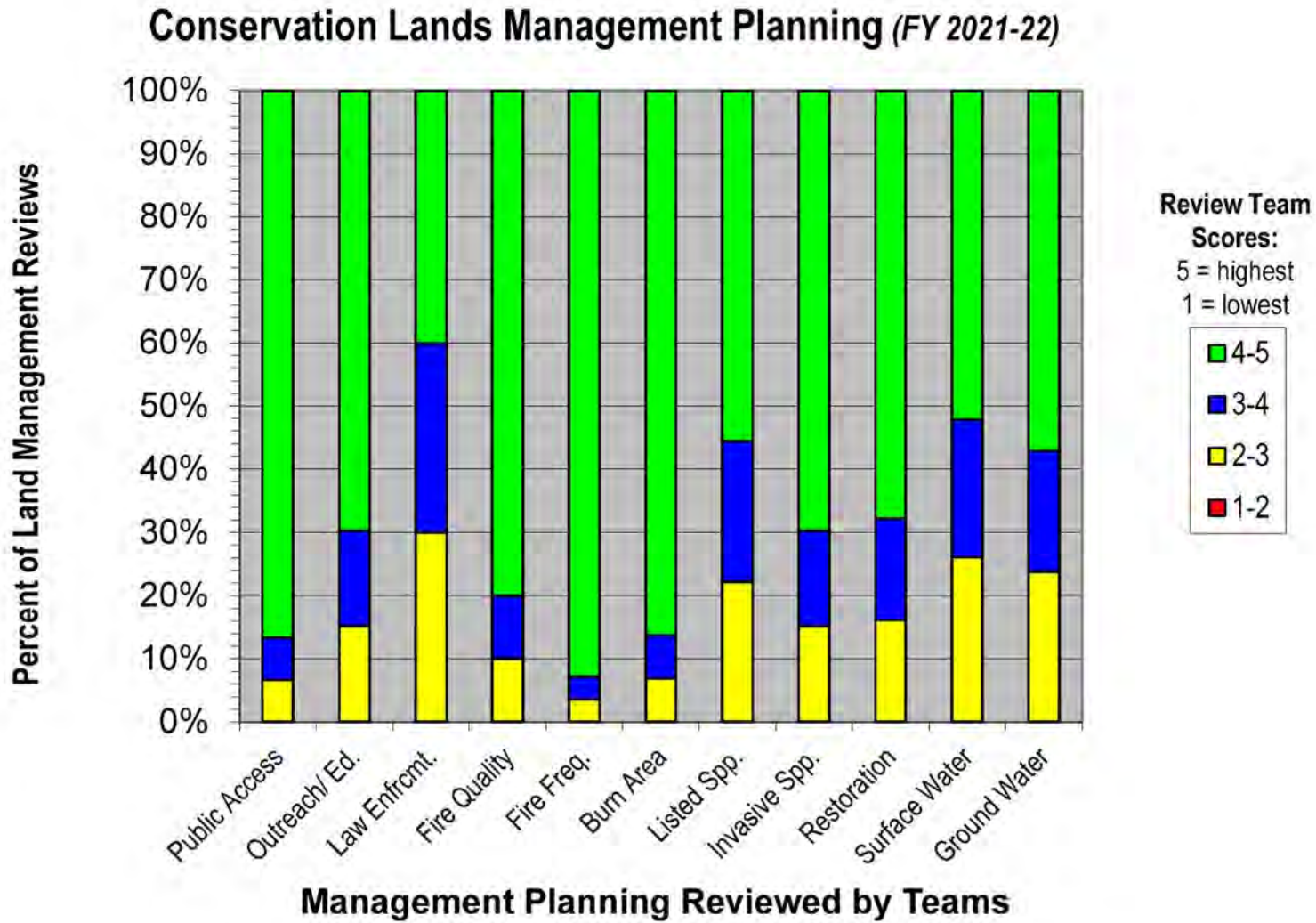
ACOE	US Army Corps of Engineers
ARC	Acquisition and Restoration Council
BOT	Board of Trustees
CSO	Citizen Support Organization
DEP	Florida Department of Environmental Protection
DHR	Division of Historical Resources, Department of State
DOT	Florida Department of Transportation
DRP	Division of Recreation and Parks, Florida Department of Environmental Protection
DSL	Division of State Lands, Florida Department of Environmental Protection
FFS	Florida Forest Service, Florida Department of Agriculture and Consumer Services
FNAI	Florida Natural Areas Inventory
FNPS	Florida Native Plant Society
FWC	Florida Fish and Wildlife Conservation Commission
IPM	Invasive Plant Management Section, Florida Fish and Wildlife Conservation Commission
NERR	National Estuarine Research Reserve
OES	Office of Environmental Services, Division of State Lands
RCP	Office of Resiliency and Coastal Protection, Florida Department of Environmental Protection
SF	State Forest
SP	State Park
WEA	Wildlife and Environmental Area
WMA	Wildlife Management Area
WMD	Water Management District

Management Planning

Management Planning (Fiscal Years 1997-2022)

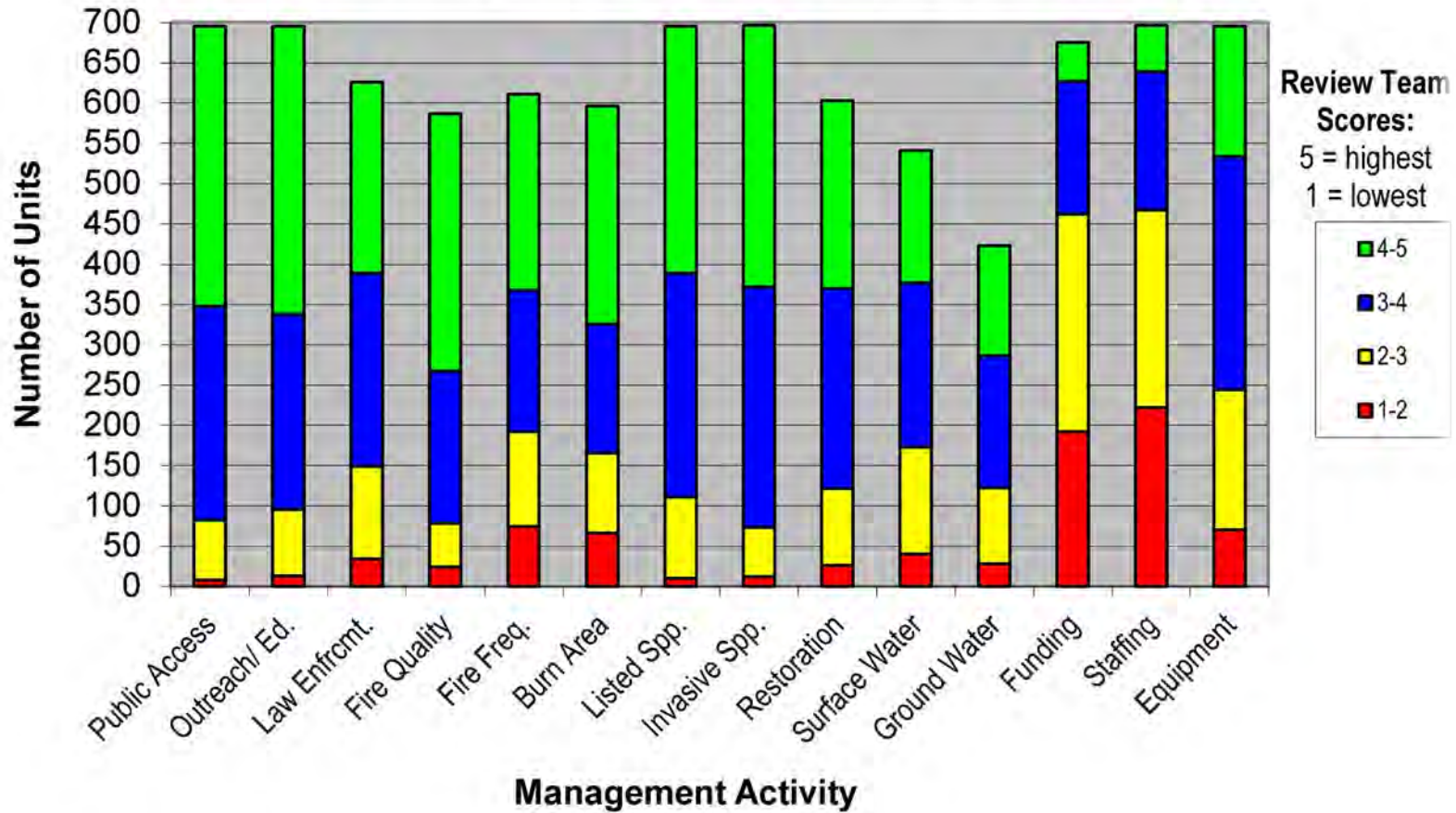


Conservation Lands Management Planning



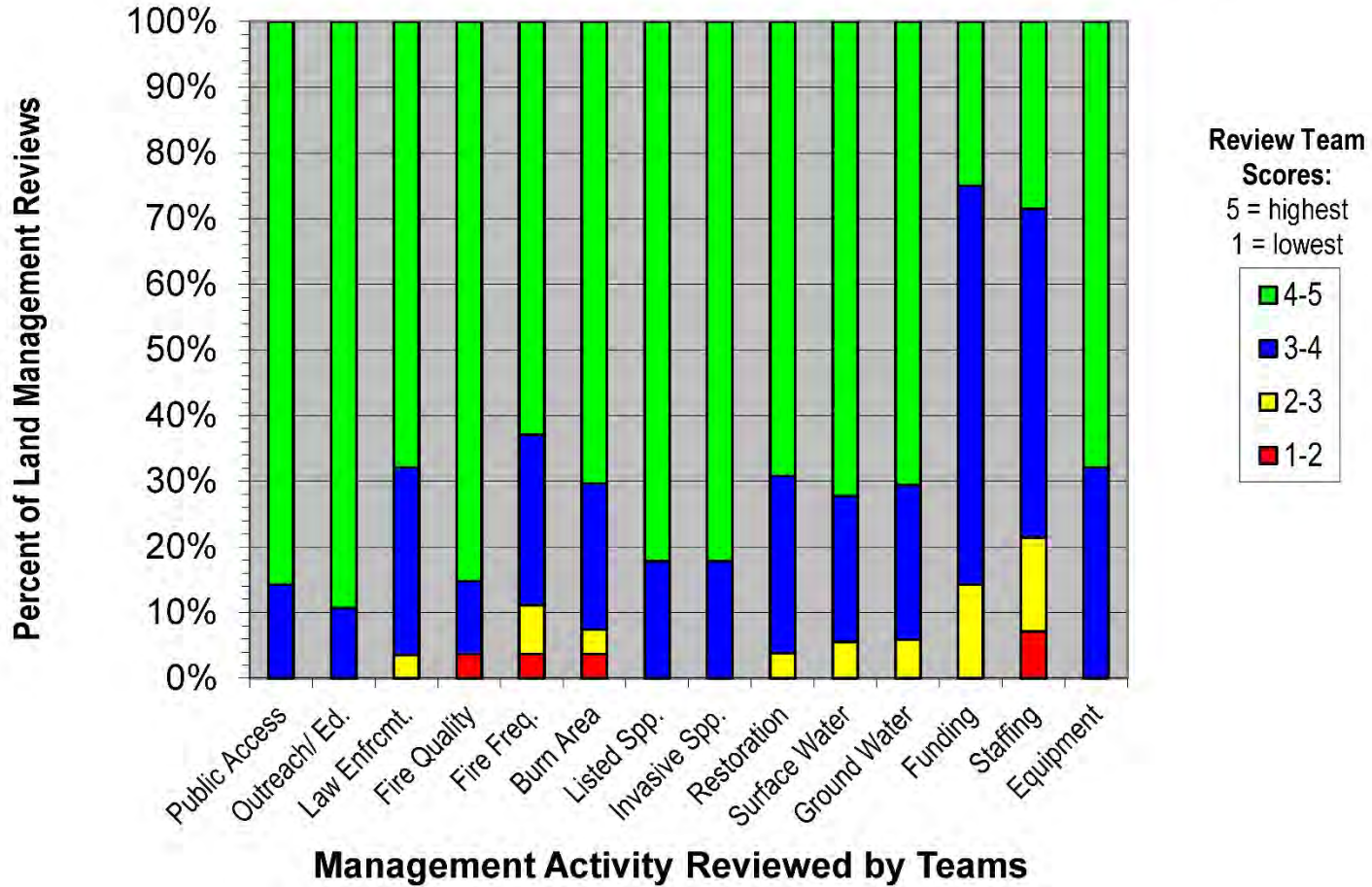
Management Implementation

Management Implementation (Fiscal Years 1997-2022)



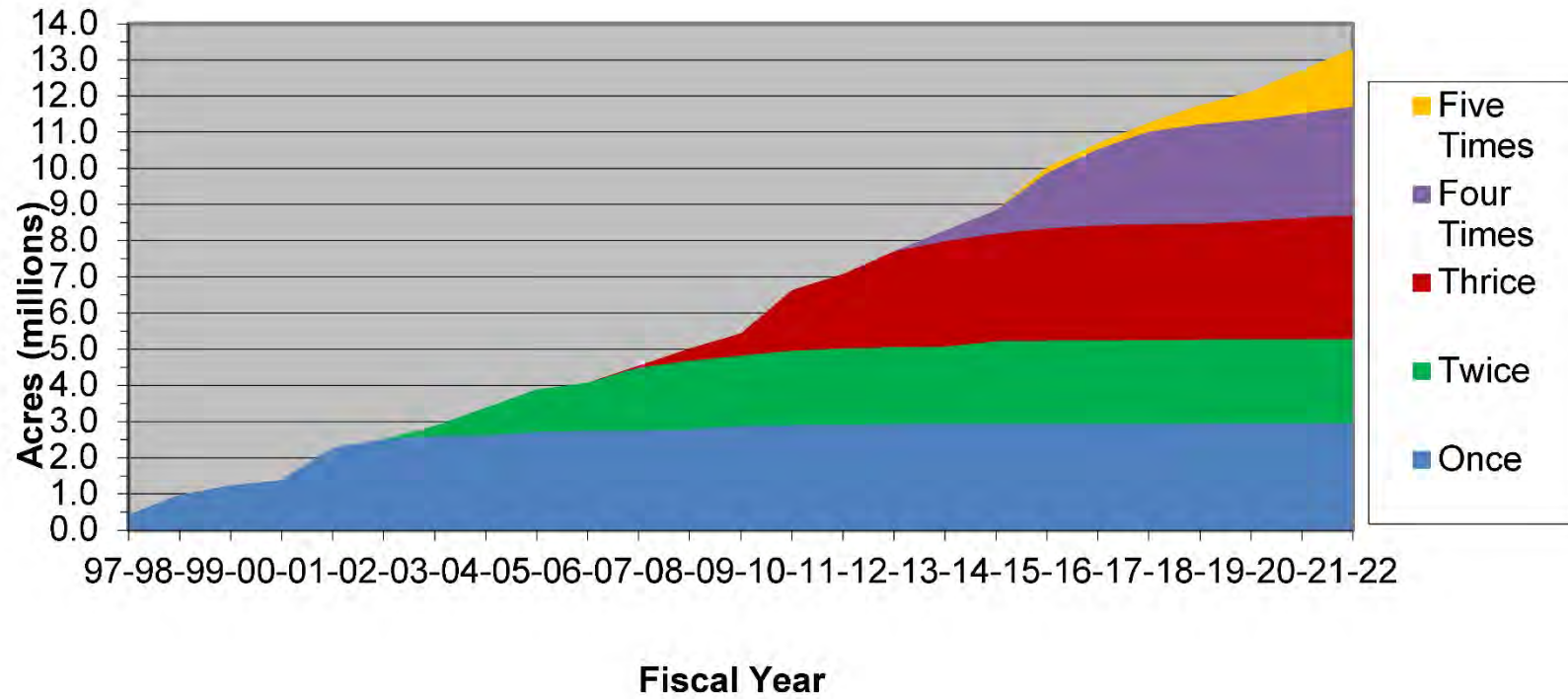
Conservation Lands Management Implementation

Conservation Lands Management Implementation (FY 2021-22)



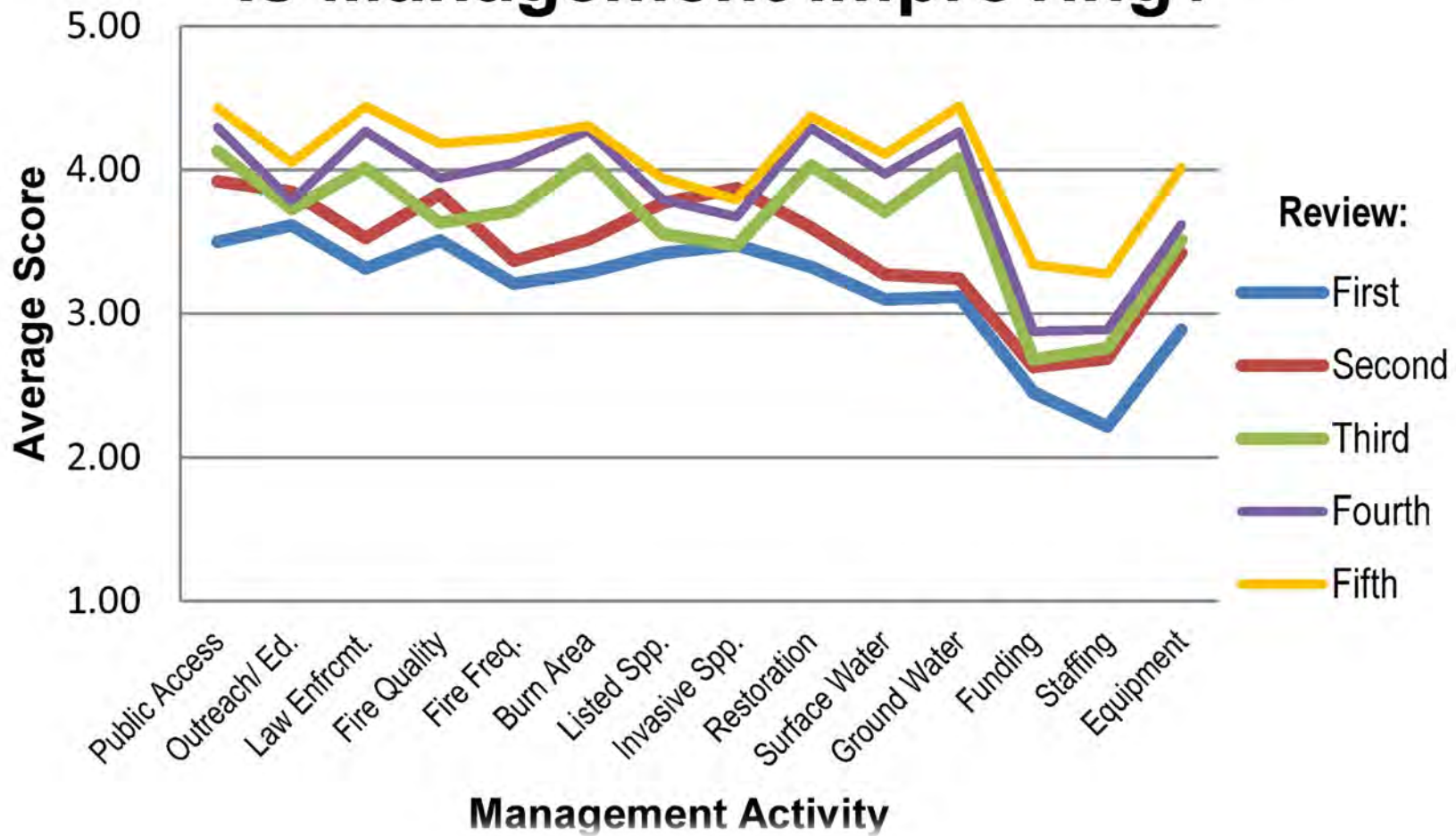
Cumulative Acreage Reviewed

Cumulative Acreage Reviewed

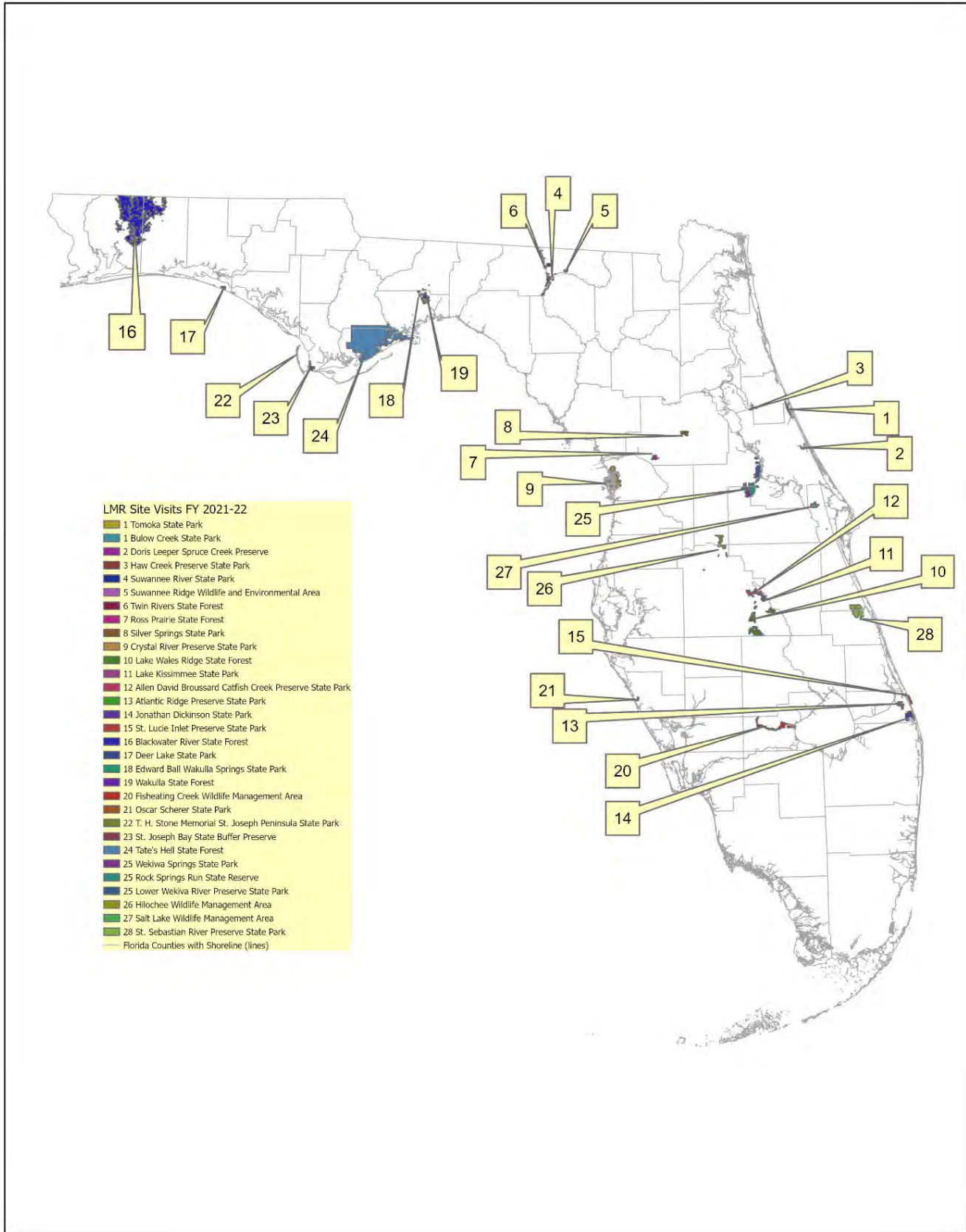


Effect of Management

Is Management Improving?



Overview of LMR site locations



Tomoka Basin State Parks

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 7,206

County: Volusia

Purpose(s) for Acquisition: To provide resource-based public outdoor recreation and other park related uses

Acquisition Program(s): N/A

Original Acquisition Date: 6/11/37

Area Reviewed: Entire Property

Last Management Plan Approval Date: 8/20/12

Review Date: 7/22/21

Agency Manager and Key Staff:

- Phil Rand, Manager

Review Team Members (voting)

- Alice Bard, DRP District
- Nick Dunnam, Local Gov't.
- Samantha Cobble, FWC
- Keri Armstrong, DEP District

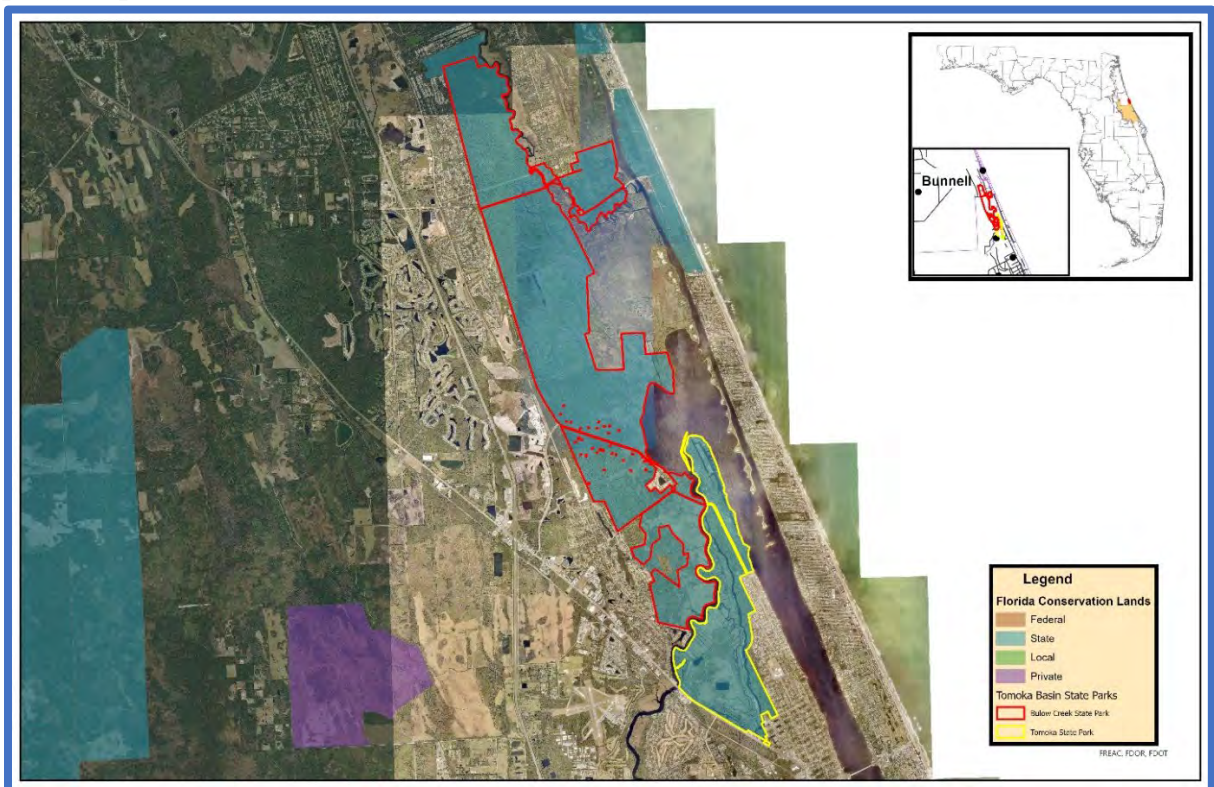
- Mike Edwards, FFS
- Sandy Oxenrider, SJRWMD
- Paul Rebman, Conservation Org.
- Chris Schlageter, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

- Ashley Hurley, RCP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 8, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 8, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Table 1: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.71	4.68
Prescribed Fire / Habitat Restoration	4.68	4.63
Hydrology	4.06	4.46
Imperiled Species	4.41	4.35
Exotic / Invasive Species	4.62	4.48
Cultural Resources	4.88	5.00
Public Access / Education / Law Enforcement	4.54	4.56
Infrastructure / Equipment / Staffing	4.31	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff for the active pursuit of locating and preserving cultural resources in the parks. (8+, 0-)
2. The team commends park staff and other parties involved on the shoreline restoration at Tomoka Point. (7+, 0-)
3. The team commends the park staff efforts to purchase the Ford’s properties to add to Bulow Creek State Park. (7+, 0-)
4. The team commends staff for their proactive invasive species management, i.e., biological control of Brazilian pepper and hog control. (7+, 0-)
5. The team commends park staff for rollerchopping and burning project at Johns Island. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically baygall, basin swamp, depression marsh, hydric hammock, maritime hammock, mesic hammock, mesic flatwoods, marsh lake, salt marsh, scrubby flatwoods, shell mound, slough, seepage slope, seepage stream, upland hardwood forest, wet flatwoods, and xeric hammock.**
2. **Listed species, listed animal and plant species in general, and specifically gopher tortoise, coastal mock vervain, and toothed spleenwort.**

3. **Natural resources survey/monitoring resources, specifically fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically salt marsh restoration (dragline ditch) and living shoreline restoration.**
7. **Forest management, specifically timber inventory, timber harvesting.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, ditches, hydro-period alteration and erosion.**
10. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
11. **Adjacent property concerns, specifically inholdings and additions.**
12. **Public access, specifically roads, parking and boat access.**
13. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
14. **Management resources, specifically waste disposal, sanitary facilities, buildings, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Managed Area Uses, Proposed Uses, specifically Bulow Creek Group Camp (Crabby Hole), received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: During the LMR review, the team noted that since the proposed area is subject to flooding, there was a potential for disturbance to cultural resources. Because of this, the team asked DRP to re-evaluate the location of the proposed group camp and consider another area. The Division will consider these recommendations during the next unit management plan.

Doris Leeper Spruce Creek Preserve

Managed by: Volusia County

Acres: 2,489.22

County: Volusia

Purpose(s) for Acquisition: To protect one of the largest undeveloped tracts in the region, help maintain water quality of the adjacent creeks and bays, and provide protection to important historical resources, including portions of the Andrew Turnbull plantation.

Acquisition Program(s): CARL/Florida Forever

Area Reviewed: Entire Property

Original Acquisition Date: 1980

Last Management Plan Approval Date: 7/31/12

Review Date: 8/4/21

Agency Manager and Key Staff:

- Nick Dunnam, Manager

- Cindy Venuti

Review Team Members (voting)

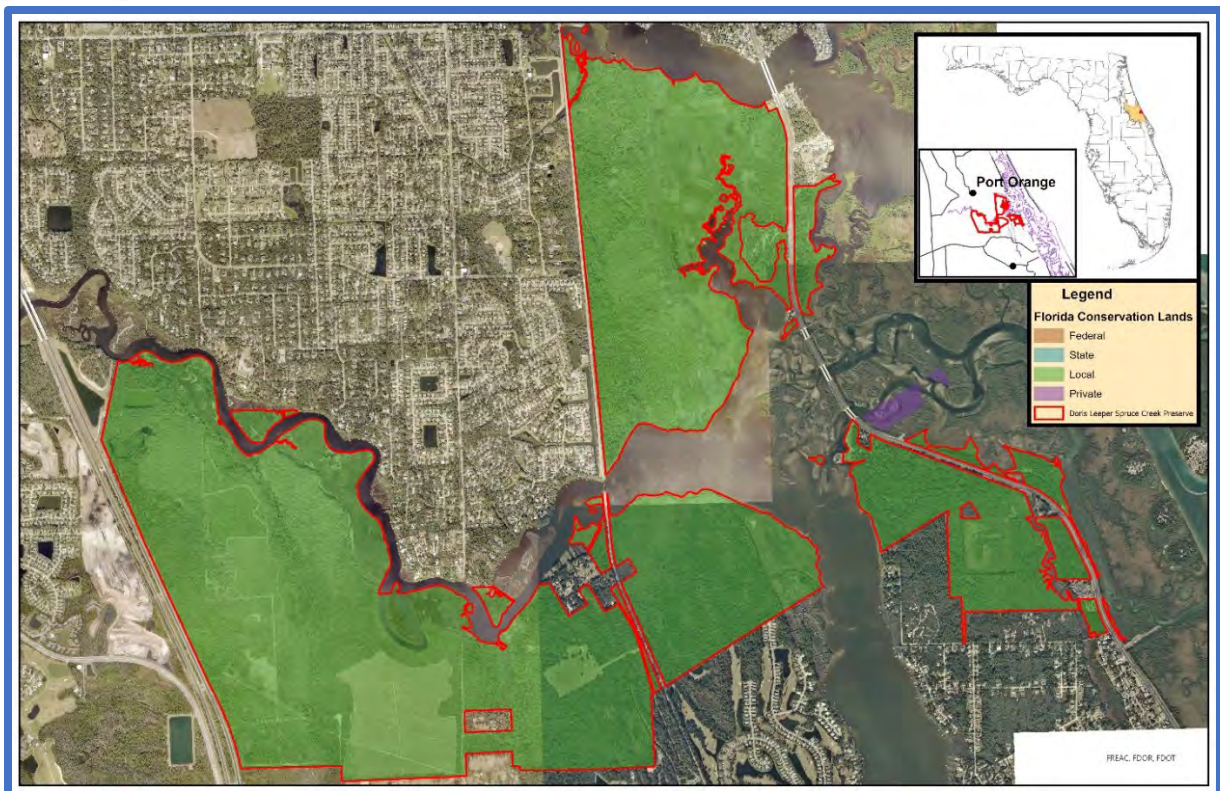
- Mark Romagosa, DRP District
- Crystal Morris, Local Gov't.
- Lauren Akins, FWC
- Rain Yates, DEP District

- Mike Edwards, FFS
- Amanda Lee, SJRWMD
- Sonya Guidry, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff for the efforts made on scrub restoration using roller chopping and prescribed burns. (7+, 0-)
2. The team commends staff for working with recreational groups while working to restore habitats. (7+, 0-)
3. The team commends staff for using Survey123 for wildlife monitoring, incorporating it into public participation, and GIS database maintenance. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that regular spraying of the Art Center boundary fence to prevent further vine/vegetation encroachment. (7+, 0-)

Managing Agency Response: The boundary fence area will be added to the spraying schedule.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic hammock, scrub, mesic/wet flatwoods, scrubby flatwoods, maritime hammock, wet prairie, coastal hydric hammock, bottomland forest, salt marsh, mangrove swamp and blackwater stream.**
2. **Listed species, listed animal and plant species in general, and specifically scrub jay, gopher tortoise, bald eagle, Atlantic salt marsh snake, and eastern indigo snake.**

Table 2: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.66	4.56
Prescribed Fire / Habitat Restoration	4.18	4.64
Hydrology	4.04	4.14
Imperiled Species	4.42	4.50
Exotic / Invasive Species	4.19	4.31
Cultural Resources	4.57	4.57
Public Access / Education / Law Enforcement	4.76	4.44
Infrastructure / Equipment / Staffing	4.69	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically scrub/scrubby flatwoods.**
7. **Forest management, specifically timber inventory.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants and animals, and control of pests/pathogens.**
9. **Hydro-alteration, specifically roads/culverts and ditches.**
10. **Surface water monitoring, specifically quantity.**
11. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
12. **Adjacent property concerns, specifically residential development.**
13. **Public access, specifically parking and boat access.**
14. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
15. **Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Haw Creek Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 3,061

County: Flagler, Volusia and Putnam

Purpose(s) for Acquisition: The Board of Trustees acquired Haw Creek Preserve State Park to preserve, maintain, and enhance the integrity and character of the ecosystem of the property for use as wildlife and waterfowl area and for compatible non-consumptive recreational use and nature appreciation.

Acquisition Program(s): CARL/P2000/Florida Forever

Original Acquisition Date: 12/2/76

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/16/16

Review Date: 8/6/21

Agency Manager and Key Staff:

- Phil Rand, Manager

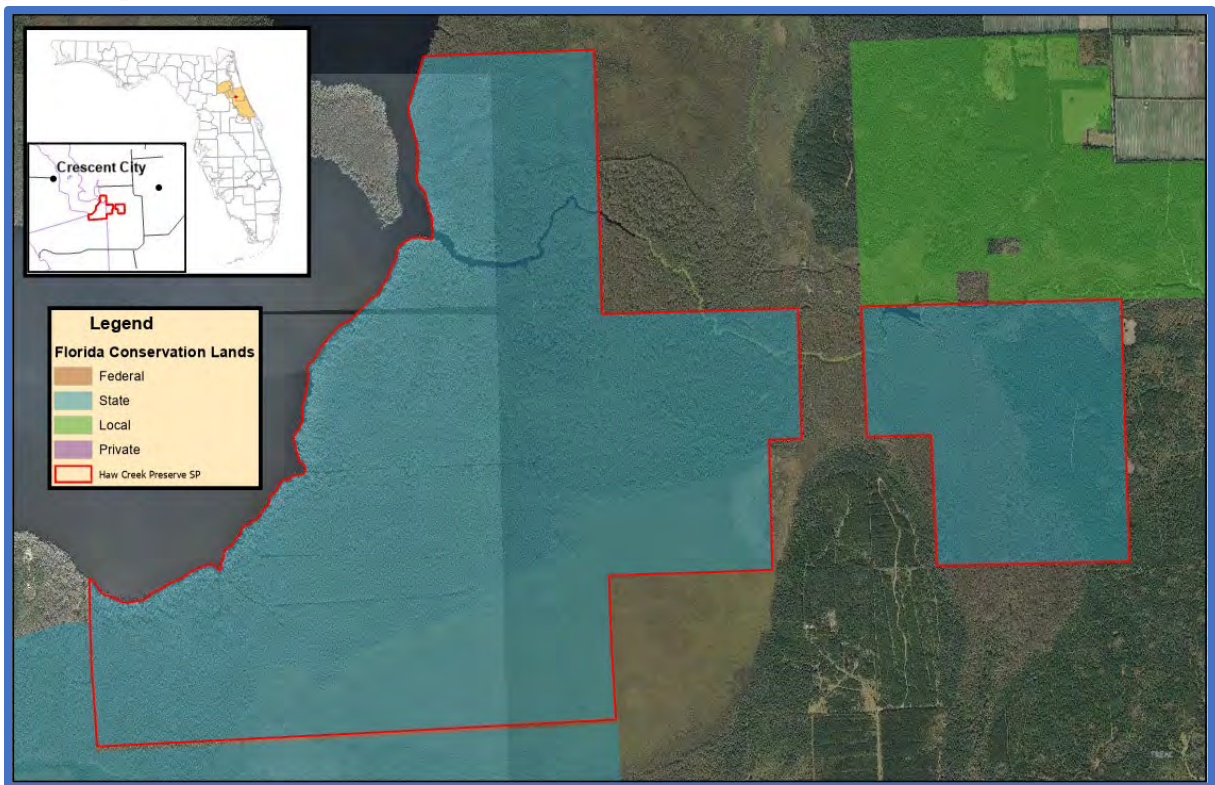
Review Team Members (voting)

- Alice Bard, DRP District
- Robert Detherow, Local Gov't.
- Anna Deyle, FWC
- Jessica Sherman, DEP District
- Mike Edwards, FFS
- Sandy Oxenrider, SJRWMD
- Paul Rebmann, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Rain Yates, DEP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff on efforts made to restore the mesic flatwoods using a timber thinning. (7+, 0-)
2. The team commends the staff for their ongoing efforts to survey for exotic plants and animals and treatment of exotic plant species. (7+, 0-)
3. The team commends staff for utilizing private contractors to conduct resource management activities at this park, specifically timber harvesting and fireline preparation. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that DEP staff continue to work in acquiring legal access over Haw Creek Preserve State Park. (7+, 0-)

Managing Agency Response: Agree. DEP staff have had several meetings with the adjacent landowners about the need for a land-based access to the eastern upland portions of the property. Several landowners would need to grant access in order for the park to have a viable access route. Discussions are ongoing.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic hammock, hydric hammock, floodplain swamp, blackwater stream, and depression marsh.**
2. **Listed species, listed plant species in general, and specifically bromeliads.**

Table 3: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.29	4.67
Prescribed Fire / Habitat Restoration	2.51	4.43
Hydrology	3.71	4.00
Imperiled Species	3.90	4.13
Exotic / Invasive Species	4.06	4.07
Cultural Resources	4.07	4.43
Public Access / Education / Law Enforcement	2.91	3.78
Infrastructure / Equipment / Staffing	3.19	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

3. **Natural resources survey/monitoring resources, specifically invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Forest management, specifically timber inventory, and timber harvesting, reforestation/afforestation and site preparation.**
6. **Non-native, invasive, and problem species, specifically prevention and control of plants, and pests/pathogens.**
7. **Surface water monitoring, specifically quality.**
8. **Resource protection, specifically boundary survey.**
9. **Public access, specifically water access.**
10. **Management resources, specifically equipment.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Resource Management, Prescribed Fire, specifically area being burned, frequency, and quality, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, to what degree prescribed fire is accomplished according to the objectives for prescribed fire management. The scores range from 1 to 5, with 1 being 0-20% accomplished, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: Agree. One of the major resource management goals of the current unit management plan is to prepare management zones for prescribed fire. This work involved reducing the density of overstory trees (via timber removal) and the creation of fire lines where none previously existed. Both of these tasks have recently been completed. The next step is to apply prescribed fire and to evaluate the results of those burns. This information will be included in the next unit management plan.

2. **Resource Protection, specifically gates and fencing, signage, and law enforcement presence, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether resources are sufficient to protect the property.**

Managing Agency Response: Additional law enforcement will be requested by the park as needed and is contingent on available resources. Supplemental signage, fencing and protection will be added when upland portions of the property are made accessible. These Resource Protection measures are addressed in the current management plan.

3. **Adjacent Property Concerns, specifically legal access, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether adjacent property concerns are sufficiently addressed.**

Managing Agency Response: The Department is working with the adjacent property owners to determine if a legal access point is possible. More than one property owner would need to agree in order to provide one continuous easement to the Park.

- 4. Public Access & Education, specifically land-based access, and interpretive facilities and signs received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether public access & education are sufficient.**

Managing Agency Response: Agree. As stated in the current plan, the park continues to have no land based access to the uplands that allows for interpretive facilities. Once legal access is granted, interpretive facilities and signage can be added.

- 5. Management Resources, specifically staff, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management needs. Any deemed increase in Division Budget/staffing will follow the established legislative budget request process.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

- 1. Managed Area Uses, Proposed Uses, specifically platform camping, received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: During the field review, the LMR team discussed some problems that might arise if platform camping was installed in the Park along the river. It was recommended that DRP reconsider or re-evaluate this proposed use when it comes time to install the platforms. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC. The Division will consider these recommendations during the next unit management plan revision.

Suwannee River State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 1,929

County: Suwannee, Madison, Hamilton

Purpose(s) for Acquisition: Public outdoor recreation and conservation.

Acquisition Program(s): N/A

Original Acquisition Date: 11/6/45

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/19/16

Review Date: 8/31/21

Agency Manager and Key Staff:

- Matthew Phifer, Manager

Review Team Members (voting)

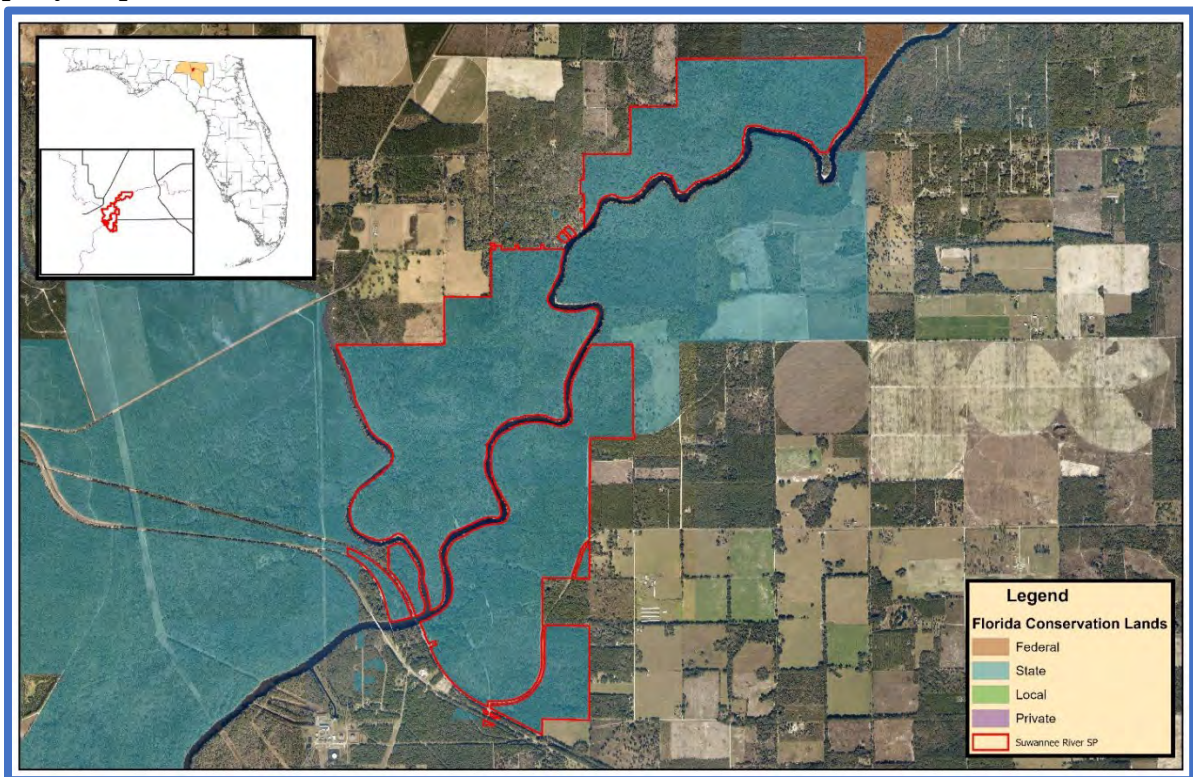
- Rick Owen, DRP District
- Local Gov't., None
- Scotland Talley, FWC
- Taylor Parks, DEP District

- Shelly Wayte, FFS
- Edwin McCook, SRWMD
- Michael Bubb, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Division of Recreation and Parks (DRP) for their efforts in managing invasive vegetation. (5+, 0-)
2. The team commends staff for providing excellent recreational opportunities, camping, hiking, etc. (5+, 0-)
3. The team commends staff for cooperating with the SRWMD on the monitoring of water quality and quantity at the park. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that park staff continue to maintain areas in the appropriate fire return interval and expand into areas where fire return interval needs improvement. (5+, 0-)

Managing Agency Response: Agree. The park will continue to use prescribed fire and strive for the appropriate Fire Return Interval for all management zones.

2. The team recommends that Florida Park Service continue to remove larger hardwoods to allow sunlight to enter successional hardwood forest areas. (5+, 0-)

Managing Agency Response: Agree. The Park and District 2 staff will prioritize management zones in need of mechanical treatment, and work to improve habitat by reducing offsite hardwoods.

Table 4: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.49	4.65
Prescribed Fire / Habitat Restoration	3.86	4.48
Hydrology	4.90	4.88
Imperiled Species	4.50	4.67
Exotic / Invasive Species	4.67	5.00
Cultural Resources	4.58	4.75
Public Access / Education / Law Enforcement	4.62	4.75
Infrastructure / Equipment / Staffing	4.47	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic hammock, sandhill, sinkhole, upland hardwood forest, alluvial forest, bottomland forest, floodplain swamp, sinkhole lake, alluvial stream, blackwater stream, spring-run stream and aquatic cave.**
2. **Listed species, listed animal and plant species in general, and specifically Florida mountain mint.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically quality.**
6. **Restoration, specifically Zone 6A and 1B hardwood treatment.**
7. **Forest management, specifically timber inventory, and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, and dams, reservoirs or other impoundments.**
10. **Ground Water Monitoring, specifically quality, and quantity.**
11. **Surface Water Monitoring, specifically quality, and quantity.**
12. **Resource protection, specifically boundary survey, gates and fencing, and law enforcement presence.**
13. **Adjacent property concerns, specifically inholdings and additions.**
14. **Public access, specifically roads, parking, and boat access.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
16. **Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Adjacent Property Concerns, specifically discussion of potential surplus land determination, and surplus lands identified received below average scores. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Adjacent property concerns including discussion of potential surplus land determination will be more thoroughly addressed in the next management plan update. The current plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

Suwannee Ridge Wildlife and Environmental Area

Managed by: Florida Fish and Wildlife Conservation Commission

Acres: 1,429

County: Hamilton

Purpose(s) for Acquisition: Restore and conserve optimum habitat for rare and imperiled wildlife populations, principally, the gopher tortoise and associated species, and to provide compatible fish and wildlife based public outdoor recreation, environmental education and research opportunities.

Acquisition Program(s): Fish & Wildlife Habitat

Original Acquisition Date: 6/26/02

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/23/15

Review Date: 9/1/21

Agency Manager and Key Staff:

- Matthew Barker, Manager
- Rebecca Doane
- Scott Johns, District Biologist
- Ash Ehlers

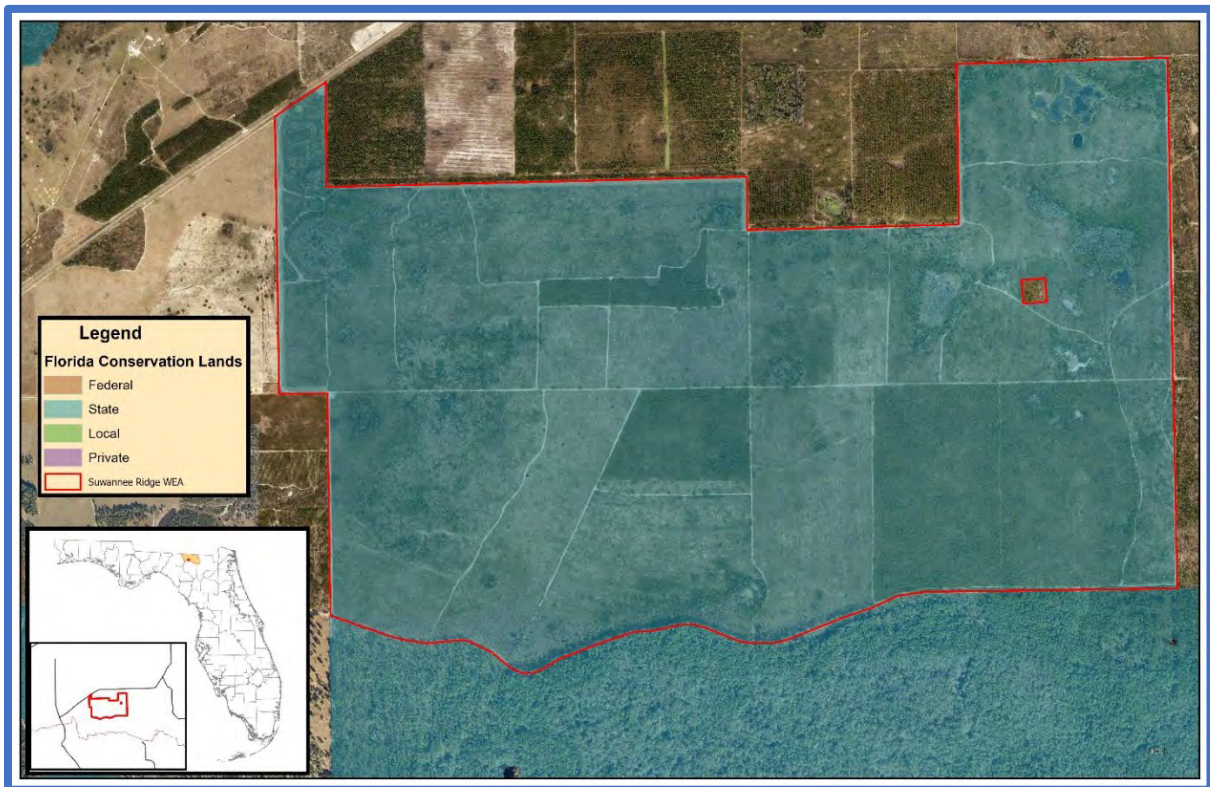
Review Team Members (voting)

- Keith Morin, DRP District
- Local Gov't., None
- Scotland Talley, FWC
- Jason Neumann, DEP District
- Shelly Wayte, FFS
- Steven Carpenter, SRWMD
- Walter Bryant, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff on increasing the amount of prescribed fire in this cycle and integrating prescribed fire into the overall sandhill restoration strategy. (6+, 0-)
2. The team commends the staff for working with partners to provide mobility-impaired limited hunting opportunities. (6+, 0-)
3. The team commends the staff for efforts in completing the timber inventory of the property. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that before the next management plan to determine how much of the sandhill area is actually upland pine desired future condition and how much of the mesic hammock is upland mixed forest desired future condition through FNAI survey, soil typing and other means. (6+, 0-)

Managing Agency Response: Currently, the FWC contracts through the Florida Natural Area’s Inventory (FNAI) for natural community mapping and recertification. Natural community recertification is currently expected to occur in fiscal year 2023/2024 for the Suwannee Ridge Wildlife and Environmental Area (SRWEA). During this process FNAI confirms current natural and altered communities on the area, as well as determining communities that have the potential to occur on the area through habitat restoration and improvement activities. At that time, FWC staff will work with FNAI to determine the extent of upland pine and upland mixed forest communities that is currently on the area or have the potential to occur on the SRWEA. Upon completion of FNAI’s recertification, FWC’s databases

Table 5: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.70	4.67
Prescribed Fire / Habitat Restoration	4.78	4.89
Hydrology	4.44	4.22
Imperiled Species	4.92	4.70
Exotic / Invasive Species	4.72	4.64
Cultural Resources	4.58	4.50
Public Access / Education / Law Enforcement	4.54	4.50
Infrastructure / Equipment / Staffing	4.40	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

will be updated and any new information will be incorporated in the SRWEA Management Plan, which is currently scheduled to be updated in 2024.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

- 1. Natural communities, specifically depression marsh, dome swamp, mesic hammock, sinkhole, upland hardwood forest, and wet flatwoods.**
- 2. Listed species, listed animal and plant species in general, and specifically gopher tortoise.**
- 3. Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
- 4. Cultural resources, specifically cultural resource survey, and protection and preservation.**
- 5. Prescribed fire, specifically area being burned, frequency and quality.**
- 6. Restoration, specifically sandhill restoration.**
- 7. Forest management, specifically timber inventory, and timber harvesting.**
- 8. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
- 9. Hydro-alteration, specifically roads and culverts.**
- 10. Ground Water Monitoring, specifically quality, and quantity.**
- 11. Surface Water Monitoring, specifically quality, and quantity.**
- 12. Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
- 13. Adjacent property concerns, specifically inholdings and additions.**
- 14. Public access, specifically roads, and parking.**
- 15. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
- 16. Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Twin Rivers State Forest

Managed by: Department of Agriculture and Consumer Services, Florida Forest Service

Acres: 2,680 (TIITF)

County: Hamilton & Madison

Purpose(s) for Acquisition:

Acquisition Program(s): CARL/Florida Forever

Original Acquisition Date: 5/22/94

Area Reviewed: Blue Springs Longleaf, Damascus, Hardee Springs

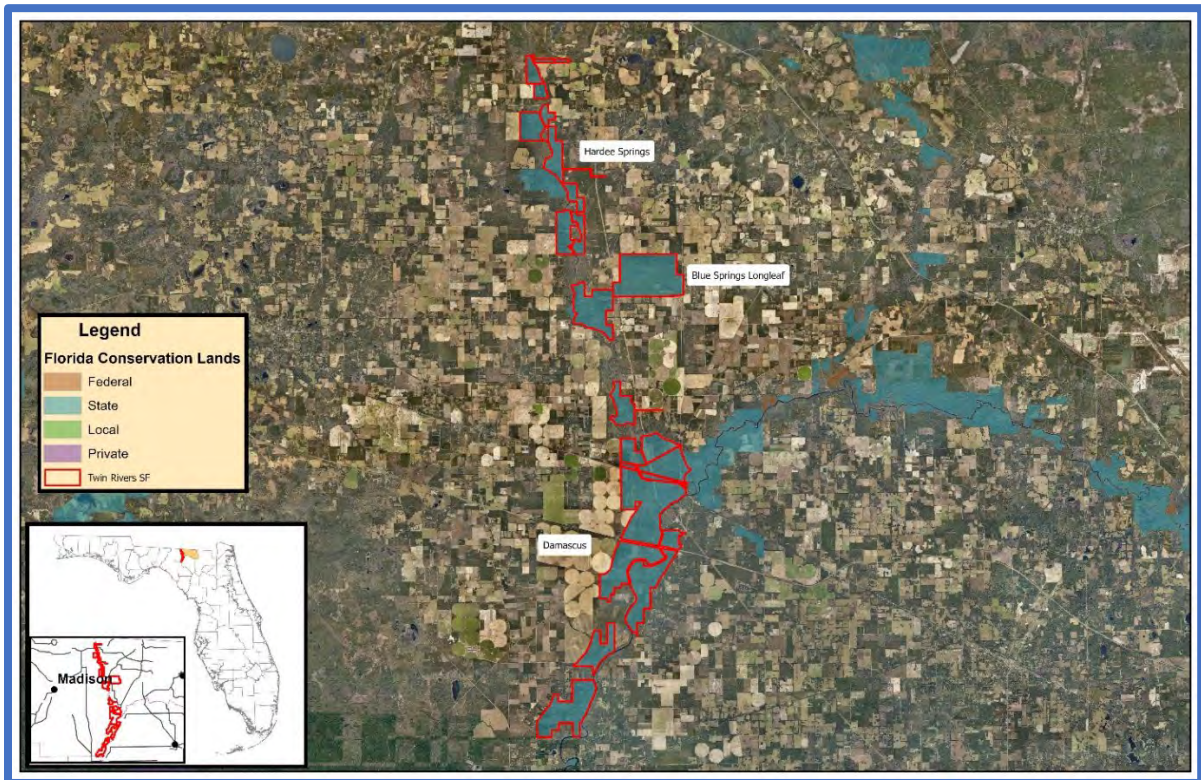
Last Management Plan Approval Date: 4/22/16

Review Date: 9/3/21

Agency Manager and Key Staff:

- Brad Ellis, Manager
- Glenn Davis, Center Manager
- Anne Barkdoll, DRP District
- Jason Love, FFS
- Local Gov't., None
- Bill McKinstry, SRWMD
- Scotland Talley, FWC
- Walter Bryant, Conservation Org.
- Steven Krupka, DEP District
- Private Land Manager, None
- Keith Singleton, DEP/DSL
- James Parker, DEP/DSL
- Chris Boever, FWC/IPM

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the FFS for working quickly to establish longleaf pines in harvested areas to start the restoration process and introduce prescribed fire to the Damascus tract and Hardee Springs tract. (6+, 0-)
2. The team commends FFS for identifying the need and obtaining funding to treat invasive non-native plants on the Hardee Springs tract. (6+, 0-)
3. The team commends FFS for implementing a thinning harvest designed to retain the natural structure of the stand, while promoting forest health and regeneration. (6+, 0-)
4. The team commends FFS for the prescribed fire program and the timing of fire return intervals. (5+, 0-)
5. The team commends FFS for hiring staff to control invasive plants. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that FFS develop a strategy to minimize the spread and begin treating infestations of sweet tanglehead (*Heteropogon contortus*) on all tracts. (6+, 0-)

Managing Agency Response: The FFS has begun treating sweet tanglehead on the state forest and will continue to monitor and treat infestations as feasible with existing resources and available funding. The FFS will seek outside resource funding to control infestations that are beyond the control capability of TRSF staff. The FFS already has a strategy for minimizing the spread of sweet tanglehead and other invasive plants during silvicultural operations on the state

Table 6: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.70	4.65
Prescribed Fire / Habitat Restoration	4.57	4.36
Hydrology	4.50	4.50
Imperiled Species	4.25	3.83
Exotic / Invasive Species	4.44	4.44
Cultural Resources	4.53	4.33
Public Access / Education / Law Enforcement	4.64	4.68
Infrastructure / Equipment / Staffing	3.94	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

forest. The FFS will implement a strategy to minimize the spread of sweet tanglehead for all in-house forest operations such as woods roads mowing and firebreak maintenance.

2. The team recommends that FFS seeks funding to address management needs that were previously met by inmate labor crews that are no longer available. (6+, 0-)

Managing Agency Response: The FFS has requested additional funding from the Suwannee River Water Management District to support an OPS position to assist with the management needs previously met by the inmate labor crew and DOC supervisor.

3. The team recommends initiating native groundcover restoration in pinelands needing native groundcover. (4+, 0-, 1 abstain)

Managing Agency Response: The FFS will explore the feasibility of initiating native groundcover restoration in existing planted pine stands, as these are the ones most in need, once at least an initial thinning has taken place. Funding availability will dictate the extent of restoration work feasible on a case by case basis.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically upland pine, bottomland forest and sinkhole.**
2. **Listed species, listed animal and plant species in general.**
3. **Natural resources survey/monitoring resources, specifically other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically upland pine Damascus, and upland pine Blue Springs.**
7. **Forest management, specifically timber inventory, timber harvesting, reforestation/afforestation and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts.**
10. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
11. **Adjacent property concerns, specifically inholdings and additions.**
12. **Public access, specifically roads, parking, and boat access.**
13. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
14. **Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Ross Prairie State Forest

Managed by: Department of Agriculture and Consumer Services, Florida Forest Service

Acres: 3,531

County: Marion

Purpose(s) for Acquisition:

Acquisition Program(s): CARL

Area Reviewed: Entire Property

Original Acquisition Date: 3/22/07

Last Management Plan Approval Date: 8/18/19

Review Date: 9/14/21

Agency Manager and Key Staff:

- Justin Kilcrease, Manager
- Stephen Montgomery
- Charlie Pedersen, District Biologist

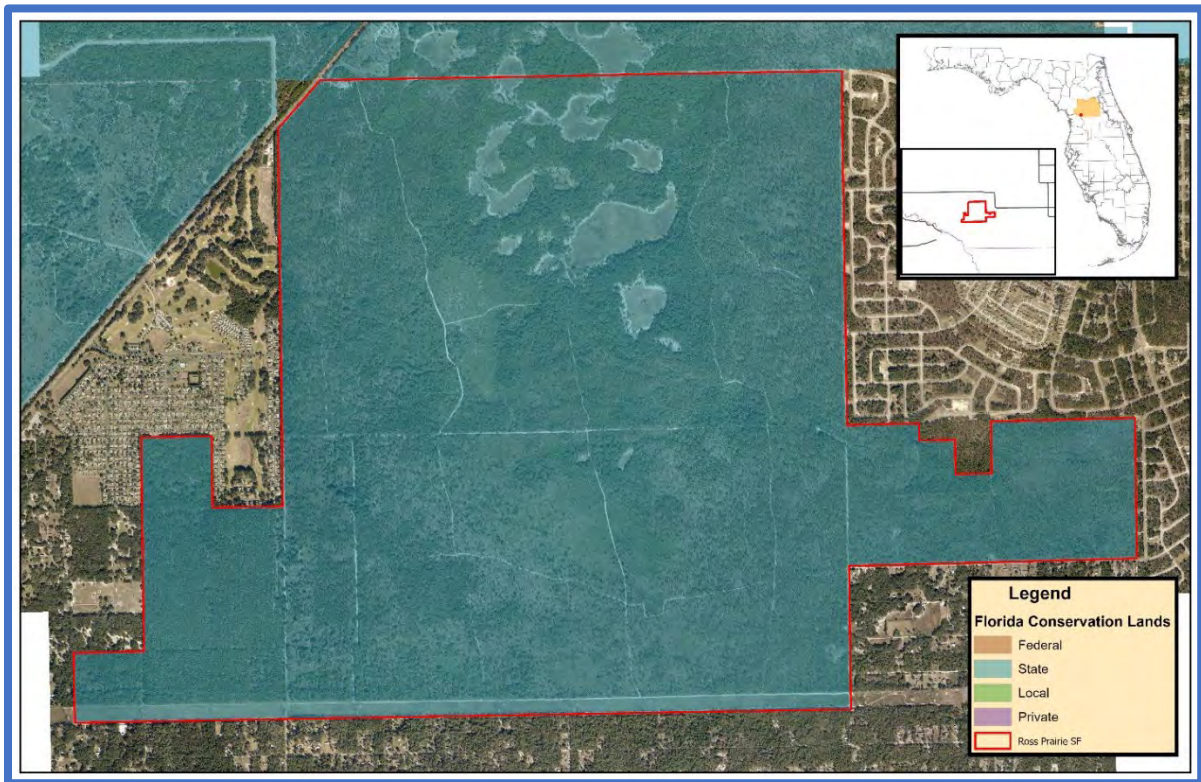
Review Team Members (voting)

- Adele Mills, DRP District
- Local Gov't., None
- Jess Rodriguez, FWC
- Madelline Mathis, DEP District
- Jason Love, FFS
- WMD, None
- Jim Buckner, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Table 7: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.67	4.82
Prescribed Fire / Habitat Restoration	4.80	4.92
Hydrology	4.50	4.67
Imperiled Species	4.22	4.81
Exotic / Invasive Species	4.46	4.71
Cultural Resources	4.40	5.00
Public Access / Education / Law Enforcement	4.34	4.50
Infrastructure / Equipment / Staffing	4.17	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Forest Service (FFS) for the fuel reduction in the wildland urban interface. (5+, 0-)
2. The team commends FFS for the amount of acres treated with growing season burns. (5+, 0-)
3. The team commends FFS for the frequent fire rotation (3-year fire return interval) and encourage them to keep working at that frequency. (5+, 0-)
4. The team commends FFS staff for the interagency cooperation to get the job done, recognizing the limited staff assigned to this state forest. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that FFS increase the bare sand in the scrubby flatwoods for the scrub-jay habitat. (5+, 0-)

Managing Agency Response: The Florida Forest Service recognizes the need to increase the amount of bare sand in the scrubby flatwoods to improve the quality of the scrub- jay habitat. To this end, staff have been working to increase the bare sand by more aggressively chopping small areas throughout the stand to create new sandy patches. Additionally, hexazinone has been applied in limited areas to prevent scrub oaks from resprouting to increase the bare sand component.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. Natural communities, specifically depression marsh, mesic hammock, mesic flatwoods, sandhill and xeric hammock.
2. Listed species, listed animal and plant species in general, and specifically Florida scrub jay.
3. Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.
4. Cultural resources, specifically cultural resource survey, and protection and preservation.
5. Prescribed fire, specifically area being burned, frequency and quality.
6. Forest management, specifically timber inventory, and timber harvesting.
7. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.
8. Hydro-alteration, specifically hydroperiod alteration.
9. Resource protection, specifically boundary survey, gates and fencing, and signage.
10. Adjacent property concerns, specifically smoke management, groundwater consumption, and inholdings and additions.
11. Public access, specifically parking.
12. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.
13. Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Management Resources, specifically staff, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: Staff assigned to the forest is limited to 1 Forester who also has managerial responsibility over Indian Lake State Forest. Although not specifically assigned to the forest, the Marion County Forest Area Supervisor, Senior Forest Rangers, and Forest Rangers actively participate in the day- to day operations including site maintenance and resource management. Additionally, the District Biologist, Recreation Coordinator, and Resource Administrator assist in the management of the forest. The Florida Forest Service will continue to evaluate staffing needs in the future, but at this time the staffing is adequate to meet the objectives as outlined in the ten-year resource management plan for the property.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Silver Springs State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 4,666

County: Marion

Purpose(s) for Acquisition:

Acquisition Program(s): CARL/P2000/Florida Forever

Original Acquisition Date: 12/11/85

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/17/14

Review Date: 9/15/21

Agency Manager and Key Staff:

- Sally Lieb, Manager

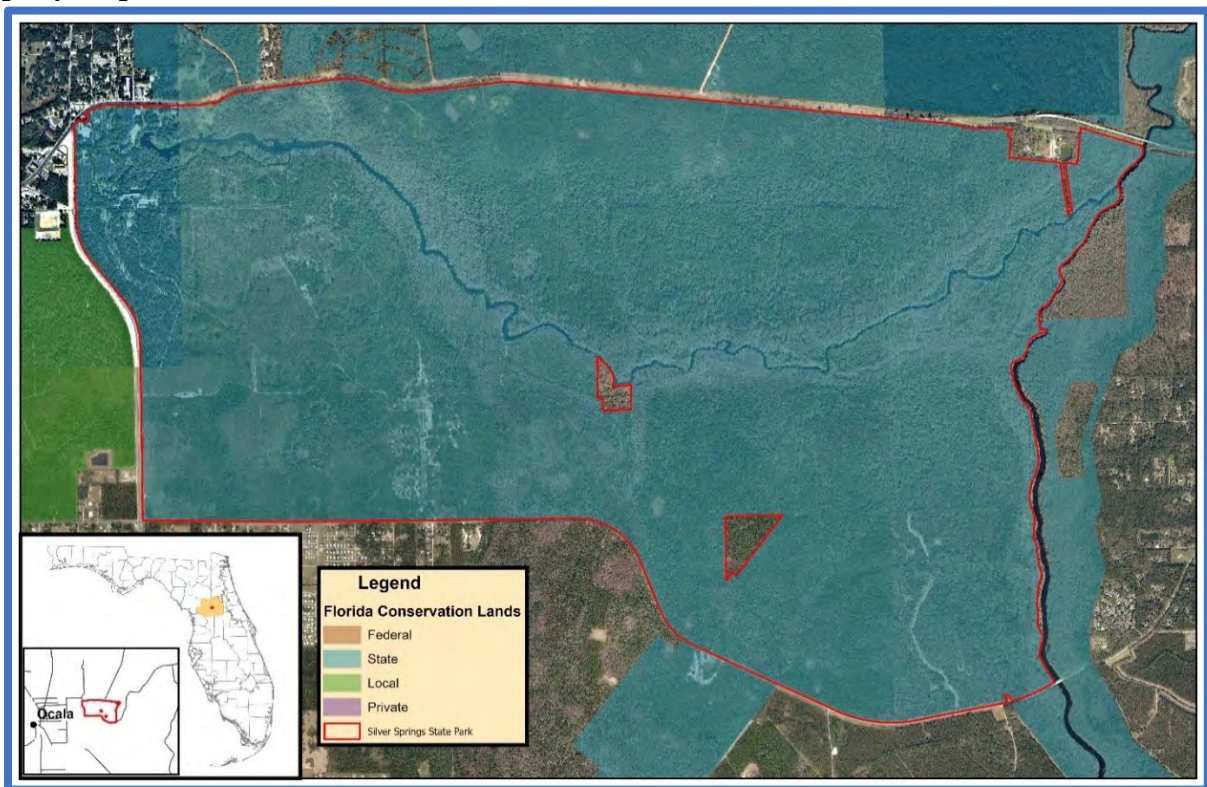
Review Team Members (voting)

- Mark Romagosa, DRP District
- Charles Ryan, Local Gov't.
- Samantha Cobble, FWC
- Courtney Puckett, DEP District
- Mike Edwards, FFS
- Kyle Madden, SJRWMD
- Kimberleigh Dinkins, Conservation Org.
- Jim Buckner, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- John Kunzer, FWC

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 8, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 8, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) for the time and fire interval in the sandhill. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends FPS maintain the Sea Hunt deck as an observation area, for people observing wildlife, including resting manatees. (8+, 0-)

Managing Agency Response: The current UMP identifies this outcome and there is a current project which has been designed and currently in permitting. This project was funded through specific line-item legislative appropriation and the Division is working to complete the project as outlined in the approved Unit Management Plan (UMP).

2. The team recommends that a gopher tortoise line transect distance sampling survey be done and then repeated every five years. (7+, 0-, 1 abstain)

Managing Agency Response: The Division has an agreement with FWC to survey high priority conservation lands and Silver Springs is on the list to be surveyed in the future. Surveying on a 5- year schedule will be contingent on funding allocated each year by FWC and the Division.

3. The team recommends that the swim area be reevaluated to consider submerged aquatic vegetation, and human/wildlife interactions. (7+, 0-)

Managing Agency Response: The current UMP identifies the activity, area and timeframe duration for the activity. There is a current project which has been designed and currently in

Table 8: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.15	3.82
Prescribed Fire / Habitat Restoration	4.44	4.79
Hydrology	4.51	4.10
Imperiled Species	4.26	3.95
Exotic / Invasive Species	3.90	3.94
Cultural Resources	4.71	4.71
Public Access / Education / Law Enforcement	4.59	4.13
Infrastructure / Equipment / Staffing	4.42	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

permitting. This project was funded through specific line-item legislative appropriation and the Division is working to complete the project as outlined in the UMP.

4. The team recommends that a dedicated biologist/ecologist be assigned to the park. (7+, 0-)

Managing Agency Response: Additional staff can only be assigned to this or other park units if they are appropriated by the Legislature or reassigned from other units. Funding is determined annually by the Florida Legislature.

5. The team recommends permanent photopoints for various monitoring at the park. (5+, 0-)

Managing Agency Response: Photopoints are a valuable tool to track and monitor habitat over time and will be used as needed and when resources allow.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic flatwoods, sandhill, scrubby flatwoods, sinkhole, upland mixed forest, xeric hammock, depression marsh, dome swamp, floodplain forest, floodplain swamp, wet flatwoods, blackwater stream, spring-run stream, hydric hammock and aquatic cave.**
2. **Listed species, listed animal and plant species in general, and specifically silver buckthorn.**
3. **Natural resources survey/monitoring resources, specifically invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically sandhill, hydrology, and flatwoods.**
7. **Forest management, specifically reforestation/afforestation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants.**
9. **Hydro-alteration, specifically roads and culverts, ditches, and hydro-period alteration.**
10. **Ground Water Monitoring, specifically quality and quantity.**
11. **Surface Water Monitoring, specifically quality and quantity.**
12. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
13. **Adjacent property concerns, specifically inholdings and additions.**
14. **Public access, specifically roads, parking, and boat access.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
16. **Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Natural Resources Survey, specifically sport fish or their habitat monitoring, listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects**

monitoring, and other habitat management effects monitoring, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether survey and monitoring of the resources or their habitats are sufficient.

Managing Agency Response: It's important to first note that sport fish management/monitoring is not a responsibility of Division of Recreation and Parks (DRP). Natural Resources Surveys and Monitoring Resources including listed species or their habitat monitoring, fire effects monitoring, and other habitat management effects monitoring will be more thoroughly addressed in the next plan update. The current plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

- 1. Natural Resource Survey and Monitoring Resources, specifically sport fish or their habitat monitoring, received a below average score. This is an indication that the management plan does not sufficiently address survey or monitoring.**

Managing Agency Response: As noted on page 6 of this response, sport fish management and monitoring is not the responsibility of the Division of Recreation and Parks. DRP' focus and responsibilities are more broadly described per Section 258, F.S. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

- 2. Adjacent Property Concerns, specifically discussion of potential surplus land determination, received a below average score. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Adjacent property concerns including discussion of potential surplus land determination will be more thoroughly addressed in the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

- 3. Managed Area Uses, Proposed Uses, specifically swimming area, received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: The current plan identifies the activity, area and timeframe duration for the activity. There is a current project which has been designed and currently in permitting. This project was funded through specific line-item legislative appropriation and the Division is working to complete the project as outlined in the Unit Management Plan. On page 94 of the current UMP, the swim area is discussed with potential impacts concerns, mitigation tactics and layout. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

Crystal River Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 27,417

County: Citrus

Purpose(s) for Acquisition: to conserve the natural landscape of this coast, protect the water quality of the spring runs and estuaries where endangered manatees congregate, preserve natural lands that link with conservation lands to the south, and provide scenic areas in which the public can enjoy fishing, hiking, or learning about the natural world of this coast.

Acquisition Program(s): EEL, CARL/P2000/Florida Forever

Original Acquisition Date: 12/5/84

Area Reviewed: Entire Property

Last Management Plan Approval Date: 10/19/18

Review Date: 9/17/21

Agency Manager and Key Staff:

- Barbara Roberts, Manager

Review Team Members (voting)

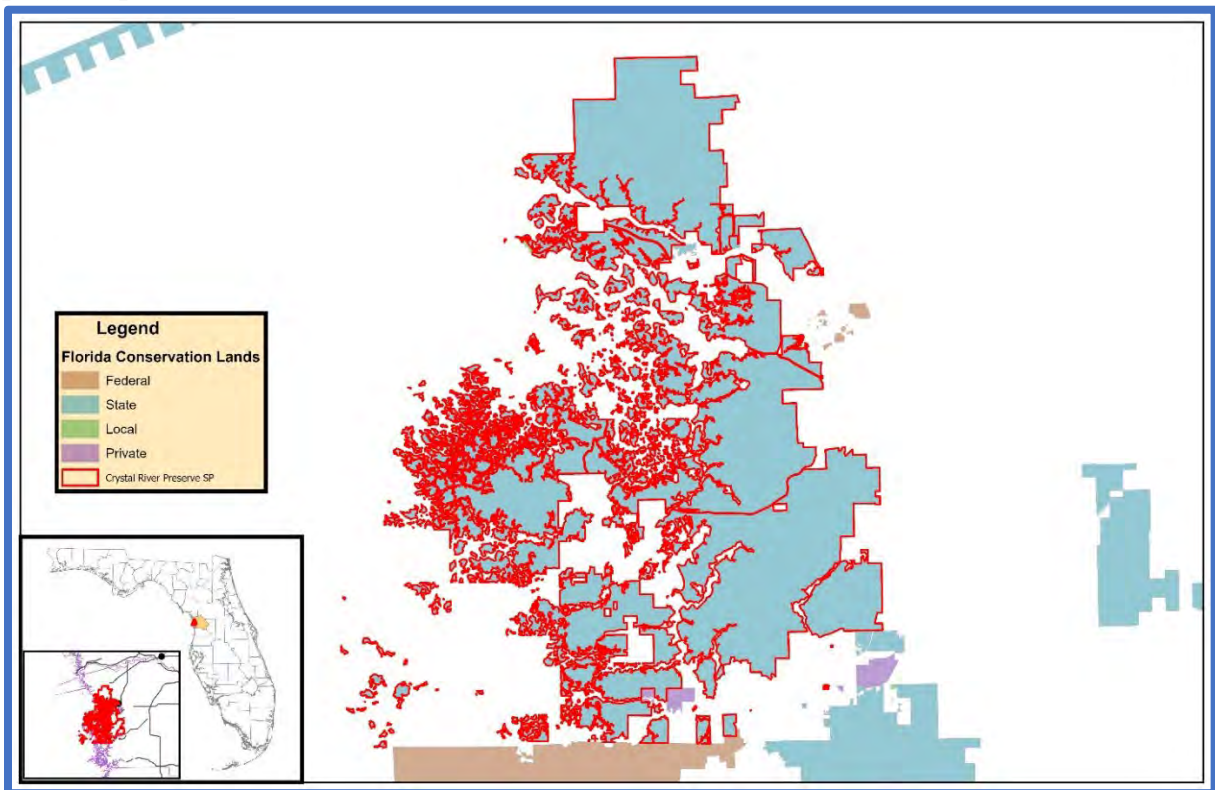
- Dan Pearson, DRP District
- Local Gov't., None
- Scotland Talley, FWC
- DEP District, None

- Mike Edwards, FFS
- Chris McKendree, SWFWMD
- Conservation Org., None
- Kimberleigh Dinkins, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the park staff for partnering with FWC for treatment of Brazilian Pepper infestations, the use of internal funding for additional treatment, and the effective use of AmeriCorps members at the park for exotic plant control. (5+, 0-)
2. The team commends park staff for partnering with SWFWMD in development of Redfish Hole hydrological restoration plan. (5+, 0-)
3. The team commends park staff for effective use of cooperative funding and staff to install low water crossings to improve hydrological conditions and provide access for prescribed fire operations. (5+, 0-)
4. The team commends park staff for the excellent historical and cultural resource protection, and their cooperation with Gulf Archaeological Research Institute and Florida Public Archaeology Network. (5+, 0-)
5. The team commends park staff for maximizing funding and staffing resources. (5+, 0-)
6. The team commends park staff for their prescribed burning efforts given the complexities of the wildland urban interface. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that park staff focus on reducing backlog of prescribed fire in the southern end of the preserve. (5+, 0-)

Table 9: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.43	4.56
Prescribed Fire / Habitat Restoration	4.08	4.28
Hydrology	4.13	4.20
Imperiled Species	4.50	4.25
Exotic / Invasive Species	4.73	4.23
Cultural Resources	4.50	4.40
Public Access / Education / Law Enforcement	4.47	4.32
Infrastructure / Equipment / Staffing	4.17	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Managing Agency Response: Agree. Park staff have already began working towards increasing prescribed fire south of the Crystal River with additional mechanical treatments and fireline projects.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

- 1. Natural communities, specifically basin swamp, mangrove swamp (estuarine tidal swamp), dome swamp, floodplain swamp, freshwater tidal swamp, salt marsh, basin marsh, hydric hammock, mesic hammock, depression marsh, and floodplain/freshwater tidal marsh.**
- 2. Listed species, listed animal and plant species in general.**
- 3. Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
- 4. Cultural resources, specifically cultural resource survey, and protection and preservation.**
- 5. Prescribed fire, specifically quality.**
- 6. Restoration, specifically sandhill, flatwoods, scrubby flatwoods, and coastal hydric hammock.**
- 7. Forest management, specifically timber inventory, timber harvesting, reforestation/afforestation and site preparation.**
- 8. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
- 9. Hydro-alteration, specifically roads, culverts, and ditches.**
- 10. Ground water monitoring, specifically quality.**
- 11. Surface water monitoring, specifically quality and quantity.**
- 12. Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
- 13. Adjacent property concerns, specifically mining, invasive species, and inholdings and additions.**
- 14. Public access, specifically roads, parking and boat access.**
- 15. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
- 16. Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Lake Wales Ridge State Forest

Managed by: Department of Agriculture and Consumer Services, Florida Forest Service

Acres: 26,713

County: Polk

Purpose(s) for Acquisition: to protect the threatened and endangered ecosystems such as scrub, southern ridge sandhill, dry prairie, and cutthroat grass seeps that are unique to the Lake Wales Ridge, Bombing Range Ridge, and the Kissimmee Valley

Acquisition Program(s): CARL

Area Reviewed: Entire Property

Original Acquisition Date: 2/2/85

Last Management Plan Approval Date: 8/24/18

Review Date: 10/19/21

Agency Manager and Key Staff:

- Corey Walk, Forestry Resource Administrator
- Nathan Bartosek, Forester
- Patrick Keogh, Lakeland District Manager
- Peter Lewis, Forest Area Supervisor
- Christopher “Austin” Ritenour, Plant Conservation Biologist

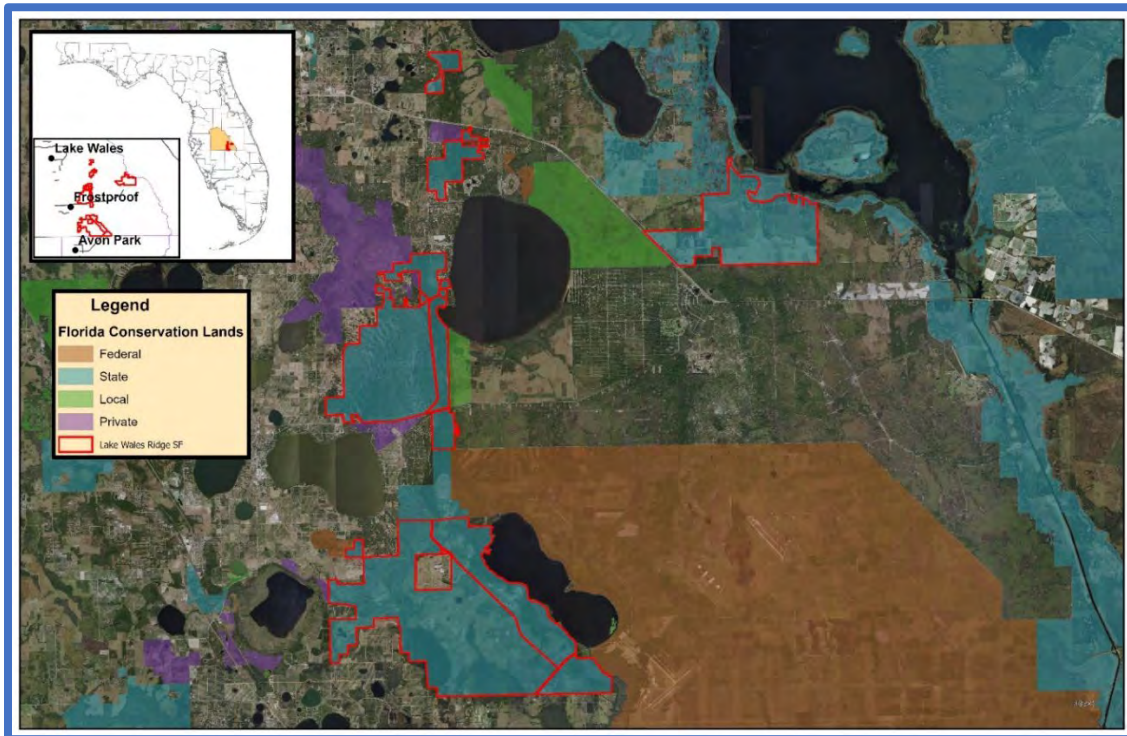
Review Team Members (voting)

- Erik Egensteiner, DRP District
- Candice Knothe, Local Gov’t.
- Ethan Noel, FWC
- Gina Laddick, DEP District
- Jason Love, FFS
- Justin Nolte, SFWMD
- Conservation Org., None
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Michael Sowinski, FWC/IPM
- Brooke Coulter, Polk County

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Forest Service (FFS) for maintaining a dedicated plant biologist position for the forest. (6+, 0-)
2. The team commends Lake Wales Ridge State Forest (LWRSF) staff for their burning and maintenance of the flatwood’s community. (6+, 0-)
3. The team commends FFS staff for overall land management with the limited staff. (6+, 0-)
4. The team commends LWRSF for their efforts to restore and improve historic sandhill communities. (6+, 0-)
5. The team commends FFS and FWC for their continued monitoring and habitat management for scrub-jays at the forest. (6+, 0-)
6. The team commends FFS staff at the Lake Wales Ridge State Forest on their ability to protect the threatened resources on the property while keeping the forest in production. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that FFS hire wildlife biologist to oversee surveying/monitoring of Lake Wales Ridge endemic species. (6+, 0-)

Managing Agency Response: Currently and in past years, FFS works closely with the local FWC Biologist on the state forest for annual Florida Scrub-Jay surveys and other wildlife surveying/monitoring concerns. Most of the continued upland restoration projects include routine input and planning with the FWC Biologist. While a full- time District Biologist and additional funding for restoration projects is desirable, staffing and budgets are dependent on

Table 10: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.49	4.51
Prescribed Fire / Habitat Restoration	4.33	4.49
Hydrology	3.83	3.53
Imperiled Species	4.50	3.71
Exotic / Invasive Species	4.33	4.08
Cultural Resources	4.47	4.33
Public Access / Education / Law Enforcement	4.29	3.94
Infrastructure / Equipment / Staffing	4.07	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

the Florida Legislature. FFS will continue to apply for funding projects with FWC, FWC's Upland Invasive Plant Treatment Program, FFS internal invasive plant funding, FFS prescribed fire enhancement/restoration projects, and other non-agency grant proposals to help implement projects at LWRSF.

2. The team recommends that FFS implement monitoring the effects of mechanical treatment, clearcutting and thinning, and the impacts to wildlife, vegetation and threatened and endangered plants, particularly in sandhill and scrub communities. (5+, 0-, 1 abstain)

Managing Agency Response: The FFS has a dedicated federally funded position to survey and monitor federally endangered and threatened plants and effects of management on the populations on LWRSF. Currently and in past years, FFS conducts photo monitoring, listed plant species/vegetation monitoring and groundcover plant monitoring in many upland communities on the state forest. The FFS monitors the effects of various mechanical oak reduction treatments, timber harvest activities and prescribed burning through the use of site-specific evaluations and inventories.

3. The team recommends that FFS have their inventory data analyzed by RCW biologist to determine the feasibility or limiting factors to reintroducing woodpeckers onto the property. (6+,0)

Managing Agency Response: Currently and in past years, FFS staff completes annual forest inventory on 10 percent of the state forest acreage annually. The forest inventory data is collected and sent to the Forest Management Bureau staff in Tallahassee annually as required. There currently is no desire to reintroduce RCWs. If RCWs naturally establish themselves onto the property, the FFS will manage the population.

4. The team recommends that FFS seek partners to assist in developing an area-wide plant and animal list. (5+, 1-)

Managing Agency Response: FFS will continue to pursue collaboration with area-wide researchers and partners and will use existing plant inventories to develop a wide-ranging plant species list for LWRSF. Efforts will be made to conduct more vegetation inventories in un-sampled areas. There is already interest to formally document more plant specimens using resources like the University of South Florida Herbarium. Several research projects have been requested and completed in the past few years on the state forest for plant survey data and lists. FNAI has also completed several surveys in the past five years on LWRSF that included wildlife in order to update the animal list.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic flatwoods, hydric hammock/floodplain swamp, dome swamp, wet prairie, wet flatwoods, floodplain marsh, basin swamp, scrubby flatwoods, baygall, depression marsh, basin marsh, sandhill upland lake, blackwater stream, flatwoods lake, and mesic hammock.**
2. **Listed species, listed animals and plants in general, and specifically Florida scrub jay and Florida ziziphus.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**

5. Prescribed fire, specifically area being burned, frequency and quality.
6. Restoration, specifically sandhill (Walk in Water Tract) and cutthroat flatwoods.
7. Forest management, specifically timber inventory, and timber harvesting, reforestation/afforestation and site preparation.
8. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.
9. Hydro-alteration, specifically roads and culverts, and ditches.
10. Resource protection, specifically boundary survey, gates and fencing, and signage.
11. Adjacent property concerns, specifically expanding development, adjacent conflicting land uses, and inholdings and additions.
12. Public access, specifically roads and parking.
13. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.
14. Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Listed Species protection and preservation, specifically Florida ziziphus, received a below average score. This is an indication that the management plan does not sufficiently address protection and preservation of listed species.**

Managing Agency Response: The Florida ziziphus and other federally endangered and threatened plants have strategies and tactics for protection in the Florida Statewide Endangered and Threatened Plant Conservation Program administered by FFS. The next LWRSF land management plan will reference this program and summarize recent restoration efforts for the Florida ziziphus. In the current management plan this is covered on pages 51-61. The text below is from this section in the current management plan.

The forest contains a number of plants and animals that are either state or federally listed as threatened or endangered. LWRSF occupies a keystone position in the network of protected sites along the Lake Wales Ridge and is the largest property on the ridge under public ownership. Of the 19 scrub and sandhill plants federally listed as endangered or threatened (USFWS 1999), 16 occur on LWRSF. LWRSF contains one of the most endangered plants in Florida, the Florida ziziphus (*Ziziphus celata*).

Specialized management techniques will be used, as necessary, to protect or increase rare, threatened, and endangered species and species of special concern, as applicable for both plants and animals.

Florida ziziphus is also covered in the “Sandhill” natural community’s description in the plan, (see Current Conditions and Management Needs sections on pages 112-113). Ziziphus restoration is also included as part of Goal 3-Habitat Restoration and Improvement, Objectives 1-4, and Goal 5-Listed and Rare Species Habitat Maintenance, Enhancement, Restoration or Population Restoration-Objectives 1-6.

Lake Kissimmee State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 5,893

County: Polk

Purpose(s) for Acquisition: to protect and restore the natural and cultural values of the property and provide the greatest benefit to the citizens of the state.

Acquisition Program(s): EEL, CARL/P2000

Area Reviewed: Entire Property

Original Acquisition Date: 1/7/70

Last Management Plan Approval Date: 7/7/14

Review Date: 10/20/21

Agency Manager and Key Staff:

- Andy Noland, Manager
- Erik Egensteiner, Park Biologist

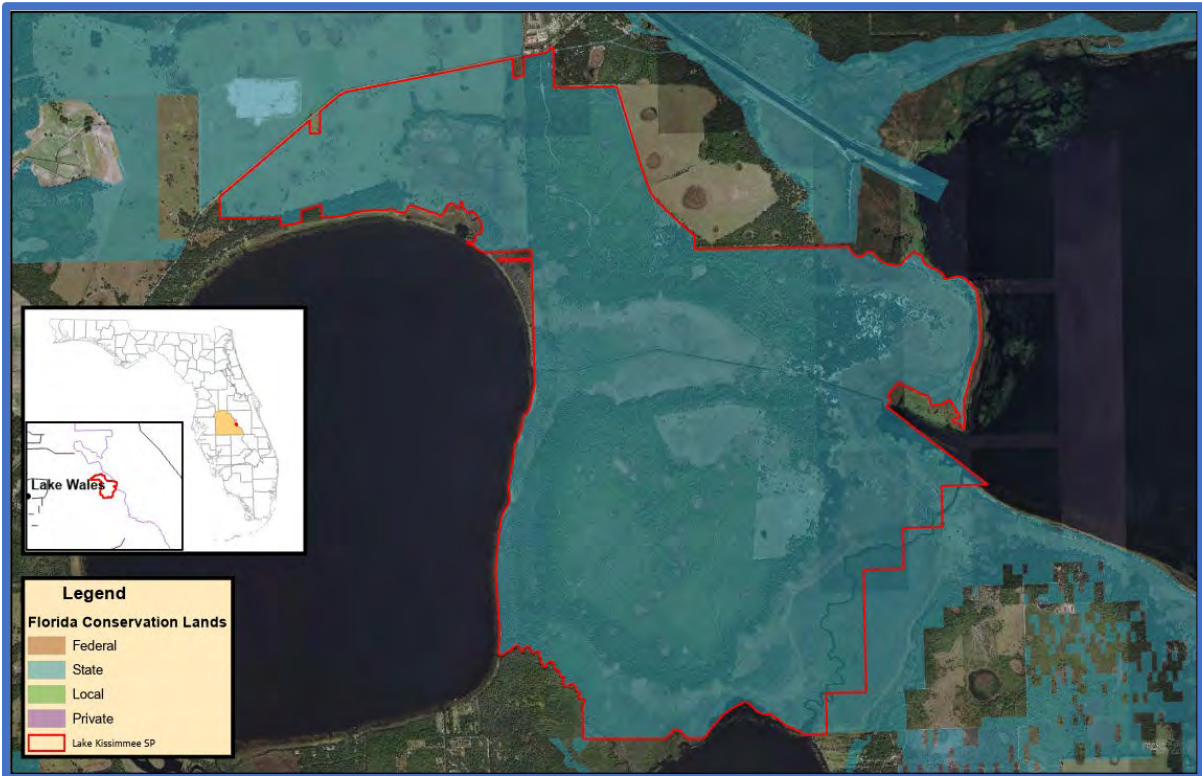
Review Team Members (voting)

- Mark Romagosa, DRP District
- Candice Knothe, Local Gov't.
- Ethan Noel, FWC
- Abigail McAleer, DEP District
- Mike Edwards, FFS
- Ayounga Riddick, SFWMD
- Conservation Org., None
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Mike Sowinski, FWC
- Brooke Coulter, Polk County

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) for their outstanding cultural and interpretive program. (6+, 0-)
2. The team commends the staff for carefully assessing fire conditions to prioritize long-term quality of natural communities. (6+, 0-)
3. The team commends the staff for the good job of finding creative ways to fund capital expenditures for the Park. (6+, 0-)
4. The team commends the staff for experimenting with other mechanical techniques rather than disking for fireline maintenance. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends staff to get mesic flatwoods and scrubby flatwoods into prescribed burn rotation and in maintenance. (5+, 0-, 1 abstain)

Managing Agency Response: Agree, the Park Service strives to keep these natural communities in maintenance condition with prescribed burn rotations, however, severe drought can hinder this goal. We will prioritize these areas in order to bring these areas back into rotation as soon as conditions allow for safe, ecological burning.

2. The team recommends that FPS thin the flatwoods in appropriate areas to FNAI recommended basal areas. (6+, 0-)

Table 11: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	3.11	3.30
Prescribed Fire / Habitat Restoration	3.28	3.83
Hydrology	3.24	2.69
Imperiled Species	3.40	3.64
Exotic / Invasive Species	3.57	3.56
Cultural Resources	4.08	4.25
Public Access / Education / Law Enforcement	4.07	3.94
Infrastructure / Equipment / Staffing	3.86	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Managing Agency Response: FPS is in the process of improving its forest management through the implementation of a multi-phased statewide project which includes a vegetation inventory of upland forest communities and creating a comprehensive GIS dataset of forest/vegetation on all parks. This data will be utilized to create the timber management component of the unit management plan, and to guide forest management decisions to produce the desired future condition for each natural community.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic hammock, scrubby flatwoods, baygall, depression marsh, and blackwater stream.**
2. **Listed species, specifically cutthroat grass.**
3. **Natural resources survey/monitoring resources, specifically fire effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically quality.**
6. **Hydro-alteration, specifically roads and culverts, and ditches.**
7. **Resource protection, specifically gates and fencing, signage and law enforcement presence.**
8. **Adjacent property concerns, specifically inholdings and additions.**
9. **Public access, specifically parking, and boat access.**
10. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
11. **Management resources, specifically waste disposal, sanitary facilities, and equipment.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Listed species, specifically scrub-jay, received a below average score. The review team is asked to evaluate, based on their perspective, whether management actions are sufficient for protection and preservation of the species.**

Managing Agency Response: Scrub-jays have not been observed in the park during breeding season in the past five years. Past wildfires and natural habitat conditions likely contributed to their decline. If jays do return to the park, efforts will be made to monitor and manage accordingly.

2. **Restoration, specifically improved pasture to wet/mesic/scrubby flatwoods, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether restoration is sufficient.**

Managing Agency Response: The Park Service is aware that a portion of disturbed land cover types such as pasture have not been restored to their historic land cover types. Current funding and grants have focused on maintaining and improving intact natural communities. We will continue to look at funding opportunities as they present themselves for pasture restoration.

3. **Forest Management, specifically timber inventory, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether forest management is sufficient.**

Managing Agency Response: The Division is in the process of implementing of a multi-phased statewide project which includes a vegetation inventory of upland forest communities and creating a comprehensive GIS dataset of forest/vegetation on all parks. This data will be utilized to create the timber management component of the unit management plan, and to guide forest management decisions to produce the desired future condition for each natural community.

4. **Surface Water Monitoring, specifically quality, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether surface water monitoring is sufficient.**

Managing Agency Response: Agree, Division staff rely on the knowledge and skills of the local water Management District (or local Water Authority or local health department) to assist the park in regular water quality/quantity monitoring. DRP will continue to work with our local partners to collect and monitor this data.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Natural Resource Survey and Monitoring Resources, specifically other non-game species or their habitat monitoring, received a below average score. This is an indication that the management plan does not sufficiently address survey or monitoring.**

Managing Agency Response: Natural Resources Survey and Monitoring Resources including other non-game species or their habitat monitoring will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

2. **Forest Management, specifically timber inventory, received a below average score. This is an indication that the management plan does not sufficiently address forest management.**

Managing Agency Response: In the current plan, it was determined that the primary management objectives of the unit could be met without conducting timber management. Timber management will be re-evaluated for the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C. when the plan was approved by ARC.

3. **Hydrologic/Geologic function, Hydro-Alteration, specifically hydro-period alteration, received a below average score. This is an indication that the management plan does not sufficiently address hydrologic and geologic function.**

Managing Agency Response: Hydrologic/Geologic function, Hydro-Alteration including roads/culverts and stormwater management will be more thoroughly addressed in the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

4. **Ground Water Monitoring, specifically quality, and quantity, received below average scores. This is an indication that the management plan does not sufficiently address ground water monitoring.**

Managing Agency Response: The plan will be reviewed and ground water monitoring will be addressed where needed in the next plan. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

5. **Surface Water Monitoring, specifically quality, received a below average score. This is an indication that the management plan does not sufficiently address surface water monitoring.**

Managing Agency Response: Surface water monitoring will be reviewed for inclusion in the next management plan update. The current plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

6. **Adjacent Property Concerns, specifically discussion of potential surplus land determination, received a below average score. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Adjacent property concerns including discussion of potential surplus land determination will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

Allen David Broussard Catfish Creek Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 8,157

County: Polk

Purpose(s) for Acquisition: to conserve, protect and manage the property for outdoor recreation, park historic and related purposes.

Acquisition Program(s):

Area Reviewed: Entire Property

Original Acquisition Date: 12/20/91

Last Management Plan Approval Date: 7/7/14

Review Date: 10/22/21

Agency Manager and Key Staff:

- Andy Noland, Manager
- Erik Egensteiner, Park Biologist

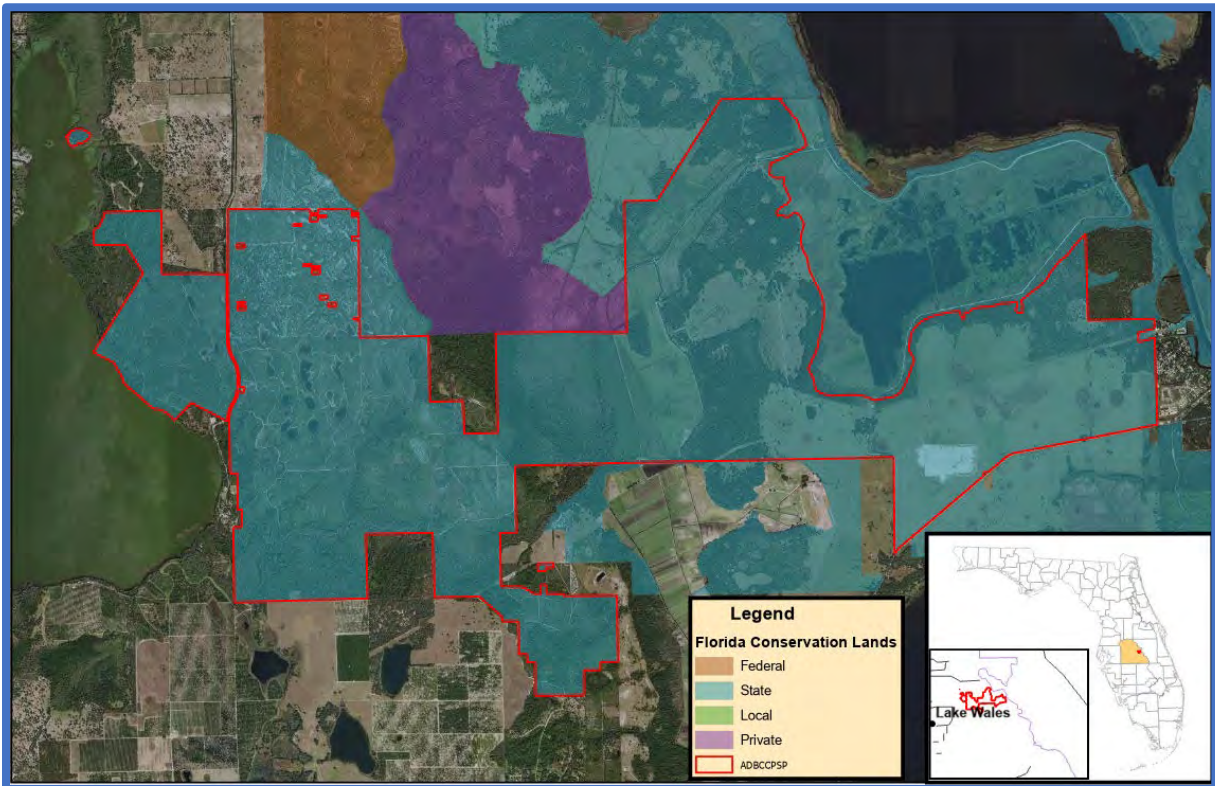
Review Team Members (voting)

- Chris Matson, DRP District
- Candice Knothe, Local Gov't.
- Ethan Noel, FWC
- Stephanie Valentin-Rivera, DEP District
- Mike Edwards, FFS
- Ayounga Riddick, SFWMD
- Conservation Org., None
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Brooke Coulter, Polk Co.

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff for the improvements to the public access (secured parking and restroom facilities) and the staff housing at the park. (6+, 0-)
2. The team commends the staff for the careful application of prescribed fire during this extended drought period. (6+, 0-)
3. The team commends the staff for their quality management of upland natural communities despite limited staff resources. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically scrub, depression marsh, flatwoods/prairie/marsh lake and sandhill upland lake.**
2. **Listed species, listed animal species in general, and specifically Florida scrub-jay, gopher frog, listed wading bird species, and scrub plum.**
3. **Natural resources survey/monitoring resources, specifically fire effects monitoring.**
4. **Prescribed fire, specifically quality.**
5. **Public access, specifically parking.**
6. **Environmental education and outreach, specifically interpretive facilities and signs.**

Table 12: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	2.81	3.26
Prescribed Fire / Habitat Restoration	2.85	3.79
Hydrology	2.97	3.36
Imperiled Species	3.96	3.80
Exotic / Invasive Species	3.27	3.28
Cultural Resources	3.50	4.17
Public Access / Education / Law Enforcement	3.60	3.82
Infrastructure / Equipment / Staffing	3.03	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

- 1. The maintenance condition of the Natural Communities, specifically mesic hammock and floodplain marsh received below average scores. The review team is asked to evaluate, based on their perspective, what percent of the natural community is in maintenance condition. The scores range from 1 to 5, with 1 being 0-20% in maintenance condition, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: The mesic hammock is found in the Rolling Meadows section of the preserve which was formerly mainly an agricultural area. Some of the areas are impacted with exotic plants and animals which DRP is actively working on eradicating. There is very little intact floodplain marsh at the preserve. Most of the areas that formerly were marsh were former sod fields. See #2 below for discussion of potential restoration of these areas.

- 2. Restoration, specifically restoration of former sod field to floodplain marsh, and former pasture to flatwoods, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether restoration is sufficient.**

Managing Agency Response: We agree that plans should be developed for the restoration of several altered landcover areas within the park in order to define future desired conditions, priorities, methods, and costs. Many of the potential restoration areas are now pasture and former sod fields. Restoration of these altered lands is a costly pursuit. Current funding has been used to improve intact habitats via mechanical treatment, exotic removal, and prescribed fire while keeping current staff and equipment going. DRP will continue to look at funding opportunities as they present themselves for altered landcover restoration.

- 3. Forest Management, specifically timber inventory, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether forest management is sufficient.**

Managing Agency Response: DRP is in the process of implementing a multi-phased statewide project which includes a vegetation inventory of upland forest communities and creating a comprehensive GIS dataset of forest/vegetation on all parks. This data will be utilized to create the timber management component of the unit management plan and to guide forest management decisions to produce the desired future condition for each natural community.

- 4. Non-Native, Invasive & Problem Species, specifically prevention and control of pest/pathogens, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, as well as overall management actions, whether prevention and control are sufficient.**

Managing Agency Response: Non-native, invasive and Problem Species including prevention of pests/pathogens and control of plants and pests/pathogens will be more thoroughly addressed in the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

5. **Hydrologic/Geologic function Hydro-Alteration, specifically hydroperiod alteration, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether consideration of past and present hydrologic and geologic functions are sufficient.**

Managing Agency Response: There are several areas that have been hydrologically altered in the park. There is a need to review the parks hydrology and plan for possible restoration. The park has been working with partners and will continue to work with them in coming up with possible hydrological restoration projects.

6. **Adjacent Property Concerns, specifically Catfish Sporting Clays, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether adjacent property concerns are sufficiently addressed.**

Managing Agency Response: The park is currently working on the boundary issue and towards solving the concerns outlined by the review team.

7. **Management Resources, specifically staff and funding, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: Additional staff would be beneficial to management of the park. Additional staff can only be assigned to this or other park units if they are appropriated by the Legislature or reassigned from other units. Funding is determined annually by the Florida Legislature. Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management needs. Any deemed increase in Division Budget/staffing will follow the established legislative budget request process.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Forest Management, specifically timber inventory, received a below average score. This is an indication that the management plan does not sufficiently address forest management.**

Managing Agency Response: In the current management plan, it was determined that the primary management objectives of the unit could be met without conducting timber management. Timber management will be re-evaluated for the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C. when it was approved by ARC.

2. **Non-native, Invasive & Problem Species, specifically prevention and control of pests/pathogens, received below average scores. This is an indication that the management plan does not sufficiently address prevention of invasive species.**

Managing Agency Response: Non-native, invasive and Problem Species including prevention of pests/pathogens and control of plants and pests/pathogens will be more thoroughly addressed in the next management plan update. The current plan was reviewed by the relevant agencies and

was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when ARC approved it.

- 3. Adjacent Property Concerns, specifically Catfish Sporting Clays, and surplus lands identified, received a below average score. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Adjacent property concerns including discussion of Catfish Sporting Clays and potential surplus land determination will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

Atlantic Ridge Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 4,886

County: Martin

Purpose(s) for Acquisition: The Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Trustees) have acquired Atlantic Ridge to manage the property in such a way as to protect and restore the natural and cultural values of the property and provide the greatest benefit to the citizens of the state.

Acquisition Program(s): CARL/P2000

Original Acquisition Date: 11/4/98

Area Reviewed: Entire Property

Last Management Plan Approval Date: 9/13/21

Review Date: 11/2/21

Agency Manager and Key Staff:

- John Lakich, Manager

Review Team Members (voting)

- Jeffrey Bach, DRP District
- Local Gov't., None
- Ricardo Zambrano, FWC
- David Petti, DEP District

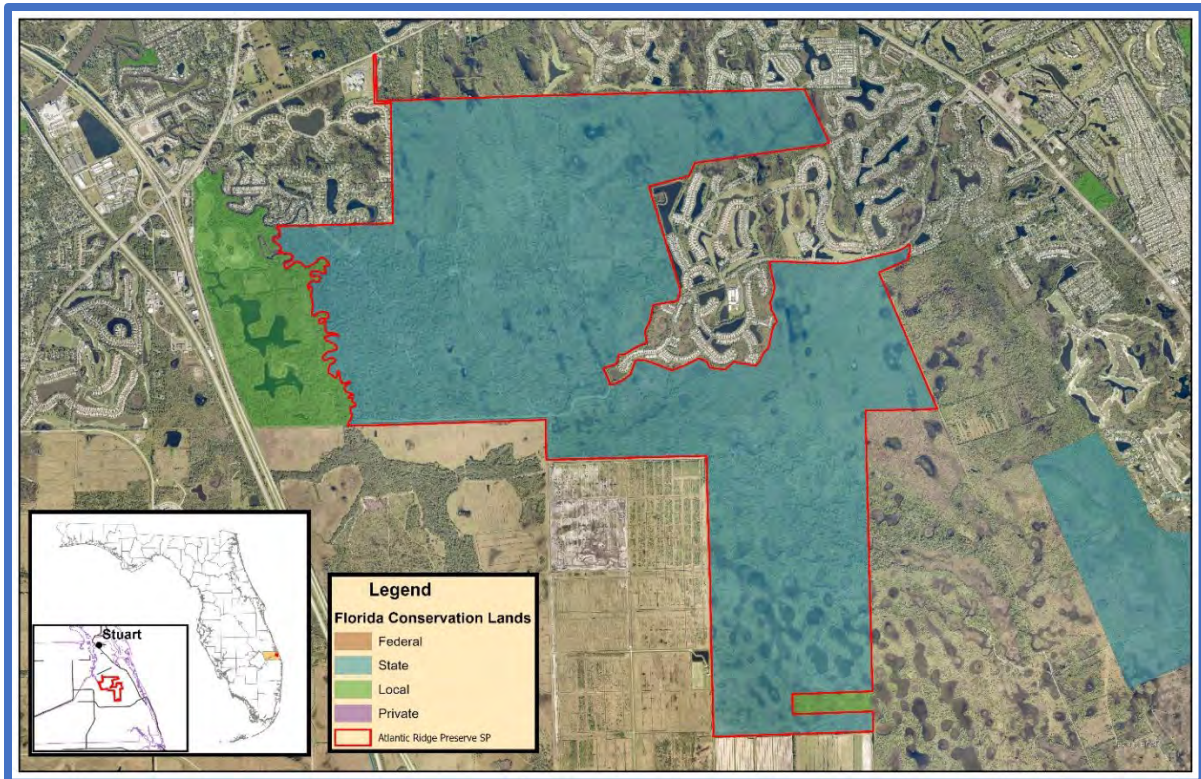
- Mike Edwards, FFS
- Marie Dessources, SFWMD
- Greg Braun, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

- Jackie Smith, FWC

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for accomplishing prescribed burn goals considering the surrounding smoke management issues. (5+, 0-, 1 abstain)
2. The team commends the staff for accomplishments with limited funding. (6+, 0-)
3. The team commends the staff for doing a great job with non-native plants given the surrounding communities and private natural areas. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that the staff needs a full hydrological study and a schedule for implementation. (5+, 0-)

Managing Agency Response: Park and District staff will not be able to conduct a study on their own. The Park Service will continue to seek funding from both internal and external sources to implement an hydrological study. Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management needs.

2. The team recommends that FPS conduct biological surveys to determine and document current populations of listed flora and fauna. (5+, 0-)

Managing Agency Response: While surveys are important to monitor habitats, the Park Service must prioritize the management of natural communities within the Parks land management

Table 13: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.33	4.83
Prescribed Fire / Habitat Restoration	4.17	4.71
Hydrology	3.48	4.23
Imperiled Species	3.60	3.80
Exotic / Invasive Species	3.86	4.20
Cultural Resources	4.25	4.42
Public Access / Education / Law Enforcement	3.72	3.61
Infrastructure / Equipment / Staffing	3.16	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

budget. Costs for inventory will be included in the unit management plan as needed, but can only be allocated as funds become available on a statewide priority needs basis.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

- 1. Natural communities, specifically mesic hammock, basin swamp, dome swamp, hydric hammock, slough, wet and mesic flatwoods, wet prairie and blackwater stream.**
- 2. Natural resources survey/monitoring resources, specifically fire effects monitoring, and invasive species survey and monitoring.**
- 3. Cultural resources, specifically cultural resource survey, and protection and preservation.**
- 4. Prescribed fire, specifically area being burned, frequency and quality.**
- 5. Forest management, specifically timber inventory.**
- 6. Non-native, invasive, and problem species, specifically prevention and control of plants, and control of pest/pathogens.**
- 7. Resource protection, specifically boundary survey, gates and fencing, and signage.**
- 8. Adjacent property concerns, specifically expanding development, and inholdings and additions.**
- 9. Management resources, specifically buildings.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

- 1. The maintenance condition of the Natural Communities, specifically flatwoods/prairie lake, received a below average score. The review team is asked to evaluate, based on their perspective, what percent of the natural community is in maintenance condition. The scores range from 1 to 5, with 1 being 0-20% in maintenance condition, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: Natural communities, specifically flatwoods/prairie lake will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

- 2. Natural Resources Survey, specifically listed species or their habitat monitoring, and other non-game species or their habitat monitoring, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether survey and monitoring of the resources or their habitats are sufficient.**

Managing Agency Response: Natural Resources Survey and Monitoring Resources including other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring and invasive species survey/monitoring will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

- 3. Management Resources, specifically staff, and funding, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management needs. Any deemed increase in Division Budget/staffing will follow the established legislative budget request process.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

- 1. Natural Resource Survey and Monitoring Resources, specifically other non-game species or their habitat monitoring, received a below average score. This is an indication that the management plan does not sufficiently address survey or monitoring.**

Managing Agency Response: Natural Resources Survey and Monitoring Resources including other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring and invasive species survey/monitoring will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

- 2. Adjacent Property Concerns, specifically discussion of potential surplus land determination, received a below average score. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Disagree, on page 64 ARPSP UMP (2021): “There are no lands considered surplus to the management needs of the park.”. Adjacent property concerns including discussion of potential surplus land determination will be more thoroughly addressed in the next management plan update. The current management plan was reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

Jonathan Dickinson State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 10,442

County: Martin and Palm Beach

Purpose(s) for Acquisition: Jonathan Dickinson State Park was acquired on June 9, 1947, to protect, develop, operate and maintain the property for public outdoor recreational, park, conservation, historic and related purposes.

Acquisition Program(s): P2000/Inholdings & Additions

Original Acquisition Date: 6/9/47

Area Reviewed: Entire Property

Last Management Plan Approval Date: 6/28/12

Review Date: 11/3/21

Agency Manager and Key Staff:

- John Lakich, Manager
- Libby Reinert, Assistant Manager

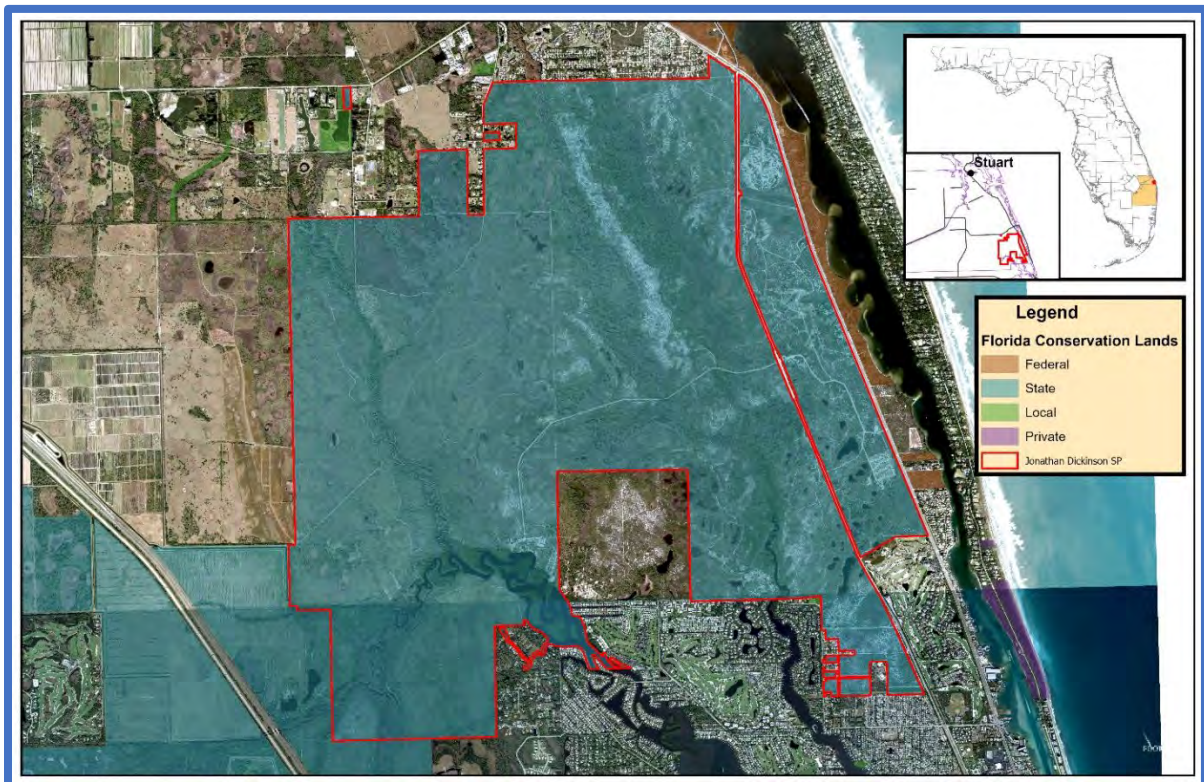
Review Team Members (voting)

- Miranda Cunningham, DRP District
- Local Gov't., None
- Ricardo Zambrano, FWC
- Madison Pollard, DEP District
- Mike Edwards, FFS
- Marie Dessources, SFWMD
- Anne Cox, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Jackie Smith, FWC
- Paul Strauss, FNPS

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for their outstanding listed species monitoring and management program. (6+, 0-)
2. The team commends the park staff on their prescribed fire program. (6+, 0-)
3. The team commends the FPS on their public education and interpretation and providing the Kimball Education Center and Trapper Nelson site to welcome the public. (6+, 0-)
4. The team commends the most professional, well managed and widely respected fire team at Jonathan Dickinson State Park. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that FPS use inert granite rocks or other materials that will not leach calcareous materials into the naturally occurring acid soils on the ancient sand dunes. (6+, 0-)

Managing Agency Response: The Florida Park Service will review and evaluate use of inert granite rocks or other materials for bike trails.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic hammock, mesic flatwoods, sandhill, scrub, scrubby flatwoods, wet flatwoods, depression marsh, dome swamp, floodplain swamp, hydric hammock, mangrove swamp, slough, strand swamp, wet prairie, sandhill upland lake and blackwater stream.**

Table 14: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	3.91	4.17
Prescribed Fire / Habitat Restoration	4.83	4.78
Hydrology	4.77	4.53
Imperiled Species	4.82	4.68
Exotic / Invasive Species	4.73	4.63
Cultural Resources	4.60	4.50
Public Access / Education / Law Enforcement	4.44	4.28
Infrastructure / Equipment / Staffing	4.19	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

2. **Listed species, animals and plants in general, and specifically Florida scrub-jay, red-cockaded woodpecker, perforated reindeer lichen, dancing lady orchid and four-petal pawpaw specifically cutthroat grass.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically hydrology restoration.**
7. **Non-native, invasive and problem species, specifically prevention and control of plants, animals, pests and pathogens.**
8. **Hydrologic/geologic function, specifically roads and culverts, ditches, hydro-period alteration, and water level alteration.**
9. **Ground Water Monitoring, specifically quality and quantity.**
10. **Surface Water Monitoring, specifically quality and quantity.**
11. **Resource protection, specifically boundary survey, and signage.**
12. **Adjacent property concerns, specifically expanding development, and inholdings and additions.**
13. **Public access, specifically roads, parking, and boat access.**
14. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
15. **Management resources, specifically waste disposal, sanitary facilities, buildings, and staff.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Managed Area Uses, Proposed Uses, specifically campground expansion (60 sites), received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: Managed Area Uses, Proposed Uses, specifically campground expansion will be more thoroughly addressed in the next management plan update. The new plan will reflect updated site inventory, but currently Pine Grove still has 90 sites (same as in the UMP; as of 2022) and River Campground has 51 sites (up from 45 sites after campground was rebuilt; as of 2022). Both campgrounds were rebuilt in the past 10 years and scrub-jay nesting near Pine Grove Campground will make expansion difficult. The current plan was

reviewed by the relevant agencies and was in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

St. Lucie Inlet Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 4,835

County: Martin

Purpose(s) for Acquisition: The Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (Trustees) acquired St. Lucie Inlet Preserve State Park to establish a waterside public park and recreation area south of St. Lucie Inlet.

Acquisition Program(s): LATF

Area Reviewed: Entire Property

Original Acquisition Date: 4/9/65

Last Management Plan Approval Date: 4/21/14

Review Date: 11/5/21

Agency Manager and Key Staff:

- Andrew Flanner, Manager
- Salena Alberti, Park Service Specialist

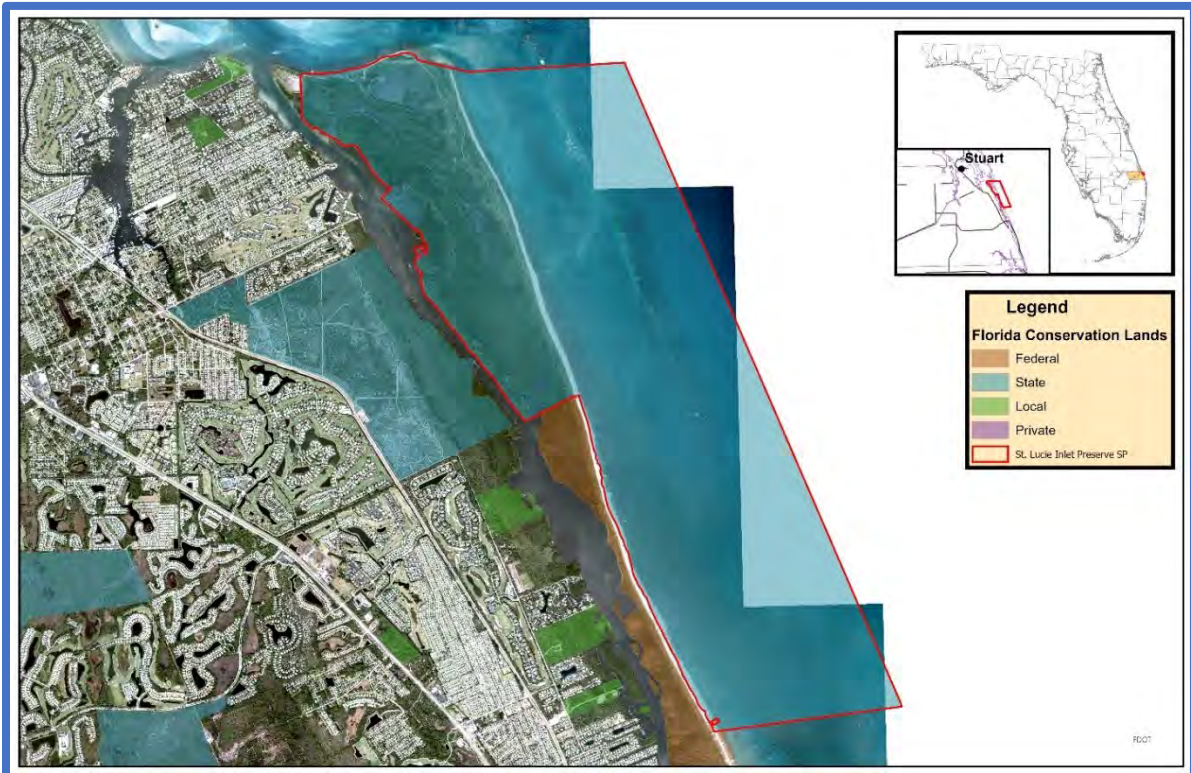
Review Team Members (voting)

- Scott Tedford, DRP District
- Local Gov't., None
- Ricardo Zambrano, FWC
- Blaine Preston, DEP District
- Mike Edwards, FFS
- Marie Dessources, SFWMD
- Joan Bausch, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Tom Bausch, FNPS
- Jackie Smith, FWC

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for their exotic/invasive treatment program at the park. (6+, 0-)
2. The team commends the park for plans to increase public boat access by installing more boat slips. (6+, 0-)
3. The team commends the staff for their protection of the sea turtle populations by addressing the problems of predation on the eggs. (6+, 0-)
4. The team commends the staff for their plans to reinstall the mooring buoys. (6+, 0-)
5. The team commends the staff on the installation of the interpretive kiosk at the south kayak access area. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends additional funding to implement a long-term restoration project for their spoil areas. (6+, 0-)

Managing Agency Response: Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management needs. Still the Park will continue to seek partnerships and grant funding to restore the spoil islands from external sources.

Table 15: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.61	4.80
Prescribed Fire / Habitat Restoration	3.83	4.00
Hydrology	4.33	4.75
Imperiled Species	4.57	4.24
Exotic / Invasive Species	4.25	3.44
Cultural Resources	4.00	3.50
Public Access / Education / Law Enforcement	4.34	4.20
Infrastructure / Equipment / Staffing	4.66	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically beach dune, coastal strand, maritime hammock, mangrove swamp, estuarine unconsolidated substrate, marine consolidated substrate, marine unconsolidated substrate, and marine worm reef.**
2. **Listed species, animals and plants in general, and specifically sea turtles, piping plover, and beach star.**
3. **Natural resources survey/monitoring resources listed species or their habitat monitoring, other non-game species or their habitat monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Non-native, invasive, and problem species, specifically prevention and control of plants and animals, and control of pests/pathogens.**
6. **Surface Water Monitoring, specifically quality.**
7. **Resource protection, specifically boundary survey, signage and law enforcement presence.**
8. **Public access, specifically boat access.**
9. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
10. **Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Non-native, Invasive & Problem Species, specifically prevention and control of pests/pathogens, received below average scores. This is an indication that the management plan does not sufficiently address prevention of invasive species.**

Managing Agency Response: Non-native, invasive and Problem Species, specifically the prevention and control of plants and pests/pathogens will be more thoroughly addressed in the next plan update. The current management plan was reviewed by the relevant agencies and in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when approved by ARC.

2. **Managed Area Uses, Existing Uses, specifically pipeline easement, received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: Disagree, this easement was negotiated and awarded to Martin County on December 28, 2005.

Blackwater River State Forest

Managed by: Department of Agriculture and Consumer Services, Florida Forest Service

Acres: 210,463

County: Okaloosa, Santa Rosa

Purpose(s) for Acquisition: Original property was granted to the State of Florida from the U.S. Government.

Acquisition Program(s): Florida Forever

Original Acquisition Date: 11/1/38

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/18/13

Review Date: 12/8/21

Agency Manager and Key Staff:

- Mike Hudson, Manager
- Eric Howell, Resource Administrator
- Craig Iverson
- Courtney Stotts
- David Creamer
- Michael Baker

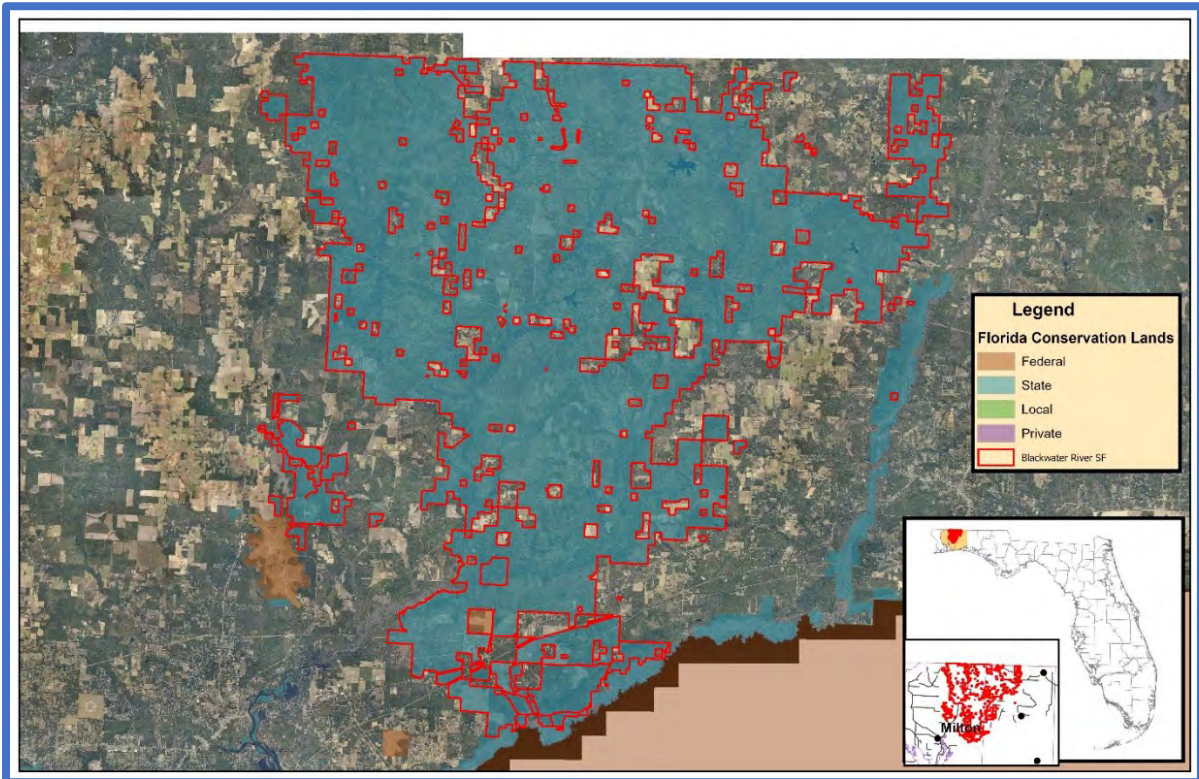
Review Team Members (voting)

- Aimee Wolters, DRP District
- Local Gov't., None
- Barbara Almario, FWC
- Mark Gillman, DEP District
- Jason Love, FFS
- Aaron Waits, NFWFMD
- Lilly Anderson Messec, Conservation Org.
- Vernon Compton, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- James Parker, DEP/DSL
- Monica Hardin, DEP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Forest Service (FFS) on their significant accomplishment in red-cockaded woodpecker and Florida bog frog recovery efforts. (7+, 0-)
2. The team commends FFS for their prescribed fire, invasive species control and forest restoration actions that have either kept the natural communities in, or moved them toward, maintenance condition. (7+, 0-)
3. The team commends FFS for the excellent multiple public access across the forest, including well-managed roads and bridges, trails and dispersed recreation, and developed recreation sites. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. Public use and demands on the forest are increasing as well as critical lands being added, so the team recommends that FFS request additional staffing resources and funding needed to meet these demands. (7+, 0-)

Managing Agency Response: The Florida Forest Service balances staffing, vehicles, equipment, and funding needs on a statewide basis within the large state forest system. Additional staffing resources and funding will be considered and requested in the legislative budget request if feasible.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

Table 16: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.67	4.90
Prescribed Fire / Habitat Restoration	4.51	4.79
Hydrology	4.74	4.49
Imperiled Species	4.89	4.61
Exotic / Invasive Species	4.44	4.31
Cultural Resources	4.42	4.33
Public Access / Education / Law Enforcement	4.48	4.54
Infrastructure / Equipment / Staffing	4.28	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

1. **Natural communities, specifically upland pine, bottomland forest, sandhill, seepage slope, baygall, blackwater stream, floodplain swamp, dome swamp, depression marsh, seepage stream, shrub bog, and wet flatwoods.**
2. **Listed species, listed animal and plant species in general, and specifically reticulated flatwoods salamander, red-cockaded woodpecker, bog frog, and Southeastern American kestrel.**
3. **Natural resources survey/monitoring resources, specifically sport fish or their habitat monitoring, listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically sandhill/upland pine (off-site pine removal, re-planting).**
7. **Forest management, specifically timber inventory, timber harvesting, reforestation/afforestation and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, and dams/reservoirs or other impoundments.**
10. **Ground water monitoring, specifically quality and quantity.**
11. **Surface water monitoring, specifically quality and quantity.**
12. **Resource protection, specifically gates and fencing, signage and law enforcement presence.**
13. **Adjacent property concerns, specifically inholdings and additions.**
14. **Public access, specifically parking, roads and boat access.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
16. **Management resources, specifically waste disposal, sanitary facilities, and buildings.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Deer Lake State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 2,009

County: Walton

Purpose(s) for Acquisition: to protect and restore the natural and cultural values of the property and provide the greatest benefit to the citizens of the state.

Acquisition Program(s): P2000

Original Acquisition Date: 2/6/96

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/16/16

Review Date: 12/10/21

Agency Manager and Key Staff:

- Matthew Allen, Manager

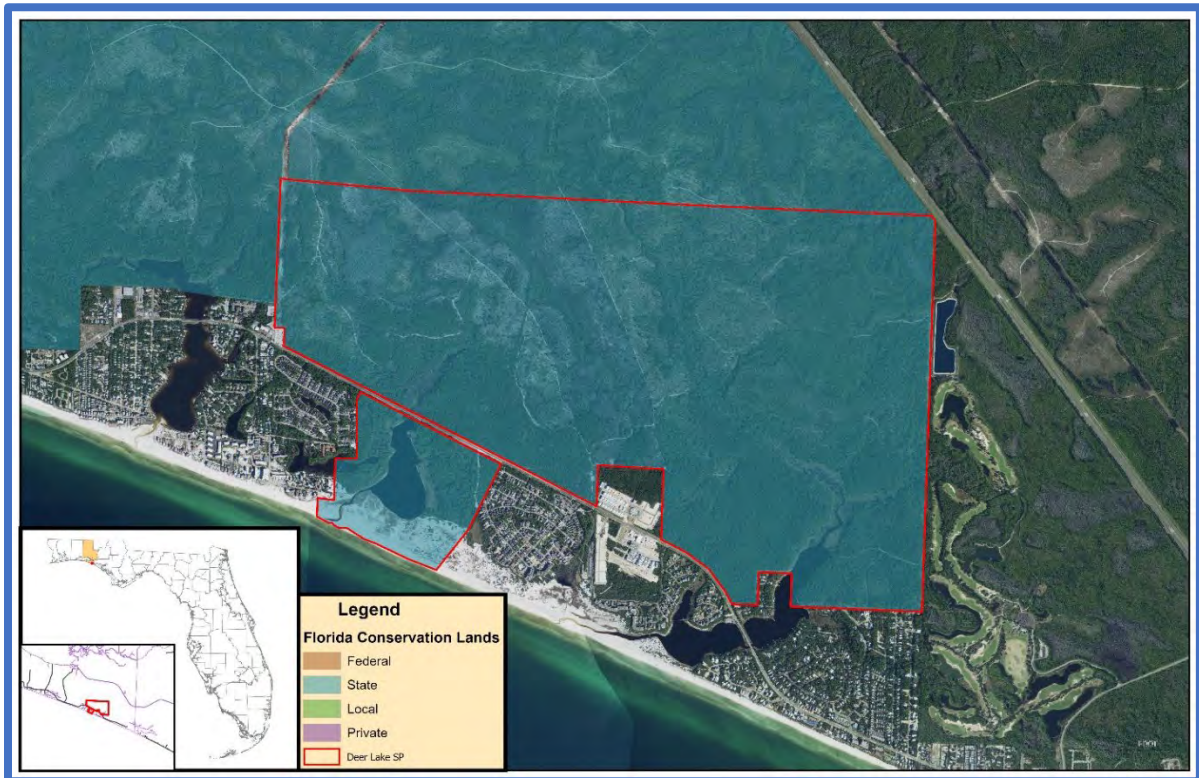
Review Team Members (voting)

- Chris Whittle, DRP District
- Hailey Bowler, Local Gov't.
- Michael Sisson, FWC
- Mark Gillman, DEP District
- Shelly Wayte, FFS
- Dan Wesley, NFWFMD
- Deb Fable, Conservation Org.
- Jeff Talbert, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 8, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 8, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Table 17: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.51	4.48
Prescribed Fire / Habitat Restoration	4.55	4.76
Hydrology	4.55	4.48
Imperiled Species	4.75	4.77
Exotic / Invasive Species	4.32	4.06
Cultural Resources	4.17	4.43
Public Access / Education / Law Enforcement	4.49	4.49
Infrastructure / Equipment / Staffing	3.24	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for the effective use of prescribed fire under exceptionally challenging circumstances. (7+, 0-)
2. The team commends the staff for partnering with outside agencies to meet their silvicultural goals, recognizing the difficulty of developing interest for timber harvesting in small areas. (7+, 0-)
3. The team commends the staff, in conjunction with outside partners, for their outstanding hydrological restoration efforts. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends staff continue to pursue funding to maintain the wetland restoration efforts and leverage the work to further achieve conservation goals, such as reintroduction of flatwoods salamander. (7+, 0-)

Managing Agency Response: The District and Park will continue to look for funding opportunities and work with partners to further achieve conservation goals.

2. The team recommends that park staff work with Walton County planning department to notify the public of scheduled prescribed burns. (7+, 0-)

Managing Agency Response: The District and Park will work to further current prescribed burn notifications with additional partners and agencies.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically coastal dune lake, scrub, scrubby flatwoods, seepage slope, wet prairie, beach dune, sandhill, basin marsh, shrub bog, depression marsh, dome swamp, mesic flatwoods, wet flatwoods and marine unconsolidated substrate.**
2. **Listed species, animals and plants in general, and specifically sea turtle species, shorebird species, Choctawhatchee beach mouse, and seepage slope/wet prairie plants.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency, and quality.**
6. **Restoration, specifically seepage slope/wet prairie, scrubby flatwoods, and sandhill.**
7. **Forest management, specifically timber inventory, and timber harvesting, reforestation/afforestation and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants and animals, and control of pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts.**
10. **Ground water monitoring, specifically quality, and quantity.**
11. **Surface water monitoring, specifically quality, and quantity.**
12. **Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
13. **Adjacent property concerns, specifically expanding development, and inholdings and additions.**
14. **Public access, specifically roads, and parking.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
16. **Management resources, specifically waste disposal, and sanitary facilities.**
17. **Short-term goals, specifically habitat restoration and improvement, public access and recreational opportunities, hydrological preservation and restoration, exotic and invasive species maintenance and control, and imperiled species habitat maintenance.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Management Resources, specifically staff and funding, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: Additional staff can only be assigned to this or other park units if they are appropriated by the Legislature or reassigned from other units. Further, Division funding is appropriated annually by the Florida Legislature. This funding is allocated at the Division and District levels in order to best meet annual operational and resource management

needs. Any deemed increase in Division Budget/staffing will follow the established legislative budget request process.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Adjacent Property Concerns, specifically expanding development, and discussion of potential surplus land determination, received below average scores. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: The Division will address adjacent property concerns and the determination of surplus lands in the update of the management plan during the next unit management plan revision.

Edward Ball Wakulla Springs State Park

Managed by: Department of Environmental Protection, Division of Recreation and Parks

Acres: 6,055.22

County: Wakulla

Purpose(s) for Acquisition: for the conservation and protection of natural and cultural resources and for resource-based public outdoor recreation that is compatible with the conservation and protection of the property.

Acquisition Program(s): CARL, P2000, Florida Forever

Original Acquisition Date: 9/17/86

Area Reviewed: Entire Property

Last Management Plan Approval Date: 12/14/07

Review Date: 1/12/22

Agency Manager and Key Staff:

- Amy Conyers, Manager

Review Team Members (voting)

- Chris Whittle, DRP District
- Local Gov't., None
- Mike Sisson, FWC
- Monica Hardin, DEP District

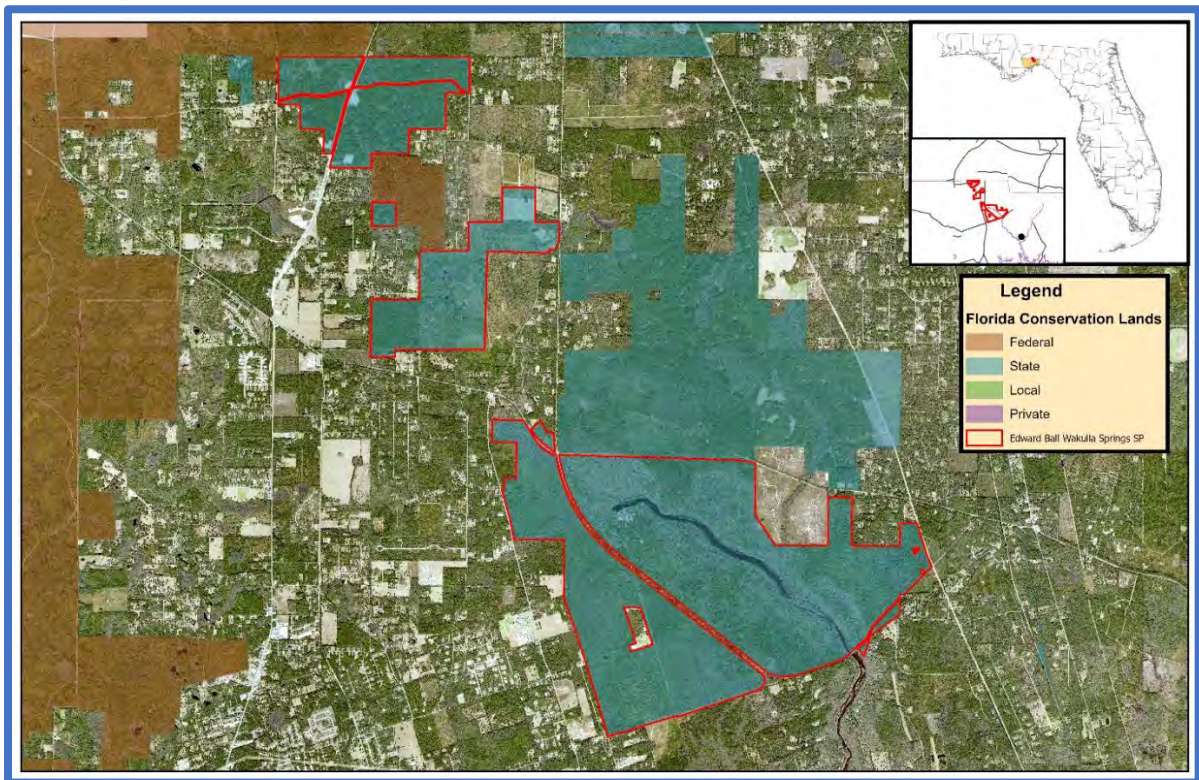
- Shelly Wayte, FFS
- Frank Powell, NFWFMD
- Chuck Hess, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- James Parker, DEP/DSL

- Cait Snyder

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for finding techniques for new ways of restoration to occur in challenging situation. (6+, 0-)
2. The team commends FPS for promoting, enhancing, and maintaining sustainable public use and access throughout the park. (6+, 0-)
3. The team commends FPS for the continued use of prescribed fire under increasingly challenging conditions. (6+, 0-)
4. The team commends FPS for their volunteer and citizen science programs toward increasing capacity in the park and educational outreach within the community. (6+,0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends FPS pursue strategies to increase burning in upland acres. (6+, 0-)

Managing Agency Response: The Park Service will continue to look for opportunities to increase the burning of upland acres as weather and permitting with the Florida Forest Service allows. Currently the park has 82% of the 4,053 fire type acres in rotation.

2. The team recommends FPS continue the environmental education of nutrient reduction to the spring shed. This would increase park reductions of fertilizer use and providing contained systems for restrooms (Cherokee Sink recreational area). (6+, 0-)

Managing Agency Response: FPS will continue conducting interpretive programs and pursue additional opportunities to improve outreach in an effect to further public education and

Table 18: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.58	4.40
Prescribed Fire / Habitat Restoration	4.18	4.50
Hydrology	4.91	4.68
Imperiled Species	4.46	4.49
Exotic / Invasive Species	4.73	4.27
Cultural Resources	4.80	4.80
Public Access / Education / Law Enforcement	4.69	4.54
Infrastructure / Equipment / Staffing	4.23	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

action. FPS unit management plan addresses the need for a contained restroom system at Cherokee Sink recreational area.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

- 1. Natural Communities, specifically sinkhole, upland hardwood forest, upland mixed forest, scrubby flatwoods, hydric hammock, basin swamp, dome swamp, floodplain forest, floodplain swamp, sinkhole lake, spring-run stream, and aquatic cave.**
- 2. Listed Species Protection and Preservation, for listed animal and plant species in general, and specifically for limpkin, gopher tortoise, manatee, Woodville karst crayfish, and all listed orchid species.**
- 3. Natural Resources Survey/Monitoring, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
- 4. Cultural Resources, specifically cultural resource survey, and protection and preservation.**
- 5. Prescribed fire, specifically area being burned, frequency and quality.**
- 6. Restoration, specifically the uplands restoration and Cherokee Sink.**
- 7. Forest management, specifically timber inventory/assessment, timber harvesting, reforestation/afforestation, and site preparation.**
- 8. Non-native, invasive and problem species, specifically the prevention and control of plants, animals, pests and pathogens.**
- 9. Hydrologic/geologic function, specifically the management of roads/culverts, ditches, and silviculture bedding.**
- 10. Groundwater monitoring, specifically for quality and quantity.**
- 11. Surface water monitoring, specifically for quality and quantity.**
- 12. Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
- 13. Public access, specifically roads and parking.**
- 14. Adjacent property concerns, specifically expanding development and inholdings/additions.**
- 15. Environmental education and outreach, specifically pertaining to wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
- 16. Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Adjacent property concerns, specifically discussion of potential surplus land determination, received a below average score. This is an indication that the management plan does not sufficiently address surplus land determination.**

Managing Agency Response: Adjacent property concerns including discussion of potential surplus land determination will be more thoroughly addressed in the next management plan update. The current plan was reviewed by the relevant agencies and in full compliance with Chapters 253 and 259, F.S., and Chapter 18-2, F.A.C., when it was approved by ARC.

Wakulla State Forest

Managed by: Department of Agriculture & Consumer Services – Florida Forest Service

Acres: 4,897.08

County: Wakulla

Purpose(s) for Acquisition: for the conservation and protection of natural and cultural resources and for resource-based public outdoor recreation that is compatible with the conservation and protection of the property.

Acquisition Program(s): CARL, P2000, Florida Forever

Original Acquisition Date: 11/2/46

Area Reviewed: Entire Property

Last Management Plan Approval Date: 4/21/17

Review Date: 1/14/22

Agency Manager and Key Staff:

- Chris Colburn, Manager

Review Team Members (voting)

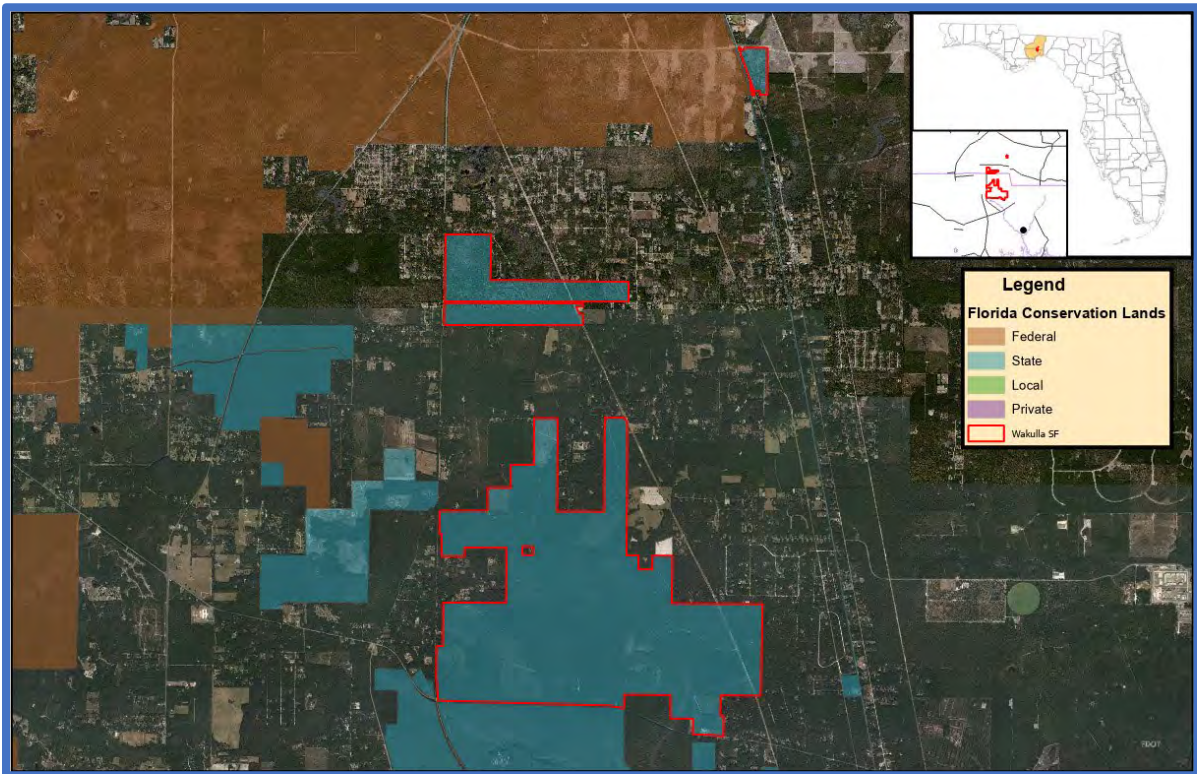
- Patty Wilber, DRP District
- Local Gov't., None
- Diana Pepe, FWC
- Monica Hardin, DEP District

- Jason Love, FFS
- Benjamin Faure, NFWFMD
- Chuck Hess, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- James Parker, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Forest Service (FFS) for the variety of recreational opportunities available on Wakulla State Forest. (6+, 0-)
2. The team commends FFS for the amount of information available at trailheads and kiosks. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically upland hardwood forest, bottomland forest, floodplain swamp, dome swamp, basin swamp, depression marsh, and sinkhole.**
2. **Listed species protection and preservation, for listed animal and plant species in general.**
3. **Natural resources survey/monitoring, specifically fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**

Table 19: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.59	4.89
Prescribed Fire / Habitat Restoration	4.73	5.00
Hydrology	4.19	4.00
Imperiled Species	4.40	4.50
Exotic / Invasive Species	4.63	4.33
Cultural Resources	4.30	4.60
Public Access / Education / Law Enforcement	4.69	4.58
Infrastructure / Equipment / Staffing	4.16	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

6. **Forest management, specifically timber inventory/assessment, timber harvesting, reforestation/afforestation, and site preparation.**
7. **Non-native, invasive and problem species, specifically the prevention and control of plants, animals, pests and pathogens.**
8. **Hydrologic/geologic function, specifically the management of roads/culverts.**
9. **Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
10. **Public access, specifically roads and parking.**
11. **Adjacent property concerns, specifically expanding development and inholdings/additions.**
12. **Environmental education and outreach, specifically pertaining to wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
13. **Management resources, specifically waste disposal, buildings, and equipment.**
14. **Short-term goals, specifically public access and recreational opportunities and cultural and historical resources.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **The maintenance condition of the Natural Communities, specifically upland pine received below average scores. The review team is asked to evaluate, based on their perspective, what percent of the natural community is in maintenance condition. The scores range from 1 to 5, with 1 being 0-20% in maintenance condition, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: Land management practices prior to State acquisition significantly altered the Upland Pine communities on Wakulla SF. The 2017 approved 10yr LMP addresses management needs in these communities, and current mapping indicates that restoration is in progress on over 95% of these acres. Maintenance condition of natural communities bears a direct correlation to the condition the tract was in when it was received by FFS. Percentage of land in maintenance condition is the final measure toward the success of the restoration program. Steps to get to that point should also be considered.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Fisheating Creek Wildlife Management Area

Managed by: Florida Fish and Wildlife Conservation Commission

Acres: 18,380

County: Glades

Purpose(s) for Acquisition: To conserve and protect natural communities along the shores of the Fisheating Creek, and thereby assist in maintaining and possibly improving the status of several rare plant and animal communities.

Acquisition Program(s): CARL, Florida Forever

Area Reviewed: Entire Property

Original Acquisition Date: 5/25/99

Last Management Plan Approval Date: 8/21/15

Review Date: 2/2/22

Agency Manager and Key Staff:

- Carrie Kimbrough, Manager
- Marsha Ward, Regional Biologist
- Beth Morford, District Biologist

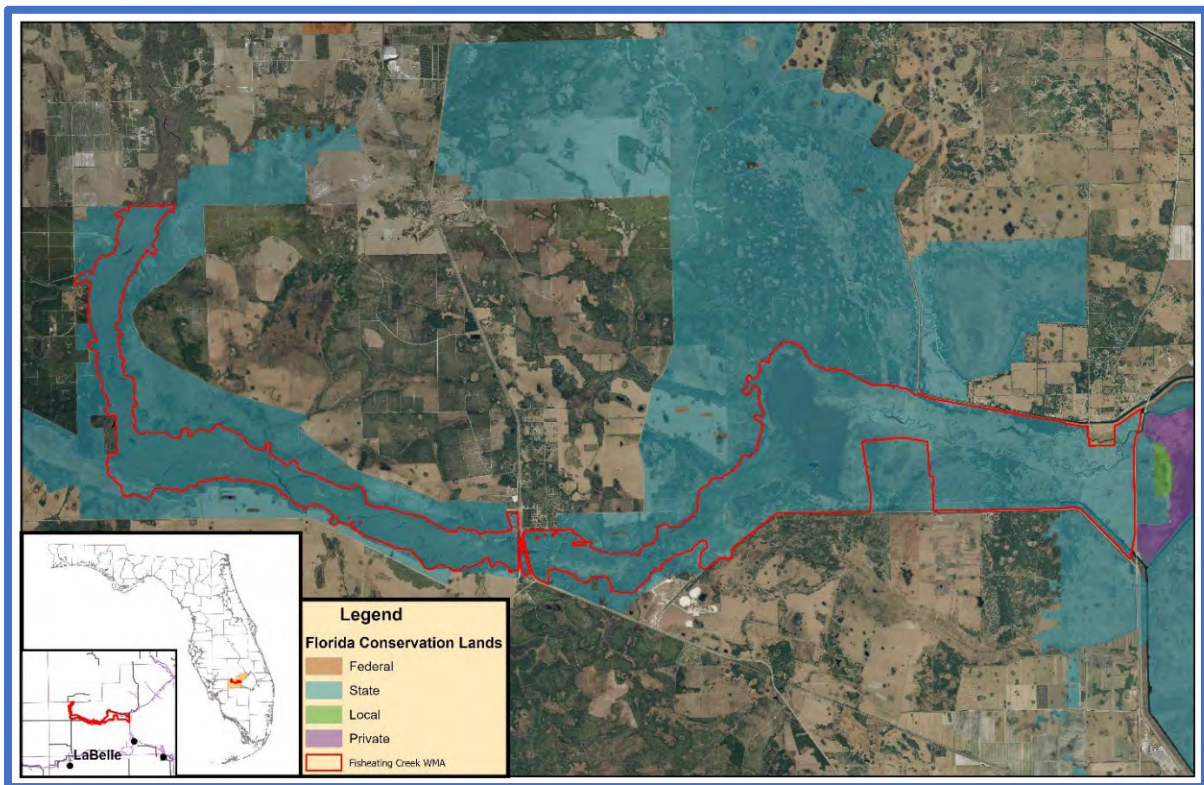
Review Team Members (voting)

- Jonathan Meyer, DRP District
- Local Gov't., None
- Eric Suarez, FWC
- Gabriella Zaharieff, DEP District
- Michael Edwards, FFS
- Andrew West, SFWMD
- Conservation Org., None
- Linda McCarthy, Private Land Manager

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Mike Sowinski, FWC/IPM
- Dylan Haase, FWC
- Allison Callis, DRP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the staff for their exceptional exotic plant treatment program at the WMA. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends increasing the prescribed fire acres burned and fire frequency. (6+, 0-)

Managing Agency Response: The FWC will continue to prioritize prescribed burning efforts on the FCWMA and implement the area specific prescribed burn plan, included in the FCWMA Management Plan 2015-2025 as Appendix 13.12.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically floodplain swamp, floodplain marsh, mesic hammock, hydric hammock, blackwater stream, and dome swamp.**
2. **Listed species, listed animal species in general.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically quality.**
6. **Restoration, specifically dry prairie restoration.**

Table 20: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	3.76	4.02
Prescribed Fire / Habitat Restoration	3.13	3.59
Hydrology	4.17	4.09
Imperiled Species	4.00	3.70
Exotic / Invasive Species	4.03	3.94
Cultural Resources	4.67	4.58
Public Access / Education / Law Enforcement	4.57	4.23
Infrastructure / Equipment / Staffing	4.28	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

7. **Non-native, invasive, and problem species, specifically prevention and control of plants and animals.**
8. **Hydro-alteration, specifically roads and culverts.**
9. **Ground water monitoring, specifically quality, and quantity.**
10. **Surface water monitoring, specifically quality, and quantity.**
11. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
12. **Adjacent property concerns, specifically inholdings and additions.**
13. **Public access, specifically roads, parking and boat access.**
14. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
15. **Management resources, specifically waste disposal, sanitary facilities, buildings, and staff.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **The maintenance condition of the Natural Communities, specifically wet flatwoods, received a below average score. The review team is asked to evaluate, based on their perspective, what percent of the natural community is in maintenance condition. The scores range from 1 to 5, with 1 being 0-20% in maintenance condition, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: The FWC estimates that 21-40% of wet flatwoods on Fisheating Creek Wildlife Management Area is in maintenance condition.

2. **Natural Resources Survey, specifically other sport fish or their habitat monitoring, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether survey and monitoring of the resources or their habitats are sufficient.**

Managing Agency Response: The FWC will work with our Division of Freshwater Fisheries Management to determine the need for fish inventories and habitat monitoring on the FCWMA and request management assistance when needed.

3. **Resource Management, Prescribed Fire, specifically area being burned, and frequency, received below average scores. The review team is asked to evaluate, based on information provided by the managing agency, to what degree prescribed fire is accomplished according to the objectives for prescribed fire management. The scores range from 1 to 5, with 1 being 0-20% accomplished, 2 being 21-40%, 3 being 41-60%, 4 being 61-80% and 5 being 81-100%.**

Managing Agency Response: The FCWMA received a score of 2, being 21-40%. The FWC will continue to prioritize prescribed burning efforts on the FCWMA and implement the area specific prescribed burn plan, included in the FCWMA Management Plan 2015-2025 as Appendix 13.12.

- 4. Restoration, specifically Cowbone Marsh, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether restoration is sufficient.**

Managing Agency Response: The FWC continues to cooperate with the Army Corps of Engineers on the ongoing restoration of Cowbone Marsh.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

- 1. Restoration, specifically dry prairie restoration, and mechanical treatments, received below average scores. The review team is asked to evaluate, based on their perspective, whether restoration efforts are adequate.**

Managing Agency Response: The FWC notes that on pages 74-75, 78, and 103 of the FCWMA Management Plan that Habitat Restoration and Improvement is addressed, including the use of mechanical treatments. Dry prairie is also addressed on pages 35-36. The plan also describes how the FWC uses historic and current vegetation community mapping to prioritize management and restoration efforts on the area. Additional information will be considered and provided in the Management Plan update.

Oscar Scherer State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 1,382

County: Sarasota

Purpose(s) for Acquisition: For the use and benefit of the State to use the property as a public park, for public recreation, and as a wildlife sanctuary.

Acquisition Program(s): P2000

Original Acquisition Date: 9/15/56

Area Reviewed: Entire Property

Last Management Plan Approval Date: 4/15/11

Review Date: 2/4/22

Agency Manager and Key Staff:

- Matthew Kruse, Manager

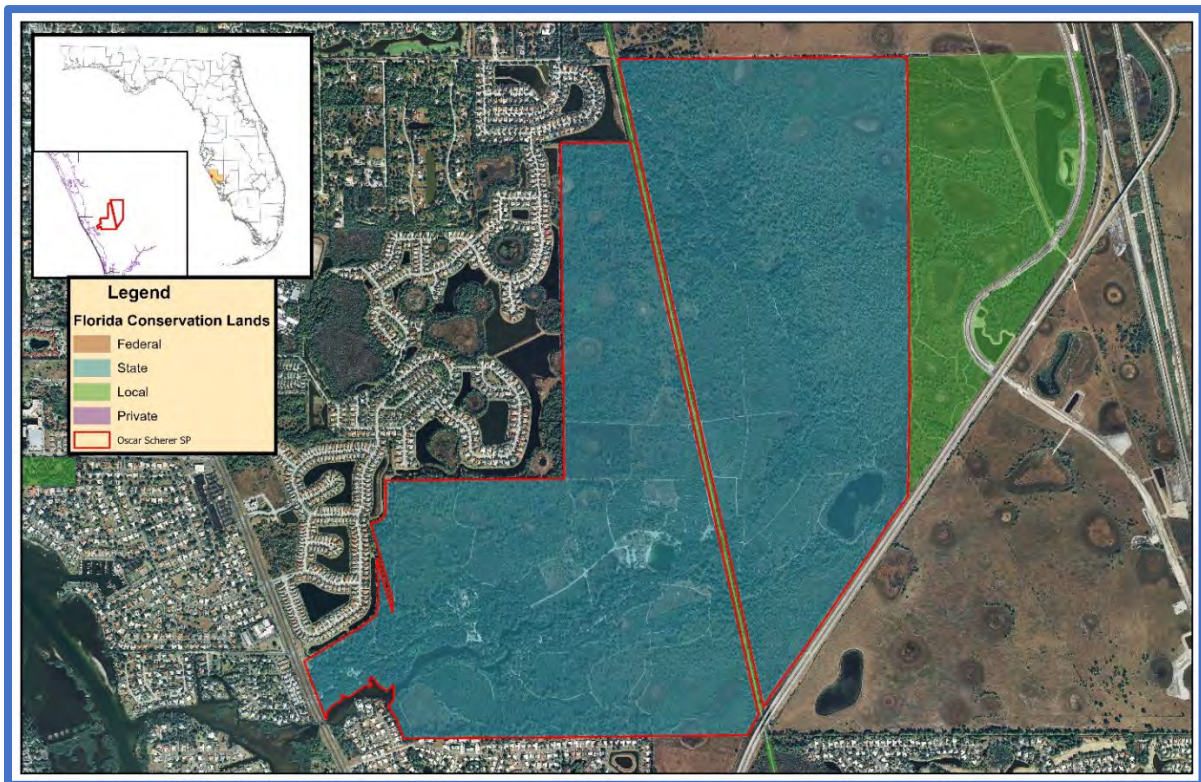
Review Team Members (voting)

- Allison Callis, DRP District
- Tony Clements, Local Gov't.
- Ethan Noel, FWC
- Tatum Updegraff, DEP District
- Mike Edwards, FFS
- SWFWMD, None
- Conservation Org., None
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Jonathan Meyer
- Matthew Hodge
- Karen Rogers
- Allison Bowman

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for the prescribed fire program and high level of maintenance of area being burned, fire return intervals and quality of burns. (5+, 0-)
2. The team commends the staff for the hydrological restoration of the depression marshes. (5+, 0-)
3. The team commends the staff on continued Florida Scrub-Jay management and restoration of habitat. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic flatwoods, mesic hammock, scrubby flatwoods, depression marsh, blackwater stream, marine tidal marsh, and marine tidal swamp.**
2. **Listed species, animals and plants in general, and specifically Florida scrub jay, gopher tortoise, gopher frog, and bald eagle.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency, and quality.**

Table 21: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.20	3.76
Prescribed Fire / Habitat Restoration	4.71	4.21
Hydrology	4.57	3.82
Imperiled Species	4.54	4.17
Exotic / Invasive Species	4.50	4.03
Cultural Resources	4.13	4.20
Public Access / Education / Law Enforcement	4.62	3.88
Infrastructure / Equipment / Staffing	3.97	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

6. **Restoration, specifically scrubby flatwoods, mesic flatwoods, and depression marsh.**
7. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
8. **Hydro-alteration, specifically roads and culverts, ditches, and hydroperiod alteration.**
9. **Ground water monitoring, specifically quality, and quantity.**
10. **Surface water monitoring, specifically quality, and quantity.**
11. **Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
12. **Adjacent property concerns, specifically expanding development, highway improvements, and inholdings and additions.**
13. **Public access, specifically roads, parking, and boat access.**
14. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
15. **Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

T. H. Stone Memorial St. Joseph Peninsula State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 2,790

County: Gulf

Purpose(s) for Acquisition: For public park and public recreational purposes.

Acquisition Program(s): LATF

Original Acquisition Date: 2/4/64

Area Reviewed: Entire Property

Last Management Plan Approval Date: 7/7/14

Review Date: 3/16/22

Agency Manager and Key Staff:

- Aaron Miller, Park Manager
- Mark Wimberly, Park Ranger
- Melissa Shoemaker, Park Service Specialist

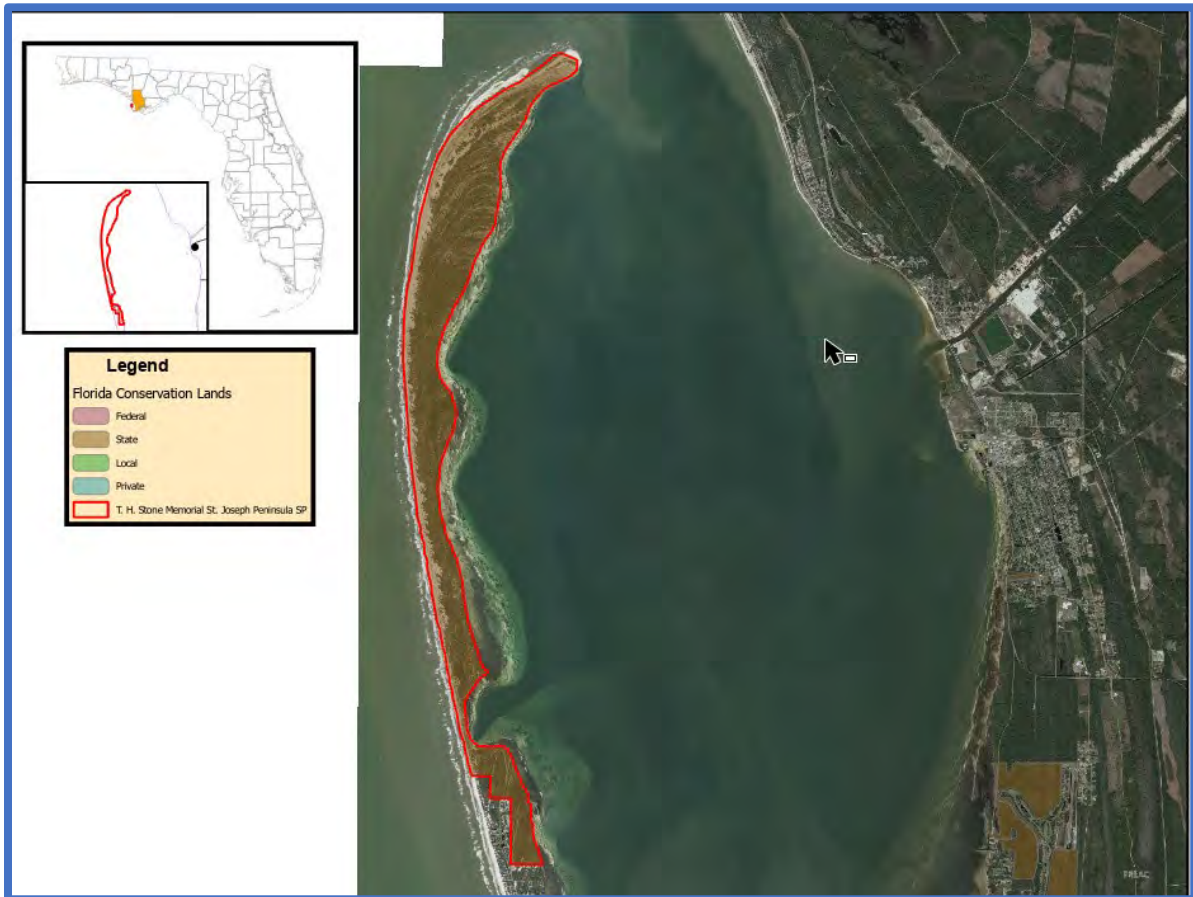
Review Team Members (voting)

- Daryl Hatfield, DRP District
- Local Gov't., None
- Michael Sisson, FWC
- Mark Gillman, DEP District
- Shelly Wayte, FFS
- Sean Creel, NFWFMD
- Conservation Org., None
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Jonathan Brucker, DEP/RCP
- Jessica Graham, FSU

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 5, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 5, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) for completing the timber assessment at the park. (5+, 0-)
2. The team commends the management team for their willingness to take on the responsibility for imperiled species monitoring activities associated with sea turtles and beach mice. (5+, 0-)
3. The team commends the Park and Park Planning staff for the redevelopment/restoration of the park. The new plan accommodates public use needs while considering resiliency of the park. (5+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically beach dune, coastal grassland, mesic flatwoods, scrub, scrubby flatwoods, shell mound, wet flatwoods, basin marsh, basin swamp, coastal interdunal swale, salt marsh, wet prairie, estuarine unconsolidated substrate and marine unconsolidated substrate.**
2. **Listed species, animals and plants in general, and specifically nesting shorebirds, sea turtles, and St. Andrews beach mouse.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**

Table 22: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.63	4.21
Prescribed Fire / Habitat Restoration	4.43	4.57
Hydrology	5.00	5.00
Imperiled Species	4.88	4.96
Exotic / Invasive Species	4.37	4.23
Cultural Resources	4.50	4.80
Public Access / Education / Law Enforcement	4.72	4.81
Infrastructure / Equipment / Staffing	4.70	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

4. Cultural resources, specifically cultural resource survey, and protection and preservation.
5. Prescribed fire, specifically area being burned, frequency, and quality.
6. Restoration specifically borrow pit to basin marsh.
7. Forest management, specifically timber inventory.
8. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.
9. Hydro-alteration, specifically roads and culverts, and ditches.
10. Resource protection, specifically boundary survey, gates and fencing, and signage.
11. Adjacent property concerns, specifically expanding development, and inholdings and additions.
12. Public access, specifically roads, parking, and boat access.
13. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.
14. Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff, and funding.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

St. Joseph Bay State Buffer Preserve

Managed by: Department of Environmental Protection, Office of Resilience and Coastal Protection

Acres: 5,018

County: Gulf

Purpose(s) for Acquisition: to provide protection for the aquatic resources of St. Joseph Bay Aquatic Preserve and for the conservation and restoration of environmentally sensitive ecosystems.

Acquisition Program(s): CARL/P2000

Original Acquisition Date: 1995

Area Reviewed: Entire Property

Last Management Plan Approval Date: 6/17/16

Review Date: 3/17/22

Agency Manager and Key Staff:

- Dylan Shoemaker, Manager

Review Team Members (voting)

- Daryl Hatfield, DRP District
- Local Gov't., None
- Michael Sisson, FWC
- Mark Gillman, DEP District

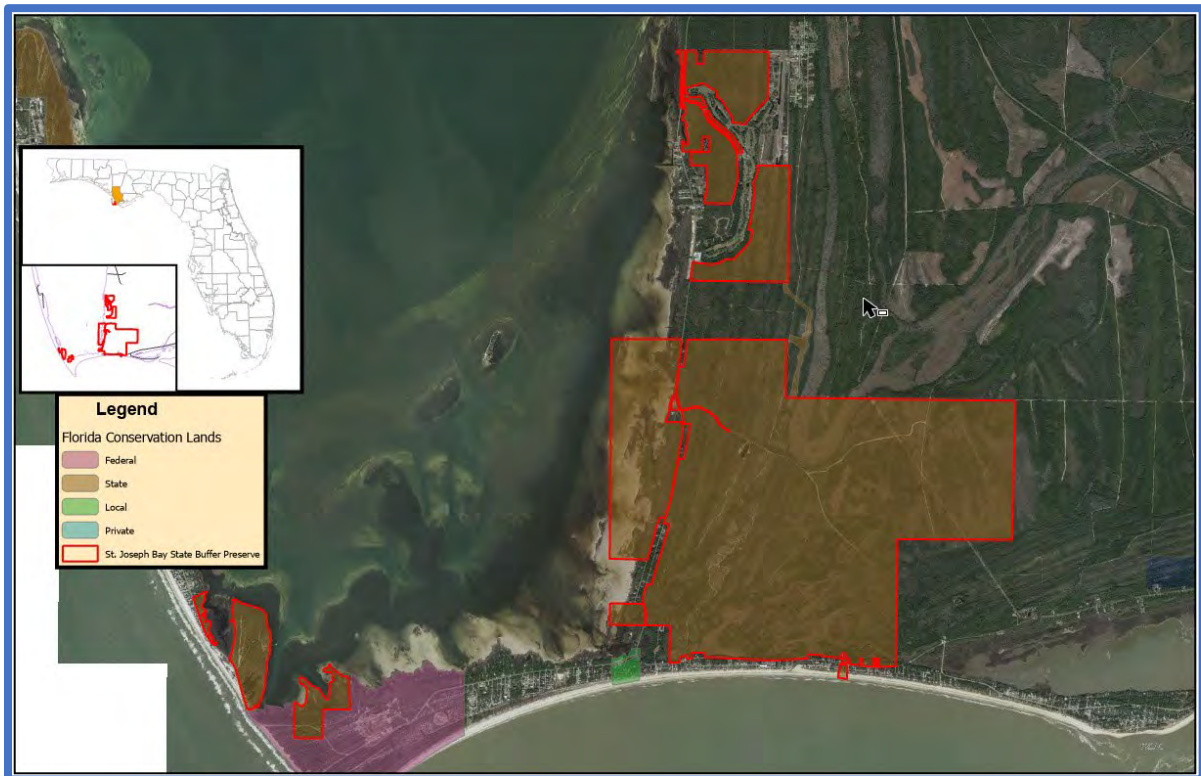
- Shelly Wayte, FFS
- Sean Creel, NFWMD
- John Kunzer, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Jonathan Brucker, DEP/RCP

- Jessica Graham, FSU
- Earl Pearson, DEP/RCP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the buffer preserve staff for their recovery efforts after Hurricane Michael. Restoring the facility, removing marine debris, and restoring access. (6+, 0-)
2. The team commends the staff for its efforts in improving hydrologic movement via low water crossings. (6+, 0-)
3. The team commends the staff for expanding and improving recreational activities including primitive camping and hiking. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically beach dune, blackwater stream, coastal grassland, coastal interdunal swale, depression marsh, dome swamp, maritime hammock, mesic flatwoods, salt marsh, sandhill, scrub, shrub bog, scrubby flatwoods, wet flatwoods, wet prairie, xeric hammock, and shell mound.**
2. **Listed species, animals and plants in general, and specifically gopher tortoise, and beach mouse.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**

Table 23: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.36	4.29
Prescribed Fire / Habitat Restoration	4.35	4.42
Hydrology	4.56	4.72
Imperiled Species	4.18	3.94
Exotic / Invasive Species	4.47	4.25
Cultural Resources	5.00	5.00
Public Access / Education / Law Enforcement	4.65	4.33
Infrastructure / Equipment / Staffing	4.33	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

4. Cultural resources, specifically cultural resource survey, and protection and preservation.
5. Prescribed fire, specifically area being burned, frequency, and quality.
6. Forest management, specifically timber inventory.
7. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.
8. Hydro-alteration, specifically roads and culverts.
9. Ground water monitoring, specifically quality, and quantity.
10. Surface water monitoring, specifically quality, and quantity.
11. Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.
12. Adjacent property concerns, specifically inholdings and additions.
13. Public access, specifically parking, and boat access.
14. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.
15. Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Adjacent Property Concerns, specifically discussion of potential surplus land determination, received a below average score. This is an indication that the management plan does not sufficiently address adjacent property.**

Managing Agency Response: Staff have not yet begun writing the newest update to the Buffer Preserve Unit Management Plan, but a discussion on potential surplus lands will be included in the next plan, based on determinations of surplus lands in our upcoming NERR management plans, and feedback from those. Staff will also review other unit management plans recently approved by ARC for additional examples.

Tate's Hell State Forest

Managed by: Department of Agriculture and Consumer Services, Florida Forest Service

Acres: 202,436

County: Franklin, Liberty

Purpose(s) for Acquisition:

Acquisition Program(s): CARL, SOR, P2000, Florida Forever

Original Acquisition Date: 2/8/94

Area Reviewed: Entire Property

Last Management Plan Approval Date: 10/18/19

Review Date: 4/21/22

Agency Manager and Key Staff:

- Aaron Kim, Manager
- Alex Skovronsky
- Jason Love, FFS
- Robert Lide, NFWMD
- Sandy Tedder, Conservation Org.
- Private Land Manager, None
- Tannyr Lamica Bush, DEP/DRP
- James Parker, DEP/DSL

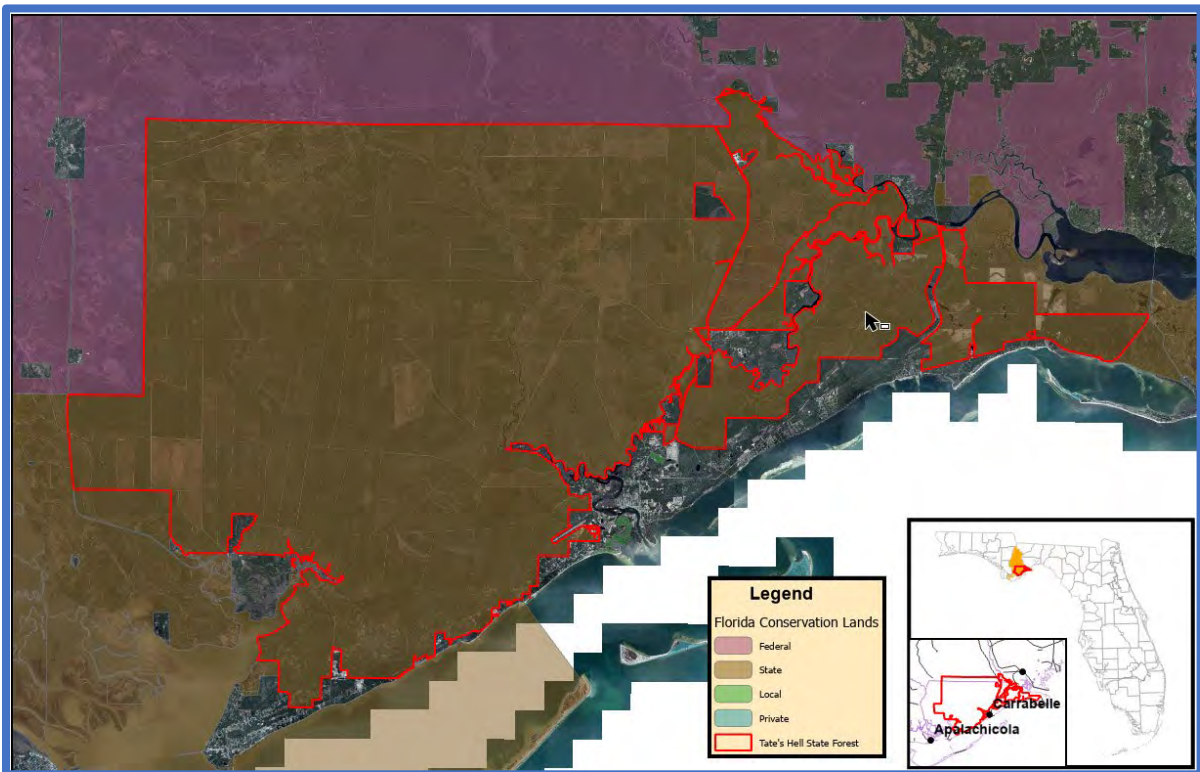
Review Team Members (voting)

- India Hodges, DRP District
- Mark Curenton, Local Gov't.
- Philip Schulte, FWC
- Mark Gillman, DEP District

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Caitlyn Snyder, DEP/RCP

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Forest Service (FFS) staff for implementing geospatial tools and databases for increased efficiency, accuracy, and assimilation of field data towards tracking management goals. (7+, 0-)
2. The team commends FFS for their incredibly well-managed invasive species control program, with the most up-to-date methods available. (7+, 0-)
3. The team commends FFS for sustainably maintaining and increasing recreation opportunities for a diversity of users. (7+, 0-)
4. The team commends FFS staff for their robust prescribed fire program in safe implementation, planning, wildfire mitigation, outreach within the community and towards restoration at targeted sites. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically wet flatwoods, basin swamp, mesic flatwoods, wet prairie, shrub bog, baygall, floodplain swamp, dome swamp, bottomland forest, floodplain marsh, scrubby flatwoods, scrub, basin marsh, sandhill, blackwater stream, depression marsh, and swamp lake.**

Table 24: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review	
Natural Communities / Forest Management	4.93	4.75	
Prescribed Fire / Habitat Restoration	4.76	4.85	
Hydrology	4.65	4.38	
Imperiled Species	4.70	4.59	
Exotic / Invasive Species	4.52	4.49	
Cultural Resources	5.00	5.00	
Public Access / Education / Law Enforcement	4.97	4.75	
Infrastructure / Equipment / Staffing	4.50	N/A	
Color Code (See Appendix A for detail)			
Excellent	Above Average	Below Average	Poor

2. **Listed species, listed animal and plant species in general, and specifically red-cockaded woodpecker, flatwoods salamander, and gopher tortoise.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency and quality.**
6. **Restoration, specifically hydrology, and flatwoods thinning.**
7. **Forest management, specifically timber inventory, timber harvesting, reforestation/afforestation and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, and ditches.**
10. **Ground water monitoring, specifically quality and quantity.**
11. **Surface water monitoring, specifically quantity.**
12. **Resource protection, specifically boundary survey, gates and fencing, signage and law enforcement presence.**
13. **Adjacent property concerns, specifically inholdings and additions.**
14. **Public access, specifically parking, roads and boat access.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
16. **Management resources, specifically waste disposal, sanitary facilities, buildings, and equipment.**
17. **Short-term goals, specifically public access and recreational opportunities.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Wekiva River Basin State Parks

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 41,044

County: Orange, Lake

Purpose(s) for Acquisition:

Acquisition Program(s): LATF, EEL, CARL/P2000/Florida Forever **Original Acquisition Date:** 4/30/69

Area Reviewed: Entire Property

Last Management Plan Approval Date: 10/20/17

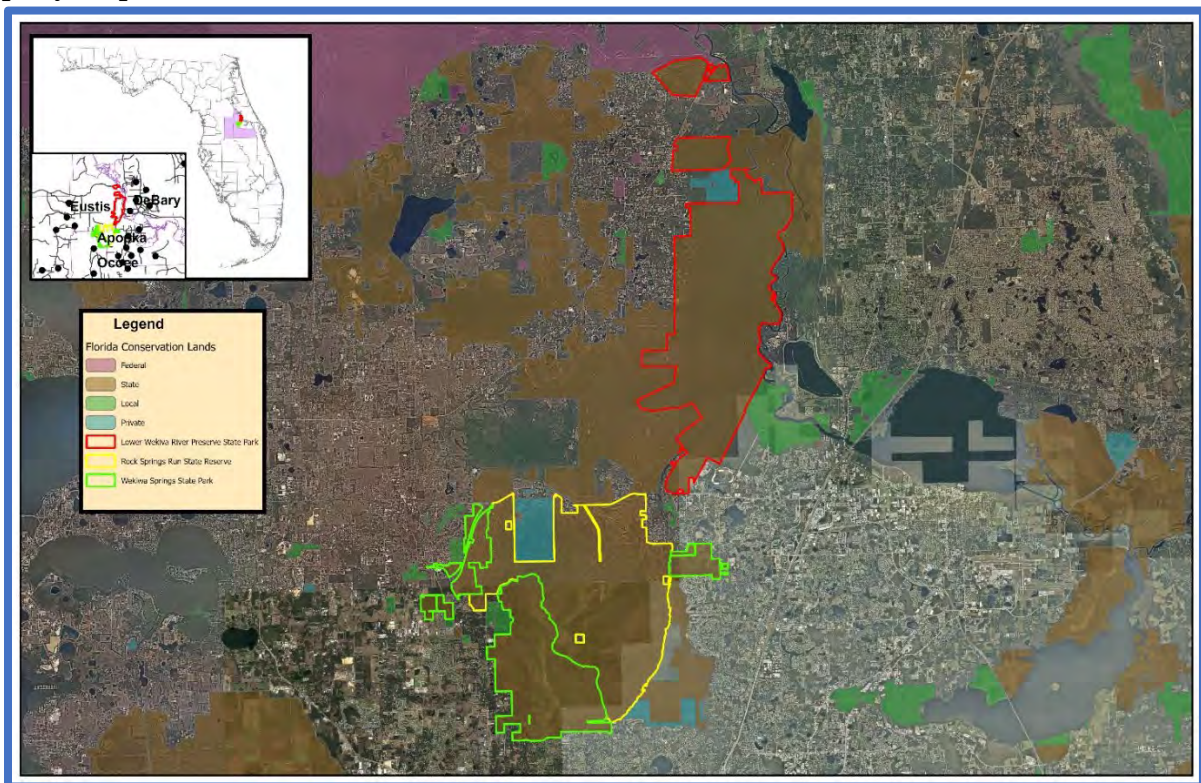
Review Date: 5/11/22

Agency Manager and Key Staff:

- Robert Brooks, Park Manager
- Paul Lammardo, Park Biologist
- Jason DePue, DRP District
- Mike Edwards, FFS
- Alicia Baxter, Local Gov't.
- Chris Kinslow, SJRWMD
- Jess Rodriguez, FWC
- Conservation Org., None
- Kim Seidl, DEP District
- Nancy Prine, Private Land Manager
- Keith Singleton, DEP/DSL
- Kris Campbell, FWC/IPM

Non-Team Members (attending)

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) staff for their exceptional prescribed fire management considering that these parks are adjacent to several highly populated counties in the state. (7+, 0-)
2. The team commends the park staff for completing a timber assessment and implementing a timber thinning to restore flatwoods and make prescribed burning easier. (7+, 0-)
3. The team commends the park staff for the past and current scrub restoration for Florida scrub-jays, monitoring of scrub-jays, and, and collaboration with FWC-FWRI to reintroduce scrub-jays onto the areas. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends that the FPS repair erosion issues near the spring during the winter months when visitor use is reduced. (7+, 0-)

Managing Agency Response: The Park Service currently has a project funded which will address the slope erosion to the south of the spring head at the use area. The south slope erosion project is scheduled to be constructed this calendar year, 2022. Further, the FPS is seeking funding to design, permit and complete another project identified for the canoe beach slope in the near future.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

Table 25: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.56	4.89
Prescribed Fire / Habitat Restoration	4.53	4.79
Hydrology	4.73	4.78
Imperiled Species	4.86	4.69
Exotic / Invasive Species	4.65	4.64
Cultural Resources	4.43	4.50
Public Access / Education / Law Enforcement	4.65	4.47
Infrastructure / Equipment / Staffing	4.14	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

1. Natural communities, specifically mesic flatwoods, sandhill, scrubby flatwoods, scrub, xeric hammock, wet flatwoods, dome swamp, floodplain marsh, floodplain swamp, hydric hammock, baygall, spring run stream, depression marsh, marsh lake, sinkhole lake, sandhill upland lake, blackwater stream, aquatic cave, mesic hammock, and sinkhole.
2. Listed species, animals and plants in general, and specifically scrub jay, gopher tortoise, striped newt, pitcher plants, angle pod, and spiny pod.
3. Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.
4. Cultural resources, specifically cultural resource survey, and protection and preservation.
5. Prescribed fire, specifically area being burned, frequency, and quality.
6. Restoration, specifically sandhill, scrub and hydrology.
7. Forest management, specifically timber inventory, timber harvesting, and reforestation/afforestation.
8. Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.
9. Hydro-alteration, specifically roads and culverts, ditches, hydro-period alteration, and erosion.
10. Ground water monitoring, specifically quality, and quantity.
11. Surface water monitoring, specifically quality, and quantity.
12. Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.
13. Adjacent property concerns, specifically expanding development, Wekiva Parkway, and inholdings and additions.
14. Public access, specifically roads, parking, and boat access.
15. Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.
16. Management resources, specifically waste disposal, sanitary facilities, and buildings.
17. Short-term goals, specifically habitat restoration and improvement, public access and recreational opportunities, hydrological preservation and restoration, capital facilities and infrastructure, cultural and historical resources, and imperiled species habitat maintenance.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Hilochee Wildlife Management Area

Managed by: Florida Fish and Wildlife Conservation Commission

Acres: 22,036

County: Lake, Polk

Purpose(s) for Acquisition: to conserve and protect habitat for native species or endangered and threatened species; to conserve, protect, manage, or restore important ecosystems, landscapes, and forests to enhance or protect significant surface water, coastal, recreational, timber, fish and wildlife resources, and to provide areas for natural-resource-based recreation.

Acquisition Program(s): CARL/P2000/Florida Forever

Original Acquisition Date: 9/30/94

Area Reviewed: Entire Property

Last Management Plan Approval Date: 10/20/17

Review Date: 5/13/22

Agency Manager and Key Staff:

- Phillip Rodgers, Manager
- Steve Brinkley, District Biologist
- Josh Agee, Regional Biologist
- Jennifer Myers, District Biologist

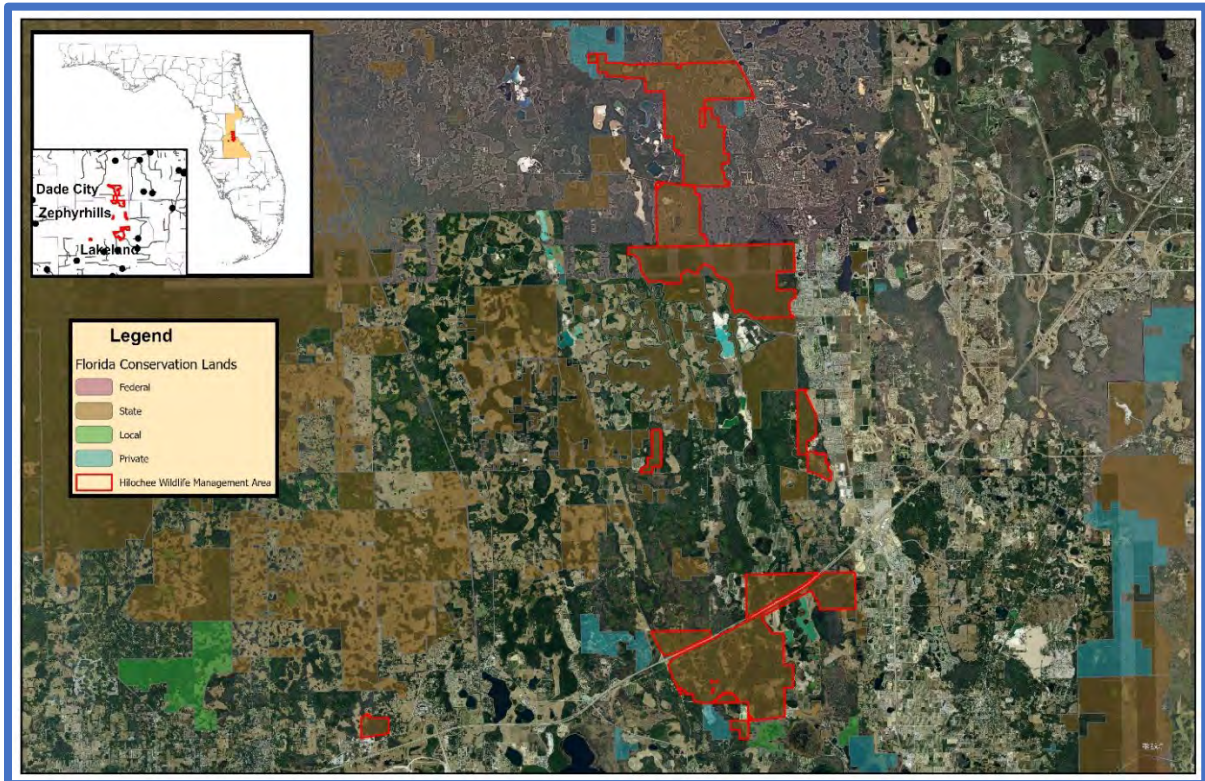
Review Team Members (voting)

- Chris Matson, DRP District
- Michael Edwards, FFS
- Brooke Coulter, Local Gov't.
- WMD, None
- Ethan Noel, FWC
- Lavon Silvernell, Conservation Org.
- Mary Rogers, DEP District
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Kris Campbell, FWC/IPM

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 6, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 6, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Fish and Wildlife Conservation Commission (FWC) for their sandhill strategic management area (SMA) using timber thinning and groundcover restoration to restore pine plantations and orange groves back to sandhills. (6+, 0-)
2. The team commends the FWC for continuing the prescribed fire program despite challenges such as increasing development and employee turnover. (6+, 0-)
3. The team commends the Fish and Wildlife Conservation Commission (FWC) for efforts to enhance wildlife habitat connectivity by supporting the DOT I-4 wildlife crossing. (6+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends FWC provide or allow for trailer homesites on some of the remote parcels to provide better management and security. (6+, 0-)

Managing Agency Response: The FWC will continue to explore the feasibility of providing additional onsite staff residence opportunities to promote management and security on the WMA.

2. The team recommends sanitary facilities be installed at the main parking areas of the larger tracts. (6+, 0-)

Managing Agency Response: The FWC will assess the need for and explore the feasibility of installing sanitary facilities in the parking areas of the larger tracts of the WMA.

Table 26: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.42	4.32
Prescribed Fire / Habitat Restoration	4.03	4.75
Hydrology	3.75	4.26
Imperiled Species	4.43	4.15
Exotic / Invasive Species	4.07	4.12
Cultural Resources	4.63	4.80
Public Access / Education / Law Enforcement	4.24	3.80
Infrastructure / Equipment / Staffing	3.75	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically basin swamp, baygall, mesic hammock, xeric hammock, mesic flatwoods, depression marsh, scrubby flatwoods, basin marsh, dome swamp, sandhill upland lake, wet flatwoods, and scrub.**
2. **Listed species, listed animals and plants in general and specifically pineland dependent species, southeastern American kestrel, Florida sandhill crane, and gopher tortoise.**
3. **Natural resources survey/monitoring resources, specifically sport fish or their habitat monitoring, listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically frequency, and quality.**
6. **Restoration, specifically restoration flatwoods.**
7. **Forest management, specifically timber inventory, and timber harvesting, reforestation/afforestation and site preparation.**
8. **Non-native, invasive, and problem species, specifically prevention and control of animals, and pests/pathogens.**
9. **Hydro-alteration specifically ditches.**
10. **Ground water monitoring, specifically quantity.**
11. **Resource protection, specifically boundary survey, gates and fencing, and signage.**
12. **Adjacent property concerns, specifically utility corridors.**
13. **Public access, specifically roads, and parking.**
14. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, recreational opportunities, and management of visitor impacts.**
15. **Management resources, specifically equipment, staff and funding.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Management Resources, specifically sanitary facilities, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: The FWC will assess the need for and the feasibility of installing sanitary facilities in the parking areas of the larger tracts of the WMA.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

1. **Managed Area Uses, Existing Uses, specifically billboard leases, received a below average score. This is an indication that the management plan does not sufficiently address managed area uses.**

Managing Agency Response: In the next Management Plan update, the FWC will supplement the existing content regarding billboard leases, which can be found in the current Management Plan in Section 3.1 Previous Use and Development (pg. 85) and Section 6.11 Cooperative Management and Special Uses (pg. 129). The FWC will include additional information regarding billboard leases in the appropriate section(s).

Salt Lake Wildlife Management Area

Managed by: Florida Fish and Wildlife Conservation Commission

Acres: 5,045

County: Brevard

Purpose(s) for Acquisition: To preserve a few of the best remaining fragments of coastal scrub in Indian River and Brevard Counties, thus helping to ensure the survival of the endangered scrub jay and scrub itself in the county, and providing areas where the public can learn about and appreciate this unique landscape.

Acquisition Program(s): P2000/Florida Forever

Original Acquisition Date: 12/7/99

Area Reviewed: Entire Property

Last Management Plan Approval Date: 8/19/16

Review Date: 6/8/22

Agency Manager and Key Staff:

- David Turner, Manager
- Tom Shupe, District Biologist
- Matthew Hortman, Regional Biologist
- Matt Vance

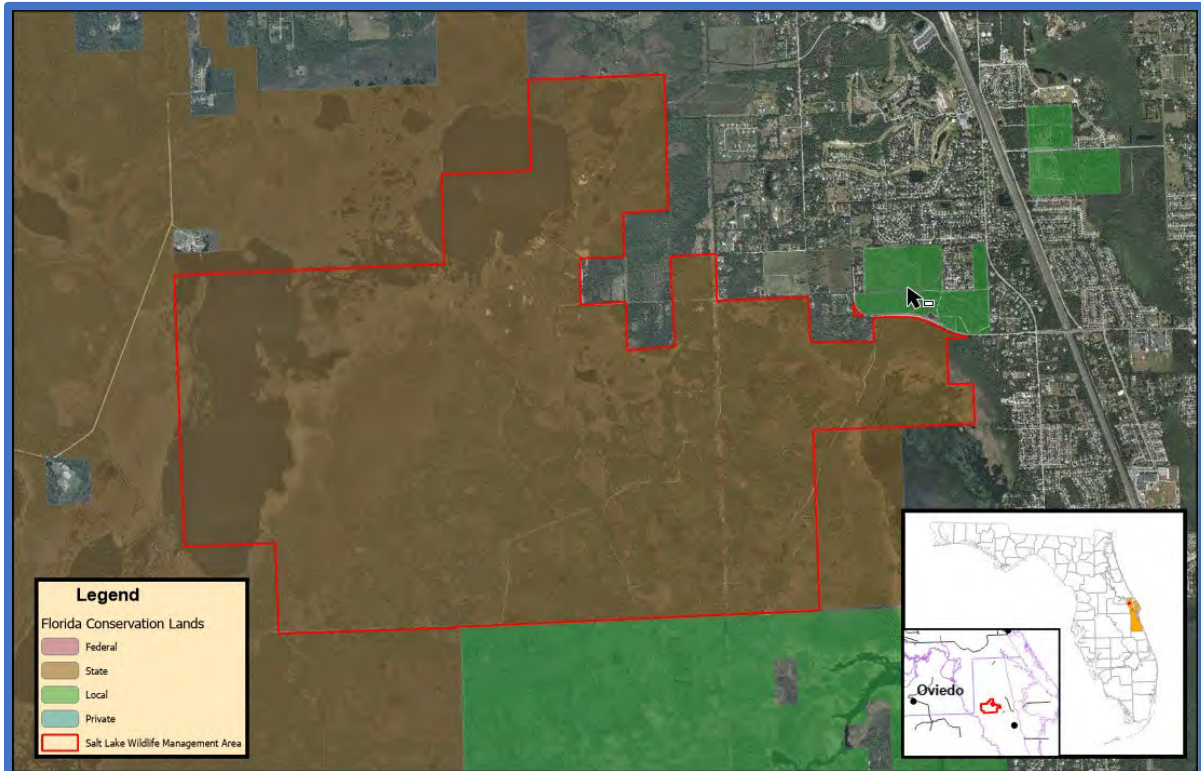
Review Team Members (voting)

- Samantha McGee, DRP District
- Michael Edwards, FFS
- Mike Knight, Local Gov't.
- Graham Williams, SJRWMD
- Jess Rodriguez, FWC
- Vince Lamb, Conservation Org.
- Courtney Puckett, DEP District
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Fish and Wildlife Conservation Commission (FWC) for their aggressive efforts in the control of invasive plant species. (7+, 0-)
2. The team commends the FWC staff for experimenting with management techniques/rotations to overcome management challenges and enhance habitat for wildlife, and for their ongoing efforts to monitor the effects of the experimental treatments. (7+, 0-)
3. The team commends the manager and staff for their efforts to keep frequent fire on the landscape and for the quality of burns that have been carried out. (7+, 0-)
4. The team commends the staff for their efforts to protect the unique shoreline of Salt Lake from negative human impacts. (7+, 0-)
5. The team commends the staff for ensuring this property is well covered by survey efforts for the Black Rail and for their efforts to manage potential habitat in an appropriate manner to benefit this species. (7+, 0-)
6. The team commends the manager and staff for prioritization of limiting the feral hog population. (7+, 0-)
7. The team commends the staff for their prior and ongoing efforts to clean up solid waste and other refuse from the property. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

1. The team recommends FWC explore the creation of sandy openings in scrub habitat to benefit scrub dependent species. (7+, 0-)

Table 27: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.33	4.39
Prescribed Fire / Habitat Restoration	4.32	4.65
Hydrology	4.42	4.19
Imperiled Species	4.39	4.45
Exotic / Invasive Species	4.60	4.67
Cultural Resources	4.64	4.58
Public Access / Education / Law Enforcement	4.68	4.43
Infrastructure / Equipment / Staffing	4.45	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

Managing Agency Response: The FWC will investigate and implement treatments in the currently managed scrub as well as the newly acquired Mancini Tract to create and promote openings with bare, sandy ground as appropriate.

2. The team recommends WMA staff continue collaborating with adjacent agencies on spraying and burning, and to explore assistance from other agencies and regional FWC staff to assist with management efforts. (7+, 0-)

Managing Agency Response: The FWC will continue to collaborate with cooperative agencies and neighboring landowners/managers to treat and control invasives and to increase prescribed burn efforts on the WMA and surrounding lands. FWC staff will continue to recruit and utilize regional FWC staff and volunteers to enhance management efforts.

3. The team recommends staff continue to evaluate former dipping vat sites on the property and assess the need for, and feasibility of, any potential remediation efforts. (7+, 0-)

Managing Agency Response: The FWC will investigate the need for, and feasibility of, remediation efforts at the one former dipping vat site located on the WMA.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically basin marsh, basin swamp, baygall, depression marsh, hydric hammock, mesic flatwoods, mesic hammock, flatwoods/prairie/marsh lake, scrub, scrubby flatwoods and wet flatwoods.**
2. **Listed species, listed animals and plants in general and specifically scrub-jay, gopher tortoise, and black rail.**
3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency, and quality.**
6. **Restoration, specifically scrub and hydrologic restoration.**
7. **Forest management, specifically timber inventory.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, ditches and hydro-period alteration.**
10. **Ground water monitoring, specifically quality, and quantity.**
11. **Surface water monitoring, specifically quantity.**
12. **Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
13. **Adjacent property concerns, specifically regarding the mitigation trust, sovereign submerged lands, and inholdings/additions.**
14. **Public access, specifically roads, parking, and boat access.**
15. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**

16. Management resources, specifically waste disposal, sanitary facilities, buildings, equipment, staff and funding.

17. Short-term goals, specifically habitat restoration and improvement, public access and recreational opportunities, hydrological preservation and restoration, sustainable forest management, exotic and invasive species maintenance and control, capital facilities and infrastructure, cultural and historical resources, and imperiled species habitat maintenance.

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

The review team scores did not identify items requiring improvement actions in the field.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

St. Sebastian River Preserve State Park

Managed by: Department of Environmental Protection, Florida Park Service

Acres: 21,348

County: Brevard, Indian River

Purpose(s) for Acquisition:

Acquisition Program(s): CARL/P2000/Florida Forever

Original Acquisition Date: 1/4/95

Area Reviewed: Entire Property

Last Management Plan Approval Date: 2/15/19

Review Date: 6/10/22

Agency Manager and Key Staff:

- Christopher Vandello, Park Manager
- Samantha McGee, Park Biologist

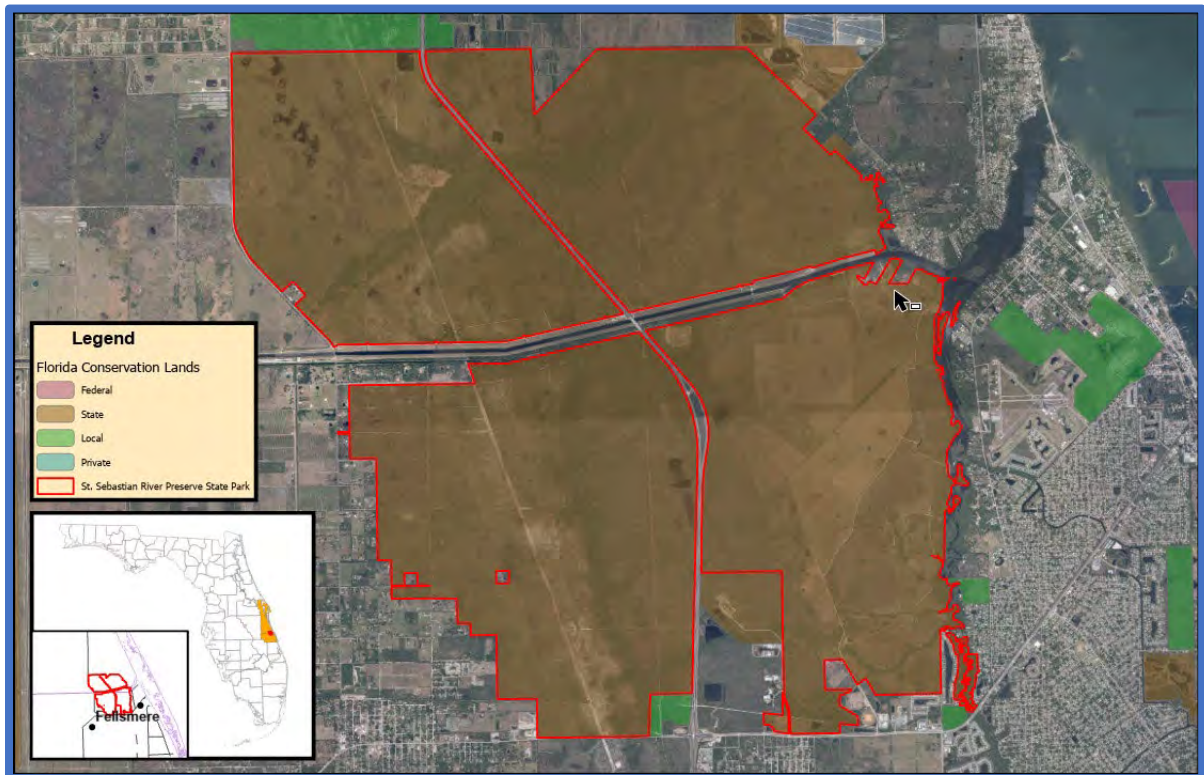
Review Team Members (voting)

- Mark Romagosa, DRP District
- Evan Hall, Local Gov't.
- Alex Kropp, FWC
- Hailey Ambrose, DEP District
- Mike Edwards, FFS
- Jonny Baker, SJRWMD
- Vince Lamb, Conservation Org.
- Private Land Manager, None

Non-Team Members (attending)

- Keith Singleton, DEP/DSL
- Caleb Siggins, DEP/SED

Property Map



Overview of Land Management Review Results

Is the property managed for purposes that are compatible with conservation, preservation, or recreation?

Yes = 7, No = 0

Are the management practices, including public access, in compliance with the management plan?

Yes = 7, No = 0

Table 1 shows the average scores received for each applicable category of review. Field Review scores refer to the adequacy of management actions in the field, while Management Plan Review scores refer to adequacy of discussion of these topics in the management plan. Scores range from 1 to 5 with 5 signifying excellence. For a more detailed key to the scores, please see Appendix A.

Consensus Commendations for the Managing Agency

The following commendations resulted from discussion and vote of the review team members:

1. The team commends the Florida Park Service (FPS) for their excellent application of prescribed fire on the landscape, and high level of burning within areas of smoke sensitivity. (7+, 0-)
2. The team commends the park staff and volunteers for the excellent work on the management of red-cockaded woodpecker and Florida scrub-jay that have increased the numbers of individuals and family groups. (7+, 0-)
3. The team commends the park staff on the groundcover restoration effort in the flatwoods using high quality chopping and burning. (7+, 0-)
4. The team commends the park staff for their efforts monitoring imperiled and nongame species of greater conservation need at the park. (7+, 0-)

Consensus Recommendations to the Managing Agency

The following recommendations resulted from a discussion and vote of review team members. The next management plan update should include information about how these recommendations have been addressed:

There were no consensus recommendations.

Field Review Checklist Findings

The following items received high scores on the review team checklist, which indicates that management actions exceeded expectations.

1. **Natural communities, specifically mesic flatwoods, sandhill, scrub, scrubby flatwoods, upland hardwood forest, xeric hammock, basin swamp, baygall, bottomland forest, depression marsh, dome swamp, floodplain marsh, floodplain swamp, hydric hammock seepage slope, strand swamp, wet flatwoods, wet prairie, blackwater stream and estuarine tidal swamp.**
2. **Listed species, animals and plants in general, and specifically red cockaded woodpeckers, scrub-jay, pitcher plant, and hand fern.**

Table 28: Results at a glance.

Major Land Management Categories	Field Review	Management Plan Review
Natural Communities / Forest Management	4.60	4.88
Prescribed Fire / Habitat Restoration	4.83	4.89
Hydrology	4.48	4.83
Imperiled Species	4.85	4.61
Exotic / Invasive Species	4.64	4.64
Cultural Resources	4.08	4.25
Public Access / Education / Law Enforcement	4.75	4.35
Infrastructure / Equipment / Staffing	3.69	N/A
Color Code (See Appendix A for detail)		
Excellent	Above Average	Below Average
		Poor

3. **Natural resources survey/monitoring resources, specifically listed species or their habitat monitoring, other non-game species or their habitat monitoring, fire effects monitoring, other habitat management effects monitoring, and invasive species survey and monitoring.**
4. **Cultural resources, specifically cultural resource survey, and protection and preservation.**
5. **Prescribed fire, specifically area being burned, frequency, and quality.**
6. **Restoration, specifically scrub/scrubby flatwoods, mesic flatwoods, and hydrology.**
7. **Forest management, specifically timber inventory, and timber harvesting.**
8. **Non-native, invasive, and problem species, specifically prevention and control of plants, animals, and pests/pathogens.**
9. **Hydro-alteration, specifically roads and culverts, ditches, hydro-period alteration, and water level alteration.**
10. **Resource protection, specifically boundary survey, gates and fencing, signage, and law enforcement presence.**
11. **Adjacent property concerns, specifically expanding development, I-95, and inholdings and additions.**
12. **Public access, specifically roads, parking, and boat access.**
13. **Environmental education and outreach, specifically wildlife, invasive species, habitat management activities, interpretive facilities and signs, recreational opportunities, and management of visitor impacts.**
14. **Management resources, specifically waste disposal, buildings, and equipment.**
15. **Short-term goals, specifically habitat restoration and improvement, public access and recreational opportunities, hydrological preservation and restoration, cultural and historical resources, and imperiled species habitat maintenance.**

Items Requiring Improvement Actions in the Field

The following items received low scores on the review team checklist, which indicates that management actions noted during the Field Review were not considered sufficient (less than 3.0 score on average). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The management plan update should include information on how these items have been addressed:

1. **Management Resources, specifically staff, received a below average score. The review team is asked to evaluate, based on information provided by the managing agency, whether management resources are sufficient.**

Managing Agency Response: While the review concluded that staffing is insufficient to address the scale of resource management, maintenance, and visitor services, it's important to note that additional staff can only be assigned to this park if appropriated by the Legislature or reassigned from other parks. Funding is determined annually by the Florida Legislature.

Items Requiring Improvements in the Management Plan

The following items received low scores on the review team checklist, which indicates that the text noted in the Management Plan Review does not sufficiently address this issue (less than 3.0 score on average.). Please note that overall good scores do not preclude specific recommendations by the review team requiring remediation. The next management plan update should address the checklist items identified below:

The review team scores did not identify items requiring improvements in the management plan.

Appendix A. Scoring System Detail

Explanation of Consensus Commendations:

Often, the exceptional condition of some of the property's attributes impress review team members. In those instances, team members are encouraged to offer positive feedback to the managing agency in the form of a commendation. The teams develop commendations generally by standard consensus processes or by majority vote if they cannot obtain a true consensus.

Explanation of Consensus Recommendations:

Subsection 259.036(2), F.S., specifically states that the managing entity shall consider the findings and recommendations of the land management review. We ask team members to provide general recommendations for improving the management or public access and use of the property. The teams discuss these recommendations and develop consensus recommendations as described above. We provide these recommendations to the managing agency to consider when finalizing the required ten-year management plan update. We encourage the manager to respond directly to these recommendations and include their responses in the final report when received in a timely manner.

Explanation of Field Review Checklist and Scores, and Management Plan Review Checklist and Scores:

We provide team members with a checklist to fill out during the evaluation workshop phase of the Land Management Review. The checklist is the uniform tool used to evaluate both the management actions and condition of the managed area, and the sufficiency of the management plan elements. During the evaluation workshop, team members individually provide scores on each issue on the checklist, from their individual perspective. Team members also base their evaluations on information provided by the managing agency staff as well as other team member discussions. Staff averages these scores to evaluate the overall conditions on the ground, and how the management plan addresses the issues. Team members must score each management issue 1 to 5: 1 being the management practices are clearly insufficient, and 5 being that the management practices are excellent. Members may choose to abstain if they have inadequate expertise or information to make a cardinal numeric choice, as indicated by an "X" on the checklist scores, or they may not provide a vote for other unknown reasons, as indicated by a blank. If a majority of members failed to vote on any issue, that issue is determined to be irrelevant to management of that property or it was inadequately reviewed by the team to make an intelligent choice. In either case staff eliminated the issue from the report to the manager.

Average scores are interpreted as follows:

- Scores 4.0 to 5.0 are Excellent
- Scores 3.0 to 3.99 are Above Average
- Scores 2.0 to 2.99 are Below Average
- Scores 1.0 to 1.99 are considered Poor