

2013–2023 RESOURCE MANAGEMENT PLAN

FOR THE

PALATLAKAHA ENVIRONMENTAL AND AGRICULTURAL RESERVE (P.E.A.R.) PARK



PREPARED BY

PARKS AND TRAILS DIVISION

SUBMITTED

September 10, 2013

**PALATLAKAHA ENVIRONMENTAL AND AGRICULTURAL RESERVE
(P.E.A.R.) PARK**

Management Plan Compliance Checklist – Natural Resource Lands	Page
18-2.021 Acquisition and Restoration Council	
1. Executive Summary. This should be included in the packet and should be the first page.	1
Management Plans. Plans submitted to the division for ARC review under the requirements of Section 253.034 F.S. should be in a form and manner prescribed by rule by the board and in accordance with the provisions of S.259.032 and should contain where applicable to the management of resources the following:	
2. The common name of the property.	2
3. A map showing the location and boundaries of the property plus any structures or improvements to the property.	22-25,56
4. The legal description and acreage of the property.	2, 22
5. The degree of title interest held by the Board, including reservations and encumbrances such as leases.	1,2,7,8, 22
6. The land acquisition program, if any, under which the property was acquired.	2
7. The designated single use or multiple use management for the property, including other managing agencies.	1
8. Proximity of property to other significant State/local/federal land and water resources.	23
9. A statement as to whether the property is within an Aquatic Preserve or a designated Area of Critical State Concern or an area under study for such designation. If yes, make sure appropriate managing agencies are notified of the plan.	3-4
The location and description of known and reasonably identifiable renewable and non-renewable resources of the property, including, but not limited to, the following:	
A. Brief description of soil types, using USDA maps when available.	3, 25-26
B. Archaeological and historical resources.	2, 24
C. Water resources including the water quality classification for each waterbody and the identification of any such water body that is designated as an Outstanding Florida Waters.	3-6
D. Fish and wildlife and their habitat.	5
E. State and federally listed endangered or threatened species and their habitat.	5-6
F. Beaches and dunes	4
G. Swamps, marshes, and other wetlands	3-6
H. Mineral resources, such as oil, gas and phosphate.	3
I. Unique natural features, such as coral reefs, natural springs, caverns, large sinkholes, virgin timber stands, scenic vistas, and natural rivers and streams	3-5
J. Outstanding native landscapes containing relatively unaltered flora, fauna, and geological conditions.	3-5
10. A description of actions the agency plans, to locate and identify unknown resources such as surveys of unknown archaeological historical resources.	8, 12
11. The identification of resources on the property that are listed in the Florida Natural Areas Inventory.	27-30
12. A description of past uses, including any unauthorized uses of the property.	2-3
13. A detailed description of existing and planned use(s) of the property	9-18
14. A description of alternative or multiple uses of the property considered by the managing agency and an explanation of why such uses were not adopted.	6

15. A detailed assessment of the impact of planned uses on the renewable and non-renewable resources of the property and a detailed description of the specific actions that will be taken to protect, enhance and conserve these resources and to mitigate damage caused by such uses.	12-18
16. A description of management needs and problems for the property.	12-18
17. Identification of adjacent land uses that conflict with the planned use of the property, if any.	7-8
18. A description of legislative or executive directives that constrain the use of such property.	7-8
19. A finding regarding whether each planned use complies with the State Lands Management Plan adopted by the Trustees on March 17, 1981, and incorporated herein by reference, particularly whether such uses represent “balanced public utilization”, specific agency statutory authority, and other legislative or executive constraints.	7-8
20. As assessment as to whether the property, or any portion, should be declared surplus.	1-2
21. Identification of other parcels of land within or immediately adjacent to the property that should be purchased because they are essential to management of the property. Clearly defined map of parcels can be used.	1-2
22. A description of the management responsibilities of each agency and how such responsibilities will be coordinated, including a provision that requires that the managing agency consult with the Division of Archives, History and Records Management before taking actions that may adversely affect archaeological or historic resources.	8-10
23. A statement concerning the extent of public involvement and local government participation in the development of the plan, if any, including a summary of comments and concerns expressed.	8-9
Additional Requirements—Per Trustees	
24. Letter of Compliance of the management plan with the local Government Comprehensive Plan. Letter from local government saying that the plan is in compliance with local government’s comprehensive plan.	31-32
253.034 State-Owned Lands; Uses. –Each entity managing conservation lands shall submit to the Division of State Lands a land management plan at least every 10 years in a form and manner prescribed by rule by the Board.	
25. All management plans, whether for single-use or multiple-use properties shall specifically describe how the managing entity plans to identify, locate, protect and preserve, or otherwise use fragile nonrenewable resources, such as archaeological and historic sites, as well as other fragile resources, including endangered plant and animal species.	7-9,12-18
26. The management plan shall provide for the conservation of soil and water resources and for the control and prevention of soil erosion.	12-18
27. Land management plans submitted by an entity shall include reference to appropriate statutory authority for such use or uses and shall conform to the appropriate policies and guidelines of the state land management plan.	7-8
28. All land management plans for parcels larger than 1,000 acres shall contain an analysis of the multiple-use potential of the parcel, which analysis shall include the potential of the parcel to generate revenues to enhance the management of the parcel.	N/A

29. Additionally, the land management plan shall contain an analysis of the potential use of private managers to facilitate the restoration or management of these lands.	9
30. A physical description of the land.	1-6
31. A desired outcome.	6
32. A quantitative data description of the land which includes an inventory of forest and other natural resources; exotic and invasive plants; hydrological features; infrastructure, including recreational facilities; and other significant land, cultural, or historical features.	3-6
33. A detailed description of each short-term and long-term land management goal, the associated measurable objectives, and the related activities that are to be performed to meet the land management objectives, Each land management objective must be addressed by the land management plan, and where practicable	13-18
34. A schedule of land management activities which contains short-term and long-term management goal, the associated measurable objectives, and the related activities that are to be performed to meet the land management objectives. Each land management objective must be addressed by the land management plan, and where practicable, no land management objective shall be performed to the detriment of the other land management activities.	13-18
35. A summary budget for the scheduled land management activities of the land management plan. For state lands containing or anticipated to contained imperiled species habitat, the summary budget shall include any fees anticipated from public or private entities for projects to offset adverse impacts to imperiled species or such habitats, which fees shall be used solely to restore, manage, enhance, repopulate or acquire imperiled species habitat. The summary budget shall be prepared in such a manner that it facilitates computing an aggregate of land management costs for all state-managed lands using the categories described in s.259.037(3).	57-59
36. <i>Each management plan shall describe both short-term and long-term management goals, and include measurable objectives to achieve those goals. Short-term and long-term management goals shall include measurable objectives for the following, as appropriate:</i>	
(A) Habitat restoration and improvement;	13-14
(B) Public access and recreational opportunities;	17-18
(C) Hydrological preservation and restoration;	14-15
(D) Sustainable forest management;	13-14
(E) Exotic and invasive species maintenance and control;	12-13
(F) Capital facilities and infrastructure;	17-18
(G) Cultural and historical resources;	8,12
(H) Imperiled species habitat maintenance, enhancement, restoration, or population restoration	18

253.036 Forest Management	
37. For all land management plans for parcels larger than 1,000 acres, the lead agency shall prepare the analysis, which shall contain a component or section prepared by a qualified professional forester which assesses the feasibility of managing timber resources on the parcel for resource conservation and revenue generation purposes through a stewardship ethic that embraces sustainable forest management practices if the lead management agency determines that the timber resource management is not in conflict with the primary management objectives of the parcel.	N/A
(10)(a) State, regional or local governmental agencies or private entities designated to manage lands under this section shall develop and adopt, with the approval of the Board of Trustees, an individual management plan for each project designed to conserve and protect such lands and their associated natural resources. Private sector involvement in management plan development may be used to expedite the planning process.	
38. Individual management plans required by s. 259.032(10)(b), for parcels over 160 acres, shall be developed with input from an advisory group – Management plan should list advisory group members and affiliations.	7-9,33-55
39. The advisory group shall conduct at least one public hearing in each county in which the parcel or project is located. Managing agency should provide DSL/OES with documentation showing date and location of public hearing.	8-9,33-55
40. Notice of such public hearing shall be posted on the parcel or project designated for management, advertised in a paper of general circulation, and announced at a scheduled meeting of the local governing body before the actual public hearing. Managing agency should provide DSL/OES with copy of notice.	8-9,33-55
41. The management prospectus required pursuant to 259.032 (9)(d) shall be available to the public for a period of 30 days prior to the public hearing.	9
42. Summary of Advisory Group Meeting should be provided to DSL/OES.	8
43. Individual management plans shall conform to the appropriate policies and guidelines of the state land management plan and shall include, but not be limited to:	
A. A statement of the purpose for which the lands were acquired, the projected use of uses as defined in s. 253.034, and the statutory authority for such use or uses.	2, 7–8
B. Key management activities necessary to achieve the desired outcomes, including, but not limited to, providing public access, preserving and protecting natural resources, protecting cultural and historical resources, restoring habitat, protecting threatened and endangered species, controlling the spread of nonnative plants and animals, performing prescribed fire activities, and other appropriate resource management activities.	12–18
C. A specific description of how the managing agency plans to identify, locate, protect, and preserve, or otherwise use fragile, nonrenewable natural and cultural resources.	8-9, 12–20
D. A priority schedule for conducting management activities, based on the purposes for which the lands were acquired. The schedule must include a goal, an objective, and a time frame for completion.	12–18
E. A cost estimate for conducting priority management activities, to include recommendations for cost-effective methods of accomplishing those activities. <i>Using categories as adopted pursuant to 259.037, F.S., is suggested. These are: (1) Resource Management; (2) Administration; (3) Support; (4) Capital Improvements; (5) Visitor Services/Recreation; and (6) Law Enforcement.</i>	57-59

F. A cost estimate for conducting other management activities which would enhance the natural resource value or public recreation value for which the lands were acquired. The cost estimate shall include recommendations for cost-effective methods of accomplishing those activities. <i>Using categories as adopted pursuant to 259.037, F.S., is suggested. These are: (1) Resource Management; (2) Administration; (3) Support; (4) Capital Improvements; (5) Visitor Services/Recreation; and (6) Law Enforcement. Include approximate monetary cost and cost effective methods. Can be placed in the appendix.</i>	57-59
44. A determination of the public uses and public access that would be consistent with the purposes for which the lands were acquired.	6
259.036 Management Review Teams.	
45. The managing agency shall consider the findings and recommendations of the land management review team in finalizing the required 10-year update of its management plan. Can be addressed in the body of the plan or addressed in an appendix. If not in agreement, the managing agency should reply in a statement in the appendix.	N/A
Other Requirements	
46. This checklist table at front of plan (pursuant to request of ARC and consensus agreement of managing agencies.)	YES
47. Accomplishments (implementation) from last plan (format variable by agency).	10–12
48. FNAI-based natural community maps (may differ from FNAI in some cases).	27–30
49. Fire management plans (either by inclusion or reference) (259.032).	13–15
50. A statement regarding incompatible uses [ref Ch. 253.034 (9)].	6
51. Cultural resources, including maps of all sites <u>except Native American sites</u> *	2,12, 24
52. Arthropod control plan.	82-84

TEN-YEAR RESOURCE MANAGEMENT PLAN
PALATLAKAHA ENVIRONMENTAL AND AGRICULTURAL RESERVE
(P.E.A.R.) PARK

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LAND MANAGEMENT PLAN EXECUTIVE SUMMARY

LEAD AGENCY: Lake County, Florida, Parks and Trails Division
COMMON NAME: Palatlakaha Environmental and Agricultural Reserve (P.E.A.R.) Park
LOCATION: Lake County, Florida
ACREAGE TOTAL: 318 acres

<u>Historical Natural Communities</u>	<u>Acreage</u>
Hardwood Forest	33
Flatwoods/Scrubby Flatwoods	56
Sandhill/Xeric Scrub	161
Ephemeral Wetland	14
Palatlakaha River	54
Total	318 acres

LEASE/MANAGEMENT AGREEMENT NO.: 4313 USE: Single____Multiple__X__

MANAGEMENT AGENCY

City of Leesburg
Division of Historical Resources
Florida Dept. of Environmental Protection
Florida Fish and Wildlife Conservation Commission
Lake County Board of County Commissioners
Lake County Parks and Trails Division
St. John's River Water Management District

RESPONSIBILITY

Permits
Historical and Archaeological Resource Management
Monitoring of Contaminated Land
Wildlife Resources and Laws
Growth Management Permits for Back 268 Acres
General Resource Management
Water Resources Protection and Restoration

DESIGNATED LAND USE: Multiple-Use County Regional Park
SUBLEASE: 268-acre portion leased by Lake County from State of Florida
ENCUMBRANCES: Electric distribution line granted to Sumter Electric Cooperative, Inc. and easement for right of way for public road granted to Lake County, Florida
UNIQUE FEATURES: Palatlakaha River
ARCHAEOLOGICAL/HISTORICAL SITES: Ruins of bridge over Palatlakaha River, mule tram and piling timbers built during 1920s
MANAGEMENT NEEDS: Ecological and hydrological restoration, non-native invasive continued treatments
ACQUISITION NEEDS/ACREAGE: none available
SURPLUS LANDS/ACREAGE: none at present
PUBLIC INVOLVEMENT: P.E.A.R. Association Volunteer Group, public hearings, Parks, Recreation and Trails Advisory Board

DO NOT WRITE BELOW THIS LINE (FOR DIVISION OF STATE LANDS USE ONLY)

ARC Approval Date: _____ BTIITF Approval Date: _____

Comments: _____

I. INTRODUCTION

A. DESCRIPTION OF PROPERTY

Palatlakaha Environmental and Agricultural Reserve (P.E.A.R.) Park is a 318-acre property located at 4800 University Avenue, Leesburg, FL. It is situated along the west side of State Road 27 and is located in Sections 23 and 24, Township 20 South, Range 24 East. Appendix A shows the location the site within Lake County, and Appendix B is the complete legal description of the property.

The westernmost 268 acres are within the central western area of unincorporated Lake County; this portion of PEAR Park was leased to Lake County from the State of Florida for 50 years beginning March 29, 2001, per the lease (#4313) agreement.

The front 50-acre portion of the park, known as the PEAR Park “Gateway,” is located in the City of Leesburg. It was purchased on January 31, 2005 with funds made available by the Florida Communities Trust (F.C.T.). This portion of the park is within an area of future land use redesignated from High Density Residential and General Commercial to Institutional and Conservation, in compliance with the F.C.T. grant.

There are no other easements, concessions, or leases associated with this site. The park is surrounded on all sides by residential development, allowing no further opportunity for acquisition of property adjacent to or in the vicinity of the park. It has the potential to be declared surplus by the state or county but is not currently designated as such. Its proximity to land and water resources are displayed in Appendix C.

Both portions of the property are managed as one 318-acre, multiple-use entity. The general goals to be further detailed in this management plan are to provide conservation and protection of natural and historic resources, resource-based outdoor recreation activities, and education compatible with the conservation and protection of public land.

B. HISTORICAL USES

Pre-1900s

It is unknown what use Paleo-Indians or Native Americans may have made of the property. Although arrowheads have been found at the site, an archaeological survey of the front 50 acres conducted in July 2009 did not find any further evidence of habitation by these groups.

Early 1900s

During the early 1900s, trees were cleared from the area with the exception of the remaining forested, riparian strip along the shores of the Palatlakaha River. Remains of an historic bridge abutment and approach located 300 yards west of the present US 27 bridge over the Palatlakaha River are believed to have been constructed during the 1920s and probably used as a mule tram crossing. An archaeological investigation and report were completed in July 2009 in which researchers recommended the bridge remains ineligible for listing on the National Record of Historic Places (S&ME, Inc. 2009). A map showing the location of the site and previously recorded historical resources is included in Appendix D

1950–1990s

Beginning in 1955, the land came under steady use for agricultural research purposes when the University of Florida Institute of Food and Agricultural Sciences obtained the land for the purpose of using it for a research facility. The cleared land was used to cultivate varieties of cucurbits (Family Cucurbitaceae). Crops were grown on a four-year rotation by section, with a cover crop of Bahia grass (*Paspalum notatum*) planted during fallow years. Extensive vineyards, a small portion of which remain today, also were cultivated to grow and test new varieties of grapes resistant to Pierce's disease (*Xylella fastidiosa*). Three wells were constructed (4, 6, and 8-in. diameter) and four retention ponds dug for irrigation purposes.

Buildings constructed included a laboratory, several sheds, and a large shelter for farm machinery. A paved entrance road led into the building area and the entire property was fenced along the perimeter except for the portion along the river. On a smaller acreage (4 acres) nearby, but not contiguous with the main site, are two laboratory/office buildings, two greenhouses, and a paved parking lot that were also used as part of the research center.

The research center was closed in 1996. The back 268 acres was then leased to Lake County, Florida on March 29, 2001. The front 50 acres was purchased by Lake County in 2005.

Unauthorized Uses

No unauthorized uses of the property are currently known.

C. NATURAL RESOURCES

Although primarily consisting of abandoned farm land at the time of purchase, the property contains many natural resources which are being enhanced through restoration efforts. PEAR Park is not within an aquatic preserve or a designated area of critical State concern or an area under study for such designation.

Soils

Soils in the 50-acre Gateway area consist primarily of well-drained Apopka sands, moderately well-drained Tavares sands, and poorly drained Pompano and Ona sands. In the main 268-acre portion of the park, soils also are principally sand with Apopka sand predominating. Throughout the park, slopes range from 0–12% and elevation from 70–100 ft. above sea level. Soil maps of the property can be found in Appendix E.

Mineral Resources

No mineral resources such natural gas, oil, or phosphate have been discovered on the property.

Wells

Of the three wells constructed during the 1950s, two contain potable water and the third has been capped.

Palatlakaha River

The Palatlakaha River is a unique natural feature that makes up the western and northern borders of the property. It originates in the Green Swamp, which is designated as an Area of Critical State Concern.

After the river leaves the property, it flows into the Harris Chain-of-Lakes in northern Lake County. The Palatlakaha River also is a major headwater stream of the Ocklawaha River, which in turn is a major tributary of the St. Johns River. The quality of water in the Palatlakaha River, as reported by the Lake County Water Authority, typically varies from fair to good along its length (LCWA 2012); so although

not designated as an Outstanding Florida Water itself, the Palatlakaha is part of a larger system of great importance to the region.

The section of the Palatlakaha River within the park has experienced relatively few anthropogenic changes and thus could be considered an outstanding native landscape. The channel is well defined, narrowing in some areas with active water flows, in-stream pools, and seepage areas. Soils found along the riverine corridor indicate a river that has naturally scoured the channel to expose marine sediments. The floodplain forest along the river provides a habitat corridor for wildlife. It consists of mainly native trees, and is constantly being cleared of invasive vegetation by volunteers and staff.

The site does not contain a coastal dune system or significant beach system of any surface water.

Wetlands

PEAR Park contains 6 wetlands. A review of aerial photographs from 1941 indicates that historically the wetlands within the natural areas of the front 50 acres drained into a series of lakes to the east and south. These wetlands were forested predominantly by various bay species (*Gordonia lasianthus*, *Magnolia virginiana*, *Persia borbonia*, *P. palustris*), with the edges of the swamps consisting of a variety of native wetland trees including blackgum (*Nyssa sylvatica*), dahoon holly (*Ilex cassine*), red maple (*Acer rubrum*), water oak (*Quercus nigra*), sweetgum (*Liquidambar styraciflua*) and slash pine (*Pinus taeda*) (Ecologic 2009B). However, because of anthropogenic alterations to local hydrology (construction of US 27 and surrounding housing development), wetlands within the park have changed from natural hardwood swamp systems to an approximately 12-acre herbaceous shrubby and/or partly herbaceous marsh bordered by a man-made ditch and housing development on the western side and crossed by a boardwalk for foot travel. The wetland is currently vegetated with primarily nuisance/exotic species such as groundseltree (*Bacharus halimifolia*), wax myrtle (*Myrica cerifera*), blackberry (*Rubus sp.*), elderberry (*Sambucus canadensis*), primrose willow (*Ludwigia sp.*) and dogfennel (*Eupatorium capillifolium*), all of which indicate the wetland has been dry for several years, possibly a result of local recent drought conditions. Native species such as blue maidencane (*Amphicarpum muhlenbergianum*), dahoon holly, a few red maples and bay trees are scattered throughout. Water quality within the wetlands has not been quantified.

Wetlands in the back 268 acres were historically either non-existent or were larger ephemeral wetlands surrounded by a series of flatwoods, pine flatwoods, sandhill and/or scrub oak leading up to the floodplain of the Palatlakaha River that runs along the perimeter on the north and west sides of the area (Ecologic 2009A) and is described above. There are currently five man-made and/or excavated wetlands within the PEAR 268 Acre area:

Wetland A was previously a steep-sloped, 1.5-acre pond vegetated with broomsedge and maidencane. The west side and southern end were overrun with mostly nuisance/exotic species, indicating that the wetland had been dry for several years, possibly a result of local recent drought conditions. In 2011 the pond was remodeled to improve its function as a natural wetland ecosystem. The sides were made less steep and the entire wetland increased to a size of 3.1 acres. Native herbaceous vegetation was planted in the littoral and aquatic zones and the adjacent upland areas seeded and planted with native trees. Appropriate permits for this wetland restoration activity were obtained from the Army Corps of Engineers and St. Johns River Water Management District (Application No. 4-069-120348-3).

Wetland B is a 2.6 acre pond with relatively shallow slopes, currently vegetated with broomsedge and maidencane. The upland edges have low to moderate densities nuisance/exotic species such as salt bush, wax myrtle, blackberry vines, elderberry, primrose willow and dogfennel, indicative of recent drought conditions.

Wetland C is a 4.2 acre pond with relatively shallow slopes, currently vegetated with broomsedge and maidencane along the entire outer edge, with very little nuisance/exotic species around the perimeter.

Wetland D is a 2.8 acre pond that has been drastically altered from its historical condition. Currently, there are two deep pockets on each end, with a shallow shelf between the two ponded areas. The entire wetland has extremely steep banks, much of which consists of hardpan (clay) excavated from the wetland bottom. The western pond area is surrounded nuisance/exotic species such as salt bush, wax myrtle, blackberry vines, elderberry, primrose willow and dogfennel. Herbaceous plants, pond pine (*P. serotina*), and bald cypress (*Taxodium distichum*) were planted to stabilize the banks and prevent erosion.

Wetland E was a 0.2-acre pond with relatively steep slopes vegetated with broomsedge and maidencane and bordered by low densities of elderberry, primrose willow and dogfennel. In 2011 the pond was remodeled to improve its functioning as a natural wetland ecosystem. The sides were made less steep and the entire wetland increased to a size of 1.1 acres. Native herbaceous vegetation was planted in the littoral and aquatic zones and the adjacent upland areas seeded and planted with native trees. Appropriate permits for this wetland restoration activity were obtained from the Army Corps of Engineers and St. Johns River Water Management District (Application No. 4-069-120348-3).

Upland Plant Communities

Before restoration efforts began, upland areas of the park were covered predominantly with exotic Bahia grass and other nuisance and exotic species including Bermuda grass (*Cynodon sp.*), natal grass (*Rhynchelytrum repens*), smut grass (*Sporobolus indicus*), hairy indigo (*Indigofera hirsute*), and dog fennel. The property currently is covered by approximately 60% this type of vegetation.

PEAR volunteers began working to restore the scrub ecosystem area in 2000 by planting oaks and other native groundcover species. In 2007, staff began work to restore native groundcover in other areas, which is hoped eventually to cover most of the back 268 acres. Once groundcover has been reestablished, the area will be maintained by fire and some areas will be restored to the native Florida habitats of scrub oak, flatwoods, pine flatwoods, and sandhill by adding canopy trees and understory species.

Currently the western side of the park has benefitted from supplemental planting, herbicide application, seeding, and burning, as evidenced by the presence of less exotic groundcover and the presence of more native plants. Overall, however, the majority of the uplands are still classified as ruderal and restoration efforts are ongoing as funding allows.

Wildlife

PEAR Park is home to a large number of animal species year-round, and provides habitat for many wintering and migrating birds. Some animals of note are American alligator (*Alligator mississippiensis*), bobcat (*Lynx rufus*), coyote (*Canis latrans*), grasshopper sparrow (*Ammodramus savannarum*), barred owl (*Strix varia*), wild turkey (*Meleagris gallopava*), northern bobwhite (*Colinus virginianus*), eastern meadowlark (*Sturnella magna*), and many species of wood warblers. Additionally, the park is home to a large population of eastern bluebirds (*Sialia sialis*) due to the installation by volunteers of 25 nest boxes.

Listed Species of Plants and Animals

A stable population of gopher tortoises (*Gopherus polyphemus*) makes its home in the park. Other listed animals observed include eastern indigo snake (*Drymarchon couperi*), Florida scrub jay (*Aphelocoma coerulescens*), American kestrel (*Falco sparverius paulus*), and Florida sandhill crane (*Grus canadensis pratensis*) (to be listed soon). No listed plant species occur naturally on the site. Appendix F lists likely and potential rare species based on element occurrences mapped within the vicinity of the park by the Florida Natural Areas Inventory.

II. MANAGEMENT OF PROPERTY

A. GENERAL MISSION AND LONG-TERM DIRECTION

PEAR Park was acquired through the lease agreement with Lake County, Florida in 2001 for the purpose of conserving and protecting the property's natural and historical resources and for resource based public outdoor activities and education which is compatible with the conservation and protection of this public land. Projected uses as defined in s.253.034 at the time of acquisition were for multiple uses and to provide public access and enjoyment, resource conservation, restoration, and protection, ecosystem maintenance and protection, and protection of threatened and endangered species.

Multiple-use management for PEAR Park will be accomplished as follows:

- Provide for active and passive outdoor recreation opportunities;
- Restore native ecosystems and protect native plants and animals;
- Protect known historical resources.

This management plan was written according to requirements of Sections 253.034 and 259.032, Florida Statutes, and required information is given in compliance with Section 18-2.021 of Florida Administrative Code.

B. ALTERNATIVE USES

During initial meetings, potential uses of the site were listed and prioritized by those in attendance. In subsequent meetings of four basic activity committees, the following activities were eliminated from consideration:

Fairgrounds: It was determined that such use was not appropriate due to its incompatibility with planned development and restoration of the park. Considerable dissention was voiced that a fair and associated activities were not acceptable in the middle of existing and future neighborhoods around the park.

Bicycle MotoCross Track: This use also was considered incongruous with the overall concept of park development and restoration.

Shuffleboard Courts: It was determined that because these courts should be built in a complex of several hundred such courts, that this type of facility was inappropriate.

Hard Surface Sports Courts: Because these courts also require a complex of several hundred such courts that should be well-lighted, this use was considered inappropriate.

Following the initial meetings, other potential were suggested and likewise considered inappropriate: Working Farm, Group Camping Area, Fishing Pond, Agricultural Museum, and Historic Cracker Village.

C. CONSTRAINTS TO MANAGEMENT OF PROPERTY

Adjacent Land Uses

Immediate surrounding land use is primarily residential with some limited commercial. This immediate adjacent land use should not conflict with the planned uses of the property, although landowners do contribute pollution into the Palatlahaha River and some trees bordering the river on the side opposite to the park have been cleared, narrowing the existing habitat corridor for wildlife. Other adjacent land use is agricultural and has the potential for conflict if improper chemical spray were to occur. A trash incinerator is located approximately 5 miles from the property, and could have a potential conflict with planned use if certain actions by the operators and other situational conditions were to exist. No known conflicting actions have occurred, however, and the State and County monitor this facility.

State Lands Management Plan

This management plan and each planned use therein is intended to comply with the State Lands Management Plan adopted by the Trustees on March 17, 1981, and incorporated herein by reference, particularly whether such uses represent “balanced public utilization,” specific agency statutory authority, and other legislative or executive constraints.

F.C.T. Grant Requirements

The project within the front 50-acre portion of the park and the details of this management plan fulfill all requirements of the grant issued by the Florida Communities Trust, which specifies that the park shall be managed only for the conservation, protection and enhancement of natural and historical resources and for passive, natural resource-based public outdoor recreation which is compatible with the conservation, protection and enhancement of the park, along with other related uses necessary for the accomplishment of this purpose.

Legislative and Executive Directives

Lake County Board of County Commissioners: Use of the property is constrained by any directives developed by the Lake County Board of County Commissioners.

Lease: Use of the property is constrained by the lease established with the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida in 2001.

City of Leesburg: Because the front 50 acres is annexed by the City of Leesburg, this management plan is in conformance with many directives in the City’s Comprehensive Plan, specifically those within Chapter 5, Conservation Element, and Chapter 6, Recreation and Open Space Element.

Letters of compliance from county and city governments can be found in Appendix G.

D. AGENCIES AND INDIVIDUALS INVOLVED IN IMPLEMENTATION OF MANAGEMENT

Lake County Parks and Trails staff provides day to day supervision of the park. Park Rangers regularly patrol and enforce park rules and regulations. Security problems requiring law enforcement are handled by the City of Leesburg and Lake County Sheriff's Department. Lake County does not charge any fees for the use of the park. There is a \$10.00 per hour charge for use of athletic fields by organized sports leagues and a \$25.00 charge for 5-hour rental of the pavilions.

Lake County Board of County Commissioners

Lake County Board of County Commissioners assumes all management responsibilities. Operation and maintenance of the site will be conducted through the Lake County Parks and Trails Division. Cooperative agreements may be established with government or private organizations as may prove beneficial to the proper management of the site.

Division of Historical Resources

Lake County Parks and Trails Division will coordinate all planned activities involving known archaeological or historical sites or potential site areas closely with the Division of Historical Resources to prevent disturbance to significant archaeological or historic sites, should they be discovered.

Public Involvement

In June 2001, Lake County Board of County Commissioners formed a 10-member P.E.A.R. Advisory Committee, consisting of two members from each district and representatives from local organizations and terminated in June 2006. The advisory committee developed an initial management plan which was reviewed by the Parks and Recreation Advisory Committee and the public on February 13 and April 10, 2002 before being approved by the Board of County Commissioners. Public notices of these meetings were published in the *Orlando Sentinel* on January 31 and March 31, 2002, and the management plan was available to the public for 30 days prior.

Additional partners involved in the initial management plan included: P.E.A.R. Association Inc., City of Leesburg; Lake Soil and Water Conservation District; Lake County Water Authority; Lake County Parks and Recreation Department; St. Johns River Water Management District; Lake County Cooperative Extension Service; University of Florida, Institute of Food and Agricultural Science; Lake County Rails to Trails, Inc.; Highland Chapter of Florida Trail Association; Lake County Conservation Council; Beautyberry Chapter of the Florida Native Plant Society; Ocklawaha Valley Audubon Society; Lake County School Board; Lake County Legislative Delegation; Florida Department of Environmental Protection, Bureau of Public Lands; Florida Department of Community Affairs; Board of Regents; Watershed Action Volunteers; adjacent private property owners, including those from the following housing developments: Plantation, Highland Lakes, Spanish Villages, Hawthorne, Ridgecrest.

The proposed 2013–2023 Resource Management Plan was brought before P.E.A.R Association Inc., a 501c3 organization of dedicated volunteers whose members were part of the original P.E.A.R. Advisory Committee, on March 18, 2013. Current board members belong to the Florida Native Plant Society, Ocklawaha Audubon Society and the Florida Trails Association. A letter of endorsement from the Association and copies of the meeting minutes are found in Appendix H.

This same proposed plan was presented to the Parks, Recreation and Trails Advisory Board on May 13, 2013 and approved by the board at their July 8, 2013 meeting. Advisory Board membership information is included in Appendix I. These meetings were publicly noticed and its members endorsed the plan. Appendix I contains the public notices, agendas, and minutes of associated meetings along with a letter of endorsement from the Parks, Recreation and Trails Advisory Board.

The public hearing before the Lake County Board of County Commissioners, which included on its agenda the P.E.A.R. Park 2013–2023 Resource Management Plan, was held on August 27, 2013. This public hearing was publicly noticed both in the newspaper and at the P.E.A.R. Park site. Please see Appendix J containing public notice of hearing, photos of signage, the agenda and board actions for this hearing.

Additionally, the current proposed Resource Management Plan was posted on the Lake County Parks and Trails website (www.lakecountyfl.gov/departments/public_resources/parks/) from May 24, 2013 to the present and received no public comment.

Private Land Managers

In 2009 an independent biological consulting firm, Ecologic, LLC, was hired to create work plans to guide efforts to restore the property to its original native Florida ecosystems (Ecologic 2009 A, 2009B). Ecologic is currently under contract to perform land management and restoration activities.

E. PAST ACCOMPLISHMENTS

Since the property was acquired by Lake County, Florida, many improvements have been made and specific management goals accomplished. The following improvements have enhanced public access and enjoyment of the park while preserving and restoring native Florida ecosystems; a site map showing their locations is included in Appendix K.

Habitat Restoration

1. Upland Restoration. Removal of exotic vegetation began in late 2004 and is ongoing. Much of the upland areas have been burned and seeded with native groundcover species; planting of oaks in the 50-acre scrub restoration area in the back 268 acres took place during 2005–2009 and in 2011, 30 acres on the east side of the multipurpose trail were seeded. Volunteer efforts in a 5-acre area have resulted in a functional meadow community with a small percentage of exotic invasive vegetation.
2. Wetland Restoration. In 2011 two ponds in the back 268 acres were remodeled to improve their functions as natural wetland ecosystems. The sides were made less steep and the sizes increased. Native herbaceous vegetation was planted in the littoral and aquatic zones and the adjacent upland areas were seeded and planted with native trees. Appropriate permits for this wetland restoration activity were obtained from the Army Corps of Engineers and St. Johns River Water Management District (Application No. 4-069-120348-3). The wetland marsh within the front 50 acres was burned and seeded with native vegetation. Trees also were planted to increase the width of the forested riparian corridor along the Palatlahaha River.

Public Access and Recreational Opportunities

Public access and recreational opportunities at PEAR Park are offered 365 days per year by permanent full-time employees who provide supervision, educational programming, and assistance. County staff also coordinates the PEAR Volunteer Association and other volunteers who assist in many areas of

operation and maintenance. Volunteers hold weekly work days, maintain and monitor a bluebird trail, keep records of species sightings, manage educational displays within the Education Building, and hold an annual native plant sale. Additionally, Cub Scout troops and other organizations and individuals regularly complete community service projects within the park. At least 24 educational events are held at the park annually, including bird and butterfly surveys, interpretive hikes, native plant sales, plant identification workshops, and Cub Scout work days.

The front 50 acres of the park is available for active recreational activities including softball, soccer, football, pickle ball, tennis, and canoeing. Also available are two playgrounds, Life Station exercise stations, access to hiking and nature trails, and geo-caches. Two large picnic pavilions with grills are connected by paved multi-use trails and are available for social gatherings by reservation. This portion of the park also features a popular dog park with five different areas for dogs of various ages, sizes, and abilities.

The back 268 acres is designated for passive recreation and has several miles of trails to explore, two observation pavilions, and a nature center including a community garden, xeric restoration garden, and butterfly garden. Visitors to this portion of the park are able to learn about and enjoy nature through observation, photography, hiking, and vegetable gardening.

Capital Facilities and Infrastructure Improvements

Improvements made in the front 50 acres consist of:

1. A new park entry road with turn lanes was constructed across from the Legacy subdivision and off US-27.
2. Two softball fields and one multi-purpose field were constructed.
3. Two picnic pavilions were constructed.
4. A 2000 linear foot, 12 ft. wide concrete multipurpose trail was constructed to connect the trail lying between the southern active recreation area of the athletic field and softball fields to the shaded northern pavilion near the river trail.
5. Five benches and Life Station exercise equipment were installed, and the equipment connected to the trail by pavers.
6. A nature and boardwalk trail was developed in coordination with the restoration of the wetland marsh.
7. A trail through the riparian corridor along the Palatlakaha River was constructed and then extended during 2004–2008.
8. A dog park with five enclosures and dog grooming areas was constructed.
9. A semi-pervious brick paver parking area was constructed for dog park.
10. Swings and two playgrounds were constructed for children ages two to five and ages five to twelve.
11. The following amenities were added to the park: picnic tables, trash receptacles, grills, benches, and three bicycle racks.

12. One regulation-sized basketball court was constructed.
13. Six pickle ball courts with fencing were constructed.
14. Two regulation tennis courts with fencing were constructed.
15. Educational signage was installed, including native plant identification signs, three kiosk panels along trails, and a double kiosk near the pavilion along the northern end of the multi-purpose trail. A local Cub Scout troop also designed, built, and installed several “leave no trace” signs along trails.
16. Informational signage describing park rules and regulations was installed.
17. Way-finding signage was installed, including trail markers, stop signs, and directional signs.
18. New fencing was installed along boundaries and within the park.
19. A pre-fabricated restroom was installed.
20. A canoe and kayak launch was constructed.
21. A former cattle arsenic dip area was excavated and soil disposed of at a landfill. Monitoring wells have since been properly abandoned. Fencing and signage were erected around the perimeter to delineate the area and to exclude inadvertent activity.

Improvements made in the back 268 acres consist of:

1. An existing building was converted to an Educational Center to store educational materials and displays, and to hold educational classes for the public.
2. A community garden was established in which the public may lease plots for the purpose of growing edible plants and vegetables.
3. Two pavilions were constructed, one surrounded by a xeric upland restoration garden and overlook, and the other as part of a butterfly garden.
4. Grass parking, ADA parking areas and paths, landscaping, and informational signage were installed at the two pavilions.
5. New fencing was installed and barbed wire was removed in various locations.
6. Several abandoned and unsafe existing buildings were demolished and removed from the property; these included a shop building, three greenhouses, and several Quonset huts.
7. Two double educational kiosks were installed, one at the nature center and one at the overlook pavilion.
8. A small existing grape arbor was enhanced and is maintained.
9. A heritage memorial tree grove has been established and is maintained.

Identification of Historical Resources

1. Archaeological Survey. An archaeological investigation was completed in July 2009 for the front 50 acres in which remnants of an historical bridge were found. These remnants are not eligible for listing on the National Record of Historic Places (S&ME, Inc. 2009). No other historical or archaeological resources are known to occur on site.

F. MANAGEMENT GOALS FOR 2013–2023

Six management goals were identified for the property. Each goal has short-term performance measures to be accomplished within the next 10 years, and long-term performance measures to be achieved at some point in the future. Furthermore, the impact of each goal on the park's renewable and non-renewable resources has been indicated, and the specific actions that will be taken to protect, enhance, and conserve them or to mitigate damage caused by such use. Goals are mutually beneficial and no methods will be performed to the detriment of the others. Associated costs, a projected budget, and recommendations for funding are described in Appendix L and Appendix M.

Goal 1: Removal of Exotic Invasive Vegetation

Justification: Exotic invasive vegetation is a form of biological pollution that threatens the health and functioning of Florida ecosystems. Invasive species often out-compete native plants for space and nutrients, disrupt natural plant communities, and provide lower-quality forage for wildlife. The property was covered with a high percentage of invasive vegetation when first acquired and currently is covered by approximately 60%.

Objective 1: Exotic Removal

Methods: Primary species to be removed are Caesar's weed (*Urena lobata*), camphor (*Cinnamomum camphora*), chinaberry (*Melia azederach*), torpedo grass (*Panicum repens*), natal grass (*Rhynchelytrum repens*), cogon grass (*Imperata cylindrical*), rosary pea (*Abrus precatorius*), Mexican clover (*Richardia scabra*), and hairy indigo (*Indigofera hirsute*); other exotic species also will be removed when encountered. Native nuisance species such as groundseltree, wax myrtle, blackberry, elderberry primrose willow, and dogfennel will be removed only where necessary. Methods of removal will include hand-pulling, herbicide treatments, mowing, and disking.

Short-term Performance Measure: Staff is actively removing exotic vegetation on a regular basis.

Long-term Performance Measure: Groundcover of exotic vegetation in categories 1 and 2 (FLPPC 2012) to be <1% of property, excluding fields designated to be left covered by exotic pasture grasses.

Potential impacts and protection/mitigation: The performance of this goal will enhance the site and provide positive benefits for native ecosystems by allowing native plants to become established; it also will benefit many wildlife species by providing forage that non-native plants do not. To minimize risks associated with using herbicides, plants will be hand-pulled when feasible. Chemicals will be applied only by workers certified in Weed Management, and Integrated Pest Management techniques will be used to minimize potential for leaching or runoff into water bodies.

Goal 2: Upland Restoration

Justification: With the exception of the riparian strip along the Palatlakaha River, the property is a ruderal system that provides only low to moderate forage for the existing gopher tortoise population and moderate habitat for native avian species (Ecologic 2009A). Before being changed drastically by agricultural practices, the upland areas of the property would have contained a mosaic of meadow, scrub, sandhill, and flatwoods plant communities, and the riparian system along the river would have been wider than it is currently. Restoring uplands to these historic natural communities will greatly increase the functioning of the ecosystems and their value for native wildlife. A cost estimate for Upland Restoration is in Appendix M.

Objective 1: Native Groundcover Restoration

Methods: Native groundcover will be restored by burning, disking, planting and seeding; these activities will continue over time as part of maintenance to continue the restoration process and to increase plant biodiversity. Native seeds are collected through a memorandum of understanding with the Ocala National Forest. Fire management is part of an existing work plan for the property (Ecologic 2009A, 2009B).

Short-term performance measure: All restoration areas have been prepared and seeded.

Long-term performance measure: Groundcover of property within restoration areas to be > 98% native vegetation and the site is able to carry fire.

Potential impacts and protection/mitigation: Restoration of native groundcover will enhance habitat for native wildlife and help restore functioning ecosystems. Risks associated with the use of controlled fire will be mitigated by using relatively small burn units (< 30 acres) and by having fires conducted only by highly trained staff.

Objective 2: Scrub Oak Restoration

Methods: Based on soils, indicator plants, and the intermittent presence of Florida scrub jays, approximately 60 acres of PEAR was determined to be an historic scrub oak ecosystem. Fifty acres of the scrub area has been planted in a variety of native oaks, shrubs, and groundcovers, with planted oaks currently maintained at an appropriate height by coppicing; other patches determined by soils and elevation historically to have been scrub (including the eastern third of the Event Field) also will be seeded in native oaks. In the remainder of the scrub area, native groundcover restoration will continue, using methods described above. Fire will be used at regular intervals to maintain patches of bare ground and groundcover at an appropriate height and density.

Short-term performance measure: Scrub oak restoration areas have been planted in oaks and other appropriate species.

Long-term performance measure: The desired future condition for this natural community is based on the FNAI Guide to the Natural Communities of Florida (2010) and on Lake County Division of Parks and Trails staff knowledge. Performance will be based on the percent similarity of the actual areas to this description. The continued presence of Florida scrub jays, while not necessary to the measure of success of the scrub restoration, nonetheless would provide further evidence that the scrub ecosystem was functional, as would the presence of other scrub-dependent plant and animal species.

Potential impacts and protection/mitigation: Restoration of upland communities will enhance habitat for native wildlife and restore functioning ecosystems. Risks associated with the use of controlled fire will be mitigated by using relatively small burn units (< 30 acres) and by having fires conducted only by highly trained staff.

Objective 3: Sandhill and Flatwoods Restoration

Methods: Following native groundcover restoration, approximately 200 acres will be planted in longleaf pine (*P. palustris*), xeric oaks, saw palmetto (*Serenoa repens*), blazing star (*Liatris sp.*), and native grasses such as wiregrass (*Aristida stricta*), Elliott's lovegrass (*Eragrostis elliottii*), jointweed (*Polygonella sp.*), and lopsided indiangrass (*Sorghastrum secundum*). In the event that Florida scrub jays do become established on site, their acorn-caching behavior will in part determine which areas of meadow will succeed into forest communities, and fire will be used to maintain the mosaic of the property will be maintained in a mosaic of scrub, sandhill, and flatwoods. A meadow will be maintained with no canopy for the benefit of species such as eastern bluebird, eastern meadowlark (*Sturnella magna*), and northern bobwhite (*Colinus virginianus*).

Short-term performance measure: Sandhill and flatwoods areas have been planted and seeded with the appropriate species.

Long-term performance measure: The desired future conditions of these natural communities are based on the FNAI Guide to the Natural Communities of Florida (2010) and on Lake County Division of Parks and Trails staff knowledge, with the distinction between sandhill and flatwood being based on primarily on soil. Performance will be based on the percent similarity of the areas to these descriptions.

Potential impacts and protection/mitigation: Restoration of upland communities will enhance habitat for native wildlife and restore functioning ecosystems. Risks associated with the use of controlled fire will be mitigated by using relatively small burn units (< 30 acres) and by having fires conducted only by highly trained staff.

Objective 4: Riparian Corridor Enhancement

Methods: Approximately 16 acres along the south and east sides of the forested corridor along the Palatka River will be planted in longleaf and slash pine (*P. elliottii*).

Short-term performance measure: Approximately 10 acres have already been planted; approximately six additional acres also will be planted.

Long-term performance measure: As planted trees become mature, the riverine corridor will become wider.

Potential impacts and protection/mitigation: Widening the wetland forest will have a positive impact on the landscape and on wildlife that use the forest as a habitat and migration corridor and will protect soil and water by minimizing erosion.

Goal 3: Hydrological Preservation and Restoration

Justification: Anthropogenic alterations to local hydrology (construction of US 27 and surrounding housing development) have changed the wetlands within the front 50 acres of the park from natural hardwood swamp systems that drained into a series of lakes to the east and south, to an approximately 12-

acre herbaceous shrubby/herbaceous marsh. The five wetlands in the back 268 acres historically were either non-existent or were larger ephemeral wetlands. Although restoration of these systems to their exact historical states is not possible, converting them into functional ecosystems will improve water quality and create wildlife habitat, especially for reptile and amphibian populations, migratory shorebirds, and nesting Florida sandhill cranes. A cost estimate for wetland restoration is in Appendix M.

Objective 1: Wetland Restoration

Methods: Two of the five ponds have already been remodeled; exotic removal, prescribed fire where appropriate, and plantings to increase biodiversity will continue over time as part of maintenance in order to increase the biodiversity in these systems. The remaining three ponds will be remodeled as funding allows.

Short-term performance measure: Two remodeled ponds will be maintained and the remaining three also remodeled as funding allows.

Long-term performance measure: All five ponds have been restored to as close to historic sizes, flows, and drainage patterns as possible. Each has a high level of plant biodiversity and provides quality habitat for native wildlife.

Potential impacts and protection/mitigation: Restoration of functional wetland ecosystems will enhance habitat for native wildlife and will conserve soil and water. Risks associated with the use of controlled fire will be mitigated by using relatively small burn units (< 30 acres) and by having fires conducted only by highly trained staff. Only herbicides approved for use near water bodies will be used for the control of exotic vegetation, and they will be applied only by staff certified in weed management. Soil erosion will be controlled by the planting of emergent, littoral, and upland vegetation in and around the water bodies.

Goal 4: Capital Facilities and Infrastructure Improvements

Justification: Improvements to capital facilities and infrastructure will facilitate public access to the park and will protect fragile areas from excessive use. A cost estimate for these improvements is in Appendix L and Appendix M. Additional improvements could potentially enhance the natural resource value and/or public resource value of the property but are not currently part of this management plan. A cost estimate for these potential improvements also is included in Appendix N.

Objective 1: Additional Roads

Methods: To allow for 2-way traffic and a bicycle lane to the conservation area in the back 268 acres from US-27, University Avenue will be widened and resurfaced. Additional design and road paving is still needed internally to improve access to the overlook pavilion.

Short-term performance measure: Have secure funding and complete designs for all roads.

Long-term performance measure: Provide a connection within the back 268 acres to the main transportation artery of US-27.

Potential impacts and protection/mitigation: Soil and water conservation will be addressed through proper design to manage run-off and erosion issues.

Objective 2: Construction of Bird Watching Blind

Methods: An observation blind will be constructed for the purpose of wetland and wildlife observation by park visitors. The observation blind will be located in the back 268 acre portion of the park, across the road from the Education Center and adjacent to Wetland C. Construction is scheduled to be completed by summer of 2013.

Short-term performance measure: Design bid documents are completed and funding is available.

Long-term performance measure: Use and enjoyment by park visitors and functionality of green landscaping design.

Potential impacts and protection/mitigation: All necessary permits will be obtained for construction. The observation blind will be far enough away from the wetland so as not to cause any damage or potential erosion by visitors, and will serve as a demonstration model of green landscaping design through its green roof and cistern system.

Objective 3: Installation of Additional Educational Kiosks

Methods: Additional kiosks will be installed throughout the entire park for the purpose of passively educating visitors as to the historical and ecological aspects of the park. Each metal kiosk will feature a large educational panel and will include a waterproof box to hold pamphlets. See Appendix O for examples of kiosks.

Short-term performance measure: Kiosks have been installed.

Long-term performance measure: Kiosks are being viewed regularly by park visitors.

Potential impacts and protection/mitigation: Kiosks will not be placed in any environmentally sensitive areas or areas prone to erosion. Kiosks have a small environmental footprint and should not cause any substantial impact.

Objective 4: Renovation of Research Facility Building

Methods: The existing research facility building will be converted into an environmental science and restoration education center with staff offices. The site will be evaluated by staff, a landscape architect, and ecological restoration consultants and plans made for structural improvements using environmentally sound construction techniques.

Short-term performance measure: A conceptual plan has been created for footprint and immediate adjacent landscaped areas, with emphasis on green design

Long-term performance measure: Design documents have been completed and funding secured for entire project

Potential impacts and protection/mitigation: Because the existing structural footprint is being used, impacts will be minimal. The environmental functionality of the building will be enhanced through green design incorporating native landscaping, and stormwater management.

Goal 5: Public Access and Recreational Opportunities

Justification: Public access to and enjoyment of the park are consistent with the purposes for which the lands were acquired. Recreational opportunities are planned and developed based on the availability of funds from the Lake County Board of County Commissioners, grant assistance, and volunteer assistance.

Objective 1: Educational Programs

Methods: Staff will regularly lead classes, bird and butterfly surveys, and interpretive hikes discussing topics such as ecology, ethnobotany, prescribed fire, restoration techniques, and native pollinators. These programs will be offered free of charge, and the public will be made aware of them through an annual published and online events guide and through regular press releases to local media. Environmental science and biology classes from Lake-Sumter State College also will participate in field trips within the park. See Appendix P for examples of educational programs and events to be held at the park. A cost estimate for these programs can be found in Appendix M.

Short-term performance measure: At least 24 programs per year conducted by staff.

Long-term performance measure: Programs are well-attended and enjoyed by public.

Potential impacts and protection/mitigation: Value of educating the public far outweighs minimal damage to park caused by visitors. To minimize potential impacts, visitors will be kept primarily on trails and will be educated by staff and by printed materials and appropriate signage throughout the park. Designated staff will complete a continuing education course on Managing Visitors in Natural Areas.

Objective 2: Coordination of Volunteer Opportunities and Programs

Methods: Groups and individuals will be allowed access to the park for the purpose of completing community service projects. Their activities will be directed by staff toward the accomplishment of mutually beneficial goals.

Short-term performance measure: Continued activity of P.E.A.R. volunteer group and other entities.

Long-term performance measure: New members added to P.E.A.R. volunteer group, on-going community service projects by others.

Potential impacts and protection/mitigation: The value of public involvement far outweighs minimal damage to park caused by their activities. To minimize potential impacts, visitors will be kept primarily on trails and will be educated by staff and by printed materials and appropriate signage throughout the park. Designated staff will complete a continuing education course on Managing Visitors in Natural Areas.

Objective 3: Maintenance of Passive and Active Recreational Opportunities

Methods: The park will be maintained to facilitate recreational opportunities. Unpaved trails and natural areas will be maintained for passive recreation such as nature observation and hiking. The multipurpose

trail and exercise equipment will be maintained for exercise, and existing recreational facilities maintained for diverse interests including pet exercise, picnicking, and organized sports.

Short-term performance measure: Upkeep and continued use of existing facilities.

Long-term performance measure: Increased use of amenities and high visitor satisfaction with the park.

Potential impacts and protection/mitigation: All constructed amenities have been properly permitted and constructed to minimize environmental impacts. Active recreation will be confined to these designated areas and will not be allowed within restoration areas.

Goal 6: Population Restoration of Imperiled Species

Justification: Many imperiled species live permanently at PEAR Park or use it at some point during the year. Examples include the gopher tortoise, eastern indigo snake, Florida scrub jay, Florida sandhill crane, and southeastern American kestrel. Other imperiled plants and animals are likely to use the area, including the gopher frog (*Lithobates capito*) and Florida mouse (*Peromyscus floridanus*).

Methods: Presence of species will continue to be confirmed through sightings by staff, volunteers, and visitors. Restoration efforts currently underway will benefit the majority of imperiled native species; however, additional measures will be taken to restore the population of specific species when deemed necessary and if funding becomes available.

Short-term performance measure: Continued casual biological surveys to determine the presence of imperiled species present on the property, and the identification of specific management directives to be taken for population restoration if necessary.

Long-term performance measure: Stable populations of the above-mentioned and other identified imperiled species.

Potential impacts and protection/mitigation: Determining the presence of imperiled species will allow planning on their behalf. The identification of specific management activities should increase their rates of population growth and recovery and prevent any inadvertent activities to their detriment.

III. REFERENCES

Ecologic, LLC. 2009A. Lake County Parks and Trails Palatlakaha Environmental and Agricultural Reserve (PEAR) Park 268 Acre Restoration Work Plan.

Ecologic, LLC. 2009B. Lake County Parks and Trails Palatlakaha Environmental and Agricultural Reserve (PEAR) Park Gateway Restoration Work Plan.

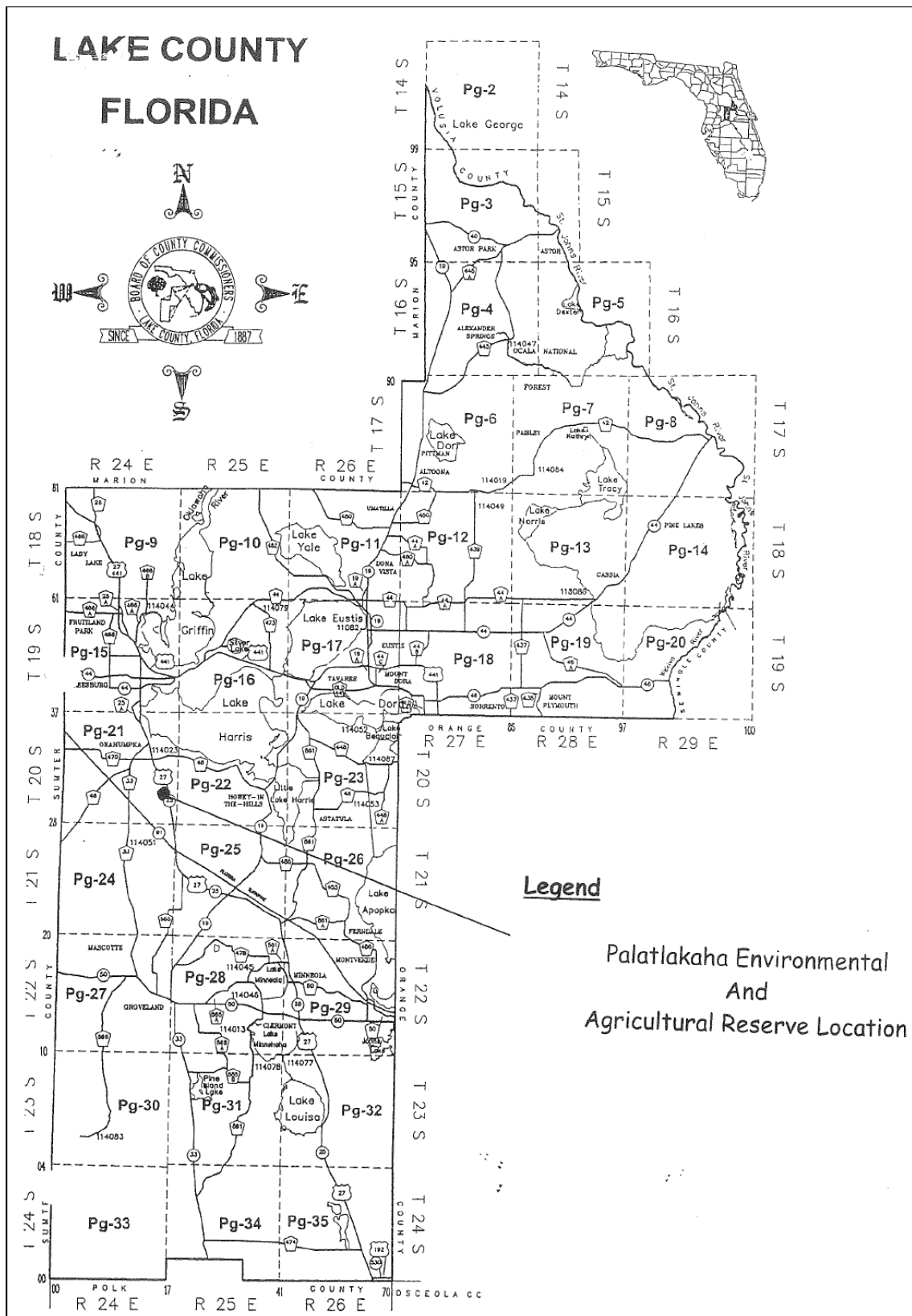
Florida Exotic Pest Plant Council (FLEPPC). 2012. Florida Exotic Pest Plant Council's 2012 List of Invasive Plant Species.

Florida Natural Areas Inventory (FNAI). 2010. Guide to the Natural Communities of Florida.

Lake County Water Authority (LCWA). 2012. Water quality indices. www.lcwa.org

S&ME, Inc. 2009. Archaeological Investigations at the Ferndale Preserve and Palatlakaha Environmental and Agricultural Reserve Park, Lake County, Florida.

Appendix A. Location Map



Appendix B. Legal Descriptions of Property

Front 50 Acres:

O. R. Book 2759/Page 1109
EXHIBIT A

Parcel A:

That part of the Southwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 24, Township 20 South, Range 24 East, Lake County, Florida.

CONTAINING 21.34±ACRES

Parcel B:

From the Northwest corner of the Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of Section 24, Township 20 South, Range 24 East, Lake County, Florida, run thence North 89°57' 30" East along the North line of said Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$, 827.49 feet to the Point of Beginning of this description; run thence South 00°04' 09" East, 1325.28 feet, more or less, to the South line of the North $\frac{1}{2}$ of the Southwest $\frac{1}{4}$; thence South 89°58' 00" East along said South line of the North $\frac{1}{2}$ of the Southwest $\frac{1}{4}$, 1012.47 feet, more or less, to a point that is North 89°58' 00" West, 300 feet from the Westerly right of way of U.S. Highway No. 27; run thence North 00°02' 00" East, 150 feet; thence South 89°58' 00" East, 217.31 feet, more or less, to the Westerly right of way of U.S. Highway No. 27 and a point hereby designated as Point "A." Return to the Point of Beginning and run North 89°57' 30" East, 450 feet, more or less, to the Westerly right of way of U.S. Highway No. 27; thence Southeasterly along said right of way to intersect of aforementioned Point "A." All being in Section 24, Township 20 South, Range 24 East, Lake County, Florida.

Parcel C:

Starting at a point on the South line of the Northeast $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ and on the West line of U.S. Highway No. 27, Section 24, Township 20 South, Range 24 East, Lake County, Florida, run thence West 300 feet; thence North 150 feet; thence East to Highway; thence Southeasterly along Highway to the Point of Beginning.
CONTAINING 27.09±ACRES.

TOTAL INCORPORATED AREA: 51.22 ACRES, MORE OR LESS.

Note: Underlying Boundary Survey was completed by Southeastern Surveying and Mapping Corporation, Drawing #52193002, Survey Date 05/07/2007, on file at Lake County, Florida, Department of Public Works.

Back 268 Acres:

PARCEL "4A" (Tract IV in O.R. BOOK 427, PAGE 219)

South quarter of Northeast quarter; North half of Southeast quarter and North half of Southeast quarter, LESS Southwest quarter of Northwest quarter of Southeast quarter, Section 23, Township 20 South, Range 24 East.

ALSO, West $\frac{5}{8}$ ths of Northwest quarter of the Southwest quarter, Section 24, Township 20 South, Range 24 East.

ALSO, the East 230' of South 350' of Northwest quarter of Northeast quarter of Northwest quarter and West 30' of South 350' of North 616' of the Northeast quarter of the Northeast quarter of the Northwest quarter of Section 25, Township 20 South, Range 24 East.

ALSO, starting at a point where the West line of Northeast quarter of Section 23, Township 20 South, Range 24 East crosses creek, thence South to the Northwest corner of Southwest quarter of Southwest quarter of Northeast quarter, thence East 30', thence North to creek, thence Southwest along creek to Point of Beginning.

ALSO, starting at a point where the West line of the Northeast quarter of Southeast quarter of Northeast quarter, Section 23, Township 20 South, Range 24 East crosses creek, thence South along said line to Southwest corner of Northeast quarter of Southeast quarter of Northeast quarter, thence East 30', thence North to creek, thence Westerly along creek to Point of Beginning: being the same parcel as purchased from J.C. ROGERS ET AL, on 5 December 1956: recorded in Deed Book 4, page 193.

Appendix B. Legal Descriptions of Property (Cont'd)

AND ALSO SUBJECT TO FOLLOWING EASEMENTS:

#350 – Easement for electric distribution line granted to SUMTER ELECTRIC COOPERATIVE, INC. on 16 May 1957: recorded in Deed Book 18, page 450: affecting Tract IV A, Lake County.

#352 – Easement for right of way for public road granted to LAKE COUNTY, FLORIDA, in September 1959: recorded in Deed Book 103, page 2: affecting Tract IV A, Lake County.

PARCEL “4B” (O. R. BOOK 504, PAGE 750)

From the SE corner of the SW $\frac{1}{4}$ OF Sec. 23, Twp. 20 S., Range. 24E., run N. $0^{\circ}15'30''$ W. Along the East line of the SW $\frac{1}{4}$ for 758.14 ft. To the P. O. B.; thence run S. $89^{\circ}45'24''$ W. For 946.48 ft. to a point on the centerline of Easement of the Palatlahaha Creek, said Easement being 100 ft. wide lying 50 feet to either side when measured at right angles thereto: thence run N.E.'ly along a curve concave to the Easterly and having a radius of 400 feet through a central angle of $30^{\circ}27'05''$ for 212.58 ft. to the end of said curve: thence N. $48^{\circ}23'00''$ E for 134.28 ft. to the beginning of a curve concave to the N.W.'ly and having a radius of 200 ft., run thence N.E.'ly and N ly along the arc of said curve through a central angle of $59^{\circ}51'20''$ for 208.94 ft. to the end of said curve; thence N. $11^{\circ}28'20''$ W. for 25.20 ft. To the beginning of a curve concave to the E'ly and having a radius of 572.96 ft.; run thence N'ly along the arc of said curve through a central angle of $30^{\circ}13'20''$ for 302.22 ft. To the end of said curve; thence N. $18^{\circ}45'00''$ E. For 30.50 ft. to the beginning of a curve concave to the Westerly and having a radius of 800 ft.; run thence Northerly along the arc of said curve through a central angle of $20^{\circ}57'30''$ for 292.63 ft. to the end of said curve; thence N. $02^{\circ}12'30''$ W. for 115.57 ft.; thence N. $01^{\circ}49'20''$ E. for 16.83 ft. to the beginning of a curve concave to the Westerly and having a radius of 450 ft.; run thence Northerly and Northwesterly along the arc of said curve, through a central angle of $32^{\circ}08'10''$ for 252.40 ft. to the end of said curve; thence N. $30^{\circ}18'50''$ W. For 174.79 ft.; thence N. $01^{\circ}57'30''$ W. for 299.79 ft.; thence N. $27^{\circ}09'40''$ E. for

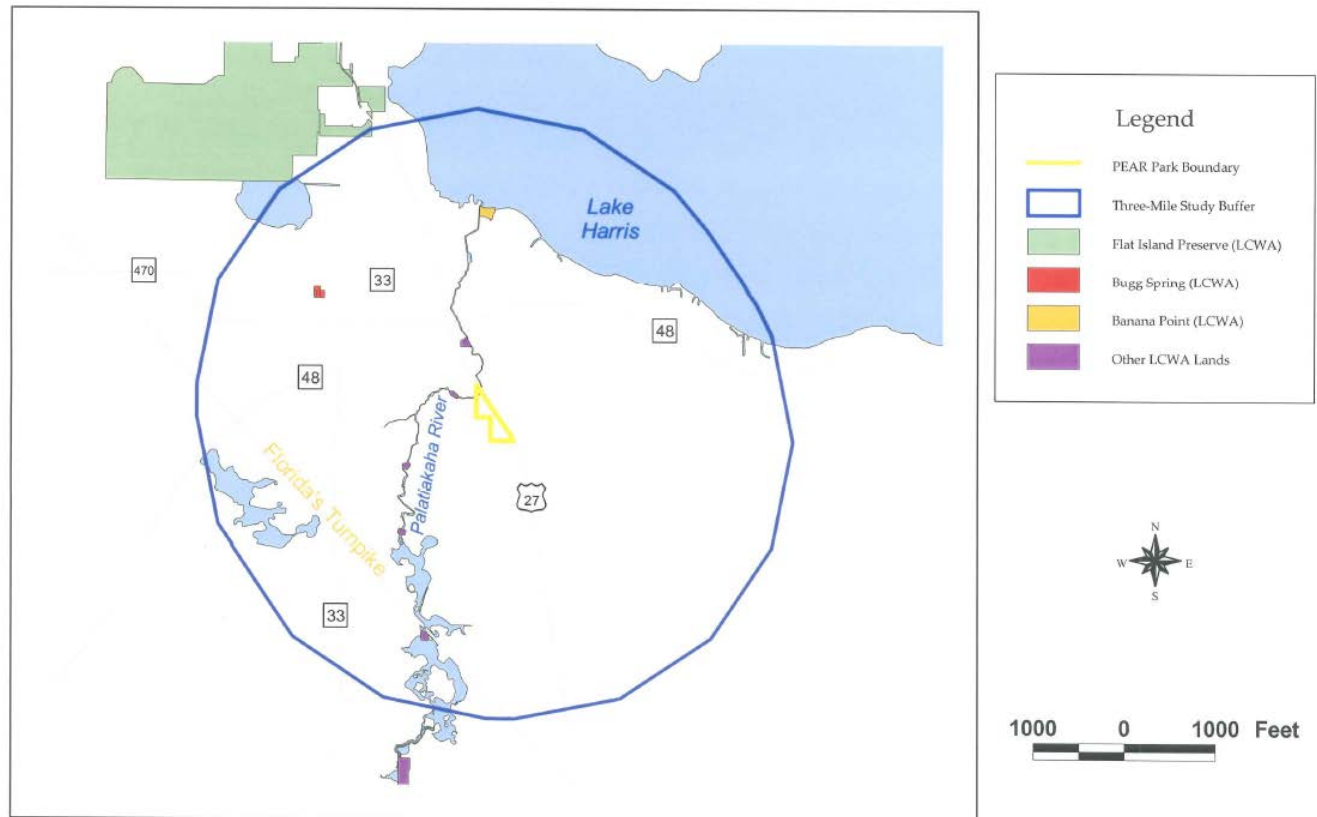
Appendix B. Legal Descriptions of Property (Cont'd)

601.59 ft.; thence N. $55^{\circ}22'40''$ E. for 203.36 ft.; thence N. $42^{\circ}31'05''$ E. for 289.90 ft.: thence $79^{\circ}04'05''$ E. for 20.18 ft. to the beginning of a curve concave to the Northwesterly and having a radius of 200 ft.; run thence Northeasterly along the arc of said curve through a central angle of $43^{\circ}04'05''$ for 150.34 ft. to the end of said curve, run thence N. $36^{\circ}00'00''$ E. For 345.88 ft. to the beginning of a curve concave to the Southeasterly and having a radius of 500.00 ft.; run thence Northeasterly along the arc of said curve through a central angle of $33^{\circ}03'30''$ for 288.49 ft. to the end of said curve, thence N. $69^{\circ}03'30''$ East for 362.62 ft.; run thence S. $87^{\circ}30'30''$ E. for 158.62 ft.: run thence S. $61^{\circ}39'50''$ E. for 202.68 ft.; thence S. $32^{\circ}19'50''$ E. for 222.68 ft.; thence S. $35^{\circ}05'50''$ W. for 50 ft. to the Southwesterly right-of-way of the aforementioned Easement; thence S. $54^{\circ}54'10''$ E. along said Southwesterly right-of-way 200 ft. thence N. $35^{\circ}05'50''$ E. For 50 ft. to the centerline of said 50 ft. Easement: thence continue along centerline S. $54^{\circ}54'10''$ E. 187.47 ft. thence N. $83^{\circ}42'45''$ E. for 1066.07 ft.; thence N. $23^{\circ}39'40''$ E. For 96.83 ft. to a point on the East line of said Section 23; thence run S. $0^{\circ}25'20''$ E. along the East line of Section 23 for 567.80 ft.: thence run S. $89^{\circ}25'20''$ W. for 2670.85 ft. to a point on the North—SouthMid—Section Line: thence run S. $0^{\circ}15'30''$ E, along said North—SouthMid—Section Line for 1974.60 feet to the N.W. Corner of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$; thence run N. $89^{\circ}45'25''$ E. along the North line of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ for 1336.30 ft. to the N.E. Corner of the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$; thence run S. $0^{\circ}15'22''$ E. along the East line of the SW $\frac{1}{4}$ of SE $\frac{1}{4}$ for 331.48 ft. to a point on the N.W. Corner of the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$: thence run N. $89^{\circ}47'09''$ E. for 334.07 ft.; thence run S. $0^{\circ}15'22''$ E. for 331.55 ft.; thence run S. $89^{\circ}48'53''$ W. for 334.07 ft.; thence run N. $0^{\circ}15'22''$ W. For 96.34 ft.; thence run S. $89^{\circ}45'25''$ W. for 1336.28 ft. to the P.O.B.

LESS: Starting at a point where the West line of the NE $\frac{1}{4}$ of Sec. 23, Twp. 20 S., Rge. 24 E., crosses the Palatlahaha Creek, thence South to the N.W. Cornrer of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$, thence east 30 ft. thence North to the Palatlahaha Creek, thence Southwesterly along creek to point of beginning: and LESS starting at a point where the West line of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ Sec. 23, Twp. 20 S., Rge. 24 E. crosses the Palatlahaha Creek, thence South along said line to the S.W. Corner of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$; thence East 30 ft.: thence North to the Palatlahaha Creek, thence Westerly along said creek to the point of beginning.

AND, The South 350.0 ft. of the North 616.0 ft. of the West 260.0 ft. of the East 490.0 ft. of the West $\frac{1}{2}$ of the NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 25 Twp. 20 S., Rge. 24 E., Lake County, Florida.

Appendix C. Map of Adjacent Land and Water Resources



Appendix D. Map of Nearby Historical Resources

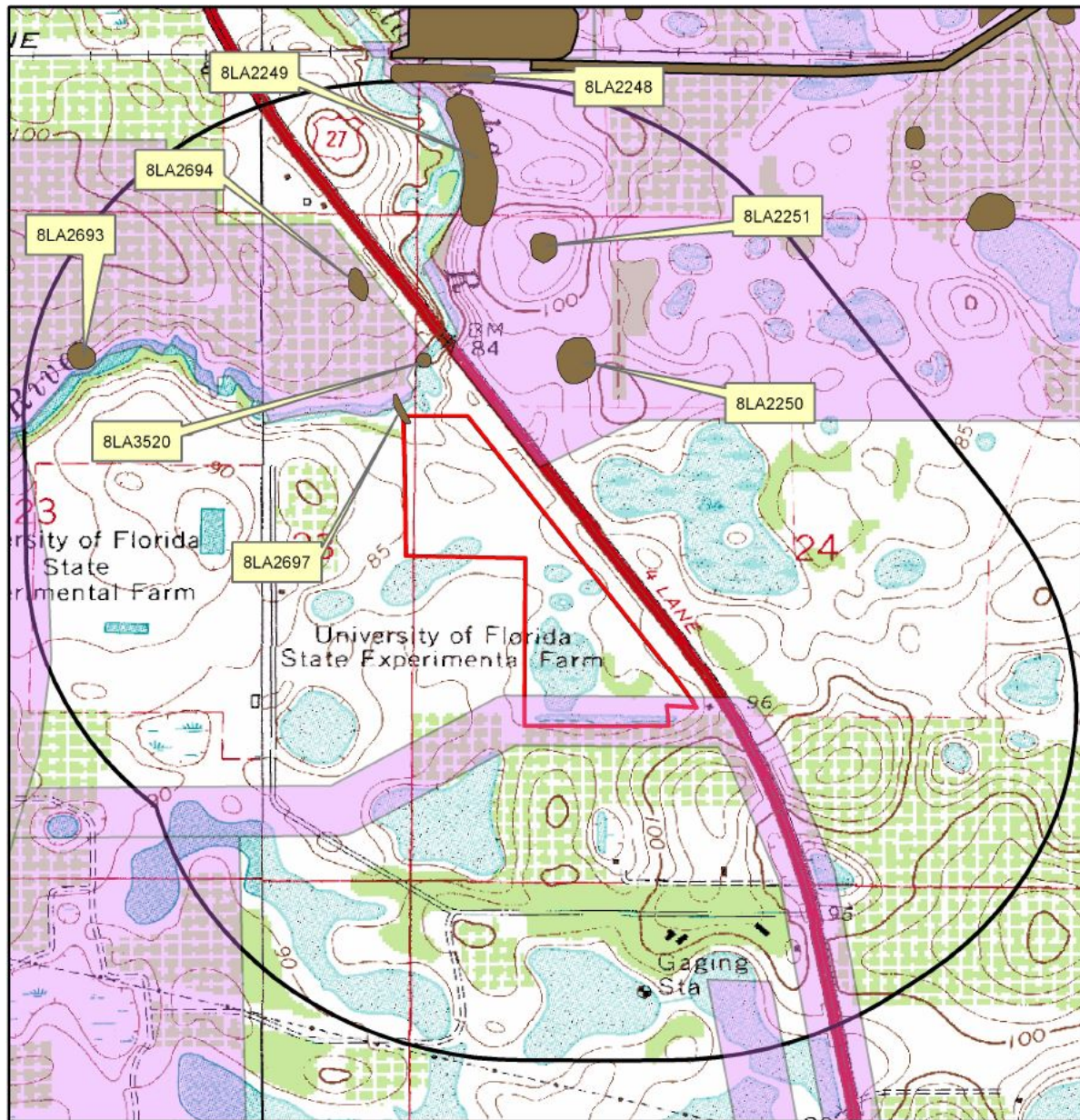
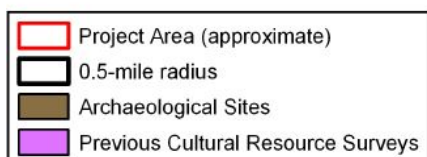
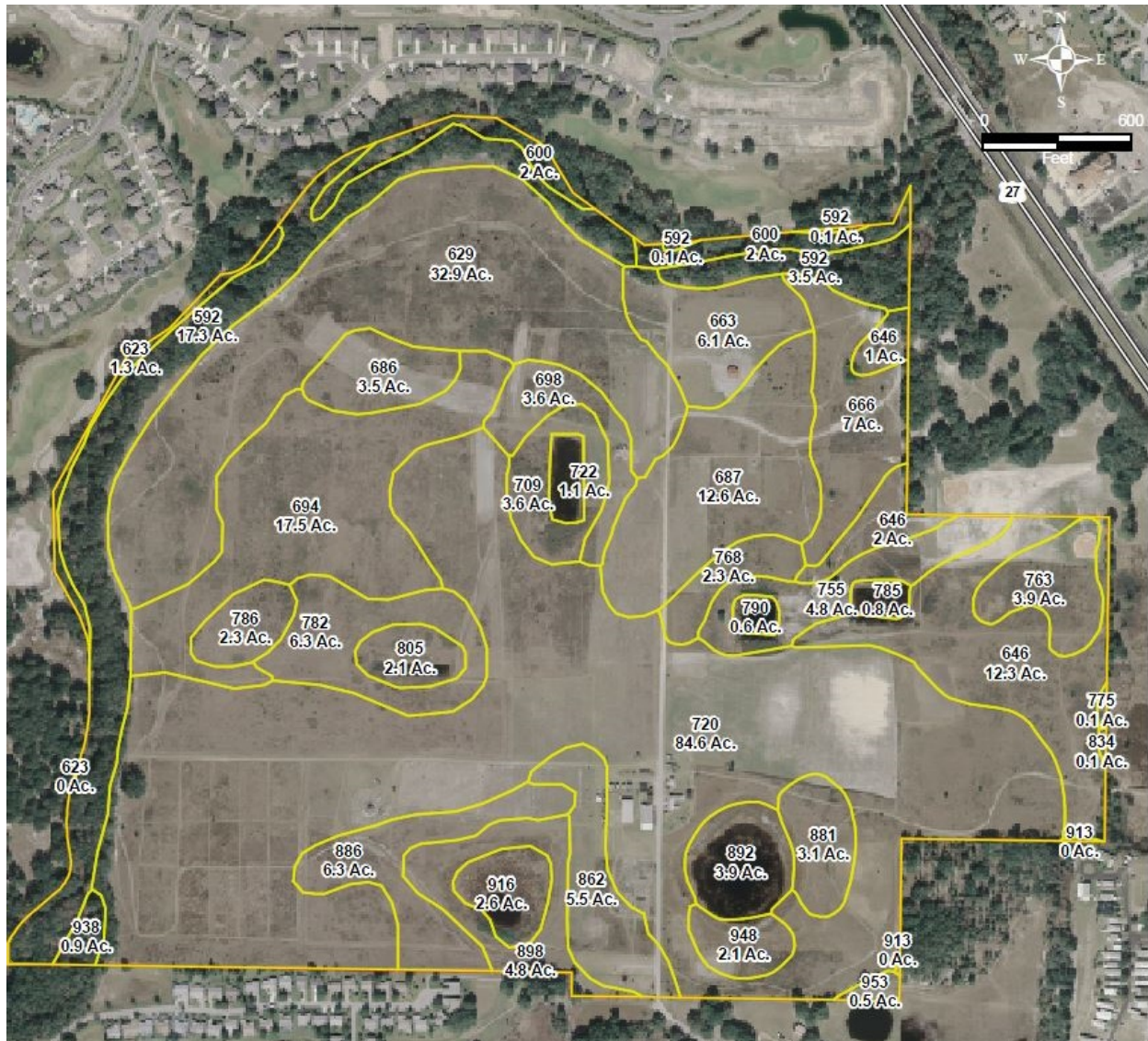


Figure 1. PEAR Park project area and previously recorded cultural resources within a 0.5-mile radius.

Base Map: Center Hill and Howey in the Hills USGS topographic quadrangles.

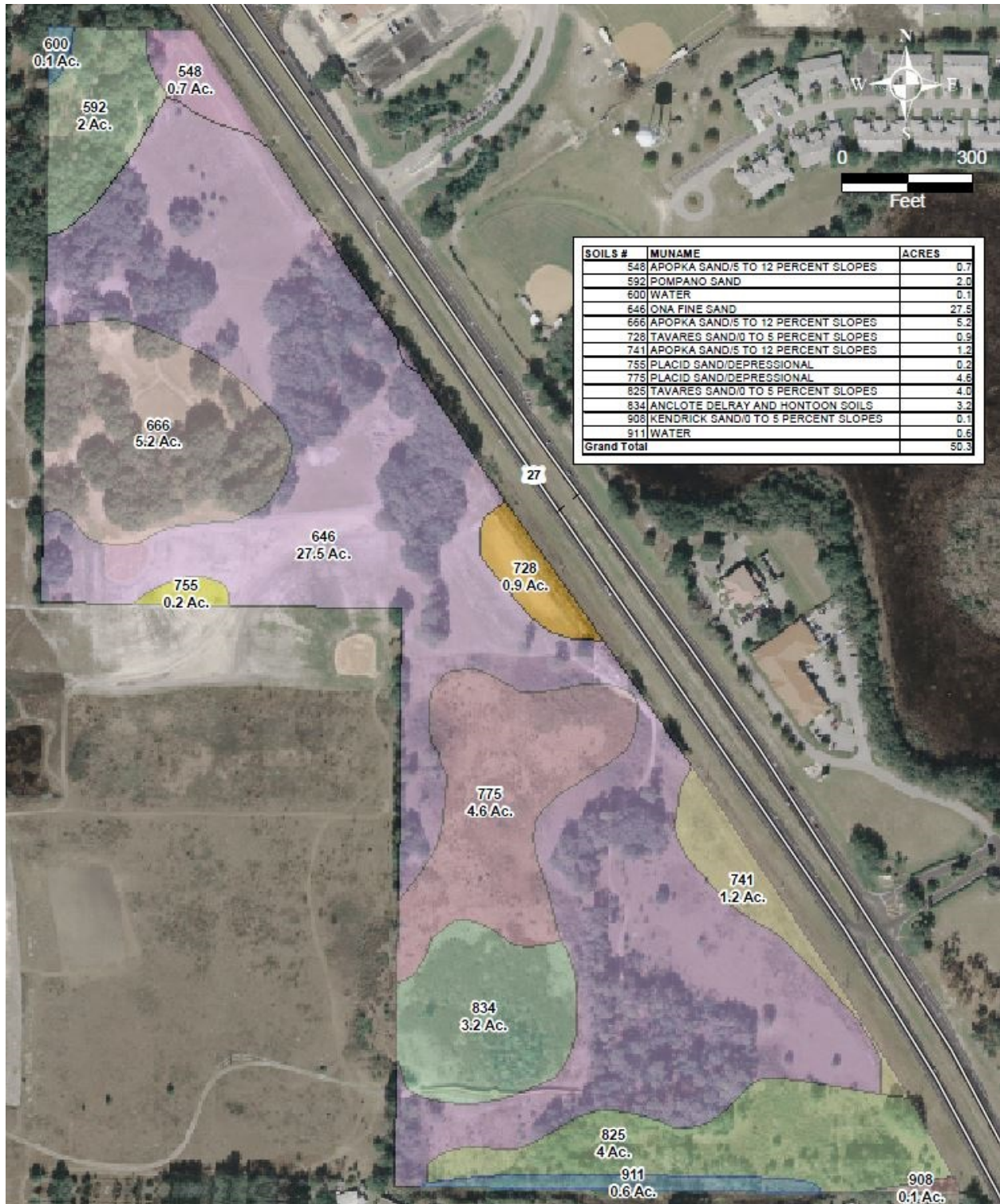


Appendix E. Soils Maps

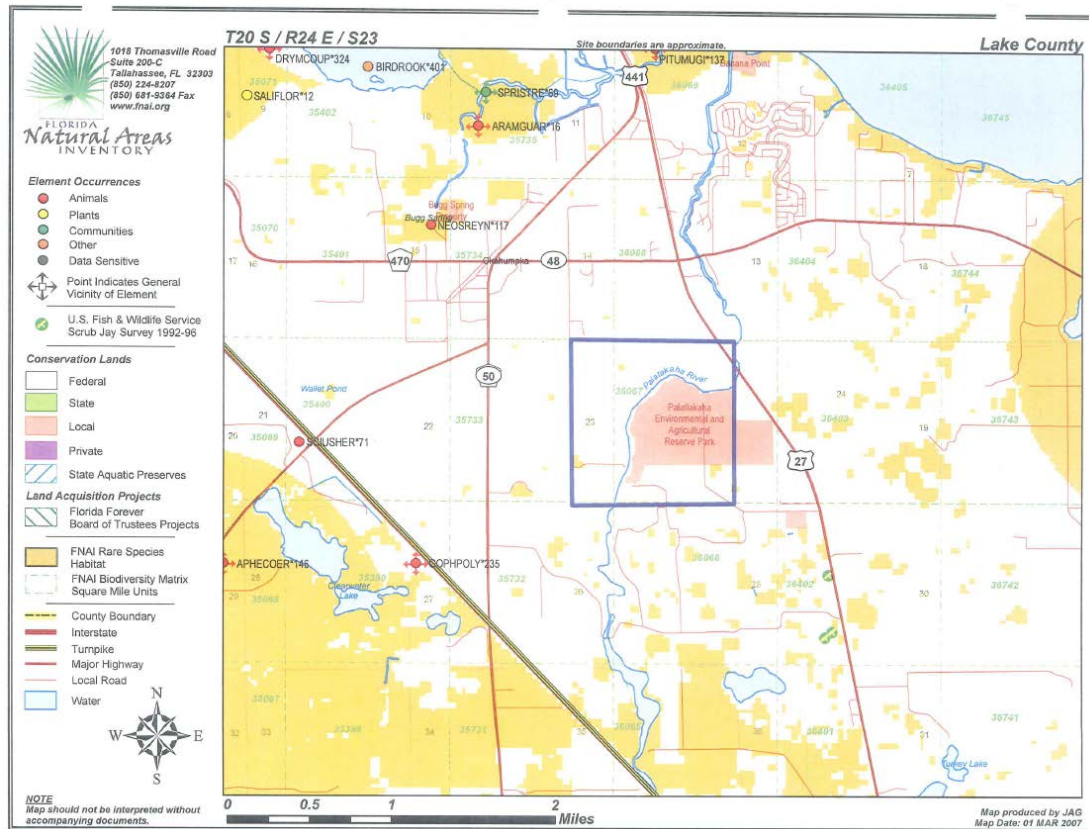


Pear Park 268 Ac. Parcel Soils Table			Pear Park 268 Ac. Parcel Soils Table		
Sum of Acres			Sum of Acres		
SOILS	NAME	Total	SOILS	NAME	Total
592	POMPAÑO SAND	21.0	775	PLACID SAND/DEPRESSIONAL	0.1
600	WATER	4.0	782	MYAKKA SAND	6.3
623	LOCHLOOSA SAND/0 TO 5 PERCENT SLOPES	1.3	785	WATER	0.8
629	APOPKA SAND/5 TO 12 PERCENT SLOPES	32.9	786	ONA FINE SAND	2.3
646	ONA FINE SAND	15.2	790	WATER	0.6
663	CANDLER SAND/0 TO 5 PERCENT SLOPES	6.1	805	ARENTS	2.1
666	APOPKA SAND/5 TO 12 PERCENT SLOPES	7.0	834	ANCLOTE DELRAY AND HONTOON SOILS	0.1
686	ONA FINE SAND	3.5	862	SPARR SAND/0 TO 5 PERCENT SLOPES	5.5
687	KENDRICK SAND/0 TO 5 PERCENT SLOPES	12.6	881	APOPKA SAND/5 TO 12 PERCENT SLOPES	3.1
694	SPARR SAND/0 TO 5 PERCENT SLOPES	17.5	886	TAVARES SAND/0 TO 5 PERCENT SLOPES	6.3
698	MYAKKA SAND	3.6	892	WATER	3.9
709	ARENTS	3.6	898	ONA FINE SAND	4.8
720	APOPKA SAND/5 TO 12 PERCENT SLOPES	84.6	913	ARENTS-URBAN LAND COMPLEX	0.1
722	WATER	1.1	916	PLACID AND MYAKKA SANDS/DEPRESSIONAL	2.6
755	PLACID SAND/DEPRESSIONAL	4.8	938	MYAKKA SAND	0.9
768	APOPKA SAND/5 TO 12 PERCENT SLOPES	3.9	948	APOPKA SAND/5 TO 12 PERCENT SLOPES	2.1
768	APOPKA SAND/5 TO 12 PERCENT SLOPES	2.3	953	PLACID SAND/DEPRESSIONAL	0.5
			Grand Total		287.2

Appendix E. Soils Maps (Cont'd)



Appendix F. Florida Natural Areas Inventory Information



Appendix F. Florida Natural Areas Inventory Information (Cont'd)



Florida Natural Areas Inventory ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR PROJECT SITE



Map Label	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing	Observation Date	Description	EO Comments
GOPHPOLY*235	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LS	1981-06	No general description given	COLONY ALONG TURNPIKE; HATCHLING
APHECOER*146	Aphelocoma coerulescens	Florida Scrub-jay	G2	S2	LT	LT	1981-06-14	"STRIP OF SCRUB OAKS BETWEEN SCL RR AND SR 48, SEVERAL MILES LONG"	1981-06-14: 1 ADULT, 1 JUVENILE SCRUB JAYS
SALIFLOR*12	Salix floridana	Florida Willow	G2	S2	N	LE	1994-03-30	IN A MATURE BASIN SWAMP DOMINATED BY NYSSA SYLVATICA VAR. BIFLORA-TAXODIUM DISTICHUM-ACER RUBRUM-FRAXINUS CAROLINIANA/ITEA VIRGINICA/SAURURUS CERNUUS-RHYNCHOSPORA CORNICULATA (LOCAL) -OSMUNDA REGALIS (LOCAL). pH 6.4 MUCK, >>2' DEEP, TAXODIUM DISTICHUM 16"	ONE OR TWO SHRUBS SEEN IN A RECONNAISSANCE SURVEY. SPECIFIC ASSOCIATES NOT RECORDED.
BIRDROOK*401	Bird Rookery		GNR	SNR	N	N	1995-01-07	1995-01-07: on a peaty Sambucus canadensis dominated island within a small basin lake (U95REE01FLUS).	1995-01-07: nesting Double-crested Cormorants. Also American Anhinga, Great Blue Heron, Great Egret, Little Blue Heron, but not confirmed nesting (U95REE01FLUS).
NEOSREYN*117	Neoseps reynoldsi	Sand Skink	G2	S2	LT	LT	1994	RUDERAL.	1994: ONLY ONE SKINK FOUND.
SCIUSHER*71	Sciurus niger shermani	Sherman's Fox Squirrel	G5T3	S3	N	LS	1993-04-04	IMPROVED PASTURE, SANDHILL SUCCEEDED TO XERIC HAMMOCK; MANY SMALL LAKES TO WEST; MAIN CITRUS RFI T BEGINS CA. 1 MI. E OF HERE.	1993-04-04: ONE INDIVIDUAL SEEN CROSSING ROAD (U93LUD01FL).
PITUMUGI*137	Pituophis melanoleucus mugilis	Florida Pine Snake	G4T3	S3	N	LS	ZZ	No general description given	SPEC. (CARN. MNH-19853), COLLECTOR N/A, DATE N/A.
DRYMCOP*324	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1995-pre	No general description given	SPEC (CARN. MNH-19845), COLLECTOR N/A, DATE N/A. TWO SKINS COLLECTION FROM BUGG SPR. REESE OB. LARGE BLACK GLOSSY SNAKE.
ARAMGUAR*16	Aramus guarauna	Limpkin	G5	S3	N	LS	1994-12-15	A SPRING-FED RUN THROUGH A FIRE-EXCLUDED BASIN MARSH.020.	OCCASIONAL BIRDS SEEN ALONG SIDE A SPRING RUN IN CLADIUM JAMAICENSE COVER. LONG-TERM RESIDENTS. 12-15-1994: TWO SIGHTINGS OF ADULTS FORAGING - ONE WITH TWO ADULTS AND ONE A SOLITARY SIGHTING.
SPRISTRE*69	Spring-run stream		G2	S2	N	N	2004	A SMALL BASIN LAKE/FIRE EXCLUDED BASIN MARSH SUCCESSIONAL TO BASIN SWAMP/YOUNG TO LOCALLY MATURE BASIN SWAMP/MATURE HYDRIC HAMMOCK/MATURE WITH OCCASIONAL OLD GROWTH MESIC HARDWOOD LANDSCAPE ASSOCIATION. IT IS ONE OF THE LARGEST WETLAND SYSTEMS IN LAKE CO	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1995-01-07) (U05FNA02FLUS). THE FLORA IS DIFFICULT TO CHARACTERIZE DUE TO ITS HETEROGENIETY RESULTING FROM PASSING THROUGH MULTIPLE NATURAL COMMUNITY TYPE

Appendix F. Florida Natural Areas Inventory Information (Cont'd)



Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
Matrix Unit ID: 35732					
Likely					
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LS
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Mycteria americana</i>	Wood Stork	G4	S2	LE	LE
Matrix Unit ID: 35733					
Likely					
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LS
<i>Mycteria americana</i>	Wood Stork	G4	S2	LE	LE
Matrix Unit ID: 36066					
Likely					
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Mycteria americana</i>	Wood Stork	G4	S2	LE	LE
Matrix Unit ID: 36067					
Likely					
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	LT
<i>Mycteria americana</i>	Wood Stork	G4	S2	LE	LE
Potential from any/all selected units					
<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Aimophila aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Arnoglossum diversifolium</i>	Variable-leaved Indian-plantain	G2	S2	N	LT
<i>Asplenium heteroresiliens</i>	Wagner's Spleenwort	GNA	S1	N	N
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	LS
<i>Bonamia grandiflora</i>	Florida Bonamia	G3	S3	LT	LE
<i>Calamintha ashei</i>	Ashe's Savory	G3	S3	N	LT
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Carex chapmanii</i>	Chapman's Sedge	G3	S3	N	LE
<i>Centrosema arenicola</i>	Sand Butterfly Pea	G2Q	S2	N	LE
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT
<i>Eriogonum longifolium var. gnaphalifo.</i>	Scrub Buckwheat	G4T3	S3	LT	LE
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	LS
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Hartwrightia floridana</i>	Hartwrightia	G2	S2	N	LT
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Illicium parviflorum</i>	Star Anise	G2	S2	N	LE
<i>Lechea cernua</i>	Nodding Pinweed	G3	S3	N	LT
<i>Matelea floridana</i>	Florida Spiny-pod	G2	S2	N	LE
<i>Monotropis reynoldsiae</i>	Pigmy Pipes	G1Q	S1	N	LE

Appendix F. Florida Natural Areas Inventory Information (Cont'd)



Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Mustela frenata peninsulæ</i>	Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Myotis austroriparius</i>	Southeastern Bat	G3G4	S3	N	N
<i>Nemastylis floridana</i>	Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i>	Round-tailed Muskrat	G3	S3	N	N
<i>Nolina brittoniana</i>	Britton's Beargrass	G3	S3	LE	LE
<i>Notophthalmus perstriatus</i>	Striped Newt	G2G3	S2S3	N	N
<i>Panicum abscissum</i>	Cutthroat Grass	G3	S3	N	LE
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	LS
<i>Polygala lewtonii</i>	Lewton's Polygala	G3	S3	LE	LE
<i>Pteroglossaspis ecristata</i>	Giant Orchid	G2G3	S2	N	LT
<i>Pteronotropis welaka</i>	Bluenose Shiner	G3G4	S3S4	N	LS
<i>Rana capito</i>	Gopher Frog	G3	S3	N	LS
<i>Salix floridana</i>	Florida Willow	G2	S2	N	LE
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Spigelia loganioides</i>	Pinkroot	G2Q	S2	N	LE
<i>Stilosoma extenuatum</i>	Short-tailed Snake	G3	S3	N	LT
<i>Warea amplexifolia</i>	Clasping Warea	G1	S1	LE	LE
<i>Warea carteri</i>	Carter's Warea	G3	S3	LE	LE

Definitions: Documented - Rare species and natural communities documented on or near this site.
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.
 Potential - This site lies within the known or predicted range of the species listed.

Appendix G. Letters of Compliance from County and City Governments



December 12, 2012

Wendy Poag
Passive Recreation Coordinator
Department of Public Resources, Lake County Parks and Trails
PO Box 7800
Tavares, FL 32778

RE: Palatlahaka Environmental and Agricultural Reserve (PEAR) Park Letter of Compliance

Dear Ms. Poag,

This letter serves as a Letter of Compliance as requested by the Florida Department of Environmental Protection. PEAR Park has been designated within the Conservation Future Land Use Category on the Future Land Use Map and is within the Community Facilities District Zoning Category. A review of the PEAR Park Gateway Management Plan approved in August 2011 is compliant with the Lake County 2030 Comprehensive Plan and Land Development Regulations.

If I can be of any further assistance please do not hesitate to contact me.

Sincerely,

Brian T. Sheahan, AICP
Planning Manager

C: Robert Bonilla, Parks Manager

GROWTH MANAGEMENT DEPARTMENT | PLANNING & COMMUNITY DESIGN DIVISION
P.O. BOX 7800 • 315 W. MAIN ST., TAVARES, FL 32778 – ROOM 510 • P 352-343-9641 • F 352-343-9595
Board of County Commissioners • www.lakecountyfl.gov

TIMOTHY J. SULLIVAN
District 1

SEAN M. PARKS, AICP, QEP
District 2

JIMMY CONNER
District 3

LESLIE CAMPIONE
District 4

WELTON G. CADWELL
District 5

Appendix G. Letters of Compliance from County and City Governments (Cont'd)

PUBLISHED IN THE ORLANDO SENTINEL/LAKE SENTINEL ON 12/14/10

**STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
NOTICE OF INTENT TO FIND THE
CITY OF LEESBURG
COMPREHENSIVE PLAN AMENDMENT
IN COMPLIANCE
DOCKET NO. 10-1-NOI-3509-(A)-(I)**

The Department gives notice of its intent to find the Amendment to the Comprehensive Plan for the City of Leesburg, adopted by Ordinance Nos. 10-87 through 10-93 on October 25, 2010, IN COMPLIANCE, pursuant to Sections 163.3184, 163.3187 and 163.3189, F.S.

The adopted City of Leesburg Comprehensive Plan Amendment and the Department's Objections, Recommendations and Comments Report (if any) are available for public inspection Monday through Friday, except for legal holidays, during normal business hours, at the City of Leesburg, Community Development Department, 204 North 5th Street, Leesburg, Florida 34749.

Any affected person, as defined in Section 163.3184, F.S., has a right to petition for an administrative hearing to challenge the proposed agency determination that the Amendment to the City of Leesburg Comprehensive Plan is In Compliance, as defined in Subsection 163.3184(1), F.S. The petition must be filed within twenty-one (21) days after publication of this notice, and must include all of the information and contents described in Uniform Rule 28-106.201, F.A.C. The petition must be filed with the Agency Clerk, Department of Community Affairs, 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399-2100, and a copy mailed or delivered to the local government. Failure to timely file a petition shall constitute a waiver of any right to request an administrative proceeding as a petitioner under Sections 120.569 and 120.57, F.S. If a petition is filed, the purpose of the administrative hearing will be to present evidence and testimony and forward a recommended order to the Department. If no petition is filed, this Notice of Intent shall become final agency action.

If a petition is filed, other affected persons may petition for leave to intervene in the proceeding. A petition for intervention must be filed at least twenty (20) days before the final hearing and must include all of the information and contents described in Uniform Rule 28-106.205, F.A.C. A petition for leave to intervene shall be filed at the Division of Administrative Hearings, Department of Management Services, 1230 Apalachee Parkway, Tallahassee, Florida 32399-3060. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such a person has to request a hearing under Sections 120.569 and 120.57, F.S., or to participate in the administrative hearing.

After an administrative hearing petition is timely filed, mediation is available pursuant to Subsection 163.3189(3)(a), F.S., to any affected person who is made a party to the proceeding by filing that request with the administrative law judge assigned by the Division of Administrative Hearings. The choice of mediation shall not affect a party's right to an administrative hearing.

-s-Mike McDaniel, Chief
Office of Comprehensive Planning
Division of Community Planning
Department of Community Affairs
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Appendix H. P.E.A.R. Association, Inc. Meeting Information

E-mail notice of March and June meetings

From: Gary Salzman [mailto:garels@embarqmail.com]
Sent: Wednesday, March 13, 2013 8:22 AM
To: Poag, Wendy; Russ Sass; Ron Sanok; Bonilla, Roberto; Peter Moeller; Peg Lindsay; Patricia Burgos; Nadine Foley; Maryann Utegg; Mary Remer; Lynn McGann; Linda Ballard; Kathryn Khodor; Jean Morse; Hal & Peg Urban; George Wolf; Quigley, Gallus; Eugene Bouley; Eleanor Hall; Ed S.; Chris; Cathy Benton; Bob Putman; Bill Davis
Subject: PEAR Meeting Notice

Dear PEAR Family,

The regular quarterly meeting of the PEAR Association will be held on Monday, March 18, 2013, at 2:00pm in the meeting room at PEAR Park. In addition to regular business, we'll be discussing the upcoming Plant Sale, Pear Pearls, Lake Apopka National Wildlife Refuge, the recent Nature Center Open House, and other items such as the PEAR Management Plan. I hope to see you at the meeting.

Gary

Mary, if I've missed anyone, please forward and let me know who they are. Thanks. Gary

PEAR Meeting Notice	
From	Gary Salzman
Date	Thursday, June 13, 2013 9:52:52 AM
To	Poag, Wendy; Russ Sass; Ron Sanok; Bonilla, Roberto; Peter Moeller; Peg Lindsay; Patricia Burgos; Nadine Foley; Mary Remer; Lynn McGann; Linda Ballard; Kathryn Khodor; Jean Morse; Hal & Peg Urban; George Wolf; Quigley, Gallus; Eugene Bouley; Eleanor Hall; Ed S.; Carol Duquay; Bobbie Richards; Bob Putman; Bill Davis
Cc	
Subject	PEAR Meeting Notice

Dear PEAR Family,
The regular quarterly meeting of the PEAR Association will be held on Monday, June 17, 2013 at 2:00pm in the meeting room at PEAR Park. In addition to regular business, we will be discussing the results of the native plant sale, the park Resource Management Plan, the Senator Tree Project, Wings & Wildflowers, and other items. I hope to see you at the meeting.

Gary

Appendix H. P.E.A.R. Association, Inc. Meeting Information (Cont'd)

Here are the minutes of the Pear Association Quarterly meeting of March 18, 2013.

Pear Association P. O. Box 424 Okahumpka FL 34762
Minutes of Quarterly Meeting – March 18, 2013

The Quarterly Meeting of the Pear Association was called to order by President Gary Salzman at 2:03 PM.

Present for today's meeting were: Directors Gary Salzman, Bob Putman, Gene Bouley, Peter Moeller and Peg Lindsay. Also Bill Davis, Jean Morse, Mary Remer, Tori Salzman, Hal Urban and Peg Urban. Bobbie Bonilla and Wendy Poag representing Lake County Parks and Trails were present today. Following the Pledge of Allegiance to the flag of the United States of America, Bill Davis was introduced as the new Committee Chairman of the Grape Arbor. Also a welcome was extended to guest, Omyra Febres.

Minutes of the Annual Meeting were approved. Peg Lindsay motioned to approve and Hal Urban seconded. Minutes of the Reorganizational Meeting were approved. Peg Lindsay motioned and Gene Bouley seconded.

The Treasurer, Bob Putman reported a total balance on hand in checking and CDs of \$8627.31 as of March 15, 2013. This report was accepted and filed for review at year's end. Members turned in to the Treasurer monies for membership and the Heritage Memorial Grove. Bob was also given bills for payment. Gene Bouley, Peter Moeller and Linda Ballard completed the financial review for 2012 and found the books in order.

Bobbie Bonilla, Superintendent of Parks and Trails reported that the Bird Blind bids were to be opened on March 22 and a determination on this project promises to have the facility installed by the end of summer 2013. The Tennis and two Pickle Ball Courts now under construction on the front 50 will be completed by the end of summer 2013.

Wendy Poag brought before our meeting a document required by the state of Florida for leased lands. Our Pear Reserve of 268 acres is one of these lands. The Resource Management Plan Review Update consists of 46 pages of data addressing short and long term goals for this facility. The Parks and Trails Department is hopeful that the Pear Association will endorse this document. Following a discussion the Officers of our corporation will review this document and submit a letter of endorsement to the County. Wednesday, April 24 (two days after Earth Day) IFAS is holding an Expanding Your Plant Pallete seminar. A tour of Pear Park is scheduled from 1:30 to 3:30 PM that day by those attending this event. Wendy feels our personnel on site to assist with questions and goals of our development of our gardens would be a plus.

President, Gary Salzman reported that a letter of support has been sent to the Lake Apopka National Wildlife Refuge in their restoration efforts. Also, our license as a corporation in the state of Florida has been renewed for 2013 and our filing with IRS has been submitted.

Committee Reports

Membership – Bob Putman and Linda Ballard have settled an arrangement for membership. The January 31, 2013 numbers as taken from Linda's spread sheet are: 63 Life Members, 71 Regular Members, 2 Organizations – total membership is 136.

Grape Arbor – Bill Davis reports progress on care, watering and mulch for the grapes.

Meadows – Peter Moeller hopes to do some additional planting this year.

We need rain to bring out the blooms at present.

Nature Center – Gene reports that 2 meetings of the Florida Trails were held here. Also 2 open house events resulted in 30 visitors at the first and 40 visitors at the second. Gene conducted a Rock and Mineral Course with 18 attendees.

Appendix H. P.E.A.R. Association, Inc. Meeting Information (Cont'd)

minutes of the March 18, 2013 meeting. You may wish to read both as both must be approved at the September meeting. Thank you, George Wolf

Pear Association P. O. Box 424 Okahumpka FL 34762

Minutes of Quarterly Meeting June 17, 2013

Following a review of the Bird Blind Site Plans by Wendy Poag, Passive Recreation Coordinator for Lake County Parks and Trails, the meeting was called to order at 2:08 PM by President Gary Salzman. Wendy reported that the final approval for this project is anticipated at the August Meeting of the Board of County Commissioners. The cost is anticipated to be \$ 133,000.00. Not shown in the Site drawings is the planned realignment of University Avenue in the area around the administration building, equipment storage area with parking facilities. This will be an additional item to be presented in the Pear Park Management Plan.

Present for today's meeting were: Gary Salzman, President; Peter Moeller, Director; George Wolf, Recording Secretary; Wendy Poag, Lake Parks and Trails; and Members William Davis, Mary Remer, Hal Urban and Peg Urban. As this did not meet the quorum requirement no actions or motions were made. Minutes of the March 18, 2013 meeting were acknowledged and the treasurer's report was submitted indicating a balance of \$9,660.10 as of May 31, 2013. Our annual Plant Sale resulted in income of \$1,277.55.

Wendy Poag reported on the Wings & Wildflower Festival, October 4,5,&6, 2013. Plans are underway, a booth available for Pear Association and volunteers needed. The website is up for additional details. The Community Garden agreement and the no dogs on the Park premises rule except where specifically permitted were reviewed.

Pear Association personnel reviewed the Pear Park Management Plan, made a number of suggestions as to language, and in a letter dated March 21, 2013 advised the Lake County Parks and Trails the Pear Association endorses this plan (excluding the 50 acre Gateway section of the Park and the 4 acre tract on University Avenue). Wendy presented the revised copy of this 46 page document to President Gary Salzman for our files. This plan is to go before the Board of County Commissioners for their approval at the August meeting.

Gary read a statement from Ed Schlattenhaufen expressing his appreciation for the opportunity to serve as a volunteer our organization for the past nine years. He expressed his wishes for continued energy to carry on and maintain our legacy. Ed and his wife, Carol have moved to the Houston Texas area.

Committee reports were made as follows:

Membership George Wolf reports no additional data since our March 18, 2013 report. 63 Life members, 71 regular members, three organizations for a total of 137.

Grape Arbor Bill Davis presented an extensive report on the grapes. He is initiating improvements to the watering system, fertilizer has been applied and is scheduled again. Harvest is anticipated in mid-August. Bill is concerned that we limit those who pick grapes to preserve our arbors.

Meadows Peter Moeller reports that very little planting has been done this spring. He would like to see a controlled burn after which he will reseed and make additional plantings.

Nature Center - Gary reported on the successful effort by Gene Bouley. We now have in the Nature Center a section of the historic Senator Tree. Gene has researched the history and has developed an exciting display in our Center.

Trails Little activity here. All trails are open and clear.

Publications George Wolf reported on the email newsletter with two editions to date. The Pear Pearls was sent to 186 addresses in late March. Fall issue will be mailed in October.

Mowing Hal Urban reports weekly mowing activity now that the rains have returned. He continues to experience problems with careless placement of tools around the community gardens.

Bluebird Trail Bob Putman reports the birds are doing well.

Community Gardens Gary Salzman reports one empty plot.

Heritage Grove Mary Remer reports that additional tree plantings are scheduled. Mary is compiling data for her replacement as Chair of this committee. She anticipates moving from the area in the fall.

Demonstration Garden Peg Urban reports that maintenance continues. The Butterflies have not returned in full strength to date they are expected when the weather gets hot.

No Reports from Gopher Tortoise, Volunteers, Xeriscape Garden, Dog Park and Historian committees.

Old Business

Appendix H. P.E.A.R. Association, Inc. Meeting Information (Cont'd)

Native Plant Sale Mary Remer reports over 300 plants were sold on April 13. Her records indicated income of \$1198.60. This event has proven to be a good fundraiser for our organization.

New Business

Peg Lindsay is a key volunteer for the Wings and Wildflowers Festival. She will appreciate other volunteers. Visit this activity at www.wingsandwildflowers.com
Wendy Poag called to our attention two new kiosks are now installed at Pear Park. She expressed the importance of these signs, the cost to produce and install them and the value they add to our Premier Regional Park here.

Mary Remer motioned for adjournment. Hal Urban seconded the motion. The meeting was adjourned by President Gary Salzman at 3:35 PM

Respectfully submitted, George Wolf Recording Secretary

These minutes are the work of the recording secretary. They must be approved at the next meeting of the Pear Association before they become official. The next meeting will be on September 16, 2013.

Appendix H. P.E.A.R. Association, Inc. Meeting Information (Cont'd)

Letter of Support



PALATKAHA ENVIRONMENTAL & AGRICULTURAL RESERVE
Association, INC.
P.O. Box 424
Okahumpka FL 34762-0424
(352) 323-6138
~~Fax (352) 326-9522~~

PEAR

March 21, 2013

Wendy Poag
Passive Recreation Coordinator
Department of Public Resources
Lake County Parks and Trails
PO Box 7800
Tavares, Florida 32778

Re: 2013-2023 Resource Management Plan
For P.E.A.R. Park
Submitted on December 21, 2012

Dear Ms. Poag:

The PEAR Association, a 501(c)(3) not-for-profit corporation, is dedicated to the preservation, conservation, and restoration of the western 264-acre tract of PEAR Park. We presently have 136 members and draw most of our membership from the surrounding communities. On March 18, 2013, you, together with Mr. Bonilla, presented the contents of the referenced Management Plan. Members of our Association subsequently reviewed the document. As a result of this presentation and review, the PEAR Association, its officers and members, endorse the findings of this Management Plan. Our volunteers have worked with Lake County Parks and Trails staff on many of the described

PEAR ASSOCIATION, INC. IS A "NOT FOR PROFIT" CORPORATION

Appendix H. P.E.A.R. Association, Inc. Meeting Information (Cont'd)

Letter of Support (Cont'd)

projects and will continue to do so. It is our hope that the future planned projects will occur sooner rather than later.

This endorsement applies exclusively to the western 264-acre tract of PEAR Park. We are not involved with the 50-acre eastern Gateway parcel or the 4-acre tract on University Avenue, so we have no opinion about them.

We look forward to PEAR Park becoming even more beautiful and more welcoming than it is today.

Sincerely,



Gary S. Salzman, President
PEAR Association, Inc.

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information

PARKS, RECREATION AND TRAILS ADVISORY BOARD MEMBER LIST (Two-year terms)

5/7/2013

Ordinance No. 2006-106, enacted Oct. 17, 2006, effective October 24, 2006 changed the name of the *Parks and Recreation Advisory Board* to the *Parks, Recreation and Trails Advisory Board* to coordinate with the renaming of the *Division of Parks and Recreation* to the *Division of Parks and Trails*

NAME/ADDRESS/PHONE	APPOINTED/ REAPPOINTED	TERM EXPIRES
<u>NON-VOTING COMMISSIONER LIAISON</u>		
Commissioner Sean Parks	Appt 1/08/2013	(One Year Term)
<u>School Board Representative</u>		
Dawn McDonald 1711 Tropical Court Tavares, FL 32778 Cell: 352-504-8762 Bus: 352-253-6694	Reappt 5/20/2012	5/20/2014
<u>League of Cities</u>		
Mayor Chris Bell City of Fruitland Park 506 W Berckman Street Fruitland Park, FL 34731 Personal Bus: 352-326-5009 mayor@cbell.com	Reappt 5/20/2012	5/20/2014
<u>Water Authority</u>		
Patricia Burgos Environmental Programs Manager 107 N. Lake Avenue Tavares, FL 32778 Bus: 352-343-3777 Cell: 352-516-4825 pburgos@lcwa.org	Reappt 5/20/2012	5/20/2014
<u>At-Large member who is a resident in unincorporated lake County</u>		
Michael Stone 10148 Bunker Road Leesburg, FL 34788 Res: 352-874-4677 Mstone47@comcast.net	Reappt 5/20/2012	5/20/2014

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

PARKS, RECREATION AND TRAILS ADVISORY BOARD MEMBER LIST (Two-year terms)

NAME/ADDRESS/PHONE	APPOINTED/ REAPPOINTED	TERM EXPIRES
District 1		
Christopher L. Cheshire, DOM (resigned 11/26/12) 1009 Marilyn Street Fruitland Park, FL 34731 Res: 352-446-6174 Bus: 352-430-2720 drcheshire@gmail.com	Appt 5/17/2011	5/20/2013
District 2		
Rick Roberts % Central Florida Reprographics 2205 Cluster Oaks Dr. <i>changed address & phone 3/28/13</i> Clermont, FL 34711 Res: 352-241-7758 Cell: 352-241-7768 prints@cfrepro.com <i>changed email address 1/16/13</i>	Reappt. 5/17/2011	5/20/2013
District 3		
David Clutts 29247 Old Mill East Tavares, FL 32778 Res: 352-253-1055 Bus: 352-742-5011 Cell: 352-552-4670 dclutts@civilengsolutions.com	Reappt 5/07/2013	5/20/2015
District 4		
Kenneth Weld, Jr. 31024 Quail Hollow Sorrento, FL 32776 Res: 352-406-8724 skipweld@gmail.com	Reappt 5/07/2013	5/20/2015
District 5		
Todd Luce (resigned 3/13/13) 360 W Ruby Street Tavares, FL 32778 Bus: 352-343-9500 Todd.luce@lcso.org	Reappt. 5/17/2011	5/20/2013

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

PARKS, RECREATION AND TRAILS ADVISORY BOARD MEMBER LIST (Two-year terms)

The membership of the Parks, Recreation and Trails Advisory Board shall consist of nine (9) members appointed by the Board of County Commissioners as follows:

- 1 Member from each County Commissioner District
- 1 Member from Lake County League of Cities, or a designee
- 1 Member from the Oklawaha Basin Recreation and Water Conservation and Control Authority, also known as the Lake County Water Authority, or a designee
- 1 Member from the Lake County School Board, or a designee
- 1 Member who is a resident in unincorporated Lake County

The term of office for all appointed members shall be two (2) years, with those representing the County Commissioners' districts having a term beginning in odd numbered years and all other members with a term beginning in even numbered years.

THIS BOARD IS NOT REQUIRED TO FILE FINANCIAL DISCLOSURE FORMS.

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

May 13, 2013 Meeting Notice

1545 Lone Pine Colonnade
Tavares, FL 32778

Lake County Library Advisory Board
May 16, 2013, 5:00 pm
Lake County Agricultural Center
Training Room "A"
1951 Woodlee Rd.
Tavares, FL 32778

Lake County Zoning Board
May 29, 2013, 6:00 am
Lake County Administration Building
315 W. Main Street
2nd Floor, BCC Chambers
Tavares, FL 32778

Lake Soil & Water Conservation District Board Meeting
May 8, 2013, 9:00 am
Lake County Agricultural Center
1951 Woodlee Rd.
Tavares, FL 32778

Parks, Recreation and Trails Advisory Board
May 13, 2013, 3:30 pm
Lake County Agricultural Center
Auditorium
1951 Woodlee Rd.
Tavares, FL 32778

Tourist Development Council
Regular Meeting & Capital Funding
Submittal 1 - 1st Hearing
May 8, 2013, 1:00 pm
Lake County Administration Building
2nd Floor, Board Chambers
315 W. Main Street
Tavares, FL 32778

Tourist Development Council
Meeting for Capital Funding Submittal
1 - 2nd Hearing
May 28, 2013, 1:00 pm
Lake County Administration Building
2nd Floor, Board Chambers
315 W. Main Street
Tavares, FL 32778

All interested citizens are welcome to attend. Persons with disabilities who need assistance to participate in any of these proceedings should contact the Department of Facilities Management at (352) 243-9760, 48 hours in advance of the scheduled meeting.

One or more County Commissioners and one or more members of different committees or boards may be in attendance and may participate in discussions on any of the committee or board meetings noticed in this monthly schedule.

Pursuant to the provisions of Chapter 286, Florida Statute, Section 286.0105, if a person decided to appeal any decision made by an above named committee with respect to any matter considered during any meeting of such committee, he or she may need to ensure a verbatim record of the proceedings is made, which may include the testimony and evidence upon which the appeal is to be based.

LAKE COUNTY, FLORIDA
CLERK OF THE BOARD OF COUNTY COMMISSIONERS

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

Meeting Agenda May 13, 2013

PARKS, RECREATION & TRAILS ADVISORY BOARD

Agenda

Meeting May 13, 2013 3:30PM
Lake County Agricultural Center, Auditorium
1951 Woodlea Rd.
Tavares, FL 32778

Call to Order / Meeting Properly Noticed / Quorum

Approval of Minutes – March 11, 2013

Old Business

- Advisory Board reappointments and vacancies

New Business

- Presentation – Lake County Trails by Gallus Quigley

Project Update

Active Parks

- East Lake Community Park
- Minneola Athletic Complex

Passive Parks

- Ferndale Preserve
- P.E.A.R. : 2013-2023 Resource Management Plan

Linear Parks

- North Shore Overlook and Trailhead

Next Meeting

- Date: July 8, 2013
- Time: 3:30 PM
- Place: Library Services Conference Room
2401 Woodlea Road, Tavares FL 32778

Adjournment

Agenda 5-13-2013

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

May 13, 2013 Meeting Minutes

ADVISORY BOARD			
DATE May 13, 2013			
Present:		Staff:	
Rick Roberts	District 2	Bobby Bonilla	Parks & Trails Div. Manager
David Clutts	District 3	Wendy Breeden	Public Resources Director
Ken Weld	District 4	Gallus Quigley	Trails Recreation Specialist
Mike Stone	At Large	Bill Veach	Deputy County Manager
Patricia Burgos	Water Authority		
Dawn McDonald	School Board		
Commissioner Parks	Comm. Liaison		
Absent:		Scribe:	
Vacant	District 1	Jenny Born	Office Associate IV
Vacant	District 5		
Chris Bell	League of Cities		

Chairman Stone called the May 13, 2013 meeting to order at 3:33 PM. The meeting was properly noticed and a quorum was present. Chairman Stone called for a motion to accept the March 11, 2013 meeting minutes. The motion was made by Kenneth Weld and seconded by David Clutts.

Old Business

Advisory Board reappointments and vacancies - Districts 1 and 5 are currently vacant. District 2 member is scheduled to be appointed by the BCC at their regular meeting on June 18, 2013. The existing members of Districts 3 and 4 were reappointed by the BCC at their regular meeting held on May 7, 2013.

HCP - Bobby Bonilla mentioned that the BCC approved the latest contract extension (expires June 30 2013) of the Habitat Conservation Plan (HCP). He also stated that in order to have sufficient time to complete the HCP and all the grant requirements that staff is requesting a two year grant extension from Florida Fish and Wildlife Conservation Commission (FFWCC).

South Lake Regional Park – Bobby Bonilla mentioned that staff is working with the County attorney's office in updating the boundary and topography surveys along with the necessary environmental assessment reports for the Clermont property. Staff is also working with the City of Groveland on a date and location for a public meeting to discuss the future park plans.

New Business

Presentation – Gallus Quigley gave a presentation on the Lake County's Trail system, which consists of paved, unpaved and the waterway trails. The highlights were on the recent South Lake Trail improvements. Some of these improvements consist of repairs to the truncated domes mats, erosion, retaining wall repairs, boardwalk repairs and signage. Rick Roberts asked if the structural repairs fall on the Parks & Trails Division for the repairs. Gallus stated that the Public Works Department purchases the right of way, designs and built trails. Trail maintenance and repairs are performed by the Division of Parks & Trails. A discussion was held on trails and funding for trail maintenance. Kenneth Weld made a motion recommending that adequate funding be provided to Park & Trails in order to maintain the integrity of the existing trails system. David Clutts seconded the motion.

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

May 13, 2013 Meeting Minutes Cont'd

Gallus spoke about the propose trail connection between the Trout Lake Nature Center, Pine Meadows Conservation Area property and the Lake May Reserve. The propose trail will also be running through City of Eustis properties and some private land.

An update was also provided on the proposed Lake-Wekiva Trail alignment which would run alongside SR46 and south into the planned West Orange Connector. The Connector would run adjacent to the Neighborhood Lakes Reserve public land property and connect to Kelly Park in Orange County and eventually connect to the existing West Orange Trail.

Project Updates

East Lake Community Park – Bobby Bonilla invited all members of the Board to attend the East Lake Community Park ribbon cutting scheduled for Thursday, May 23rd at 11:00 am.

Minneola Athletic Complex – A pre-bid meeting for the concrete path and additional parking park improvements will be held on June 22nd. The ADA chairlift and new staircase contract is scheduled for BCC approval on June 4th.

Ferndale Preserve – The playground contract is scheduled for BCC approval on June 4th. The playground is part of the Florida Communities Trust (FCT) grant requirement.

P.E.A.R. Park – Bobby Bonilla provided the Advisory Board members with background information on P.E.A.R. Park and discussed the ten (10) year 2013-2023 Resource Management Plan. He mentioned that the County has a 50 year lease from the State for 268 acres (rear parcel) of P.E.A.R. Park. Every ten years we have to submit a management plan to the State for their review. Bobby mentioned that the County has received a letter from the P.E.A.R. Association endorsing the 2013-2023 Resource Management Plan. The 2013-2023 Resource Management Plan will be posted for at least 30 days on the County's web-site for additional public input/comments and be mentioned at a BCC meeting. A discussion was held related to the management plan by Board members. David Clutts made a motion supporting the 2013-2023 Resource Management Plan for P.E.A.R. Park. Dawn McDonald seconded the motion.

North Shore Overlook – Bobby Bonilla mentioned that the North Shore Overlook and Trailhead project design and bid construction documents were completed and approved by FDOT. He mentioned that once we receive the notice to proceed from the FDOT, we'll be advertising and scheduling the pre-bid meeting. He mentioned that we are on schedule to complete all the environmental requirements and break ground this fiscal year.

Next Meeting

- **Date:** July 8, 2013
- **Time:** 3:30 pm
- **Place:** Library Services Conference Room
2401 Woodlea Road, Tavares FL 32778

Chairman Stone called for a motion to adjourn, Kenneth Weld made the motion and David Clutts seconded the motion. The meeting ended at 4:39 pm.

Respectfully Submitted by
Jenny Born
Parks, Recreation and Trails Advisory Board Scribe

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

July 8, 2013 Meeting Notice

Lake County Agricultural Center
Training Room "A"
1951 Woodlee Rd.
Tavares, FL 32778

Lake County Zoning Board
July 2, 2013, 9:00 a.m.
Lake County Administration Building
115 W. Main Street 2nd Floor,
McC. Chambers
Tavares, FL 32778

Lake Soil & Water Conservation
District Board Meeting
July 24, 2013, 3:00 p.m.
Lake County Agricultural Center
1951 Woodlee Rd.
Tavares, FL 32778

Parks, Recreation and
Trails Advisory Board
July 8, 2013, 3:30 p.m.
Library Services Conference Room
2401 Woodlee Road
Tavares, FL 32778

Tourist Development Council
NO MEETING THIS MONTH

Public Safety Coordinating Council
July 9, 2013, 3:00 p.m.
Lake County Agricultural Center
Training Room "A"
1951 Woodlee Rd.
Tavares, FL 32778

All interested citizens are welcome to attend. Persons with disabilities who need assistance to participate in any of these proceedings should contact the Department of Facilities Management at (352) 343-9760, 48 hours in advance of the scheduled meeting.

One or more County Commissioners and one or more members of different committees or boards may be in attendance and may participate in discussions on any of the committee or board meetings noticed in this monthly schedule.

Pursuant to the provisions of Chapter 286, Florida Statute, Section 286.0105, if a person decided to appeal any decision made by an above named committee with respect to any matter considered during any meeting of such committee, he or she may need to ensure a verbatim record of the proceedings is made, which may include the testimony and evidence upon which the appeal is to be based.

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Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

Meeting Agenda July 8, 2013

**PARKS, RECREATION & TRAILS
ADVISORY BOARD**

Agenda

Meeting July 8, 2013 3:30PM
Library Services Conference Room
2401 Woodlea Road
Tavares, Florida 32778

Call to Order / Meeting Properly Noticed / Quorum

Approval of Minutes – May 13, 2013

Old Business

- Advisory Board reappointments and vacancies
- Pine Meadows Conservation Area property
- Lake-Wekiva Trail/West Orange Connector
- South Lake Regional Park-July 9, 2013 Public Meeting
- Lake Idamere Park-Miracle Field & The Children's Memorial Garden

New Business

- Presentation – Lake County properties and their ecosystems by Wendy Poag

Project Updates

Active Parks

- Minneola Athletic Complex

Passive Parks

- Ferndale Preserve
- P.E.A.R. Park: 2013-2023 Resource Management Plan

Linear Parks

- North Shore Overlook and Trailhead

Next Meeting

- Date: September 9, 2013
- Time: 3:30 PM
- Place: Library Services Conference Room
2401 Woodlea Road, Tavares FL 32778

Agenda 7-08-2013

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

July 8, 2013 Meeting Minutes

PARKS, RECREATION & TRAILS ADVISORY BOARD DATE July 8, 2013			
Present:		Staff:	
Rick Roberts	District 2	Bobby Bonilla	Parks & Trails Div. Manager
Chris Bell	League of Cities	Wendy Breeden	Public Resources Director
Dawn McDonald	School Board	Bill Veach	Deputy County Manager
Mike Stone	At Large	Wendy Poag	Recreation Coordinator
Patricia Burgos	Water Authority		
Commissioner Parks	Comm. Liaison		
Absent:		Scribe:	
Vacant	District 1	Jenny Born	Office Associate IV
Vacant	District 5		
David Clutts	District 3		
Ken Weld	District 4		

Chairman Stone called the July 8, 2013 meeting to order at 3:36 PM. The meeting was properly noticed and a quorum was present. Chairman Stone called for a motion to accept the May 13, 2013 meeting minutes. The motion was made by Patricia Burgos and seconded by Rick Roberts.

Old Business

Advisory Board reappointments and vacancies - Districts 1 and 5 are currently vacant. District 2, Rick Roberts was reappointed by the BCC at their regular meeting held June 18, 2013.

Pine Meadows Conservation Area Property - On July 9th the District's staff recommendation to donate 770 acres to Lake County is scheduled to go before the SJRWMD Board for approval. There is also 34 acres that SJRWMD is recommending to surplus. Rick Roberts asked if we would have to start maintaining this property and Wendy Breeden stated not until 2015.

Lake-Wekiva Trail/West Orange Connector - Staff held preliminary discussion via phone with the state regarding state owned land (Parcel 7) in the Wekiwa Springs State Park. Parcel 7 provides the land needed for a future trail connection between the proposed Lake Wekiwa Trail and the existing West Orange Trails system. Parcel 7 is also adjacent to the County owned Neighborhood Lakes Reserve.

South Lake Regional Park - On July 9th at 6:30pm, a public meeting regarding the proposed South Lake Regional Park will be held in the City of Groveland's Puryear Building.

Lake Idamere Park-Miracle Field & the Children's Memorial Garden - Bobby Bonilla mentioned that the grant application submitted in 2011 by the County for the Miracle Field project has been approved by the state and that the grant award is for \$200,000. Rick Roberts asked if there was a group doing the fundraising for the Miracle Field. Chairman Stone stated that there was a group who has been meeting regularly regarding the Miracle Field. Wendy Breeden stated that the Lake County Children's Foundation has helped by setting up a bank

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

July 8, 2013 Meeting Minutes Cont'd

account for handling donations for the Miracle Field. Rick Roberts stated he belongs to a Little League Organization and they were looking for a project to support.

Bobby stated that Cornerstone Hospice Foundation, Inc. has signed the agreement for the development of a Children's Memorial Garden and that the agreement is scheduled to go before the BCC for approval at its August 27, 2013 regular meeting.

New Business

Presentation – Wendy Poag gave a presentation on Lake County's properties and their ecosystems.

Patricia Burgos asked about the Parks & Trails budget and why on the trim notice there was not a separate funding for just the Parks. There was some discussion regarding how the MSTU funding has changed from roads/stormwater/parks to just stormwater and parks.

Project Updates

Minneola Athletic Complex - The contract for the construction of the path system and parking area is scheduled to go before the BCC on August 13. The construction of the new staircase and ADA chairlift is 40% complete.

Ferndale Preserve – The playground equipment contract was approved by the BCC on June 4th. The playground is part of the Florida Communities Trust (FCT) grant requirement.

P.E.A.R. Park – A letter of support recommending approval of the 2013-2023 Resource Management Plan was read by the Chairman of the Parks, Recreation and Trails Advisory Board. A motion was made by Rick Roberts and seconded by Chris Bell to accept the letter and forward it to the BCC. Bobby mentioned that the County has received a \$3000 grant from the Florida Wildflower Foundation to be used at P.E.A.R. Park.

North Shore Overlook - Construction bid closing is scheduled for July 17th. Staff and members of the Green Mountain Scenic Byway Committee are removing native plant materials from the site before construction begins. Some of the plants removed are being planted at Ferndale Preserve and others will be preserved for replanting at the North Shore Overlook site.

Next Meeting

- **Date:** September 9, 2013
- **Time:** 3:30 pm
- **Place:** Library Services Conference Room, 2401 Woodlea Road, Tavares FL 32778

Chairman Stone called for a motion to adjourn, Rick Roberts made the motion and Patricia Burgos seconded the motion. The meeting ended at 4:41 pm.

Respectfully Submitted by
Jenny Born Parks, Recreation and Trails Advisory Board Scribe

Appendix I. Parks, Recreation & Trails Advisory Board Meeting Information (Cont'd)

Letter of Support

PARKS, RECREATION & TRAILS ADVISORY BOARD

July 8, 2013

Honorable Leslie Campione, Chairman
Lake County Board of County Commissioners
P.O. Box 7800
315 W. Main Street
Tavares, FL 32778 - 7800

Dear Chairman Campione:

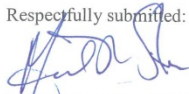
The Lake County Parks, Recreation and Trails Advisory Board requested that I communicate with the County Commission to express our support of the 2013 - 2023 Resource Management Plan. As you all know, Palatka Environmental and Agricultural Reserve (PEAR) Park is one of the most popular recreational (passive recreation) park in the County.

We also realize that over the last ten (10) years Lake County has stepped up and committed resources to address the needs of the Master and Management Plans. We applaud your efforts and feel that for continued success, it is important to continue to adequately fund the management and operations of the Lake County's Parks and Trails System.

The Parks, Recreation and Trails Advisory Board stand ready to answer any questions that you may have and to provide any assistance that may be needed.

Thank you for your consideration in this matter.

Respectfully submitted:



Michael R. Stone, Chairman
Lake County Parks, Recreation and Trails Advisory Board

Cc: Lake County Board of County Commissioners
David Heath, County Manager
Wendy Breeden, Public Resource Director
Bobby Bonilla, Parks & Trails Division Manager
Parks, Recreation and Trails Advisory Board members

Appendix J. Lake County Board of County Commissioners Meeting Information

Notice of Public Hearing

Announcements	Legal Notices	Legal Notices
Auto Transport	Public Hearing Notices	Sale Notices
Introduction Services WILD LOCAL CHATLINE — Send Messages FREE! Straight 321-400-6150 Curious 321-400-6151 Use FREE Code 7983, 18+	Capital Facilities Advisory Committee (CFAC) August 22, 2013, 9:30 a.m. Emergency Communication and Operation Center (ECOC) 2nd Floor, Conference Room 425 W. Alfred Street Tavares, FL 32778 Elder Affairs Coordinating Council August 22, 2013, 9:00 a.m. Lake County Agricultural Center, Training Room "A" 1951 Woodlea Road Tavares, FL 32778 Enterprise Zone Development Agency NO MEETING THIS MONTH Lake County Board of Adjustment Hearing NO MEETING THIS MONTH Lake County Children's Services Council August 21, 2013, 9:00 a.m. Lake Tech's Institute of Public Safety, Room 302 1565 Lane Park Cutoff Rd. Tavares, FL 32778 Lake County Library Advisory Board NO MEETING THIS MONTH Lake County Zoning Board August 7, 2013, 9:00 a.m. Lake County Administration Building 315 W. Main Street 2nd Floor, BCC Chambers Tavares, FL 32778 Lake Soil & Water Conservation District Board Meeting August 28, 2013, 3:00 p.m. Lake County Agricultural Center 1951 Woodlea Rd. Tavares, FL 32778 Public Hearing P.E.A.R. Park 2013-2023 Resource Management Plan August 27, 2013, 9:00 a.m. Lake County Administration Building 2nd Floor Rotunda, Board Chambers 315 W. Main Street Tavares, FL 32778 Tourist Development Council Regular Meeting and Workshop August 6, 2013, 3:00 p.m. Lake County Administration Building 2nd Floor, Board Chambers 315 W. Main Street Tavares, FL 32778	IN THE CIRCUIT COURT OF THE FIFTH JUDICIAL CIRCUIT, IN AND FOR LAKE COUNTY, FLORIDA Case No: 2010-CA-002936 CHRISTIANA TRUST, A Division of Wilmington Savings Fund Society, FSB, as trustee for Stanwich Mortgage Loan Trust, Series 2012-13, Plaintiff, vs. NIZAM KHAN, REGAL POINTE HOMEOWNERS ASSOCIATION, INC., SSS INVESTMENTS GROUP, INC., UNKNOWN TENANT #1, and UNKNOWN TENANT #2, Defendant. NOTICE OF SALE PURSUANT TO CHAPTER 45 NOTICE IS HERBY GIVEN pursuant to an Order or Summary Final Judgment of Foreclosure dated May 9, 2013, and entered in Case No. 2010-CA-002936, of the Circuit Court in and for Lake County, Florida, wherein CHRISTIANA TRUST, A Division of Wilmington Savings Fund Society, FSB, as trustee for Stanwich Mortgage Loan Trust, Series 2012-13 is Plaintiff and NIZAM KHAN, REGAL POINTE HOMEOWNERS ASSOCIATION, INC., SSS INVESTMENTS GROUP, INC., UNKNOWN TENANT #1, and UNKNOWN TENANT #2 are Defendants, I will sell to the highest and best bidder for cash at Lake County Judicial Center, Lake County Judicial Center, Florida at 11 a.m. on August 20, 2013, the following described property as set forth in said Order or Final Judgment, to-wit: The West 1/2 of Tract 21, in Section 35, Township 22 South, Range 24 East, Groveland Farms, according to the plat thereof, as recorded in Plat Book 2, Page 10 and 11, Public Records of Lake County, Florida. Notification In accordance with the AMERICANS WITH DISABILITIES ACT, if you are a person with a disability who needs any accommodation in order to participate in this proceeding, you are entitled, at no cost to you, to the provision of certain assistance. Please contact Lake County Clerk of Circuit Court, P.O. Box 7800, Tavares, FL 32778-7800, telephone (352) 742-4148 within two (2) working days of your receipt of this Notice of Hearing. If hearing impaired
Employment		
Trade/Industrial & Security		
DISTRIBUTION/COLLECTIONS OPERATIONS CHIEF — 3 years exp. in operation, maint/repair of water & sewer pumps, motors & related equip. Visit www.cityofclermontfl.com for details. EOE, M/F, D/V, DFWP		
FILLING MACHINE OPERATOR. — Operate & maintain equipment. Ability to lift and move up to 50 lbs. regularly, high school diploma, communication, math, mechanical & organizational skills are required. Manufacturing plant located @ 2850 Dillard Road. Apply in person or email resume to clerk@rcdcorp.com WEB OS16812		
Legal Notices		
Notice of Administration NOTICE TO CREDITORS In The Circuit Court For Lake County, Florida Probate Division File Number 2013-CP- 000084 In Re: Estate Of CLAUDE E. MAXWELL, Deceased The administration of the estate of the above named decedent, using the file number shown above, is pending in the Probate Division of the above named Circuit Court, having the address shown below, along with the names and addresses of the personal representative and the personal representative's attorney. NOTICE is hereby given		

Appendix J. Lake County Board of County Commissioners Meeting Information (Cont'd)

Signs Announcing Public Hearing



BOARD OF COUNTY COMMISSIONERS
LAKE COUNTY, FLORIDA

REGULAR MEETING

August 27, 2013

COUNTY COMMISSIONERS

Leslie Campione, Chairman
Timothy I. Sullivan, District #1
Sean Parks, District #2
Jimmy Conner, District #3
Welton G. Cadwell, District #5

David Heath, County Manager
Neil Kelly, Clerk to the Board
Sanford A. Minkoff, County Attorney

DISCLAIMER

*To view upcoming meeting dates and locations, or for more
information on upcoming meetings, visit
www.lakecountyfl.gov/bccmeetings, or call (352) 343-9888.*

This booklet has been prepared for the convenience of the Board of County Commissioners in discussing matters before them. Every effort has been made to include all items to be discussed at this Board of County Commissioners meeting, however, Commissioners may add items, which are not a part of this Agenda, or items may be removed from consideration. While it has been the goal to present error-free information, we do not represent that documentation is without errors or omissions.

In addition to regular Board meetings, the Board of County Commissioners may, from time to time, schedule a workshop during which they will receive information from staff, have discussions with staff and among themselves, and then proceed to give staff direction on the subject matter being discussed unless otherwise shown on the Agenda item. These discussions and workshops do not take the place of the formal public hearing process during which any member of the public may comment and formal action is taken.

The Board and staff welcome written comments prior to workshops and other meetings. If you have comments or questions regarding the subject matter of any Board action or workshop, please deliver your written comments to appropriate County staff or mail to the Board of County Commissioners, Post Office Box 7800, Tavares, FL 32778.

Appendix J. Lake County Board of County Commissioners Meeting Information (Cont'd)

Agenda Item Tab 17 Requesting Approval of 2013-2023 Resource Management Plan

- Tab 17 Request approval of the 2013-2013 Resource Management Plan for the Palatlahaka Environmental and Agricultural Reserve (P.E.A.R.) Park. Approval for staff to submit the 2013-2023 Resource Management Plan to the Division of State Lands - Office of Environmental Services for review by the Acquisition and Restoration Council (ARC). There is no fiscal impact. Commission District 3
- Tab 18 Request approval of Certificate of Public Convenience and Necessity for Lake Emergency Medical Services, Inc.
- Tab 19 Public Hearing on Vacation Petition # 1197 to vacate a portion of right of way of Glenn Drive and approval and execution of resolution. There is no fiscal impact. Commission District 3
- Tab 20 Public Hearing on Vacation Petition # 1180 to vacate and cease maintenance on S. Libby Road, lying Westerly of Wilson Lake Parkway and Southerly of West Libby Road. There is no fiscal impact. Commission District 1
- Tab 21 Public hearing for the approval of the FY2014-2018 Road Impact Fee Transportation Construction Program, approval of the Federal/State Grants Transportation Construction Program, and approval of the Renewal Sales Tax Capital Projects – Road Transportation Construction Program. The fiscal impact for FY 2014 is estimated at \$19,722,000 - Expenditure. Commission Districts 1, 2, 3, 4, and 5

VIII. COUNTY MANAGER'S DEPARTMENTAL BUSINESS

Growth Management

- Tab 22 Request permission to advertise a Public Hearing for the following ordinances:
- Amendment to Off-Premise Signs
 - Amendment to Chapter II regarding the definition of "Music Festival"
 - Amendment to the Tree Removal Ordinance
 - Amendment to the Special Event Ordinance

Public Resources

- Tab 23 Presentation and update on the status of the "Interlocal Agreement between Lake County, Florida and Polk County for Joint Use of the Cagan Crossings Community Library." Staff direction requested. The fiscal impact for FY 2014 is an anticipated reduction up to \$78,000 in budgeted revenue based on Board direction.

Appendix J. Lake County Board of County Commissioners Meeting Information (Cont'd)

BOARD ACTION

August 27, 2013

CITIZEN QUESTION AND COMMENT PERIOD

Page 3

Mr. Gary Salzman, a resident of Leesburg and the President of the PEAR Association, referred to the approval of the 2013-2023 Resource Management Plan for PEAR Park in Tab 17 and stated that the Parks and Trails Division presented this to the PEAR Association. He commented that after reviewing this plan, they heartily endorse it and hope that the Board will approve it and forward it to the appropriate state agency.

Page 4-5

APPROVED

Tab 17. PUBLIC HEARING. Request approval of the 2013-2013 Resource Management Plan for the Palatlahaha Environmental and Agricultural Reserve (P.E.A.R.) Park. Approval for staff to submit the 2013-2023 Resource Management Plan to the Division of State Lands - Office of Environmental Services for review by the Acquisition and Restoration Council (ARC). There is no fiscal impact.
Commission District 3. CAMPIONE

Appendix K. Site Improvements Map



Property Boundary of Out Parcel



Outline of 4 acre outparcel

Appendix L. Operating Budget (Estimated) for FY 2012–2013*.

PERSONNEL:

Division Manager	\$15,000.00
Program Manager	\$5,000.00
Rec. Coordinator	\$20,000.00
Park Ranger	\$50,000.00
Park Attendant	\$35,000.00
Office Associate	\$3,000.00
Accountant Tech	\$2,000.00
Vendors	\$150,000.00
TOTAL:	\$280,000.00

OPERATING:

Communication	\$750.00
Utilities	\$6,000.00
Rental / Lease	\$1,500.00
Repair	\$400.00
Printing	\$2,000.00
Promotional	\$4,000.00
Office Supplies	\$600.00
Operating Supplies	\$1,500.00
TOTAL:	\$16,750.00

CAPITAL IMPROVEMENTS, OPERATING:

Tractor w/accessories	\$15,000.00
Truck, 4X4	\$30,000.00
HD Trailer	\$5,000.00
Turf Mower	\$15,000.00
Utility Vehicle, Trailer	\$20,000.00
Power/Hand tools	\$5,000.00
Chemical Applicator	\$2,000.00
Computer Station	\$2,500.00
SUBTOTAL:	\$94,500.00

TOTAL OPERATING: \$391,250.00

CAPITAL IMPROVEMENT PROJECTS:

FY 2012-2013* \$250,000.00

*Note: if the above mentioned capital improvements are developed, the operating cost will increase accordingly. All capital development is being done in phases as funds become available. Expenses are expected to increase by 15–25% each fiscal year. Budget funding is contingent upon availability of funds provided by Lake County Board of County Commissioners, grant assistance, and volunteer assistance.

Appendix M. Associated Costs (Estimated) of Priority Management Activities for FY 2012–2013*.

RESOURCE MGMT.

Wetland Restoration	\$190,000.00
Upland Restoration	\$318,000.00
River Trail Restoration and Maintenance	\$50,000.00
SUBTOTAL:	\$558,000.00

ADMINISTRATION (office staff)

Division Manager	\$15,000.00
Program Manager	\$5,000.00
Recreation Coordinators	\$20,000.00
Office Associate	\$3,000.00
Accountant Technician	\$2,000.00
SUBTOTAL:	\$45,000.00

SUPPORT (field staff)

Park Rangers	\$50,000.00
Park Attendants	\$35,000.00
Vendors/Contractors	\$150,000.00
SUBTOTAL:	\$235,000.00

CAPITAL IMPROVEMENTS, OPERATING:

Tractor w/accessories	\$15,000.00
Truck, 4X4	\$30,000.00
HD Trailer	\$5,000.00
Turf Mower	\$15,000.00
Utility Vehicle, Trailer	\$20,000.00
Power/Hand tools	\$5,000.00
Chemical Applicator	\$2,000.00
Computer Station	\$2,500.00
SUBTOTAL:	\$94,500.00

VISITOR SERVICES/RECREATION

Educational Programs/Classes	\$2,000.00
Scheduled Nature-based Events	\$2,000.00
Scheduled Active-based Events	\$2,000.00
SUBTOTAL:	\$6,000.00

LAW ENFORCEMENT

Leesburg Police Dept.	N/A
Lake County Sheriff's Dept.	N/A
Contractual/Security	\$10,000.00
SUBTOTAL:	\$10,000.00

TOTAL OPERATING: \$948,500.00

*See note for Appendix I.

Appendix N. Potential Costs of Additional Unfunded Management Activities for FY 2012–2013.

**ADDITIONAL MANAGEMENT
ACTIVITY**

Picnic Pavilions	\$200,000.00
Pickle Ball Courts	\$180,000.00
Landscape/Irrigation/Stormwater Ponds	\$500,000.00
Parking	\$200,000.00
Roads	\$900,000.00
Restrooms	\$250,000.00
Trails	\$200,000.00
Site Furnishings and Signage	\$30,000.00
Fencing	\$50,000.00
Environmental	\$700,000.00
TOTAL	\$3,210,000.00

*Note: if the above mentioned capital improvements are developed, the operating cost will increase accordingly. All capital development is being done in phases as funds become available. Expenses are expected to increase by 15–25% each fiscal year. Budget funding is contingent upon availability of funds provided by Lake County Board of County Commissioners, grant assistance, and volunteer assistance.

Appendix O. Examples of Educational Kiosks



Appendix O. Examples of Educational Kiosks (Cont'd)

Introduction ★ = PEAR Park's location

PEAR Park is located in the central portion of Lake County along the Palatka River, southwest of Lake Eustis. Before the formation of Lake County in 1887, this land was part of Sumter County, although the area had been considered rural and the population had remained sparse until the years after the Civil War. During the late nineteenth and early twentieth centuries, agriculture was the primary pursuit for most of Lake County, with citrus, vegetables, and turpentine accounting for the majority of production. Beginning in 1929, the portion of the park adjacent to the surveyed area was used as an experimental agricultural station operated by the University of Florida.

In 2009, 81 acres of Palatka Environmental and Agricultural Reserve (PEAR) Park was surveyed on behalf of Lake County Parks and Trails. The survey only located one site within the park, an early twentieth-century bridge over the Palatka River. The bridge was either dismantled or fell into disuse following the construction of US 27.

Turpentine Production

Turpentine is an important product that has been distilled in central Florida since the antebellum period; however, it did not become a commercial commodity in the area until the 1880s. Turpentine is manufactured by distilling the resin from pine trees such as long leaf pine (*Pinus palustris*). The resin of the tree was extracted by chipping strips of bark and letting the gum sap drain into metal gutters or ceramic cups placed below the cuts in the tree.

After the resin was collected, it was consolidated in barrels and hauled by wagon to a turpentine still. During the distillation process the gum sap was heated in a large boiler. When it reached the boiling point, the turpentine separated from the gum as steam or vapor and was transported through pipe to a collection vat. Cold water was used to cool the steam to re-condense into spirit of turpentine. Both the residual gum resin and the turpentine were used in the manufacture of paint, varnish, soap, and other products.

The turpentine industry was the primary beneficiary of a freeze that struck citrus crops in the winter of 1894-1895. With large quantities of abandoned land following the freeze, speculators purchased large tracts containing former orange groves and timber resources not yet placed under citrus production. They purchased these lands cheaply and sold them to turpentine businesses. Companies such as Edge Mercantile Company of Groveland, which operated a sawmill, a turpentine business, and a citrus orchard, were formed during this period. This labor intensive industry brought large numbers of workmen into the region to harvest the trees and distill the turpentine; however many of the turpentine camps had issues with crime and lawlessness, with some of the workers being part of convict labor teams. Nevertheless, the economic boom from the turpentine industry created investment in the county, allowing Lake County to recover economically from the devastation to its citrus crop.

LAKE COUNTY FLORIDA
 OFFICE OF COUNTY ADMINISTRATION
 Parks & Trails Division
www.lakecountyfl.gov/parks
 352-253-4660

Appendix O. Examples of Educational Kiosks (Cont'd)



Citrus Cultivation

Citrus produce was the primary agricultural commodity grown in Lake County during the late nineteenth century through mid twentieth century. Although citrus trees are not native to Florida, they were introduced to the Caribbean by Christopher Columbus in 1493. The "sweet orange", which is the stock of present citrus crops in Florida, was probably introduced in the St. Augustine area by Spanish colonists as early as 1579, along with lemons and limes. During the late sixteenth and early seventeenth centuries, citrus agriculture spread along the Florida coast. During these early decades, the fruit was distributed to the Native Americans with whom the settlers interacted. The Indians brought the fruit and its seeds to the interior of the Florida peninsula, allowing groves to develop before Euro-American settlers ventured inland to claim the lands. Many of these wild oranges mark the locations of former Native American camp sites throughout central and south Florida.

The orange trees that the Spanish brought to Florida thrived in Lake County and wild groves were numerous when settlers arrived in the area. Originally, the cattle ranchers who used the lands tended the groves, and because the costs of upkeep were minimal, they saw the groves as an additional source of income. Many of these established wild orange groves were composed of a variety of sour orange. After the Civil War, growers learned to graft sweet orange stocks onto these sour orange root systems.

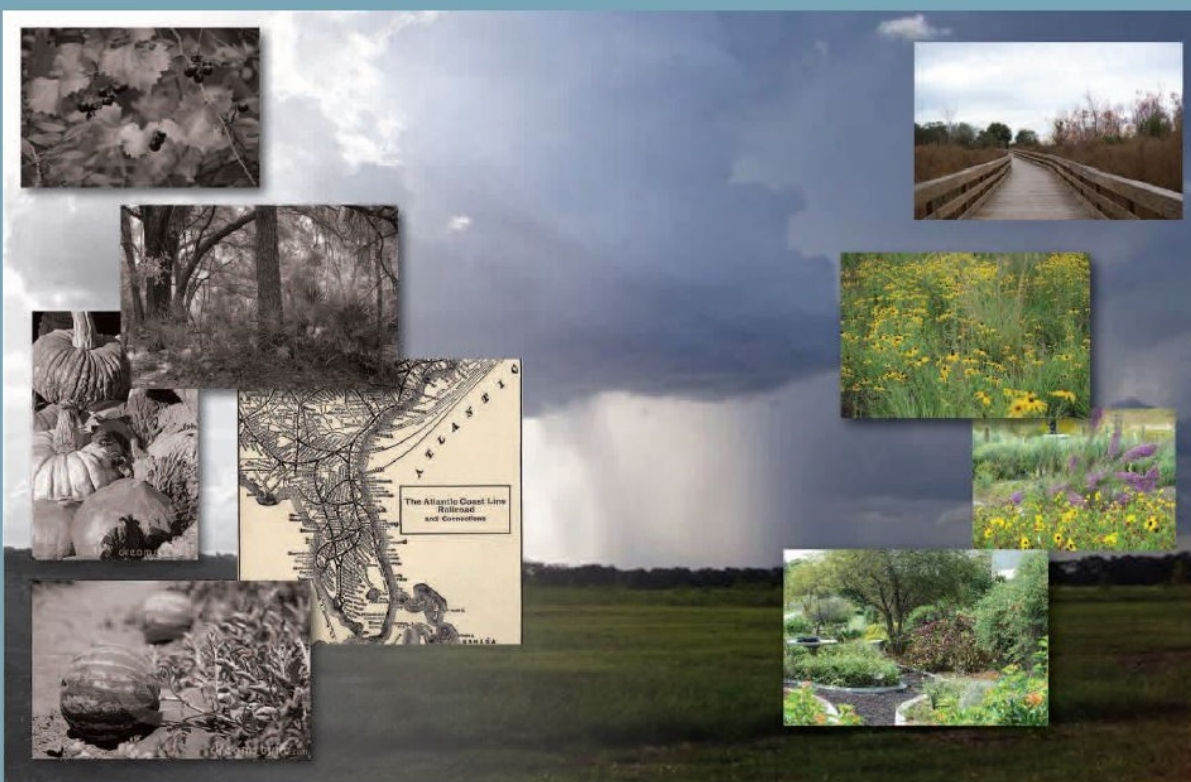
Due to the difficulties associated with transporting oranges to the coasts, most early orange groves were located along navigable waterways. Harvested oranges were then transported by steamboat to northern cities. The development of Florida's railroads beginning in the 1860s revolutionized orange production. By the 1890s, the citrus industry had become an important part of Lake County's economy. When a series of devastating frosts, known as "The Big Freeze", occurred in the winter of 1894-1895, the citrus crop was devastated and many growers moved out of the area or switched to a new industry.

By 1950, the citrus industry, including oranges, grapefruits, and tangerines, used 68,452 acres, or 67.5 percent of the 101,337 acres of Lake County developed as farmland. The value of citrus products was over \$23 million, with orange production valued at nearly \$16 million. Other crops that were important to the county were vegetables and non-citrus fruits, including watermelons, celery, peppers, cucumbers, tomatoes, and cantaloupe. These crops accounted for \$4.4 million in value, with watermelons alone valued at \$1.86 million. Together, fruits and vegetables accounted for 97.5 percent of the \$28,994,935 worth of farm products produced in Lake County that year.



LAKE COUNTY
FLORIDA
DEPARTMENT OF PUBLIC RECREATION
Parks & Trails Division
www.lakecountyfl.gov/parks
352-253-4060

Appendix O. Examples of Educational Kiosks (Cont'd)



Pear Park

The majority of the lands that comprise Palatka Environmental and Agricultural Reserve (PEAR) Park once belonged to the University of Florida's Institute of Food and Agricultural Sciences (IFAS). The Leesburg research center was established in 1929 to conduct research on the fruit and vegetable crops that were a major staple of Florida's agriculture, which it conducted until 2000. In 1968, administrative consolidation created the Central Florida Research and Education Center (CFREC), which included facilities in Leesburg, Sanford, and Apopka. Currently called the Mid-Florida Research and Education Center, the program now occupies a new facility near Apopka and has leased the land to Lake County for the establishment of PEAR Park. During its 71 years of operation, the center conducted numerous studies on plant breeding and pathology, including the development of the seedless watermelon and various varieties of grapes and pumpkins.

The agricultural research conducted at the University of Florida's facilities during the twentieth century helped advance the citrus and truck farming industries in Florida. Although orange growing was the primary agricultural pursuit in the Lake County area since the early nineteenth century, its growth was hindered by a lack of effective transportation. The industry suffered significant setbacks in the 1890s when a series of devastating freezes decimated the county's citrus groves. With the advent of railroads, trucks, and refrigeration, citrus growers could more effectively transport their crops to distant markets. This spurred growth in the industry and Lake County's agricultural production grew during the early twentieth century. By 1940, Lake County ranked fourth among all Florida counties in the value of its agricultural products, with fruits making up over 80 percent of that value.

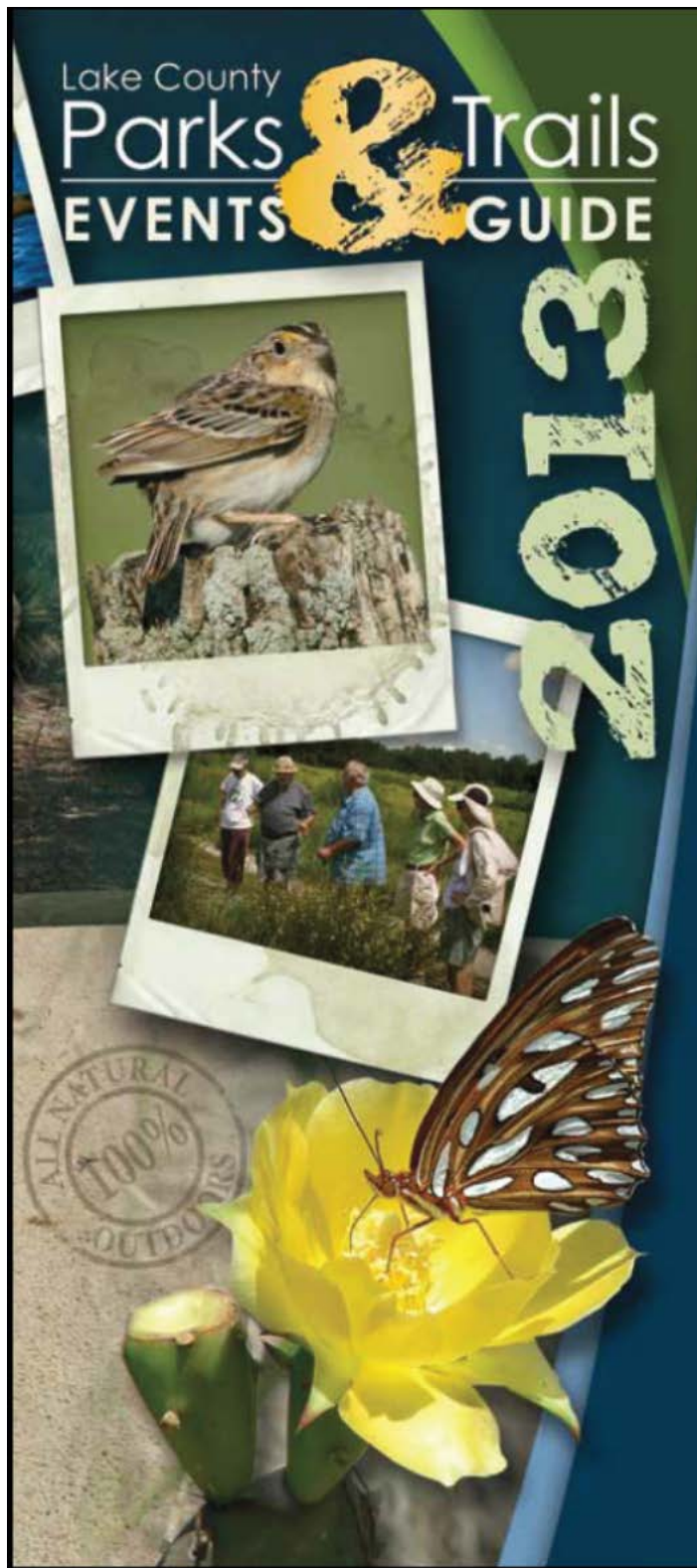
Despite the success of the citrus industry in the county, farmers also grew other crops—primarily other fruits and vegetables. The same new transportation technologies that benefitted the citrus industry also applied to these crops and Florida began growing produce to be shipped to northern cities, allowing residents of colder regions to enjoy fresh fruits and vegetables year round. By 1950, advances in agriculture had allowed Lake County's production to grow to nearly \$29,000,000, with fruit and vegetable crops comprising over 97 percent of this value.

Following the transfer of PEAR Park property from the University of Florida Research Station to Lake County, most of the existing plants were removed from the site. One grape arbor associated with earlier research was left in the park along with a vineyard containing a variety known as the Alachua muscadine grape. It was one of the last varieties of larger grape that was developed on the property for commercial use. Today, the Orvel J. Walter Heritage Grape Arbor contains the last remnants of the University of Florida's agricultural research efforts at PEAR Park.



LAKE COUNTY
FLORIDA
DEPARTMENT OF PUBLIC RESOURCES
Parks & Trails Division
www.lakecountyfl.gov/parks
352-253-4850

Appendix P. Examples of Educational Programs and Events



Appendix P. Examples of Educational Programs and Events (Cont'd)

Introduction

LAKE COUNTY PARKS AND TRAILS

An abundance of passive and active recreation opportunities

The Lake County Public Resources Department, Parks & Trails Division, manages more than three dozen parks, preserves and boat ramps. With roughly 950 acres of county park land, over 2,000 acres of protected public lands and 14.5 miles of multi-use paved recreational trails, Lake County is blessed with a variety of options for both passive and active recreation.

Some of the most popular recreation spots in the county include North Lake Community Park in Umatilla, Lake Idamere Park in Tavares, PEAR Park in Leesburg, Lake May Reserve in Eustis, as well as the South Lake Trail and Ferndale Preserve located in the southern region of the county.

The Division's park rangers lead regularly scheduled nature hikes and bird and butterfly surveys in a select few of these parks. Participants will enjoy seeing the diverse ecosystems and unique assortment of wildlife located at

www.lakecountyfl.gov/parks • 1

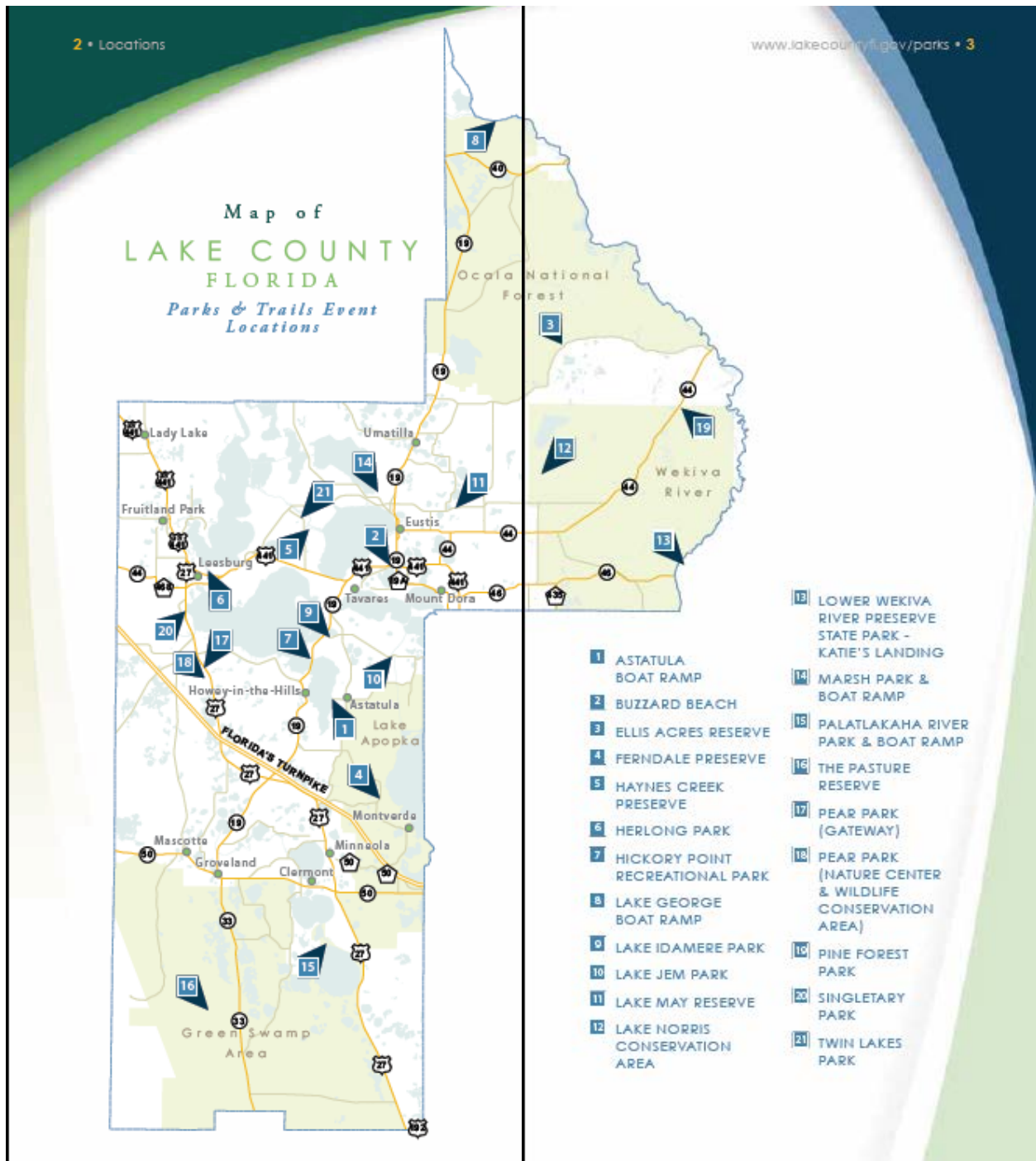
the parks. During the bird and butterfly surveys, novice and expert bird watchers are invited to assist park rangers with tracking the bird and butterfly populations at the parks.

In addition to land-based events offered by the Lake County Parks & Trails Division, the park rangers also team up with the Lake County Water Authority for several guided paddling tours throughout the year. During these tours, canoeists and kayakers can trek through some of Lake County's many freshwater lakes and rivers, including some that are not normally open to the public.

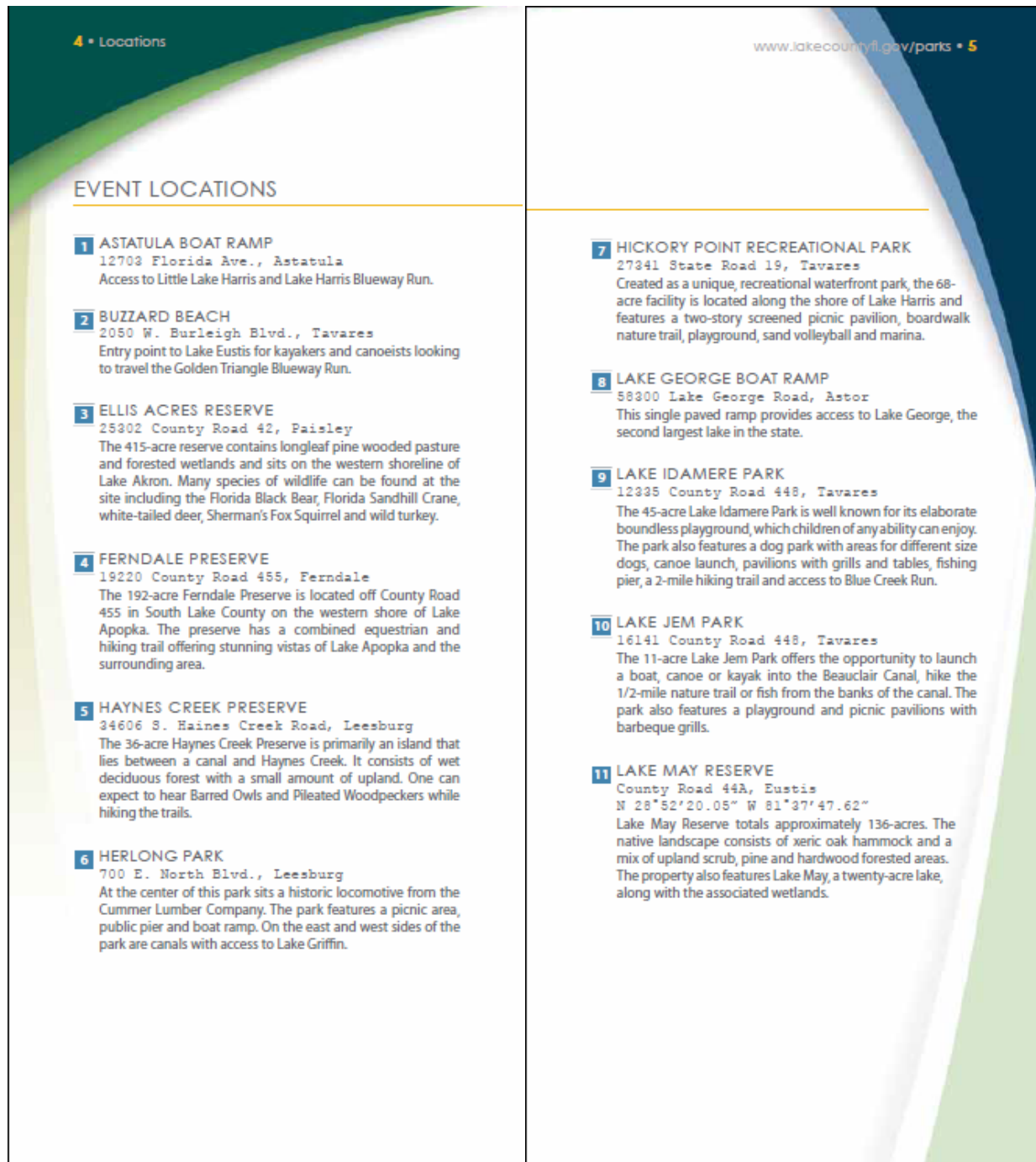
For more information about the many Lake County parks, trails and boat ramps, call the Parks & Trails Division at 352-253-4950, visit www.lakecountyfl.gov/parks, or email parksandtrails@lakecountyfl.gov.



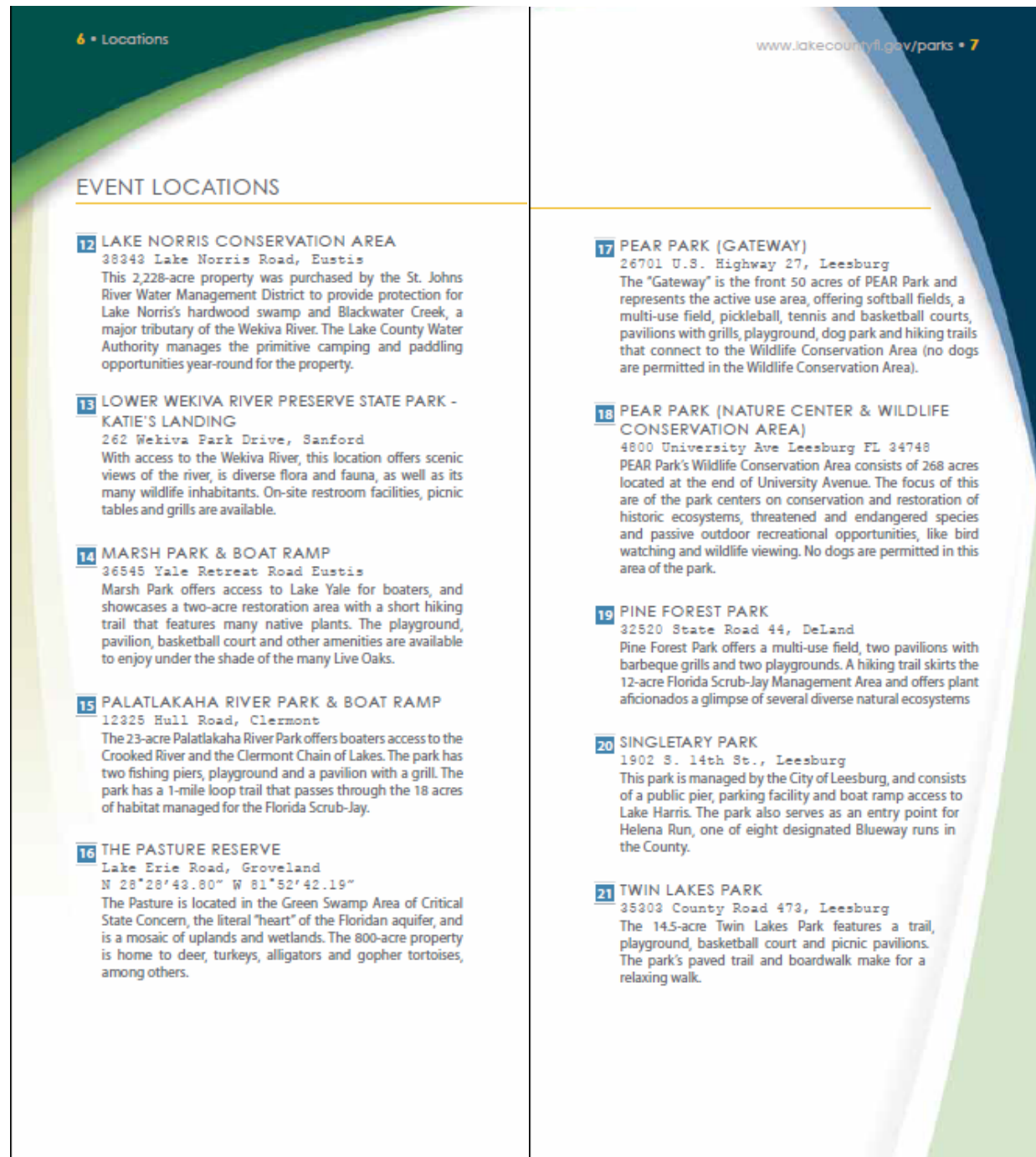
Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)

8 • Information

WHAT TO BRING

Park rangers encourage participants of the regularly scheduled nature hikes and bird and butterfly surveys to wear appropriate clothing and footwear. Hikers should also bring binoculars, field guides, cameras, sunscreen, insect repellent, water and snacks. In partnership with the Lake County Water Authority, participants for the guided paddling adventures can be provided canoes or kayaks, life vests and paddles.

PADDLING ADVENTURES

The Lake County Water Authority coordinates most paddling adventures. For more information on these guided tours, contact the Lake County Water Authority at 352-343-3777. All participants will be asked to sign a liability waiver for the paddling trips. Reservations are needed for all paddle trips.

PADDLING DIFFICULTY RATING SYSTEM



These paddling adventures offer an easy pace and an average-to-sedentary level of fitness. Paddling may be on local creeks or shorelines. Time is usually two hours or less and distance is typically 1 mile or less, depending on currents.



An average level of fitness is recommended as these moderate paddles may be on a blueway with obstructions or currents. Time is usually three hours or less and distance is typically 2-4 miles.



These paddling adventures are generally more challenging, depending on an individual's experience and level of fitness. Paddling is more difficult due to length of blueway and paddling conditions. Time is more than three hours and distance is typically more than 4 miles.

www.lakecountyfl.gov/parks • 9

RESERVATIONS

Hikes, Surveys and Classes

Most hikes are limited to the first 20 individuals to place reservations. To make reservations for the guided hikes, birding classes and bird and butterfly surveys, call the Lake County Parks & Trails Division at 352-253-4950, email parksandtrails@lakecountyfl.gov or fill out our online reservation form at www.lakecountyfl.gov/parks/event_reservations.aspx.

Paddling Adventures

Reservations are required for all paddling adventures. For the safety of those participating in guided paddling adventures, most are limited to only 15 vessels. To make reservations for the paddling adventures, call the Lake County Water Authority at 352-343-3777, ext. 0, Monday-Friday from 8:30 a.m. to 5 p.m.

Like our page on Facebook  LakeCountyFLParks

HIKING DIFFICULTY RATING SYSTEM



These hikes offer an easy pace and an average-to-sedentary level of fitness. Hikes are usually on a paved trail or boardwalk. Distance is typically 1 mile or less.



An average level of fitness is recommended as these moderate hikes may be on a trail of uneven terrain. Distance is typically 2 miles or less.



These hikes are generally more challenging, depending on an individual's experience and level of fitness. Hikes are more difficult due to hills and distances of greater than 2 miles.

Appendix P. Examples of Educational Programs and Events (Cont'd)

10 • Beginning Birder Classes

www.lakecountyparks.org/parks • 11

Appendix P. Examples of Educational Programs and Events (Cont'd)

12 • Quarterly Surveys

QUARTERLY BIRD & BUTTERFLY SURVEYS

Experienced bird-watching volunteers are invited to help conduct bird surveys at restoration habitats at various county parks. Birders must be able to identify most common birds by sight or sound and have their own binoculars and field guides.

Friday, Jan. 11 PEAR Park - WCA	
Friday, Jan. 18 Ferndale Preserve	
Friday, Feb. 8 Ellis Acres Reserve	
Saturday, Feb. 16 Lake May Reserve	
Saturday, March 30 The Pasture Reserve	
Friday, April 12 PEAR Park - WCA	
Thursday, April 18 Ferndale Preserve	
Friday, May 3 Lake May Reserve	
Saturday, May 18 Ellis Acres Reserve	
Saturday, June 8 The Pasture Reserve	

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

www.lakecountyparks.org • 13

Volunteers participating in the butterfly survey should be able to identify most common species. The activity will include hiking about 2 miles on trails. All surveys are from 7 to 11 a.m.

Friday, July 19 PEAR Park - WCA	
Saturday, July 20 Ferndale Preserve	
Saturday, Aug. 10 Ellis Acres Reserve	
Saturday, Aug. 24 Lake May Reserve	
Friday, Sept. 27 The Pasture Reserve	
Friday, Oct. 18 PEAR Park - WCA	
Friday, Oct. 25 Ferndale Preserve	
Friday, Nov. 1 Lake May Reserve	
Friday, Nov. 8 Ellis Acres Reserve	
Friday, Dec. 6 The Pasture Reserve	

In addition to the surveys above, two North American Migration Counts will be held in September. For more information, see page 18.

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

Appendix P. Examples of Educational Programs and Events (Cont'd)

14 • Monthly Event Listings

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JANUARY

Saturday, Jan. 12
SPARROW IDENTIFICATION
Ferndale Preserve / 8-10 a.m.
 Learn how to identify the often elusive, but very intriguing sparrows.

Thursday, Jan. 17
EXPLORE YOUR RESERVE HIKE
The Pasture Reserve / 8-10 a.m.
 A casual hike with Park Rangers through a variety of habitats to view plants, mammals, birds and more.

Saturday, Jan. 19
PADDLING ADVENTURE
Herlong Park / 9 a.m.-1 p.m.
 Travel down the Lake Griffin Run, part of the county's blueway trail system, for a chance to see wading birds and amphibious wildlife that live on Lake Griffin.

Friday, Jan. 25
WOODLAND BIRD WALK
Lake May Reserve / 8-10 a.m.
 A guided hike with an expert birder to help participants find and learn about birds at this birding "hotspot".

Saturday, Jan. 26
WINTER WILDLIFE WALK
Ferndale Preserve / 8-10 a.m.
 An opportunity to explore the abundant wildlife and beautiful vistas at the preserve.

Saturday, Jan. 26
EVENING WINTER WILDLIFE WALK
Ellis Acres Reserve / 3-5 p.m.
 Enjoy a rare evening stroll through Ellis Acres Reserve to see the wildlife that is out and about as they prepare for their evening.

FEBRUARY

Friday, Feb. 1
WEKIVA RIVER PADDLING TRIP & WATERWAY CLEANUP
Lower Wekiva River Preserve State Park - Katie's Landing / 10 a.m.-2 p.m.
 Take a paddling trip on Florida's National Scenic River, the Wekiva River, to experience the abundant wildlife. While participants travel the waterway, they can help preserve the health of the river by picking up litter along the way.

Saturday, Feb. 2
WINTER WOODLAND WALK
FEAR Park - Gateway / 8-10 a.m.
 Join Park Rangers as they lead a hike along the wooded Palatka River in search of birds, mammals and more.

Saturday, Feb. 9
EXPLORE YOUR PARK HIKE
Twin Lakes Park / 8-10 a.m.
 Bring the family out for a guided hike along a paved trail and boardwalk, where Park Rangers will talk about different wildlife and plants that make this park unique.

Friday, Feb. 22
BIRD IS THE WORD
Ellis Acres Reserve / 8-10 a.m.
 Get out the binoculars and come prepared to enjoy a hike with an expert birder who will identify the various birds that inhabit the reserve.

MARCH

Friday, March 1
WALK IN THE FOOTSTEPS OF FLORIDA'S PIONEERS
FEAR Park - Nature Center / 9-11 a.m.
 Learn about Lake County's rich cultural heritage and explore sites that were once home to pioneers of Florida's frontier and agricultural industry.

Saturday, March 9
EXPLORE YOUR RESERVE HIKE
Ellis Acres Reserve / 8-10 a.m.
 Discover the ecosystems, management and wildlife on this beautiful reserve.

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Appendix P. Examples of Educational Programs and Events (Cont'd)

16 • Monthly Event Listings

MARCH (cont.)

Saturday, March 16 
PADDLING ADVENTURE
 Bussard Beach / 9-1 p.m.
 Launch a canoe or kayak into Lake Eustis for a guided trip along portions of the Golden Triangle Run, part of the county's blueway trail system.

Saturday, March 23 
EXPLORE YOUR PARK HIKE
 Lake Idamere Park / 8-10 a.m.
 Take the whole family on a low-key guided tour of the park's natural areas to learn about the plants and wildlife. Afterwards, make plans to stay and enjoy the boundless playground and picnic pavilions.

APRIL

Saturday, April 6 
EXPLORE YOUR RESERVE HIKE
 The Pasture Reserve / 8-10 a.m.
 A chance to hike through the Green Swamp area of Critical State Concern, the literal "heart" of the Floridian aquifer, and is a mosaic of uplands and wetlands.

Saturday, April 13 
WOODLAND WANDER
 Lake May Reserve / 8-10 a.m.
 Wander through the reserve with a Park Ranger as a guide to learn about the plants and wildlife at this 136-acre property.

Saturday, April 13
PEAR ASSOCIATION'S NATIVE PLANT SALE
 PEAR Park - WCA / 8 a.m.-2 p.m.
 The Annual Native Plant Sale offers a chance to purchase items from a large variety of native plants for all landscape and soil types. Proceeds benefit the PEAR Association; a volunteer group that assists with conservation efforts at PEAR Park.

Friday, April 19 
LAKE NORRIS HIKE, PADDLE & PICK
 Lake Norris Conservation Area / 9 a.m. - 1 p.m.
 Naturalists will lead a mile-long hike on this property, pointing out plants and animals. Participants will then enjoy a guided paddling trip on Lake Norris, where along the way they will have an opportunity to clean up litter to help keep this waterway healthy.

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

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APRIL (cont.)

Friday, April 26 
MIGRATION QUEST
 Ferndale Preserve / 8-10:30 a.m.
 Join an expert birder as participants search for colorful migrants like Scarlet Tanager, Indigo Bunting and Blackburnian Warbler.

Saturday, April 27 
WOODLAND WARBLER WALK
 PEAR Park - WCA / 8-10 a.m.
 Come see splashes of bright blue, orange, yellow and reds as the colorful warblers visit the area for their migration.

MAY

Saturday, May 4 
EXPLORE YOUR RESERVE HIKE
 Ellis Acres Reserve / 8-10 a.m.
 Explore this tranquil reserve with a Park Ranger to identify the many plant and wildlife inhabitants.

Saturday, May 11 
PADDLING ADVENTURE
 Singletary Park / 9 a.m.-1 p.m.
 Launch a canoe or kayak into Lake Harris for a guided trip along Helena Run, part of the county's blueway trail system. During the excursion, participants will see wading birds and amphibious wildlife.

Wednesday, May 15 
SPRING WILDFLOWERS
 PEAR Park - WCA / 9-11 a.m.
 Spring brings with it lots of colorful wildflowers, and this hike will take participants on a tour to see what's in bloom.

JUNE

Saturday, June 15 
SCRUB-JAY HIKE
 Pine Forest Park / 8-10 a.m.
 Go on the hunt with Park Rangers for a chance to see Florida's only endemic bird species, the Florida Scrub-Jay, as well as beautiful butterflies at this ecologically diverse park.

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

Appendix P. Examples of Educational Programs and Events (Cont'd)

18 • Monthly Event Listings

JULY

Saturday, July 13
BIRD & BUTTERFLY WALK
 Ellis Acres Reserve / 8-10:30 a.m.
 Take a casual hike through this beautiful reserve with Park Rangers to learn about the area's birds and butterflies.

AUGUST

Saturday, Aug. 17
EXPLORE YOUR PARK HIKE
 Haynes Creek Preserve / 8-10 a.m.
 Located primarily on Blount's Island, this park offers opportunities to see everything from Bald Eagles to river otter.

SEPTEMBER

Friday, Sept. 6
SUNSET PADDLING ADVENTURE
 Hickory Point Recreational Park / 6-8 p.m.
 This paddling adventure gives an opportunity for beginners to enjoy a leisurely paddle on Little Lake Harris at sunset. Before the trip, feel free to bring a picnic dinner to enjoy at the beautiful waterfront picnic spot.

Saturday, Sept. 14
EXPLORE YOUR PARK HIKE
 Marsh Park & Boat Ramp / 8-10 a.m.
 Located on the shores of Lake Yale, this 40-acre park holds lots of hidden wildlife to explore.

Saturday, Sept. 21
NORTH AMERICAN MIGRATION COUNT
 FEAR Park - WCA / 7-10 a.m.
 Bird-watching enthusiasts are encouraged to help Park Rangers conduct an annual fall migration count of the birding population in FEAR Park. The findings will be presented to scientists as a "snap shot" of fall migration across all of North America.

Saturday, Sept. 21
NORTH AMERICAN MIGRATION COUNT
 Ferndale Preserve / 5-8 p.m.
 Bird watching enthusiasts are encouraged to help Park Rangers conduct an annual fall migration count of the birding population at Ferndale Preserve. The findings will be presented to scientists as a "snap shot" of fall migration across all of North America.

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

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SEPTEMBER (cont.)

Wednesday, Sept. 25
FLORIDA FALL WILDFLOWERS WALK
 FEAR Park - WCA / 9-11 a.m.
 Hike through a meadow of blooming wildflowers, or past one of the beautiful native plant gardens to learn about the native wildflower population.

OCTOBER

Wednesday, Oct. 9
MIGRATION QUEST
 Lake May Reserve / 8-10 a.m.
 Join an expert birder on a guided hike in search of southbound migratory birds.

Wednesday, Oct. 9
EVENING WINGS & WILDLIFE WALK
 Twin Lakes Park / 5:30-7:30 p.m.
 A perfect evening hike along a paved trail and boardwalk around this diverse park in search of birds, bats and butterflies.

Friday, Oct. 11
PADDLING ADVENTURE & LAKE CLEANUP
 Astatula Boat Ramp / 9 a.m.-1 p.m.
 Join naturalists on a paddling trip in Little Lake Harris, launching from one of the County's newly renovated boat ramps. While participants travel the waterway, they can help preserve the health of the lake by picking up litter along the way.

Saturday, Oct. 12
EXPLORE YOUR PARK HIKE
 Palatka River Park & Boat Ramp / 8-10 a.m.
 From Cypress to Scrub, this park has many different ecosystems that feature a variety of plants and animals. Park Rangers will highlight the wildlife throughout the park during this hike.

Wednesday, Oct. 16
WINGED MIGRATION
 The Pasture Reserve / 8-10 a.m.
 A chance to view the fall migration through the Green Swamp area of Critical State Concern, the literal "heart" of the Floridian aquifer, and is a mosaic of uplands and wetlands.

All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

Appendix P. Examples of Educational Programs and Events (Cont'd)

20 • Monthly Event Listings

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OCTOBER (cont.)

Friday, Oct. 18
NOCTURNAL MIGRATION
 Ferndale Preserve / 6-8 p.m.
 Many songbirds migrate at night, and this hike will allow participants to listen for "flight calls" during this unique nighttime trek.

Saturday, Oct. 19
WOOD WARBLER WALK
 Ferndale Preserve / 8-10 a.m.
 Come search for small, energetic and colorful migrant warblers in the bushes and trees of the preserve.

Saturday, Oct. 19
EVENING WINGS & WILDLIFE WALK
 Lake May Reserve / 4:30-6:30 p.m.
 Hike the trails at this picturesque reserve, as park rangers lead participants in search of birds, butterflies and other wildlife as the sun goes down.

Wednesday, Oct. 23
WILDLIFE HIKE
 Ellis Acres Reserve / 8-10 a.m.
 From Bald Eagles to Zebra Longwing Butterflies, and everything in between, this guided hike will showcase all of the wonderful wildlife found at this rural reserve.

NOVEMBER

Saturday, Nov. 9
PADDLING ADVENTURE
 Lake George Boat Ramp / 9 a.m.-1 p.m.
 This paddling adventure will take participants along the Blue Creek Run in search of manatees, Bald Eagles and other wildlife that live in Lake George.

Saturday, Nov. 16
WALK IN THE FOOTSTEPS OF THE FIRST FLORIDIANS
 Ferndale Preserve / 9-11 a.m.
 Prepare to celebrate Thanksgiving Day traditions by learning about the life of Florida's Native Americans and early settlers.

DECEMBER

Saturday, Dec. 7
WINTER WINGS AND WILDLIFE WALK
 PEAR Park - Gateway / 8-10 a.m.
 With the winter seasonal changes, hikers will see many new species of birds and other wildlife that are visiting this beautiful park.

Saturday, Dec. 14
EXPLORE YOUR PARK HIKE
 Lake Jem Park / 8-10 a.m.
 This informational hike through the amazingly diverse park located along the Apopka-Beaclair Canal will highlight the plant, animal and bird life at the park.

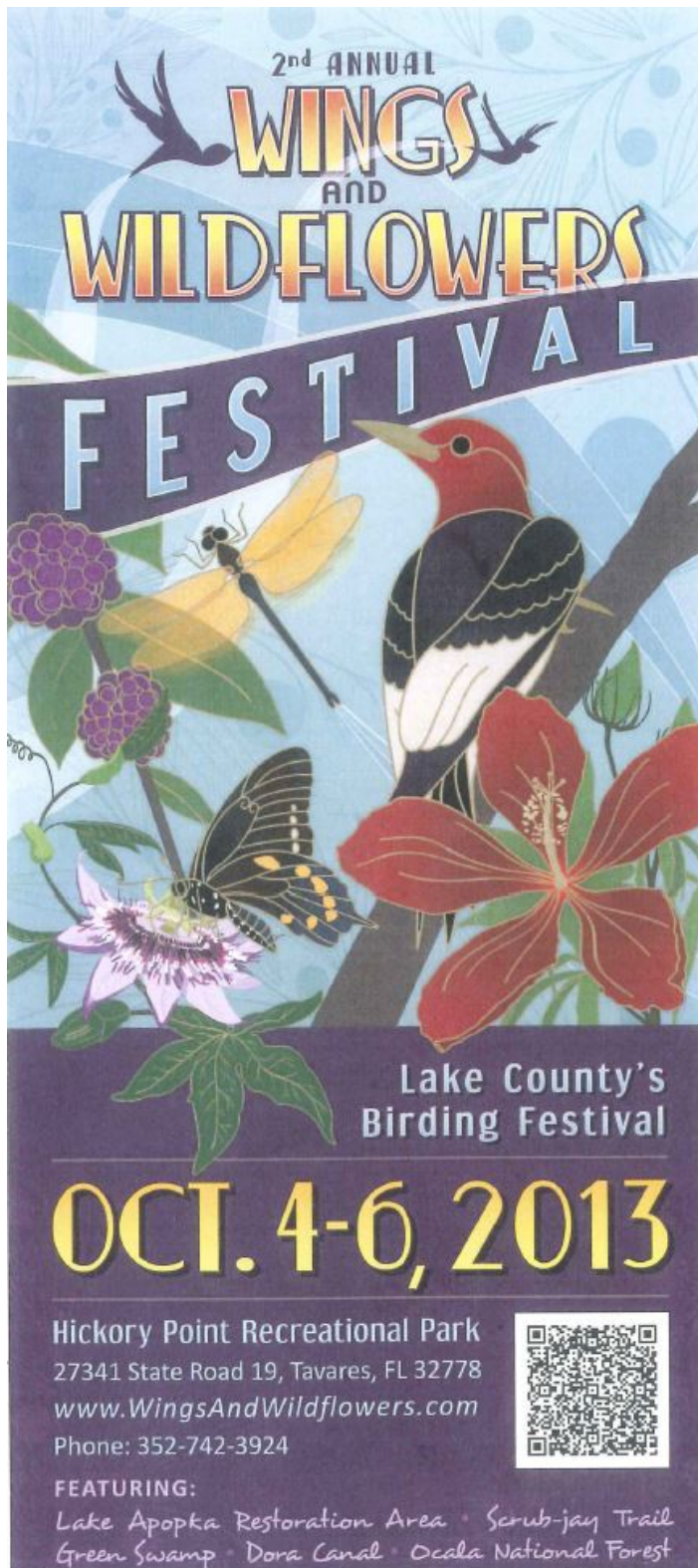
All events are subject to change due to staffing limitations or weather. For up-to-date information and reservations, call the Lake County Parks & Trails Division at (352) 253-4950.

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Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)

Mark Your Calendar for Lake County's

2nd ANNUAL
WINGS AND WILDFLOWERS
FESTIVAL

Hosted by Lake County
Economic Development & Tourism Department

Celebrate the diversity and wonder of Lake County's birds, wildflowers and natural areas.

Unique birding and wildflower programs at Hickory Point Park will feature acclaimed speakers, authors, birding and native plant experts, and a host of eco-friendly opportunities for nature lovers and outdoor enthusiasts. Specialty field trips will be offered off-site at both private and public venues by pontoon boat, kayak and Conestoga wagon. Renowned field experts will lead wildlife and nature walks and tours. Early registration is advised. From novice to expert, this festival will offer something for everyone.

Featuring:

 Jeffrey Gordon
*President of the American
Birding Association*

&

 James Currie
*Host of NBC Sports'
Nikon Birding Adventures*

Host Hotels:


Lakeside Inn
Mount Dora, Florida
Since 1885

The historic Lakeside Inn, Florida's oldest continuously operated hotel, located in the lakefront community of Mount Dora.

For reservations, visit
www.lakeside-inn.com;
use booking code "bird"
or call 800-556-5016.

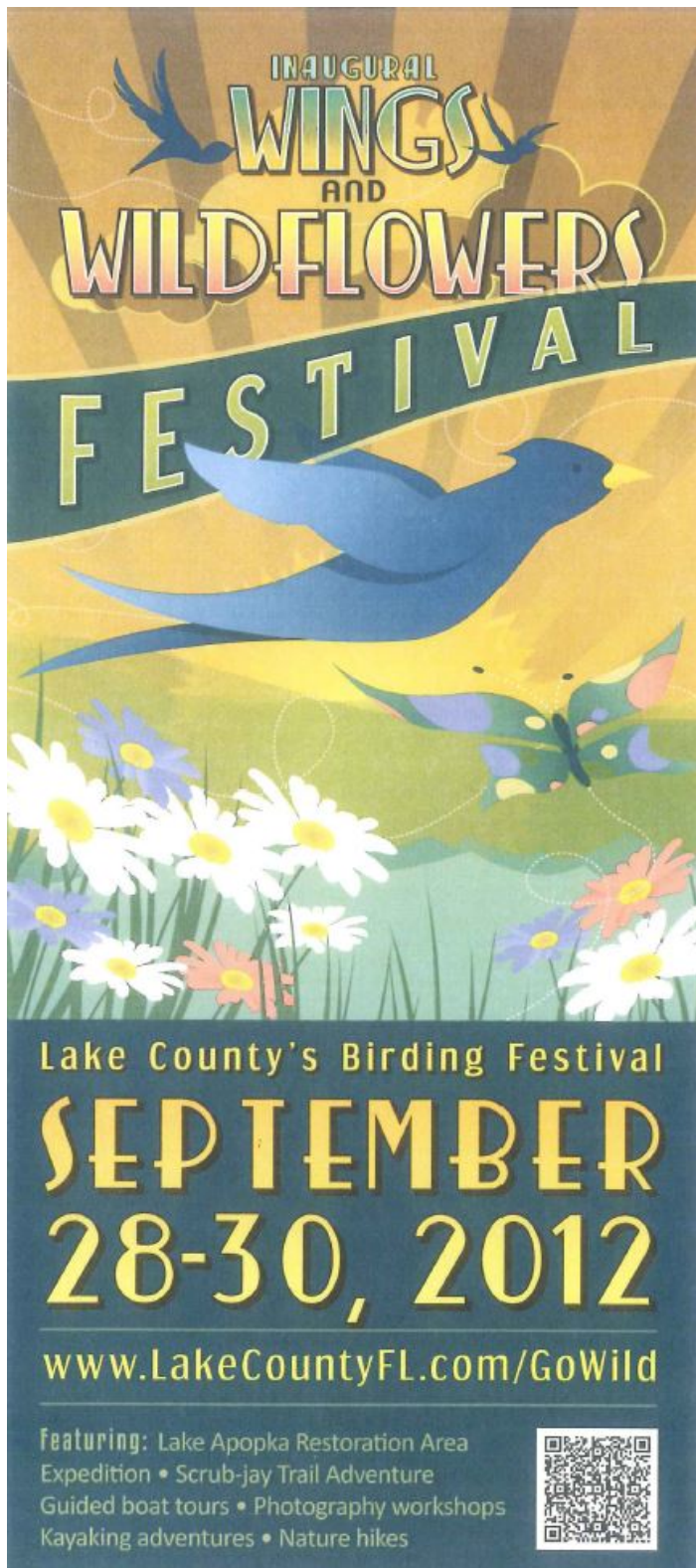

Mission inn
RESORT & CLUB

The luxurious Mission Inn Resort & Club features golf, dining and spa amenities, located in Howey-in-the-Hills.

For reservations, visit
www.missioninnresort.com;
use booking code "bird"
or call 800-874-9053.

Additional accommodations available at www.lakecountyfl.com.

Appendix P. Examples of Educational Programs and Events (Cont'd)



Appendix P. Examples of Educational Programs and Events (Cont'd)

Mark Your Calendar for Lake County's
INAUGURAL
WINGS AND WILDFLOWERS
FESTIVAL

Celebrate the diversity and wonder of Lake County's birds, wildflowers and natural areas.

Unique birding and wildflower programs at Hickory Point Park will feature acclaimed speakers, authors, birding and native plant experts, and a host of eco-friendly opportunities for nature lovers and outdoor enthusiasts. Specialty field trips will be available off-site by kayak, pontoon boat, trail hikes and even horse-drawn carriage. From novice to expert, this festival will offer something for everyone!

Featuring:

James Currie
 Host of NBC Sports' Nikon Birding Adventures.

 **Host Hotel:** The historic Lakeside Inn, Florida's oldest continuously operated hotel, located in the lakefront community of Mount Dora.

SPECIAL RATES STARTING AT JUST \$99 PER NIGHT.

For reservations, visit www.lakeside-inn.com; use booking code "bird" or call (800) 556-5016.

Additional accommodations available at www.lakecountyfl.com.

Presented in close partnership with
















Appendix Q. Arthropod Management Plan



CHARLES H. BRONSON
COMMISSIONER

Florida Department of Agriculture and Consumer Services Division of Agricultural Environmental Services

ARTHROPOD MANAGEMENT PLAN – PUBLIC LANDS

Chapter 388.4111, F.S. and 5E-13.042(4)(b), F.A.C.
Telephone: (850) 922-7011

For use in documenting an Arthropod Control Plan for lands designated by the State of Florida or any political subdivision thereof as being environmentally sensitive and biologically highly productive therein.

Name of designated land: Palatka Environmental and Agricultural Reserve (PEAR) Park

Location: 5336 University Av, Leesburg

Land management agency: Lake County Parks and Trails

Is control work necessary? ☐ Yes ☒ No

Are arthropod surveillance activities necessary? ☐ Yes ☐ No

If "Yes", please explain:

Which surveillance techniques are proposed?
(Check all that apply)

- | | | |
|--|--------------------------------------|--|
| ☐ Landing Rate Counts | ☐ Light Traps | ☐ Sentinel Chickens |
| ☐ Citizen Complaints | ☐ Larval Dips | ☐ Other |

If "Other", please explain:

Arthropod species for which control is proposed:

Proposed larval control:

Proposed larval monitoring procedure:

Are post treatment counts being obtained? ☐ Yes ☐ No

Biological control of larvae:

Might predacious fish be stocked? ☐ Yes ☐ No

Other biological controls that might be used:

Material to be used for larviciding applications:
(Check all that apply:)

- ☐ Bti
- ☐ Bs
- ☐ Methoprene

Appendix Q. Arthropod Management Plan (Cont'd)

☐ Non-Petroleum Surface Film

☐ Other, please specify:

Please specify the following for each larvicide:

Chemical or common name:

☐ Ground

☐ Aerial

Rate of application:

Method of application:

Proposed adult mosquito control:

Aerial adulticiding ☐ Yes ☐ No

Ground adulticiding ☐ Yes ☐ No

Please specify the following for each adulticide:

Chemical or common name:

Rate of application:

Method of application:

Proposed modifications for public health emergency control: The arthropod management agency may request special exception to this plan during a threat to public or animal health as declared by the State Health Officer or Commissioner of Agriculture.

Proposed notification procedure for control activities:

Records:

Are records being kept in accordance with Chapter 388, F.S.? ☐ Yes ☐ No

Records location:

How long are records maintained?

Vegetation modification:

What trimming or altering of vegetation to conduct surveillance or treatment is proposed?

Proposed land modifications:

Type of land modifications (i.e. rotary ditching):

Operational schedules for water fluctuations:

List any periodic restrictions, as applicable (i.e. peak fish spawning times):

Proposed modification of aquatic vegetation:

Appendix N. Arthropod Management Plan (Cont'd)

Land manager comments:

Arthropod control agency comments:

<u>Wanda S. Poon</u>	<u>9/30/09</u>
Signature of Lands Manager or Representative	Date
<u>[Signature]</u>	<u>10/2/09</u>
Signature of Mosquito Control Director / Manager	Date

