

Millstone Plantation

Less-Than-Fee

Leon

<i>Year Added to Priority List</i>	2001
<i>Project Acres</i>	176
<i>Acquired Acres</i>	92
<i>Cost of Acquired Acres</i>	\$862,000
<i>Remaining Project Acres</i>	83
<i>2020 Assessed Value of Remaining Acres</i>	\$2,132,426

Purpose for State Acquisition

The Millstone Plantation project includes part of Lake McBride, which is reported to have low nutrient and pollutant levels and a nesting pair of bald eagles. According to TNC, the lakes of Leon County comprise one of the most important groups of solution lakes in the northern hemisphere. Most of these lakes hold sinkholes that breach the Floridan aquifer; therefore, it is important that they are afforded protection from runoff through the acquisition of this project.

General Description

The property consists of a mosaic of vegetated communities, a deeply incised seepage stream, open pasture, and a portion of Lake McBride. It falls within the Red Hills physiographic region, which consists of pine-dominated uplands and numerous karst sinkholes and lakes. It ranges in elevation from 140 to 225 feet above sea level and is a critical recharge area for the Floridan aquifer. The seepage stream and karst lake are breeding, nesting and foraging areas for numerous wildlife species. The lands of Millstone Plantation are rich in archaeological sites recorded in DHR's Master Site File.

FNAI Element Occurrence Summary

FNAI Elements	Score
Bald eagle	G5/S3
Florida black bear	G5T4/S4

Public Use

Public use of the project will be by invitation for environmental and cultural learning purposes on a limited basis. A limited walking trail exists throughout the project.

Acquisition Planning

2001

The project consists of approximately 134 acres and one ownership. In 2001, the project had an estimated tax assessed value of \$69,970. The public access would include access for public education for

school children, environmental researchers, organic agriculturists, artists and writers. The money from the conservation easement will go for management and outreach programs for the Millstone Institute.

2011

On December 9, 2011, the ARC placed this project in the Less-than-Fee category of projects.

Coordination

The Trust for Public Lands will be the intermediary for acquisition of the conservation easement.

On April 6, 2001, the ARC placed this project on the new Florida Forever list.

Management Policy Statement

As a less-than-fee acquisition, the Millstone Plantation would be managed for conservation purposes by the landowner as outlined in the conservation easement.

Manager(s)

If acquired as less-than-fee, management responsibility of Millstone Plantation would remain with the landowner. Periodic monitoring of the site's management to confirm continued compliance with the conditions of the conservation easement would be coordinated by OES.

Management Prospectus

OES will periodically monitor the conservation easement, while the management will be conducted by the property owner.

Qualifications for state designation

Due to the site's unique archaeological resources representing a continuous pattern of human settlement and the importance of the Millstone Plantation House and related structures, the site may qualify for designation as a State Historical Site.

Conditions affecting intensity of management

The greatest challenge facing the management of Millstone is the tremendous amount of archaeological resources on the property. Developing a plan for ongoing systematic survey, investigation, and interpretation of the site's archaeological resources will be essential. The proximity of highways and residential and commercial development to the site may pose fire and smoke management problems for restoration of Millstone's natural communities. Due to development pressure in the Lake McBride Basin, accelerating the timeline for aquatic research is important.

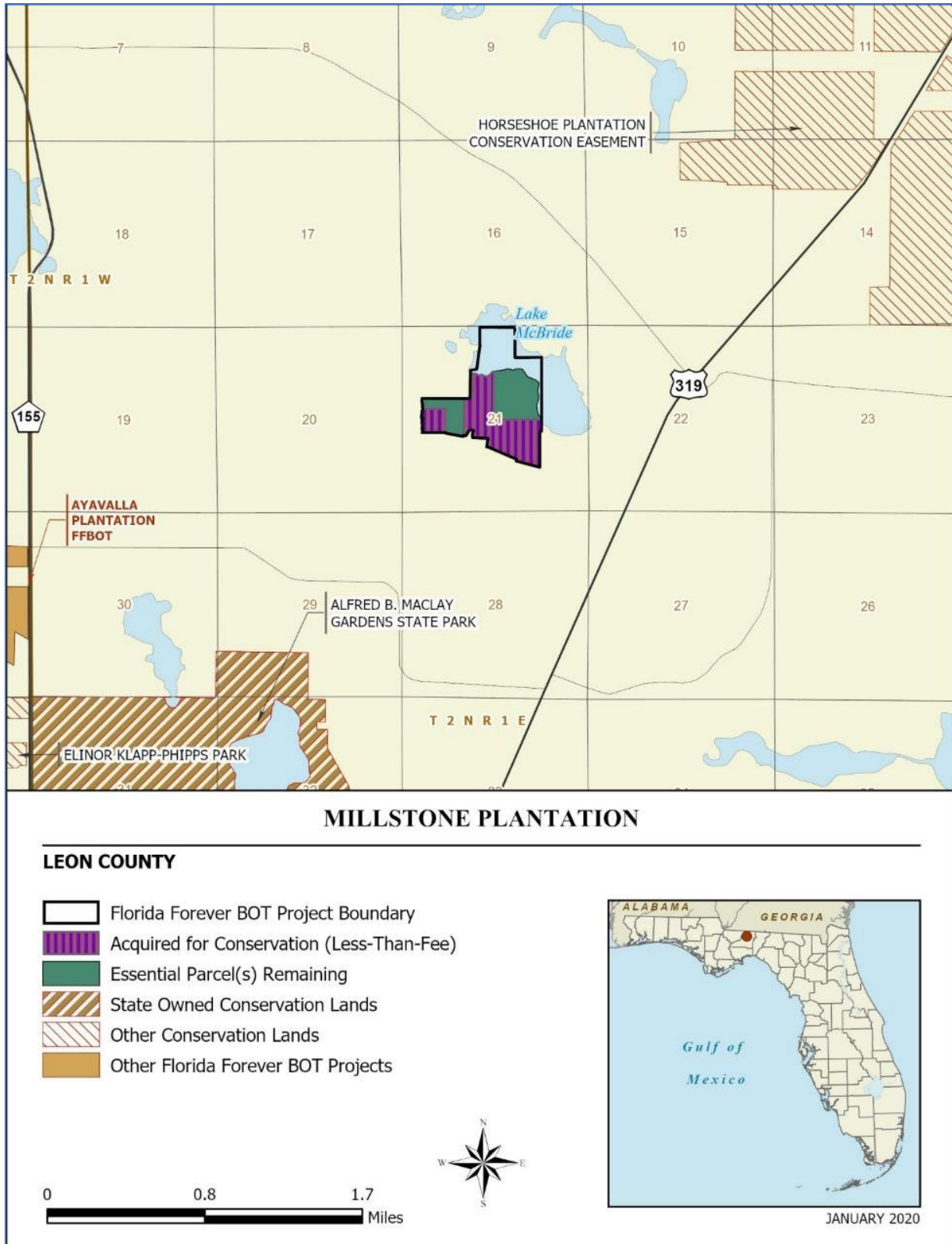
Management implementation, Public access, Site security and Protection of infrastructure

Archaeological surveys and investigation are ongoing; initial management activities should concentrate on identifying and researching these resources. In subsequent years, the Institute plans to implement a management plan for the property that will include longleaf pine and native groundcover restoration on the uplands, wildlife management, wetlands management, and enhancement and protection of the many century-old live oaks on the property. Restoration of natural communities will require eradication of exotic and pest plants (Chinese tallow, Japanese climbing fern, and tropical soda apple), as well as



prescribed burning and re-vegetation. The Institute has and will continue to sponsor scientific aquatic research into Lake McBride. Existing nature trails on the property will be improved and expanded to enhance public access. The Institute will also continue and expand its existing public education programs, including traditional, sustainable, organic agricultural practices and North Florida farm arts, such as spinning and weaving. Plans will also be made for historically accurate and appropriate preservation and restoration of the Millstone Plantation House and related structures.





Map 1: FNAI, January 2020