

Dade County Archipelago

Partnerships & Regional Incentives

Miami-Dade

<i>Year Added to Priority List</i>	1994
<i>Project Acres</i>	889
<i>Acquired Acres</i>	586
<i>Cost of Acquired Acres</i>	\$35,651,244
<i>Remaining Project Acres</i>	303
<i>2020 Assessed Value of Remaining Acres</i>	\$55,696,408

Purpose for State Acquisition

The Dade County Archipelago project will protect some of the last remaining subtropical pinelands and hardwood hammocks unique to the United States. These forests were once abundant on a limestone ridge east of the Everglades, where Miami and Homestead and surrounding farms now stand; now only tiny pieces of the forests remain, the best of which the Dade County Archipelago project will protect. In so doing, the project will conserve habitat for rare animals and dozens of rare plants, many found nowhere else in the world, and will provide areas where residents and visitors can learn about and appreciate this ecosystem.

General Description

This project contains some of the most outstanding examples of rockland hammock that remain in Florida, as well as the best remaining examples of the highly endangered pine rockland outside Everglades National Park. The pine rocklands are critical to the survival of at least 51 rare and endangered plant species found nowhere else, and several rare animal species occur within the project. Several of the hammocks contain significant archaeological sites. The urbanization of Dade County has nearly destroyed these ecosystems. The remaining sites are still threatened by agriculture and urban development.

FNAI Element Occurrence Summary

FNAI Elements	Score
<i>tiny polygala</i>	G1/S1
<i>Florida lantana</i>	G2T1/S1
<i>Small's milkpea</i>	G1Q/S1
<i>Carter's small-flowered flax</i>	G2T1/S1
<i>Cuban snake-bark</i>	G2G3T1/S1
<i>deltoid spurge</i>	G2T1/S1
<i>Florida brickell-bush</i>	G5T1/S1
<i>Florida filmy fern</i>	G4G5T1/S1
Miami cave crayfish	G1/S1
<i>pinelands spurge</i>	G2T1/S1
<i>Wright's anemia</i>	G2?/S1
Rim rock crowned snake	G1G2/S1S2

Public Use

The project tracts are designated for use as botanical sites with passive recreational use.

Acquisition Planning

1994

The Dade County Archipelago dates from 1994 when the former Tropical Hammocks of the Redlands and Miami Rockridge Pinelands, both in Miami-Dade County, were combined.

Tropical Hammocks of the Redlands

Phasing of the hammocks in order of priority: Silver Palm (two of three tracts purchased through TNC), Castello Extension, Loveland, Big and Little George, Meissner Ross, Southwest Island, Holiday, Lucille, Ross, Madden's. All sites are essential. Miami-Dade County has acquired acreage in Holiday and Lucille Hammocks.

Miami Rockridge Pinelands

Phasing of the pineland sites in order of priority: Site 12 (partially acquired), Site 2 (partially acquired), Site 6, Site 15 (majority acquired in 1992), Site 14, Site 13 (partially acquired), Site 8 (acquired in 1991), Site 1 (acquired in 1991), Site 16 (half acquired in 1992), Site 7 (majority acquired in 1992), FNAI addition to Site 10, Site 9. The Ludlam Pineland (10 acres) was added in 1994. Miami-Dade County has acquired the tract. All sites are essential.

1995

During 1995, Miami-Dade County proposed adding 16 sites to the project area. All of the sites were assessed during the 1995 cycle with LAMAC approving in December 1995. The sites added were Boystown (77 acres); Tamiami Addition; Wilkins- Pierson Addition; Whispering Pines; Castellow Complex #28; Castellow Complex #31; Castellow Complex #33; Goulds, Hardin, Owaissaa Bauer Addition; Fuchs; Navy Wells #2; Navy Wells #23; Navy Wells #39; Round Hammock; and Bauer Drive Pineland. Miami-Dade County acquired approximately 348 acres within the project at a cost of \$21,889,314.



2011

On December 9, 2011, the ARC placed this project in the Partnerships and Regional Incentives category of Florida Forever projects.

Coordination

Miami-Dade County is the acquisition partner. In May 1990, county voters approved a referendum, which increased ad valorem tax by .75 mills for two years, generating approximately \$90 million specifically for the acquisition and management of environmentally endangered lands. The county participated in all phases of project development and paid for initial mapping and title work on all the hammock sites. TNC has been an intermediary in the acquisition of some sites. Miami-Dade County continues with acquisition of the remaining tracts. Resolutions in support of this project included a pledge from the Miami-Dade County Commission to participate in providing 50 percent of acquisition funds and to manage the acquired sites.

Management Policy Statement

The primary objective of management of the Dade County Archipelago project is to preserve and restore the best of the small areas of pine rockland and rockland hammock left in Miami-Dade County.

Achieving this objective will protect over 50 rare plant species, several of which are found nowhere else in the world and allow the public to learn about and appreciate the original landscapes of the Miami Rock Ridge. The project should be managed under the single-use concept: management activities should be directed toward the preservation of resources. Consumptive uses such as hunting or logging should not be permitted. Managers should control public access to the sites; thoroughly inventory the natural and historical resources of the sites; work to eliminate invasive exotic plants; and monitor management activities to ensure that they are preserving the natural communities and their constituent species. Managers should limit the number and size of recreational facilities, such as interpretive trails, ensure that they do not harm the most sensitive resources, and site them in already disturbed areas when possible. This project includes most of the high-quality pine rockland and rockland hammock sites remaining in Miami-Dade County and therefore, with intensive management, has the configuration to achieve its primary objective.

Manager(s)

Miami-Dade County

Management Prospectus**Qualifications for state designation**

The Dade County Archipelago includes some of the best rockland hammocks and pine rocklands in Florida. Their rare West Indian and endemic plant species and their small size qualify these areas as state botanical sites.



Conditions affecting intensity of management

The Dade County Archipelago generally includes lands that are high-need tracts, requiring site-specific resource management and protection.

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

Within the first year after acquisition, initial activities concentrate on site security; removing existing trash; public and fire management access; and resource inventory, including areas of special concern such as archaeological sites, rare species, fern, vine, and exotic dominated areas. Long-range plans will generally be toward restoring disturbed areas and perpetuating and maintaining natural communities.

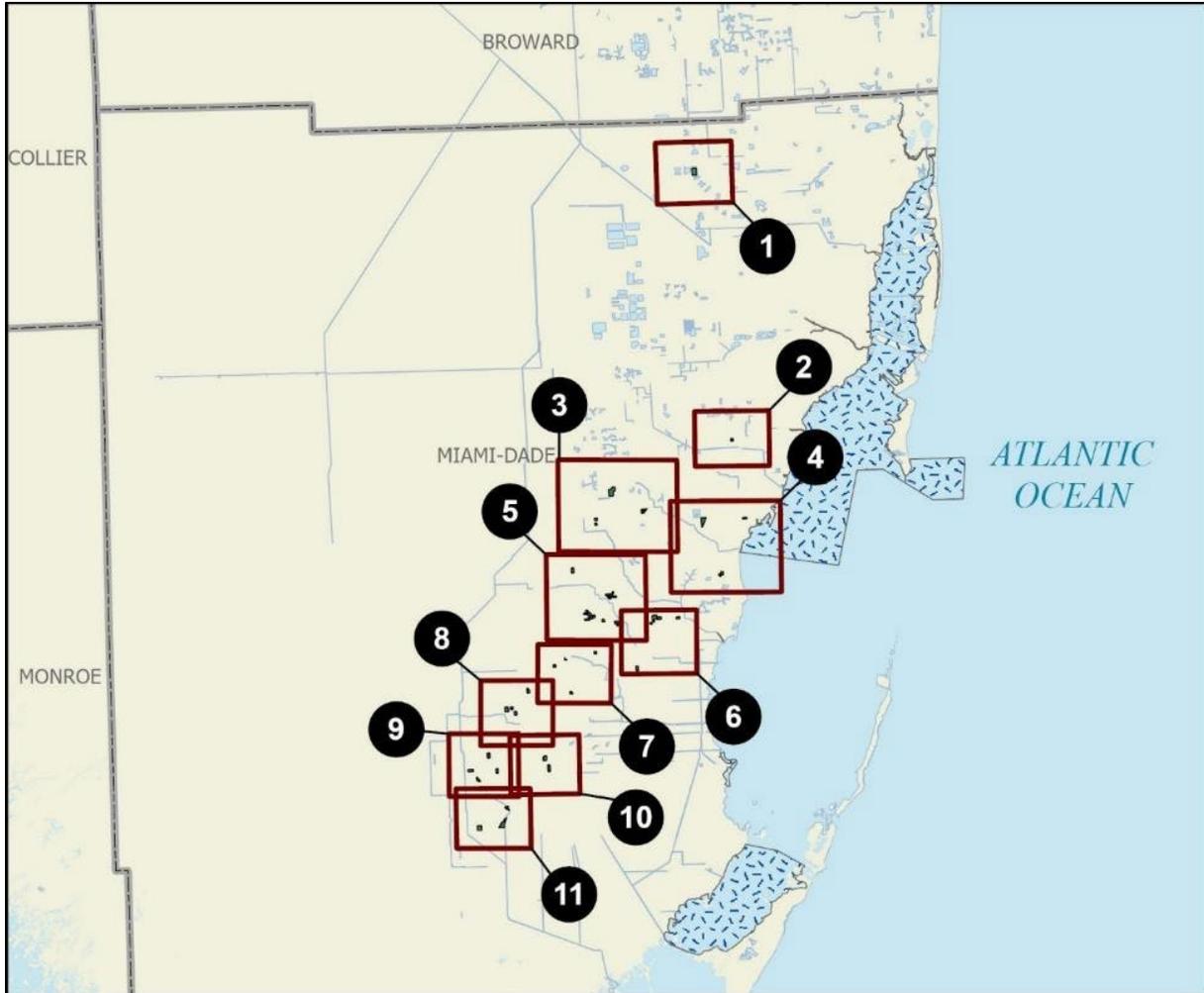
Management activities will also stress protecting threatened and endangered species. The resource inventory will be used to identify sensitive areas that need special attention, protection, or management. Unnecessary roads, firelines, and hydrological disturbances will be abandoned and/or restored to the greatest extent practical.

Management Cost Summary

<u>Dade County</u>	<u>1996/97</u>	<u>1997/98</u>
Source of Funds	County	County
Salary	\$120,362	\$190,986
OPS	\$57,119	\$0
Expense	\$0	\$58,424
OCO	\$31,320	\$140,084
FCO	\$8,357	\$66,812
TOTAL	\$217,158	\$456,306

Source: Management Prospectus as originally submitted

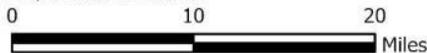




DADE COUNTY ARCHIPELAGO: OVERVIEW

MIAMI-DADE COUNTY

- Map 1 Maddens Hammock Site
- Map 2 Trinity Pineland Site
- Map 3 Big and Little George Hammocks Site
- Map 3 Boystown Pineland Site
- Map 3 Tamiami Pineland Complex Addition Site
- Map 4 Ludlam Pineland Site
- Map 4 Rockdale Pineland Site
- Map 4 Whispering Pines Site
- Map 5 Castellow Hammock #28 Site
- Map 5 Castellow Hammock #31 Site
- Map 5 Castellow Hammock #33 Site
- Map 5 Castellow Hammock Addition Site
- Map 5 Quail Roost Pineland Site
- Map 5 Ross Hammock Site
- Map 5 Silver Palm Hammock Site
- Map 5 Silver Palm Pineland Site
- Map 5 Wilkins Pierson Pineland Site
- Map 6 Goulds Pineland Addition Site
- Map 6 Goulds Pineland Site
- Map 6 Harden Hammock Site
- Map 6 Pine Island Lake Park Site
- Map 7 Bauer Drive Pineland Site
- Map 7 Camp Owaissa Bauer Pineland Addition Site
- Map 7 Ingram Pineland Site
- Map 7 Plummer Drive Pineland Site
- Map 8 Fuchs Hammock Addition Site
- Map 8 Fuchs Pineland Site
- Map 8 Meissner Hammock Site
- Map 8 Navy Wells Pineland #2 Site
- Map 8 West Biscayne Pineland Site
- Map 9 Loveland Hammock Site
- Map 9 Lucille Hammock Site
- Map 9 Navy Wells Pineland #39 Site
- Map 9 Palm Drive Pineland Site
- Map 10 Florida City Pineland Site
- Map 10 Navy Wells Pineland #23 Site
- Map 11 Holiday Hammock Site
- Map 11 Round Hammock Site
- Map 11 Southwest Hammock Site



JANUARY 2020

Map 1: FNAI, January 2020





DADE COUNTY ARCHIPELAGO: MAP 1

MIAMI-DADE COUNTY

-  Florida Forever BOT Project Boundary
-  Essential Parcel(s) Remaining



JANUARY 2020



Map 2: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 2

MIAMI-DADE COUNTY

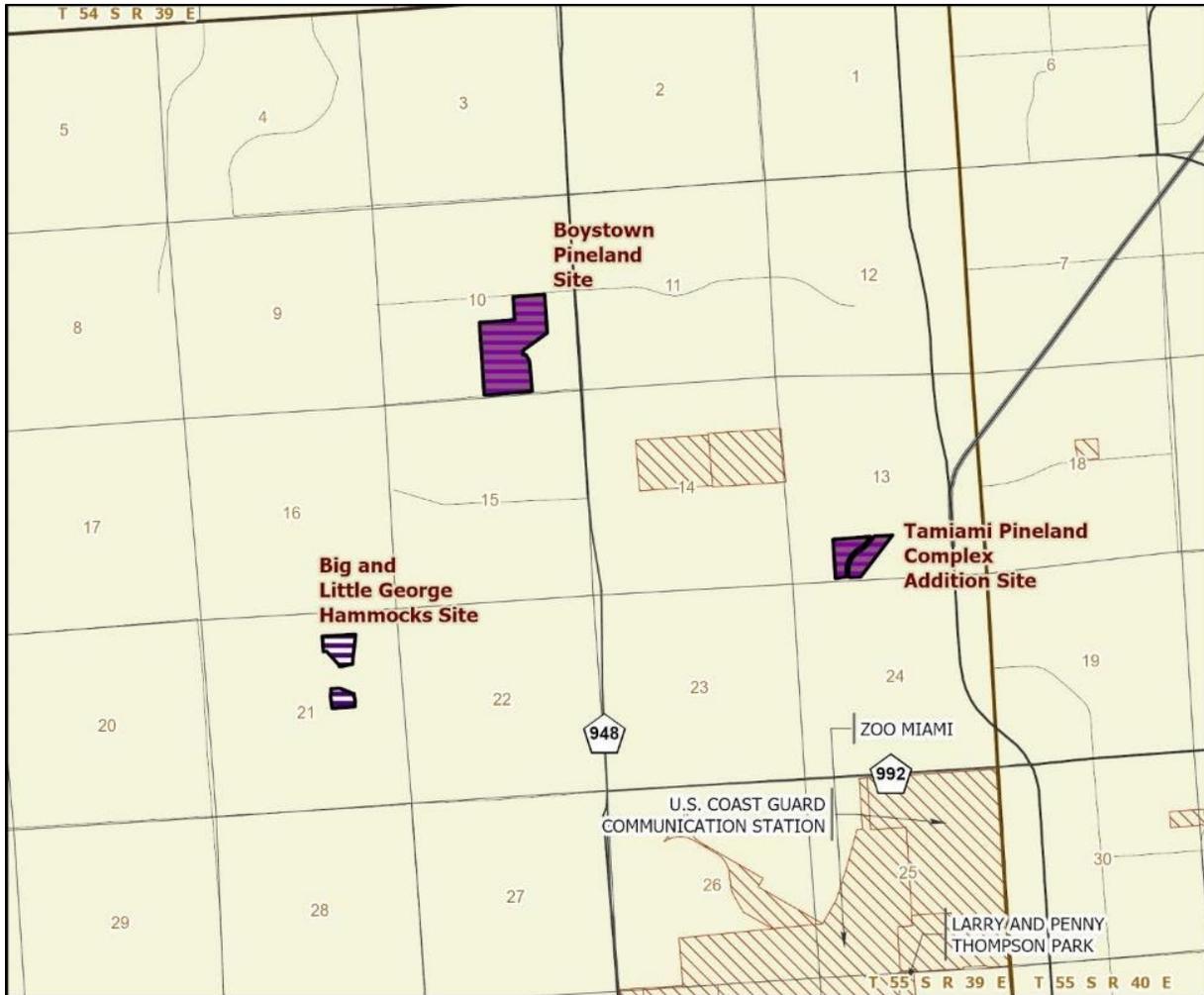
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  Other Florida Forever BOT Projects



JANUARY 2020



Map 3: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 3

MIAMI-DADE COUNTY

-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Miami-Dade County Owned Lands Within Project
-  State Owned Conservation Lands
-  Other Conservation Lands



JANUARY 2020



Map 4: FNAI, January 2020





DADE COUNTY ARCHIPELAGO: MAP 4

MIAMI-DADE COUNTY

-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Miami-Dade County Owned Lands Within Project
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  State Aquatic Preserve



JANUARY 2020

Map 5: FNAI, January 2020





DADE COUNTY ARCHIPELAGO: MAP 5

MIAMI-DADE COUNTY

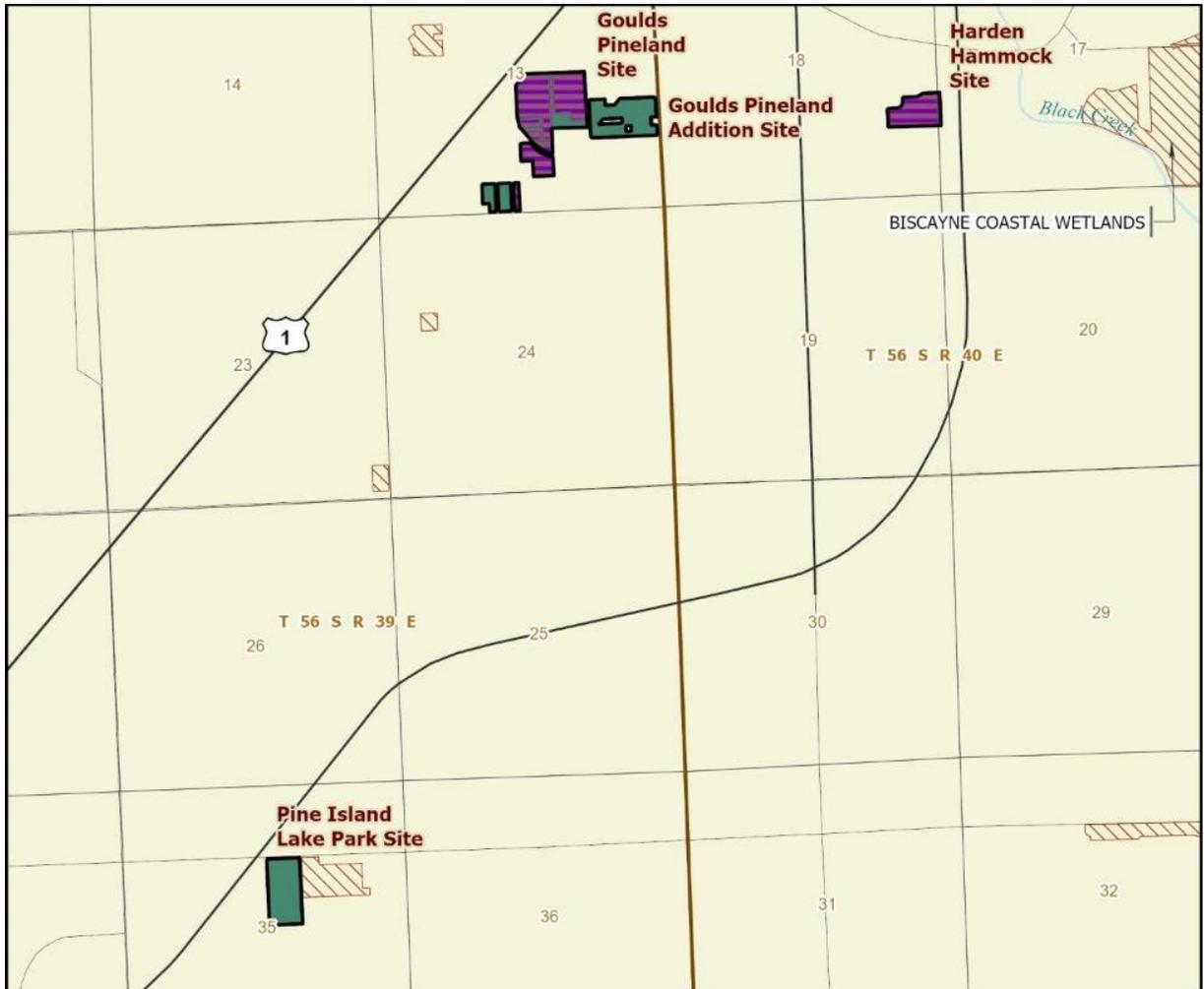
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Miami-Dade County Owned Lands Within Project
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  Other Florida Forever BOT Projects



JANUARY 2020



Map 6: FNAI, January 2020



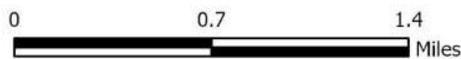
DADE COUNTY ARCHIPELAGO: MAP 6

MIAMI-DADE COUNTY

-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands



JANUARY 2020



Map 7: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 7

MIAMI-DADE COUNTY

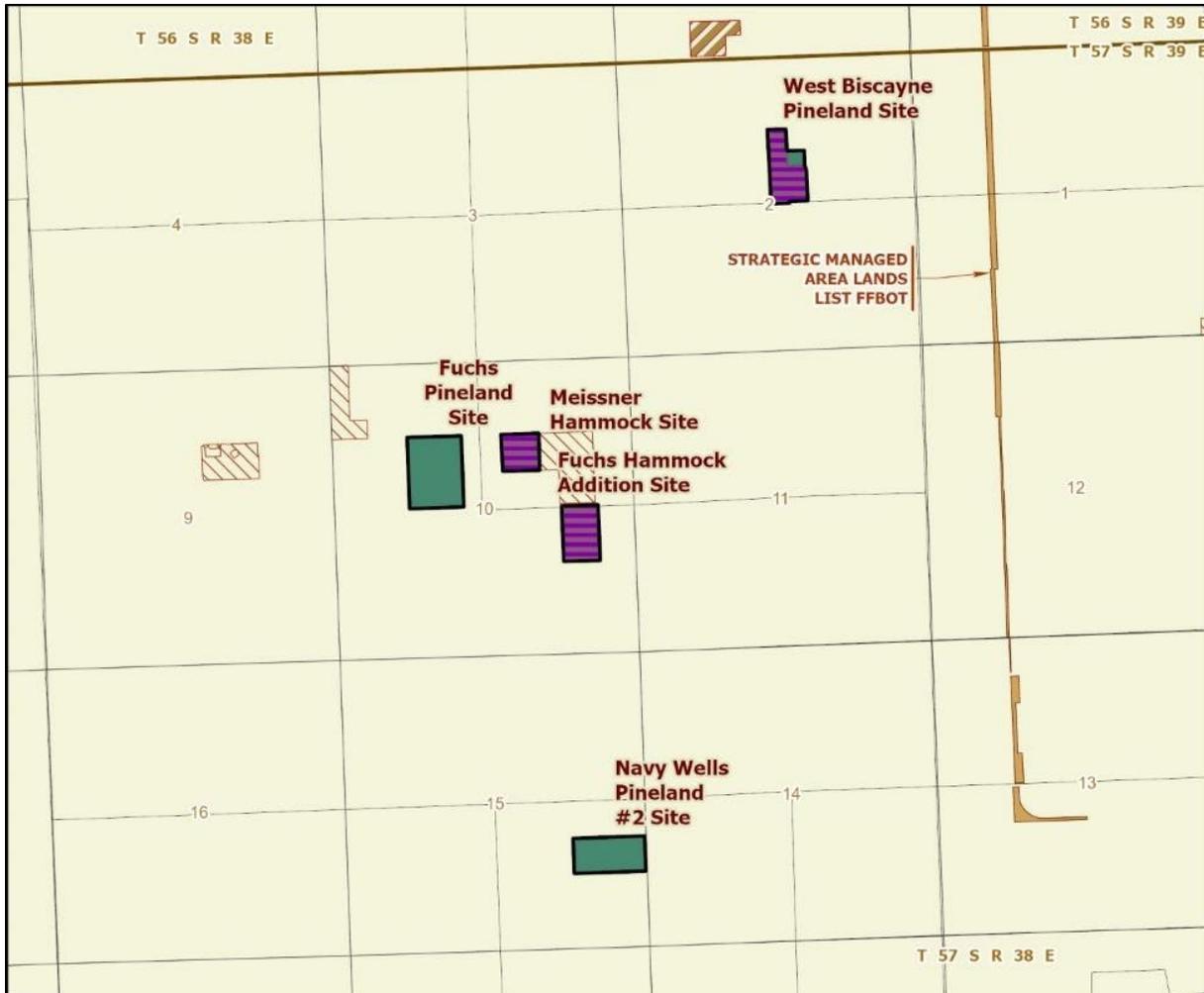
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Miami-Dade County Owned Lands Within Project
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  Other Florida Forever BOT Projects



JANUARY 2020



Map 8: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 8

MIAMI-DADE COUNTY

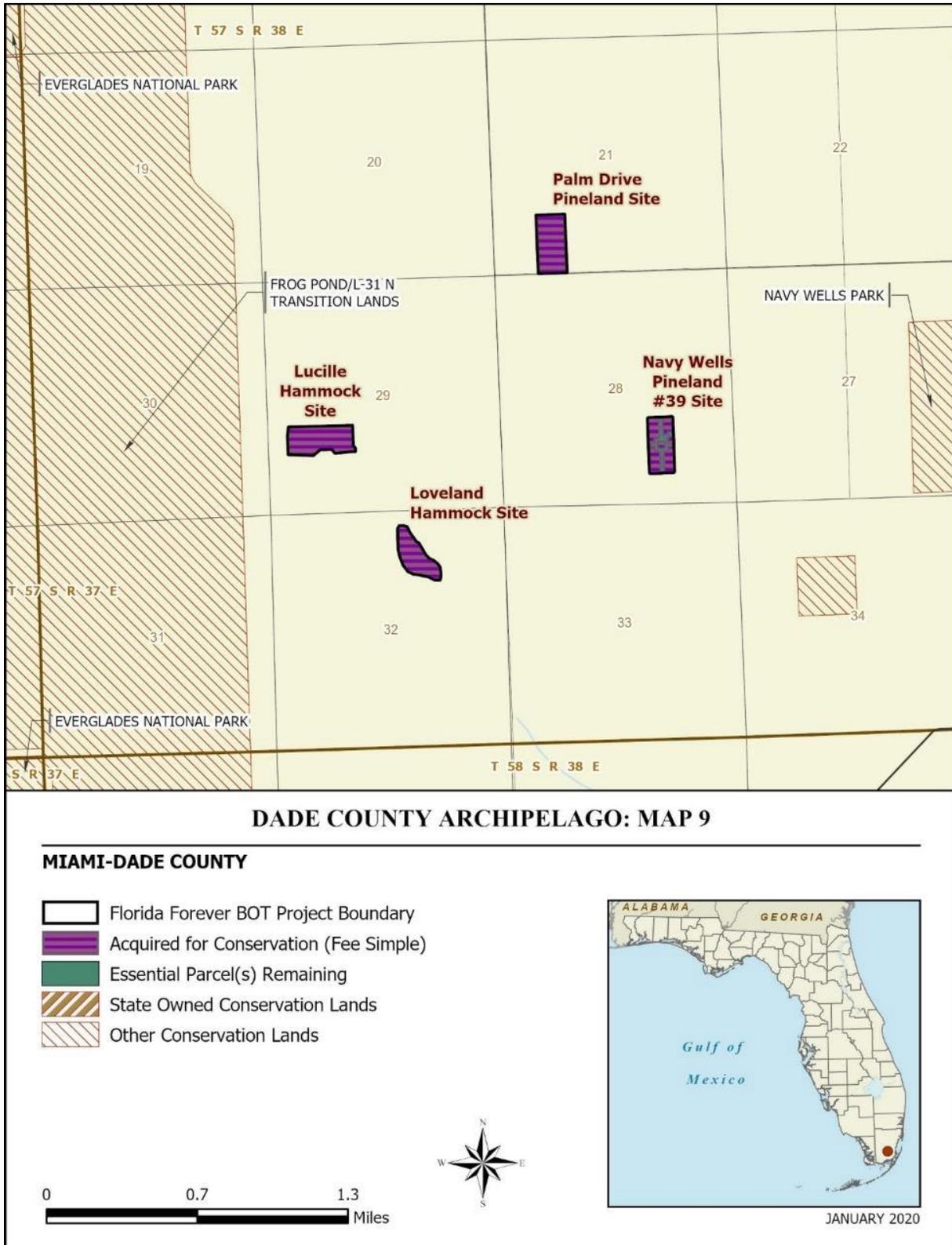
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  Other Florida Forever BOT Projects



JANUARY 2020



Map 9: FNAI, January 2020



Map 10: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 10

MIAMI-DADE COUNTY

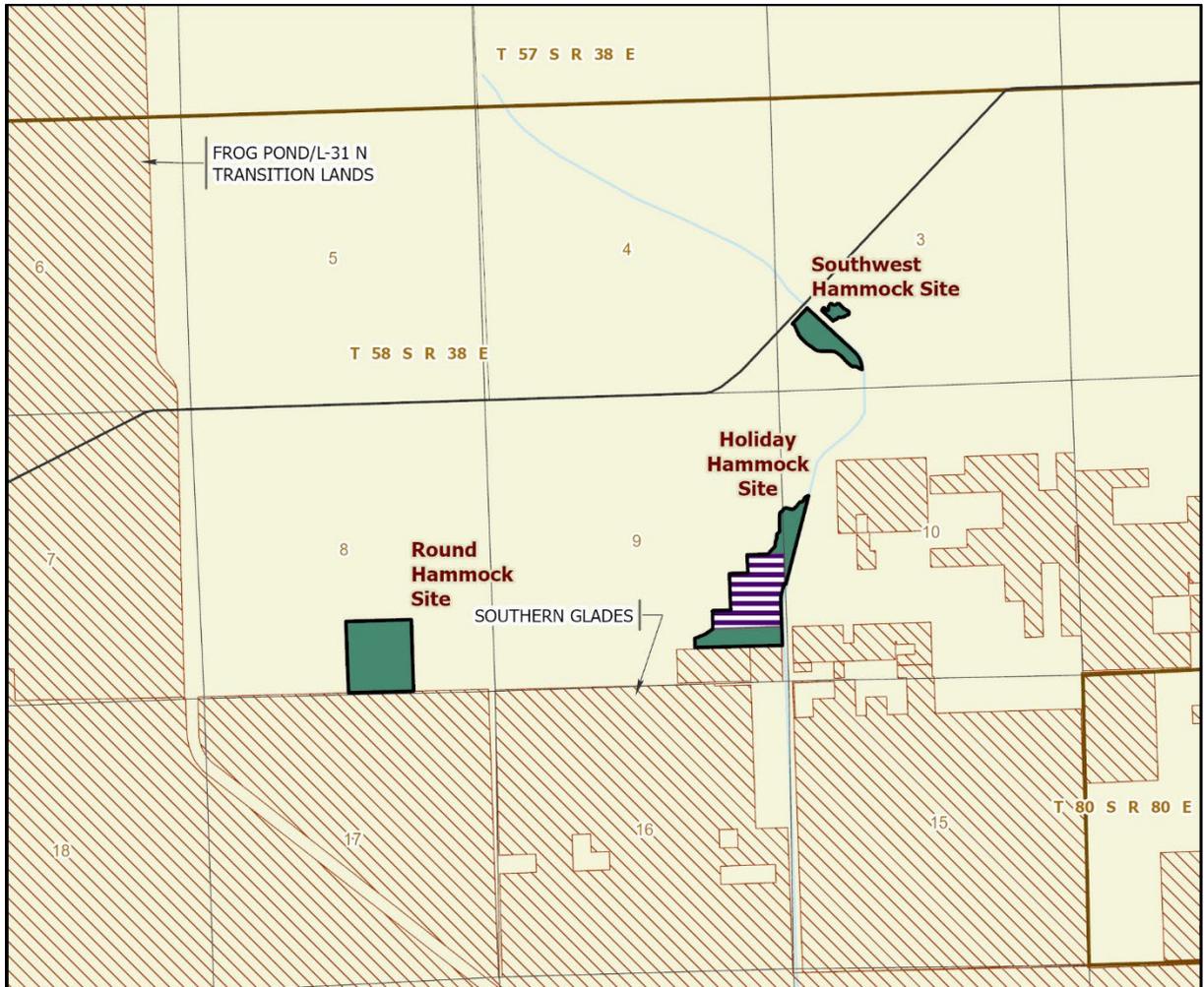
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Miami-Dade County Owned Lands Within Project
-  Essential Parcel(s) Remaining
-  State Owned Conservation Lands
-  Other Conservation Lands
-  Other Florida Forever BOT Projects



JANUARY 2020



Map 11: FNAI, January 2020



DADE COUNTY ARCHIPELAGO: MAP 11

MIAMI-DADE COUNTY

-  Florida Forever BOT Project Boundary
-  Miami-Dade County Owned Lands Within Project
-  Essential Parcel(s) Remaining
-  Other Conservation Lands



FEBRUARY 2022



Map 12: FNAI, February 2022

