



**Meeting Date:** January 19, 2017

**Agenda Item:** 11-C

## **Report to Town Council**

**Topic:** Resolution 2017-01, designating seven trees within the Town Parks as Historic and Landmark Trees.

**Recommended Motion:** Approval of Resolution 2017-01.

**Summary:** Please see attached memorandum.

**Requested by:** Mr. Joulani, Planning & Development Director

**Approved by:** Ms. Witt, Town Manager



## MEMORANDUM

### TOWN OF PONCE INLET, PLANNING AND DEVELOPMENT DEPARTMENT

*The Town of Ponce Inlet staff shall be professional, caring and fair in delivering community excellence while ensuring Ponce Inlet citizens obtain the greatest value for their tax dollar.*

To: Jeaneen Witt, Town Manager  
Through: Aref Joulani, Director, Planning and Development   
From: Stephanie Doster, Planner 1   
Date: December 20, 2016  
Subject: Resolution 2017-01 Re Local Historic Landmark Tree Designation

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**Request:** To nominate seven trees within Town Parks as Historic and Landmark Trees  
**Applicant:** Town of Ponce Inlet  
**Owner:** Town of Ponce Inlet  
**Location:** Timucuan Oaks Gardens and Ponce Preserve  
**Recommendation:** Approval, based on the findings of this report

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**MEETING DATE: January 19, 2017**

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#### Authority and Process

Section 4.10.5.D of the Land Use and Development Code (LUDC) describes the criteria for designating landmark and historic trees. Upon receipt of a completed application and review by staff, it is the Parks, Recreation and Tree Advisory Board's role to provide a recommendation on whether the tree should be designated. The Parks, Recreation and Tree Advisory Board reviewed the nomination at a public hearing dated October 04, 2016 and based on specific criteria, which are discussed further below; the board has recommended approval as shown in the attached meeting minutes (Attachment 1). It is now the decision of Town Council to pass a resolution that officially designates the trees and adding them to the Local Historic Register. (Attachment 2, proposed Resolution 2017-01)

#### Property Overview

Four of the seven trees nominated are located in Timucuan Oaks Garden, 4550 S. Peninsula Drive, Ponce Inlet (Attachment 3). This property is owned by the Town of Ponce Inlet, zoned as conservation, and offers public gardens abutting a dense Maritime Hammock and wetlands with a boardwalk to Daggett Creek. Timucuan Oaks Garden was named in honor of the native tribe for whom this land was home. An archaeological survey completed in 2007 showed what appears to be a dune is actually a Native American shell midden extending across the length of the property near its entrance. Mounds like this typically contain discards from daily life such as bones, shells, pottery, and tools. "The majority of the material recovered from the shovel tests was shell, particularly oyster and clam. Very little bone was recovered; the majority of the identified bone was fish. Prehistoric artifacts were limited to a small sample of St. Johns Plain ceramics and St. Johns sand tempered

sand tempered stamped. The stamped wares were probably check stamped, but deterioration precluded certain identification. These ceramics are certainly consistent with the material from the previous studies in this area, indicating occupation of the site from the St. Johns I (500 BC-AD 800) to the St. John's II (AD 800-1565) cultural periods. Most of the St. Johns Plain ceramics were recovered from the deepest levels of test units, whereas St. Johns sand tempered stamped shards were recovered from the upper levels, indicating a stratigraphic deposition matching the cultural history of the area. The survey indicates that the tidal marsh in the western portion of the property contained no significant cultural resources. There is a deposit of shell from dredging at the edge of Daggett Creek, but this is not an archaeological site. The eastern portion of the property did contain a high concentration of shell midden throughout the maritime hammock down to the edge of the tidal marsh and extending to the south boundary of the property. This midden is densest in the northeast corner where the shell mound is located and in the north center part of the hammock. Based on the few recovered ceramics, this shell midden dates from the St. Johns I through the St. Johns II periods, which is comparable to deposits at the nearby Green Mound site. Based on the test unit results, Timucuan Oaks Garden is a significant archaeological site with the potential to yield data which would address prehistoric occupation and resource exploitation of this area. As a result, it is eligible for the National Register of Historic Places" (Phase I Cultural Resources Survey and Assessment: Timucuan Oaks Botanical Garden, SouthArc Inc.).

The three remaining trees are located in Ponce Preserve, 4401 S. Peninsula Drive, Ponce Inlet (Attachment 4). This property is also owned by the Town of Ponce Inlet, zoned partially as conservation and public institutional. Features of this property include walking trails from the Atlantic Ocean to the Halifax River, kayak and canoe launches, a children's' playground, a dense Maritime Hammock, and the Historic Green Mound.

The Green Mound State Archeological Site is one of the best preserved and last remaining shell mounds in the region and is on the Ponce Inlet Local Registry of Historic Places. The site holds a rich history of the prehistoric Florida Native Americans who inhabited the site for hundreds of years. Archaeological studies of the mound date artifacts to the St. Johns period (500 BC - 1565 AD). Mounds like this typically contain discards from daily life such as bones, shells, pottery, and tools. Studies have also shown that during the St. Johns I period (500 BC - 800 AD), people occupied the site year round, while in the St. Johns II period (800 AD -1565 AD) people only occupied the site seasonally. A survey of the Green Mound by American Botanist, John K. Small, in 1922 revealed a unique botanical environment that included several rare plant species. Some of those plants are still visible in the area surrounding the mound, including wild-coffee, marlberry and snowberry. By 1933, a significant portion of the mound had been mined for shells used in road construction. In 1948, the Green Mound Historical Society, led by R.J. Longstreet, recognized the significance of the mound. The organization purchased it for preservation and turned it over to the Florida State Board of Forestry.

### **Discussion**

LUDC Section 4.10.5.D outlines criteria for designation of trees as historic and landmark. The criteria below must be met for a designation to be made. They include:

- a. The tree must be indigenous to the region;
- b. The tree must be in apparent good health;
- c. The tree must have a DBH of at least 25 inches; and

d. The tree must possess significance in *one* or more of the following ways:

- (1) The tree has a documented association with a historical figure, property, or significant historical event.
- (2) The tree is associated with a historic landmark, site, or event.
- (3) The tree was planted as a commemoration, memorial or tribute.
- (4) The tree is distinctive due to a functional or aesthetic relationship with a natural resource, such as trees located along stream banks or along dune or ridge lines.
- (5) The tree has exceptional or unique architecture.
- (6) The tree is identified by the town as having significant arboricultural or horticultural value to the citizens of the town.
- (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.

**Findings of Facts**

Staff has evaluated the criteria in Section 4.10.5.D of the LUDC and finds that the application meets those criteria based on the findings listed in Attachments 5-19.

**Relationship to Development**

In addition to the criteria above, nominations for local historic landmarks are also reviewed according to their relationship between the designation and existing and future plans for the development of the town. All of the nominated trees are located in Town owned parks, which receives thousands of tourists per year. The properties to the north, south and east of the Timucuan Oaks Garden is residentially zoned; to the west is the Daggett Creek. The properties to the north and south of the Ponce Preserve are residentially zoned; to the east is the Atlantic Ocean and to the west is the Halifax River. The designation of the trees would complement the existing historic sites and walking trails they are visible from.

**Conclusion and Recommendation**

Staff recommends that the Council accepts the recommendation of the Parks, Recreation and Tree Advisory Board dated October 04, 2016 of the proposed designations and adopt Resolution 2017-01 to nominate seven trees within Town Parks as Historic and Landmark Trees.

  
 \_\_\_\_\_  
 Aref Joulani, Director of Planning and Development

01-03-17  
 \_\_\_\_\_  
 Date

  
 \_\_\_\_\_  
 Stephanie Doster, Planner 1

1-3-17  
 \_\_\_\_\_  
 Date

**Attachments**

1. Parks, Recreation and Tree Advisory Board, October 4, 2016 Regular Meeting Minutes
2. Resolution 2017-01
3. Location Map Timucuan Oaks Gardens
4. Location Map Ponce Preserve
5. Narrative on Criteria Met, 34" Southern Live Oak "Zeus", Timucuan Oaks Garden
6. Picture, 34" Southern Live Oak "Zeus", Timucuan Oaks Garden
7. Narrative on Criteria Met, 27" Southern Live Oak, Timucuan Oaks Garden
8. Picture, 27" Southern Live, Oak Timucuan Oaks Garden
9. Narrative on Criteria Met, Low Branching Live Oak, Timucuan Oaks Garden
10. Picture, Low Branching Live Oak, Oak Timucuan Oaks Garden
11. Narrative on Criteria Met, 31" Live Oak, Oak Timucuan Oaks Garden
12. Picture, 31" Live Oak, Oak Timucuan Oaks Garden
13. Narrative on Criteria Met, 30" Live Oak, Ponce Preserve
14. Picture, 30" Live Oak, Ponce Preserve
15. Narrative on Criteria Met, 45" Green Mound Live Oak, Ponce Preserve
16. Picture, 45" Green Mound Live Oak, Ponce Preserve
17. Narrative on Criteria Met, 36" Laurel Oak "Elephant Tree", Ponce Preserve
18. Picture 36" Laurel Oak "Elephant Tree", Ponce Preserve
19. 2007 Town of Ponce Inlet, Master Tree Inventory

ATTACHMENT 1

## Parks, Recreation and Tree Advisory Board, October 4, 2016 Regular Meeting Minutes

48 begins at 3:00 p.m. and those wishing to run games should be at the park at 5:00 p.m.  
 49 Chairman Shaffer volunteered to assist with this event and Ms. Bell said she forwarded  
 50 the request for volunteers to the Volunteer Coordinator at her school.

51

52 **7. OLD BUSINESS: None.**

53

54 **8. NEW BUSINESS:**

55 a. Consideration of Historic Tree Nominations – Ms. Doster reviewed the Board's  
 56 authority and provided a list and history of the recommended trees. She noted that  
 57 currently, staff is recommending trees in the Ponce Preserve and Timucuan Oaks, and  
 58 that other trees may be recommended in the future. Ms. Zengotita explained that the  
 59 trees will be identified by a small sign. Chairman Shaffer opened public comment;  
 60 seeing none, he closed public comment. Board members commended staff for its work  
 61 on this program. Ms. Bell moved to recommend approval of the proposed designations  
 62 as outlined in the staff report dated September 1, 2016 (Attachment #1) as they meet all  
 63 of the criteria set forth in section 4.10.5.D of the LUDC, and to forward to the Town  
 64 Council for consideration; seconded by Ms. Magrady. The motion was APPROVED 3-0,  
 65 with the following vote: Ms. Bell – yes; Ms. Magrady – yes; Chairman Shaffer – yes.

66

67 **9. PUBLIC PARTICIPATION: None**

68

69 **10. BOARD DISCUSSION:** Ms. Bell noted the passing of Jo Ellen Basile, who was  
 70 a member of the Davis House Preservation Group, the Turtle Patrol, and the Trap-  
 71 Neuter-Release program.

72

73 **11. ADJOURNMENT –** Ms. Bell moved to adjourn the meeting at 6:14 p.m.;  
 74 seconded by Ms. Magrady. The meeting was adjourned.

75

76 Prepared & submitted by:

77

78 Peg Hunt

79 Peg Hunt, Town Board Secretary

ATTACHMENT 2

Resolution 2017-01

**RESOLUTION 2017-01**

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF PONCE INLET, VOLUSIA COUNTY, FLORIDA, DESIGNATING SEVEN (7) TREES WITHIN PONCE PRESERVE AND TIMUCUAN OAKS GARDEN AS LOCAL HISTORIC LANDMARK TREES PURSUANT TO SECTION 4.10.5.D OF THE LAND USE AND DEVELOPMENT CODE; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, Section 4.10 of the Town of Ponce Inlet Land Use and Development Code (LUDC) establishes the Town's minimum standards for protecting existing native trees and vegetation and for the design, installation, and maintenance of landscaping and buffers, and

**WHEREAS**, Section 4.13 of the LUDC states the Town's intent to recognize, protect and enhance, buildings, landmarks, and sites within the town that have specific historic, archaeological, or aesthetic significance, resulting in increased property values, increased economic benefits to the town and its residents, the promotion of local interests, educational and cultural enrichment of human life; and

**WHEREAS**, Trees provide numerous environmental, social, and economic benefits such as reducing storm water runoff and erosion, reducing energy use, improving air quality, increasing property values, shading, promoting wildlife habitat, and providing residents with a source of serenity within the Town; and

**WHEREAS**, The Town has placed considerable emphasis on the quality life and importance of trees on publicly-owned land in Ponce Inlet by establishing a master tree inventory and management plan in 2007; and

**WHEREAS**, at its October 4, 2016 meeting, the Parks Recreation and Tree Advisory Board reviewed and recommended approval of designating the seven (7) trees within Ponce Preserve and Timucuan Oaks Garden as historic landmark trees; and

**WHEREAS**, the Town Council of the Town of Ponce Inlet, Florida, hereby determines that the criteria set forth in LUDC Section 4.10.5.D have been met, such that the trees shall be designated as historic landmarks and added to the Ponce Inlet Local Register of Historic Trees.

**NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF PONCE INLET, FLORIDA AS FOLLOWS:**

designated as historic landmark trees and added to the Ponce Inlet Local Register of Historic Trees.

**SECTION 2.** The designation of these trees shall restrict future removal and allow trail marker designations to be placed within the parks for recognitions of their historic significance.

**SECTION 3.** This Resolution shall take effect immediately upon its adoption.

It was moved by \_\_\_\_\_ and seconded by \_\_\_\_\_ that said Resolution be passed. A roll call vote of the Town Council on said motion resulted as follows:

Mayor Smith, Seat #1	_____
Councilmember Milano, Seat #2	_____
Vice-Mayor Hoss, Seat #3	_____
Councilmember Perrone, Seat #4	_____
Councilmember Paritsky, Seat #5	_____

Adopted this \_\_\_\_ day of \_\_\_\_\_, 2017.

Town of Ponce Inlet, Florida

\_\_\_\_\_  
Gary L. Smith, Mayor

ATTEST:

\_\_\_\_\_  
Jeaneen Witt, CMC  
Town Manager/Town Clerk

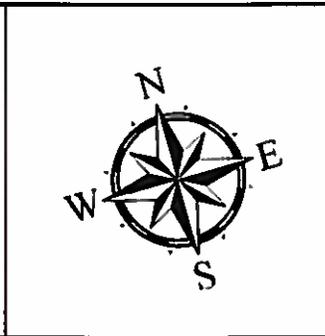


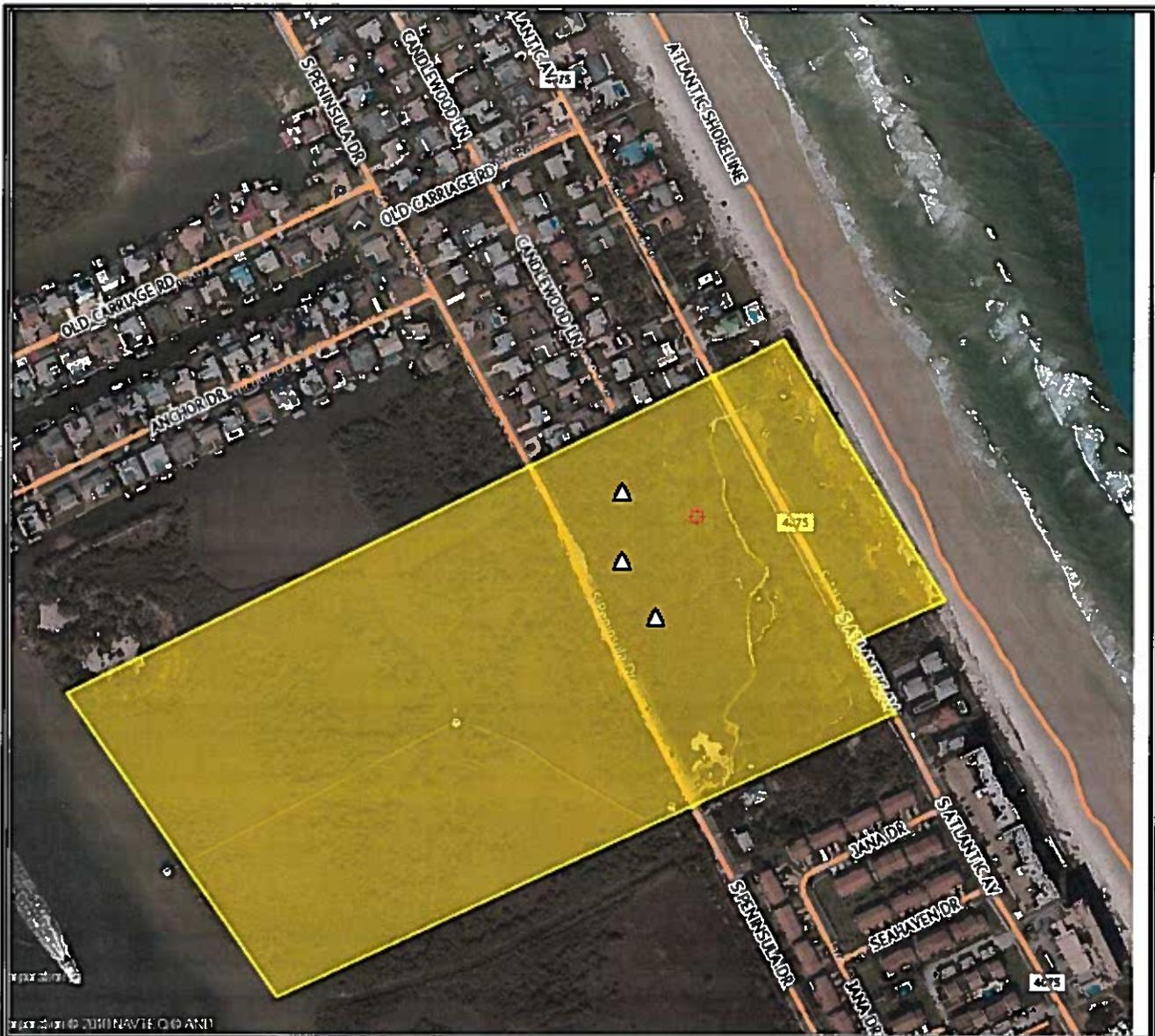
**Case No.:** 2016-0621/0622/0623/0624  
**Applicant:** Town of Ponce Inlet  
**Property Address/Location:** 4550 S. Peninsula Drive

**Summary of Request:** Δ Indicates approximate tree locations  
 To nominate Tree within Town Parks as Historic and Landmark Trees



**ATTACHMENT 3**  
**LOCATION MAP**  
**TIMUCUAN OAKS**  
 TOWN OF  
 PONCE INLET





<p><b>Case No.:</b> 2016-0618/0619/0620</p>	<p><b>Summary of Request:</b> △ Indicates approximate tree locations</p> <p>To nominate Tree within Town Parks as Historic and Landmark Trees</p>
<p><b>Applicant:</b> Town of Ponce Inlet</p>	
<p><b>Property Address/Location:</b> 4401 S. Peninsula Drive</p>	

	<p><b>ATTACHMENT 4</b></p> <p><b>LOCATION MAP</b></p> <p><b>PONCE PRESERVE</b></p> <p><b>TOWN OF</b></p> <p><b>PONCE INLET</b></p>	
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**ATTACHMENT 5**

## Narrative on Criteria Met

## "Zeus"

## Timucuan Oaks Garden

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - "Zeus" is a Southern Live Oak, native to the southeastern United States.
- b. The tree must be in apparent good health;
  - This tree was documented in the 2007 Town of Ponce Inlet, Master Tree Inventory (Attachment 19) as being in *good* health. Town staff has since visited this tree and confirmed the tree looks to still be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 34"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - This tree is located in Timucuan Oaks Garden, which as stated in the property overview eligible for the National Register of Historic Places due the historic Native American shell midden located on site.
  - (4) The tree is distinctive due to a functional or aesthetic relationship with a natural resource, such as trees located along stream banks or along dune or ridge lines.
    - This tree is growing near a Native American shell midden that runs across the length of the property.
  - (5) The tree has exceptional or unique architecture.
    - Zeus has unique architecture due to a lifetime of salt pruning.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree contributes to the dese Maritime Hammock of Timucuan Oaks Garden.

ATTACHMENT 6

"Zeus"



ATTACHMENT 7

Narrative on Criteria Met  
27" Southern Live Oak  
Timucuan Oaks Garden

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Southern Live Oak is native to the southeastern United States.
- b. The tree must be in apparent good health;
  - Town staff has visited this site and confirmed the tree looks to be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 27"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - This tree is located in Timucuan Oaks Garden, which as stated in the property overview eligible for the National Register of Historic Places due the historic Native American shell midden located on site.
  - (4) The tree is distinctive due to a functional or aesthetic relationship with a natural resource, such as trees located along stream banks or along dune or ridge lines.
    - This tree is growing near an Native American shell midden that runs across the length of the property.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree contributes to the dese Maritime Hammock of Timucuan Oaks Garden.

ATTACHMENT 8

27" Live Oak



## ATTACHMENT 9

### Narrative on Criteria Met "Low Branching" Southern Live Oak Timucuan Oaks Garden

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Southern Live Oak is native to the southeastern United States.
- b. The tree must be in apparent good health;
  - Town staff has visited this site and confirmed the tree looks to be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - The tree is comprised of four low branching trunks, the two largest being 17.5" DBH and 21.6" DBH. The two combined at 39.1" DBH, meeting the minimum criteria.
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - This tree is located in Timucuan Oaks Garden, which as stated in the property overview eligible for the National Register of Historic Places due the historic Native American shell midden located on site.
  - (5) The tree has exceptional or unique architecture.
    - The "Low Branching" Southern Live Oak has a unique architecture display of four low branching trunks which fan out in all directions.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree sits at the tree line between Timucuan Oaks Garden and the Maritime Hammock leading to Daggett Creek creating a natural transition point between the planted gardens and native existing landscapes.

ATTACHMENT 10  
"Low Branching" Live Oak



ATTACHMENT 11

Narrative on Criteria Met

31" Southern Live Oak

Timucuan Oaks Garden

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Southern Live Oak is native to the southeastern United States.
- b. The tree must be in apparent good health;
  - This tree was documented in the 2007 Town of Ponce Inlet, Master Tree Inventory (Attachment 19) as being in *good* health. Town staff has since visited this tree and confirmed it looks to still be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 31"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - This tree is located in Timucuan Oaks Garden, which as stated in the property overview is eligible for the National Register of Historic Places due the historic Native American shell midden located on site.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree is located approximately 15 feet south of the boardwalk leading to Daggett Creek, contribution a wide shaded spread and natural landscaping of the Maritime Hammock.

ATTACHMENT 12

31" Live Oak



ATTACHMENT 13

Narrative on Criteria Met

30" Southern Live Oak

Ponce Preserve

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Southern Live Oak is native to the southeastern United States.
- b. The tree must be in apparent good health;
  - This tree was documented in the 2007 Town of Ponce Inlet, Master Tree Inventory (Attachment 19) as being in *good* health. Town staff has since visited this tree and confirmed it looks to still be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 30"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - This tree is growing on the northwest side of the Green Mound State Archeological Site, which is on the Ponce Inlet Local Registry of Historic Places.
  - (5) The tree has exceptional or unique architecture.
    - This tree has unique architecture due to a lifetime of salt pruning. Salt pruning is the process by which saline mists generated by the ocean are blown ashore and to avoid the saline mist, the tree grows away from the mist/ocean. Thus, over time this process alters the shape of trees. The result of the salt pruning is asymmetrical growth, appearing "swept back" away from the ocean.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree contributes to the dense Maritime Hammock of Ponce Preserve.

ATTACHMENT 14

30" Live Oak



**ATTACHMENT 15****Narrative on Criteria Met  
45" Green Mound Live Oak  
Ponce Preserve**

Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Southern Live Oak is native to the southeastern United States.
- b. The tree must be in apparent good health;
  - This tree was documented in the 2007 Town of Ponce Inlet, Master Tree Inventory (Attachment 19) as being in *good* health. Town staff has since visited this tree and confirmed it looks to still be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 45"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - The Green Mound Live Oak is growing on the southern slope of the Green Mound State Archeological Site, which is on the Ponce Inlet Local Registry of Historic Places.
  - (4) The tree is distinctive due to a functional or aesthetic relationship with a natural resource, such as trees located along stream banks or along dune or ridge lines.
    - The Green Mound Live Oak is growing on the southern slope of the Green Mound State Archeological Site.
  - (5) The tree has exceptional or unique architecture.
    - This tree has unique architecture due to a lifetime of salt pruning causing it to grow toward the west to escape the salt mist, creating the unique low lying limbs almost parallel to the ground.
  - (6) The tree is identified by the town as having significant arboricultural or horticultural value to the citizens of the town.
    - The Green Mound Live Oak is an icon of the Town of Ponce Inlet. Many residents frequently visit the site and invite guests to see the unique, massive tree. The residents of Ponce Inlet take great pride in the preservation and historical value of our area and this significant tree.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - This tree is located along the walking trails of Ponce Preserve contributing to the dense Maritime Hammock and is one of the most recognized trees in Ponce Inlet.

ATTACHMENT 16  
45" Green Mound Live Oak



ATTACHMENT 17Narrative on Criteria Met  
Laurel Oak, "Elephant Tree"  
Ponce Preserve

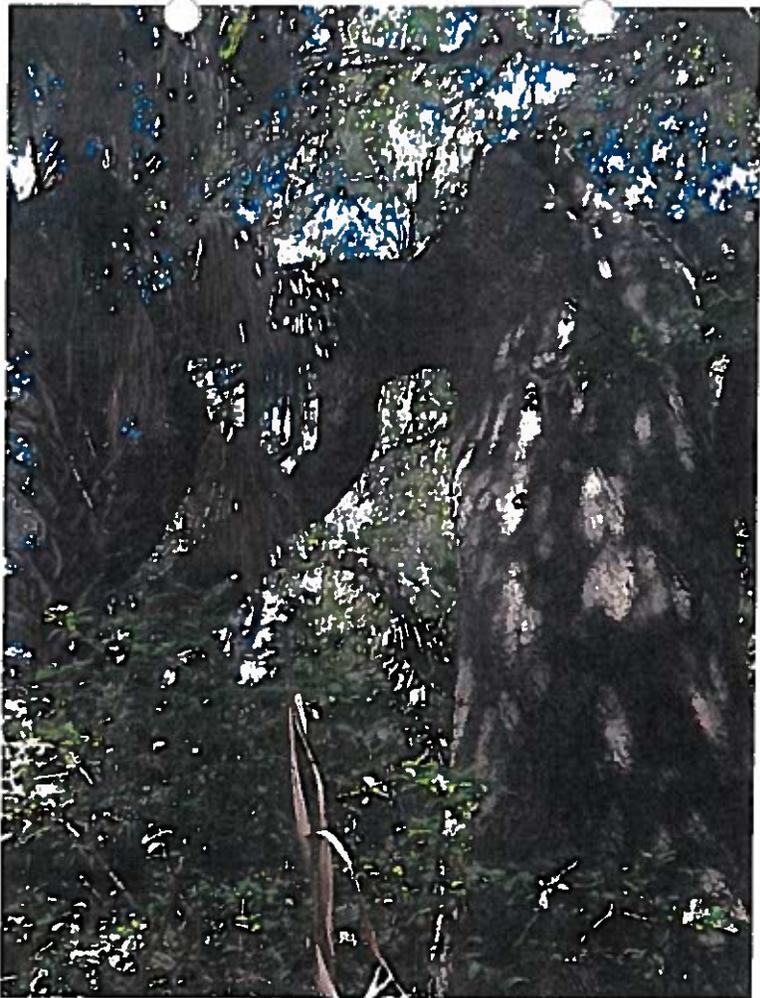
Required criteria met for designation of trees as historic and landmark: (LUDC Sec. 4.10.5.D)

- a. The tree must be indigenous to the region;
  - Laurel Oak is native to the Atlantic and Gulf Coastal Plains of the southeastern United States.
- b. The tree must be in apparent good health;
  - This tree was documented in the 2007 Town of Ponce Inlet, Master Tree Inventory (Attachment 19) as being in *good* health. Town staff has since visited this tree and confirmed it looks to still be in good health.
- c. The tree must have a DBH of at least 25 inches; and
  - Diameter is 36"
- d. The tree possesses significance in the following ways:
  - (1) The tree has a documented association with a historical figure, property, or significant historical event.
    - Oak is growing on the south-western side of the Green Mound State Archeological Site, which is on the Ponce Inlet Local Registry of Historic Places.
  - (5) The tree has exceptional or unique architecture.
    - The "Elephant Tree" as nicknamed by town staff, has unique architecture due to a lifetime of salt pruning, which has contoured the trunks of the tree to uniquely resemble the trunks of elephants.
  - (7) The tree is identified as playing a significant role in the landscape or architecture of a specific location.
    - The Elephant Tree has grown towards the west to escape the salt mist, creating the unique low lying limbs almost parallel to the ground. This expansive trees also plays a significant role in the structure of the Maritime Hammock of Ponce Preserve.

ATTACHMENT 18  
Laurel Oak, "Elephant Tree"



Cont.  
ATTACHMENT 18



## ATTACHMENT 19

### 2007 Town of Ponce Inlet, Master Tree Inventory

#### MASTER TREE INVENTORY

Tree_ID	Species	Common Name	DBH	Latitude	Longitude	Location	Condition
1	Quercus virginiana	Live oak	7.75	29° 6' 59.879" N	80° 57' 5.094" W	Street Tree	Good
2	Quercus virginiana	Live oak	8.25	29° 6' 59.791" N	80° 57' 4.984" W	Street Tree	Good
3	Quercus virginiana	Live oak	9.25	29° 6' 59.720" N	80° 57' 4.927" W	Street Tree	Good
4	Quercus virginiana	Live oak	9	29° 6' 59.698" N	80° 57' 4.909" W	Street Tree	Good
5	Quercus virginiana	Live oak	13	29° 6' 59.642" N	80° 57' 4.937" W	Street Tree	Good
6	Quercus virginiana	Live oak	14	29° 6' 59.629" N	80° 57' 4.852" W	Street Tree	Good
7	Quercus virginiana	Live oak	18	29° 6' 58.451" N	80° 57' 3.802" W	Street Tree	Good
8	Quercus virginiana	Live oak	13.25	29° 6' 58.187" N	80° 57' 3.654" W	Street Tree	Good
9	Quercus virginiana	Live oak	15	29° 6' 57.529" N	80° 57' 3.465" W	Street Tree	Good
10	Quercus virginiana	Live oak	25	29° 6' 57.445" N	80° 57' 3.219" W	Street Tree	Good
11	Quercus virginiana	Live oak	10	29° 6' 56.750" N	80° 57' 2.943" W	Street Tree	Good
12	Quercus virginiana	Live oak	12	29° 6' 56.772" N	80° 57' 3.002" W	Street Tree	Good
13	Persea borbonia	Redbay	13	29° 6' 56.497" N	80° 57' 2.820" W	Street Tree	Good
14	Quercus virginiana	Live oak	18.5	29° 6' 56.075" N	80° 57' 2.547" W	Street Tree	Good
15	Juniperus virginiana	Red cedar	18.75	29° 6' 53.809" N	80° 57' 1.459" W	Street Tree	Good
16	Quercus virginiana	Live oak	16.75	29° 6' 53.046" N	80° 57' 1.015" W	Street Tree	Good
17	Quercus virginiana	Live oak	7.75	29° 6' 52.666" N	80° 57' 0.820" W	Street Tree	Good
18	Juniperus virginiana	Red cedar	10	29° 6' 50.807" N	80° 56' 59.859" W	Street Tree	Good
19	Quercus virginiana	Live oak	10.5	29° 6' 50.807" N	80° 56' 59.859" W	Street Tree	Good
20	Quercus virginiana	Live oak	31	29° 6' 50.494" N	80° 56' 59.768" W	Street Tree	Good
21	Quercus virginiana	Live oak	11	29° 6' 50.461" N	80° 56' 59.613" W	Street Tree	Good
22	Quercus virginiana	Live oak	10.5	29° 6' 50.446" N	80° 56' 59.663" W	Street Tree	Good
23	Quercus virginiana	Live oak	8.25	29° 6' 50.331" N	80° 56' 59.522" W	Street Tree	Good
24	Quercus virginiana	Live oak	17.5	29° 6' 50.065" N	80° 56' 59.358" W	Street Tree	Good
25	Quercus virginiana	Live oak	16.5	29° 6' 49.573" N	80° 56' 59.201" W	Street Tree	Good
26	Quercus virginiana	Live oak	8.25	29° 6' 47.329" N	80° 56' 57.516" W	Street Tree	Good
27	Celtis laevigata	Hackberry	5.25	29° 6' 39.941" N	80° 56' 53.290" W	Street Tree	Good
28	Quercus virginiana	Live oak	18	29° 6' 20.666" N	80° 56' 42.220" W	TBG	Good
29	Quercus virginiana	Live oak	13.25	29° 6' 20.667" N	80° 56' 42.189" W	TBG	Good
30	Quercus virginiana	Live oak	19.5	29° 6' 20.025" N	80° 56' 42.640" W	TBG	Good
31	Quercus virginiana	Live oak	29	29° 6' 19.980" N	80° 56' 42.957" W	TBG	Good
32	Quercus virginiana	Live oak	18	29° 6' 19.968" N	80° 56' 43.165" W	TBG	Good
33	Quercus virginiana	Live oak	30	29° 6' 20.023" N	80° 56' 43.566" W	TBG	Good
34	Quercus virginiana	Live oak	24	29° 6' 19.988" N	80° 56' 44.167" W	TBG	Good
35	Quercus virginiana	Live oak	17.5	29° 6' 20.143" N	80° 56' 44.077" W	TBG	Good
36	Quercus virginiana	Live oak	21.25	29° 6' 20.311" N	80° 56' 44.235" W	TBG	Good
37	Quercus virginiana	Live oak	19.75	29° 6' 19.283" N	80° 56' 43.912" W	TBG	Good
38	Quercus virginiana	Live oak	20	29° 6' 19.362" N	80° 56' 43.858" W	TBG	Good
39	Quercus virginiana	Live oak	12.25	29° 6' 19.306" N	80° 56' 43.670" W	TBG	Good
40	Quercus virginiana	Live oak	13.25	29° 6' 19.214" N	80° 56' 43.759" W	TBG	Good

#### MASTER TREE INVENTORY

Tree_ID	Species	Common Name	DBH	Latitude	Longitude	Location	Condition
41	Quercus virginiana	Live oak	13	29° 6' 19.088" N	80° 56' 43.258" W	TBG	Good
42	Quercus virginiana	Live oak	15.25	29° 6' 19.294" N	80° 56' 43.379" W	TBG	Good
43	Quercus virginiana	Live oak	14.75	29° 6' 19.273" N	80° 56' 43.404" W	TBG	Good
44	Quercus virginiana	Live oak	13	29° 6' 19.441" N	80° 56' 43.446" W	TBG	Good
45	Quercus virginiana	Live oak	13.25	29° 6' 19.382" N	80° 56' 43.243" W	TBG	Good
46	Quercus virginiana	Live oak	16.5	29° 6' 19.483" N	80° 56' 43.616" W	TBG	Good
47	Quercus virginiana	Live oak	13.75	29° 6' 19.136" N	80° 56' 43.827" W	TBG	Good
48	Quercus virginiana	Live oak	12.25	29° 6' 19.124" N	80° 56' 43.776" W	TBG	Good
49	Quercus virginiana	Live oak	10.5	29° 6' 19.061" N	80° 56' 43.823" W	TBG	Good
50	Quercus virginiana	Live oak	16	29° 6' 19.172" N	80° 56' 43.913" W	TBG	Fair
51	Quercus virginiana	Live oak	15.25	29° 6' 18.830" N	80° 56' 44.133" W	TBG	Good
52	Quercus virginiana	Live oak	15	29° 6' 18.544" N	80° 56' 43.900" W	TBG	Fair
53	Quercus virginiana	Live oak	15.5	29° 6' 18.541" N	80° 56' 43.871" W	TBG	Good
54	Quercus virginiana	Live oak	31	29° 6' 18.737" N	80° 56' 44.242" W	TBG	Good
55	Quercus virginiana	Live oak	11.25	29° 6' 18.915" N	80° 56' 44.067" W	TBG	Good
56	Quercus virginiana	Live oak	15.5	29° 6' 18.996" N	80° 56' 44.290" W	TBG	Good
57	Quercus virginiana	Live oak	24.5	29° 6' 18.862" N	80° 56' 44.601" W	TBG	Good
58	Quercus virginiana	Live oak	21	29° 6' 18.802" N	80° 56' 44.667" W	TBG	Good
59	Quercus virginiana	Live oak	22	29° 6' 18.400" N	80° 56' 44.912" W	TBG	Fair
60	Quercus virginiana	Live oak	23.25	29° 6' 18.341" N	80° 56' 44.903" W	TBG	Good
61	Quercus virginiana	Live oak	28.75	29° 6' 18.693" N	80° 56' 44.924" W	TBG	Good
62	Juniperus virginiana	Red cedar	17.25	29° 6' 18.849" N	80° 56' 45.542" W	TBG	Good
63	Juniperus virginiana	Red cedar	18.75	29° 6' 19.153" N	80° 56' 45.274" W	TBG	Good
64	Juniperus virginiana	Red cedar	17	29° 6' 19.210" N	80° 56' 45.005" W	TBG	Fair
65	Quercus virginiana	Live oak	12.5	29° 6' 19.215" N	80° 56' 44.866" W	TBG	Good
66	Quercus virginiana	Live oak	34	29° 6' 19.312" N	80° 56' 44.429" W	TBG	Good
67	Quercus virginiana	Live oak	12.75	29° 6' 19.194" N	80° 56' 44.081" W	TBG	Good
68	Quercus virginiana	Live oak	18.75	29° 6' 19.273" N	80° 56' 43.986" W	TBG	Good
69	Juniperus virginiana	Red cedar	13.25	29° 6' 19.578" N	80° 56' 44.451" W	TBG	Poor
70	Quercus virginiana	Live oak	16.75	29° 6' 19.774" N	80° 56' 44.647" W	TBG	Good
71	Quercus virginiana	Live oak	19	29° 6' 19.750" N	80° 56' 44.701" W	TBG	Good
72	Juniperus virginiana	Red cedar	20.75	29° 6' 19.503" N	80° 56' 45.038" W	TBG	Fair
73	Quercus virginiana	Live oak	22	29° 6' 19.897" N	80° 56' 45.047" W	TBG	Good
74	Quercus virginiana	Live oak	13.25	29° 6' 19.807" N	80° 56' 44.995" W	TBG	Good
75	Quercus virginiana	Live oak	12.25	29° 6' 19.735" N	80° 56' 45.350" W	TBG	Good
76	Quercus virginiana	Live oak	25.75	29° 6' 19.586" N	80° 56' 45.308" W	TBG	Good
77	Persea borbonia	Redbay	18.5	29° 6' 19.958" N	80° 56' 45.658" W	TBG	Good
78	Persea borbonia	Redbay	18.5	29° 6' 19.877" N	80° 56' 45.681" W	TBG	Good
79	Juniperus virginiana	Red cedar	18.25	29° 6' 19.246" N	80° 56' 45.563" W	TBG	Good
80	Quercus virginiana	Live oak	13.5	29° 6' 19.490" N	80° 56' 45.738" W	TBG	Good

Cont.  
**ATTACHMENT 19**  
2007 Town of Ponce Inlet, Master Tree Inventory

**MASTER TREE INVENTORY**

Tree_ID	Species	Common Name	DBH	Latitude	Longitude	Location	Condition
641	<i>Persea borbonia</i>	Redbay	16.25	29° 6' 53.594" N	80° 57' 0.032" W	Ponce Preserve	Good
642	<i>Persea borbonia</i>	Redbay	14	29° 6' 53.716" N	80° 57' 0.201" W	Ponce Preserve	Good
643	<i>Juniperus virginiana</i>	Red cedar	18	29° 6' 53.706" N	80° 57' 0.341" W	Ponce Preserve	Good
644	<i>Quercus laurifolia</i>	Live oak	10	29° 6' 53.943" N	80° 57' 0.690" W	Ponce Preserve	Good
645	<i>Quercus virginiana</i>	Live oak		229° 6' 52.61" N	80° 56' 59.95" W	Ponce Preserve	Good
646	<i>Quercus laurifolia</i>	Laurel oak	12	29° 6' 54.076" N	80° 57' 0.704" W	Ponce Preserve	Good
647	<i>Quercus virginiana</i>	Live oak	16	29° 6' 53.994" N	80° 57' 0.558" W	Ponce Preserve	Good
648	<i>Quercus laurifolia</i>	Laurel oak	12	29° 6' 54.067" N	80° 57' 0.721" W	Ponce Preserve	Good
649	<i>Quercus laurifolia</i>	Laurel oak	12	29° 6' 54.069" N	80° 57' 0.735" W	Ponce Preserve	Good
650	<i>Quercus laurifolia</i>	Laurel oak	14	29° 6' 54.299" N	80° 57' 0.714" W	Ponce Preserve	Good
651	<i>Quercus laurifolia</i>	Laurel oak	16	29° 6' 54.433" N	80° 57' 0.909" W	Ponce Preserve	Good
652	<i>Quercus laurifolia</i>	Laurel oak	24	29° 6' 54.513" N	80° 57' 0.876" W	Ponce Preserve	Good
653	<i>Quercus laurifolia</i>	Laurel oak	12	29° 6' 55.121" N	80° 57' 0.988" W	Ponce Preserve	Good
654	<i>Quercus laurifolia</i>	Laurel oak	36	29° 6' 55.153" N	80° 57' 1.161" W	Ponce Preserve	Good
655	<i>Quercus laurifolia</i>	Laurel oak	12	29° 6' 55.761" N	80° 57' 1.322" W	Ponce Preserve	Good
656	<i>Persea borbonia</i>	Live oak	13	29° 6' 55.962" N	80° 57' 1.368" W	Ponce Preserve	Good
657	<i>Quercus laurifolia</i>	Laurel oak	18	29° 6' 56.230" N	80° 57' 1.590" W	Ponce Preserve	Good
658	<i>Persea borbonia</i>	Live oak	10	29° 6' 56.392" N	80° 57' 1.490" W	Ponce Preserve	Good
659	<i>Quercus laurifolia</i>	Laurel oak	16	29° 6' 55.631" N	80° 57' 1.535" W	Ponce Preserve	Good
660	<i>Persea borbonia</i>	Redbay	14	29° 6' 54.938" N	80° 56' 59.600" W	Ponce Preserve	Good
661	<i>Quercus virginiana</i>	Live oak	45	29° 6' 55.333" N	80° 56' 59.797" W	Ponce Preserve	Good
662	<i>Quercus virginiana</i>	Live oak	11	29° 6' 58.205" N	80° 57' 1.985" W	Ponce Preserve	Good
663	<i>Quercus virginiana</i>	Live oak	14	29° 6' 58.107" N	80° 57' 1.116" W	Ponce Preserve	Good
664	<i>Persea borbonia</i>	Redbay	12	29° 6' 58.191" N	80° 57' 1.529" W	Ponce Preserve	Poor
665	<i>Quercus virginiana</i>	Live oak	30	29° 6' 57.419" N	80° 57' 1.245" W	Ponce Preserve	Good
666	<i>Quercus virginiana</i>	Live oak	21	29° 6' 55.564" N	80° 56' 58.284" W	Ponce Preserve	Good
667	<i>Persea borbonia</i>	Redbay	11	29° 6' 55.520" N	80° 56' 59.049" W	Ponce Preserve	Good
668	<i>Quercus virginiana</i>	Live oak	10	29° 6' 54.973" N	80° 56' 58.750" W	Ponce Preserve	Good
669	<i>Quercus virginiana</i>	Live oak	12	29° 6' 55.786" N	80° 56' 58.509" W	Ponce Preserve	Good
670	<i>Quercus virginiana</i>	Live oak		229° 6' 52.63" N	80° 56' 00.01" W	Ponce Preserve	Good
671	<i>Quercus virginiana</i>	Live oak		229° 6' 52.65" N	80° 56' 59.96" W	Ponce Preserve	Good
672	<i>Quercus laurifolia</i>	Laurel oak	18.5	29° 6' 53.960" N	80° 56' 59.569" W	Ponce Preserve	Good
673	<i>Quercus virginiana</i>	Live oak	14	29° 6' 50.877" N	80° 56' 58.946" W	Ponce Preserve	Good
674	<i>Quercus virginiana</i>	Live oak	12	29° 6' 50.872" N	80° 56' 58.960" W	Ponce Preserve	Good
675	<i>Quercus virginiana</i>	Live oak	10	29° 6' 50.643" N	80° 56' 58.744" W	Ponce Preserve	Good
676	<i>Quercus virginiana</i>	Live oak	11	29° 6' 50.659" N	80° 56' 58.880" W	Ponce Preserve	Good
677	<i>Quercus virginiana</i>	Live oak	12	29° 6' 50.573" N	80° 56' 58.755" W	Ponce Preserve	Good
678	<i>Quercus virginiana</i>	Live oak	10	29° 6' 50.500" N	80° 56' 58.551" W	Ponce Preserve	Good
679	<i>Quercus virginiana</i>	Live oak	11	29° 6' 56.481" N	80° 56' 59.239" W	Ponce Preserve	Good
680	<i>Quercus virginiana</i>	Live oak	19	29° 6' 55.786" N	80° 56' 58.341" W	Ponce Preserve	Good