


Grant Report: Key West Tree Survey-Parks

March 2019

*Made Possible through a grant from the USDA Forest Service
in cooperation with the Florida Forest Service*



A large, ancient tree with thick, gnarled roots and a wooden bench in the foreground. The tree's roots are prominent and spread out across the ground. In the background, there is a white fence and a building. The scene is outdoors with green grass and other trees visible.

Goals:

1) Complete Tree Management Plan

- A) Mapping of City owned trees on Streets and in Parks**
- B) Maintenance Plan and Calendar**

2) Public Outreach

- A) Management Plan and Ordinance Workshops**
- B) Tree Care Press Releases and Videos**



Legend

Tree Inventory Parcels

Priority

- High
- High/Medium
- Medium
- Medium/Low

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PROJECT: NJN/NA/RC
 2/24/12/2011

Key West Tree Inventory Map

City of Key West, Monroe County, Florida

Tree Inventory
 Site Location Map

SCALE: 1"=1,500' DATE: 11/24/2016

OF SHEETS
1

Table 1. City Property Tree Inventory Results

Site Number	Site Name	Priority	Number of Individual Trees Mapped
1	Nancy Jameson Park	High	4
2	Peary Cemetery	High	10
3	Spotswood Park	High	12
4	8th Street Dog Park	High	12
5	Alan Frazier Park	High	12
6	Dog Beach	High	15
7	Gato Village Park	High	19
8	Grinnel Pocket Park	High	22
9	Bill Butler Park	High	39
10	Bayview Park	High	205
11	Key West Cemetery	High	277
12	President's Park	High	282
13	Mallory Square	Medium/High	211
14	Sun Terrace ROW	Medium	1
15	Oceanwalk Drive	Medium	9
16	Clinton Square	Medium	11
17	Cozumel Park	Medium	11
18	Old Firehouse Museum	Medium	13
19	Simonten Beach	Medium	16
20	Roller Rink Site	Medium	26
21	Willie Ward Park	Medium	35
22	17th Street Median	Medium	59
23	Conch Republic	Medium	111
24	Nelson English Park	Medium	113
25	908 Caroline Street	Medium/Low	28
26	Fire Station 2	Medium/Low	81
TOTAL			1,634

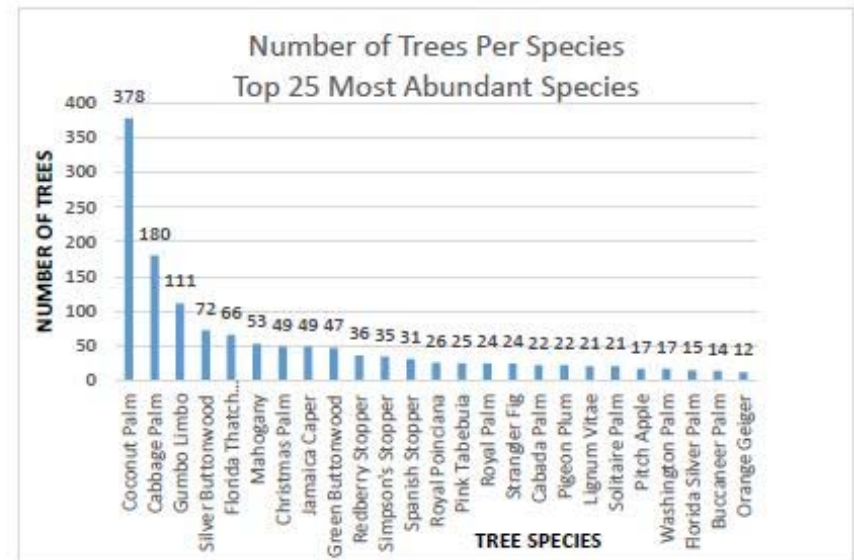
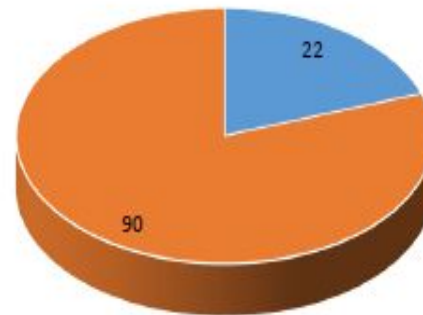


Figure 2 – Top 25 Most Abundant Species

Table 3 - Breakdown of Individual Trees by Type Inventoried on City Properties

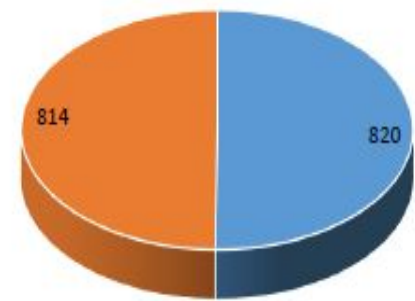
Type	Number of Species	Total Number of Individuals
Palms	22	820
Dicots	90	814

Number of Species



- Palms
- Dicots

Total Number of Individuals



- Palms
- Dicots

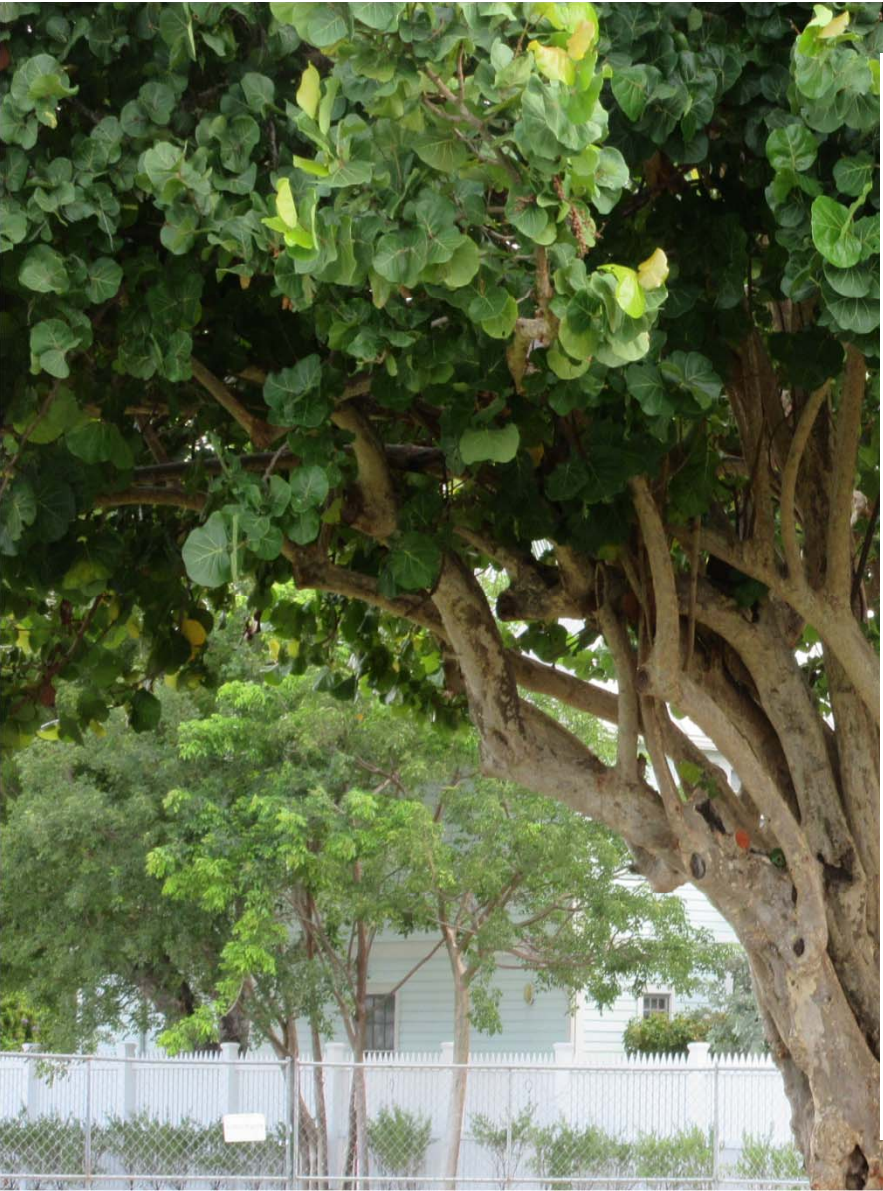
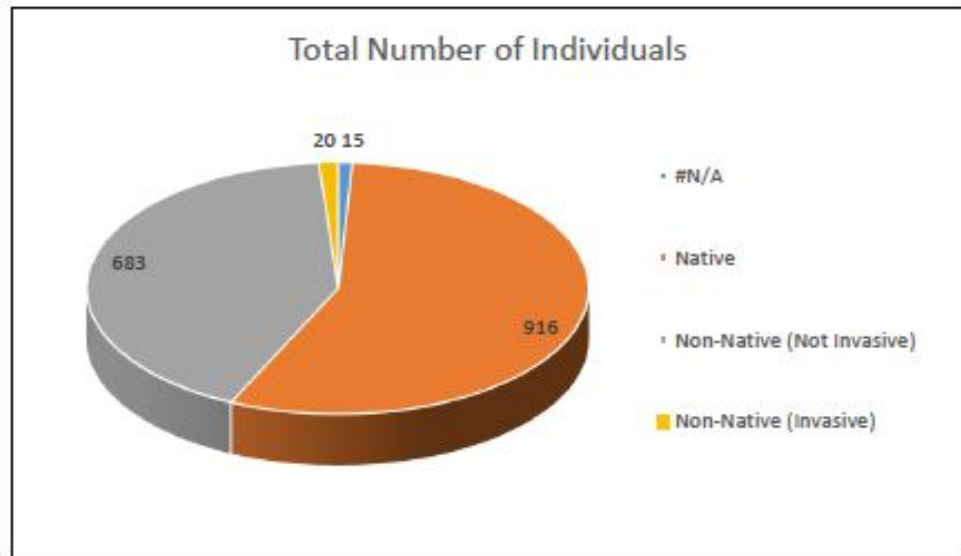
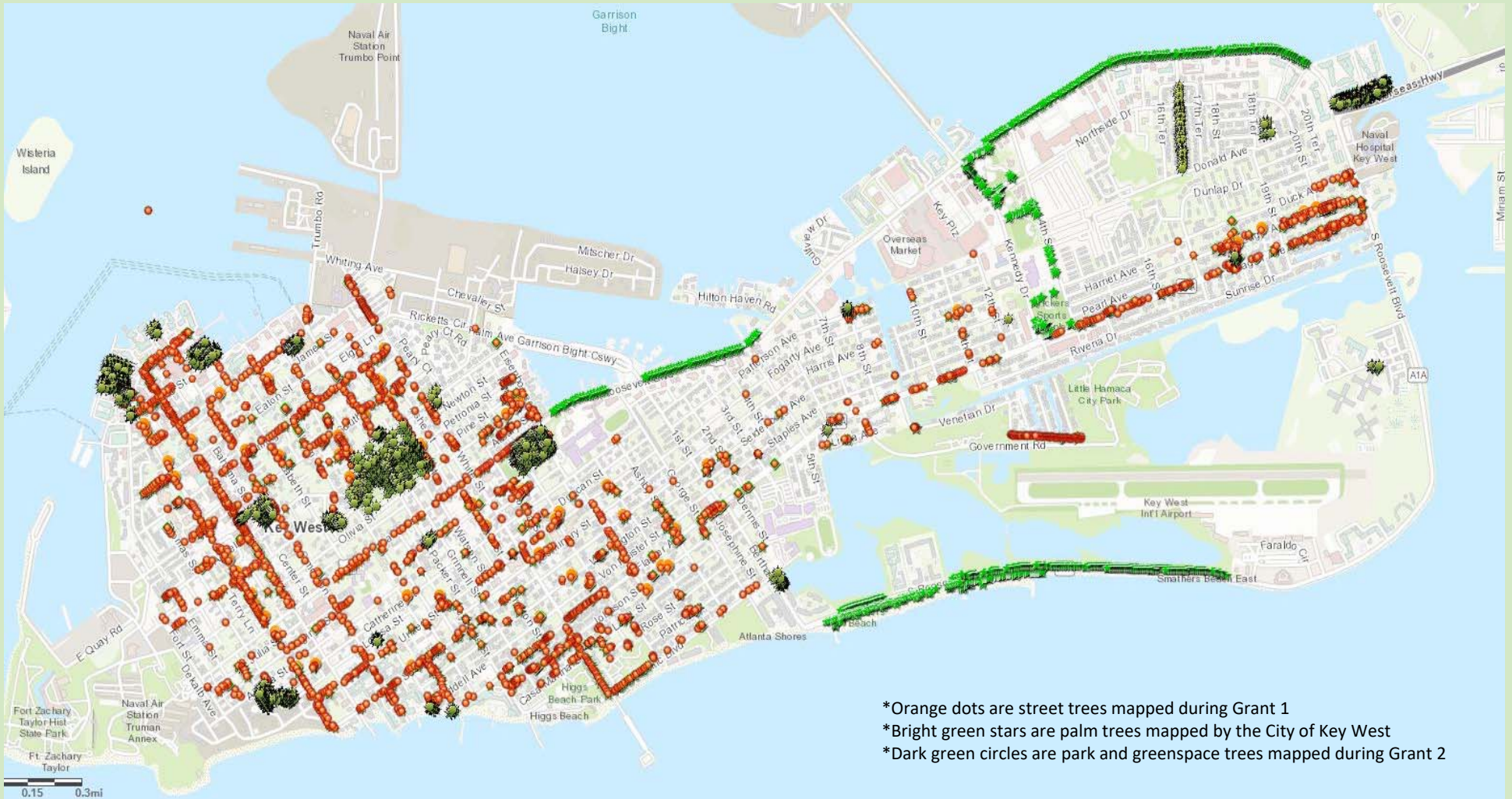


Table 4 - Breakdown of Classifications by Individual Trees	
Type/Status	Total Number of Individuals
Native	916
Non-Native (Not Invasive)	683
Non-Native (Invasive)	20
#N/A*	15

Note: * = Dead tree or unidentified species



CITY TREE MAP as of NOVEMBER 2018





Consultants Comments:

Significant diversity of tree and palm species throughout City owned parks and green space areas.

Most common defects observed in dicot trees were structural issues (constricted roots, restricted canopies, co-dominant leaders with included bark, deadwood, and low crown density)

Most common issues with palm trees were discolored fronds possibly from nutrient deficiency or pest/diseases.

Next Steps / Policy Recommendations:

- More trees planted in the midtown and old towns areas!
- Add staff – Landscaper and Tree Trimmers to properly maintain City owned street and park areas.
- Additional training of Community Services staff-landscape maintenance and proper tree trimming.
- Routine maintenance of trees-schedules/zones



TREE CITY USA®