The New Audubon Islands Sanctuary

by Florida Audubon

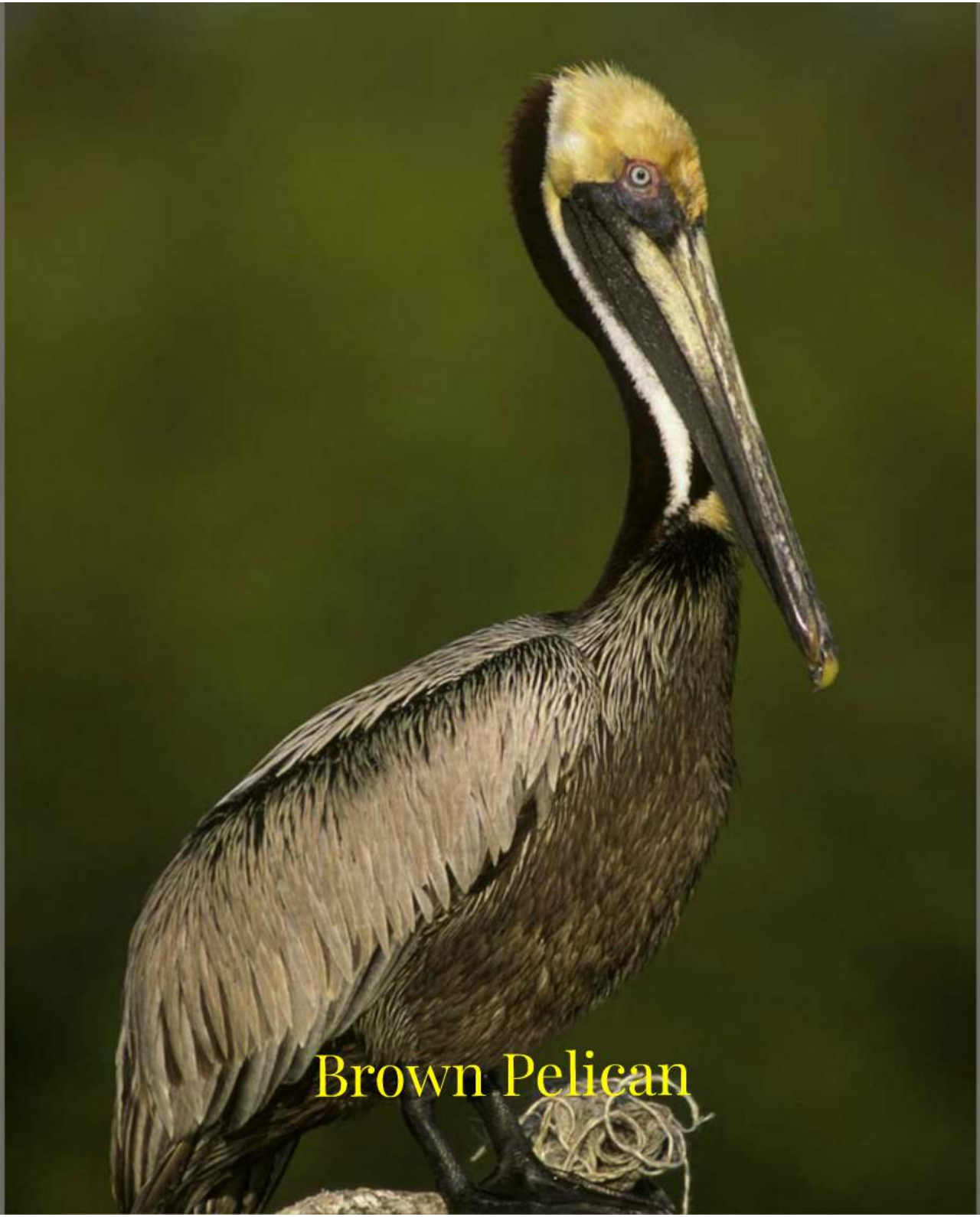
A Rare South Florida Tropical Habitat on a Hidden Island in the Lagoon

Bingham Islands Drone View

Mangrove Cuckoo

Original Bingham Island Sketch

by Charles Potter, circa 1883


Brown Pelican

Restoration Goals

Restore the last "wild" conservation land in Palm Beach

Revive a rare tropical hardwood hammock; a symbol of Florida's ancient beauty

Return Florida's threatened wading birds to their home in the Lake Worth Lagoon

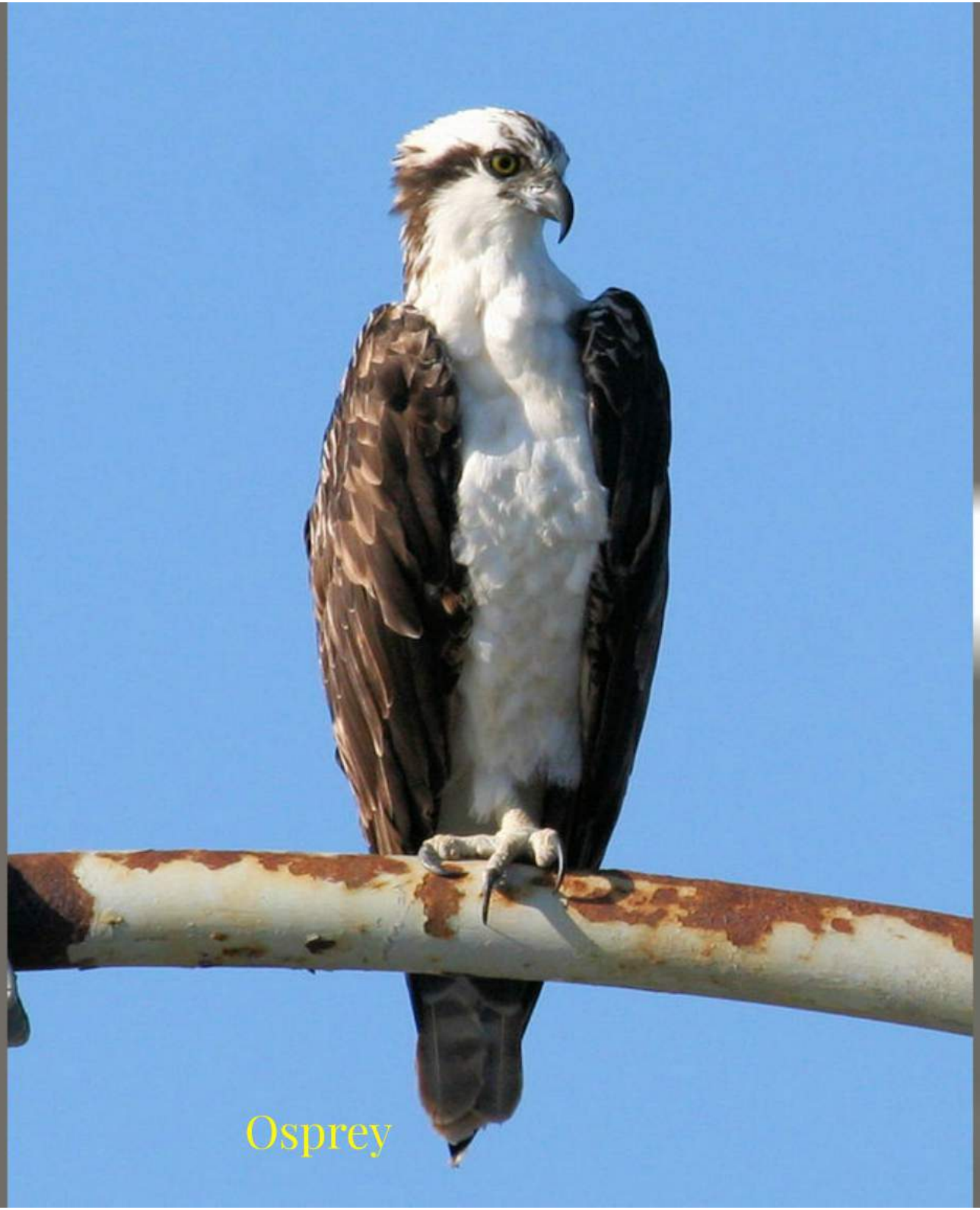
Reddish Egret

Program Activities

Remove invasive species & dead trees

Replant with locally-sourced Florida native plants & tree

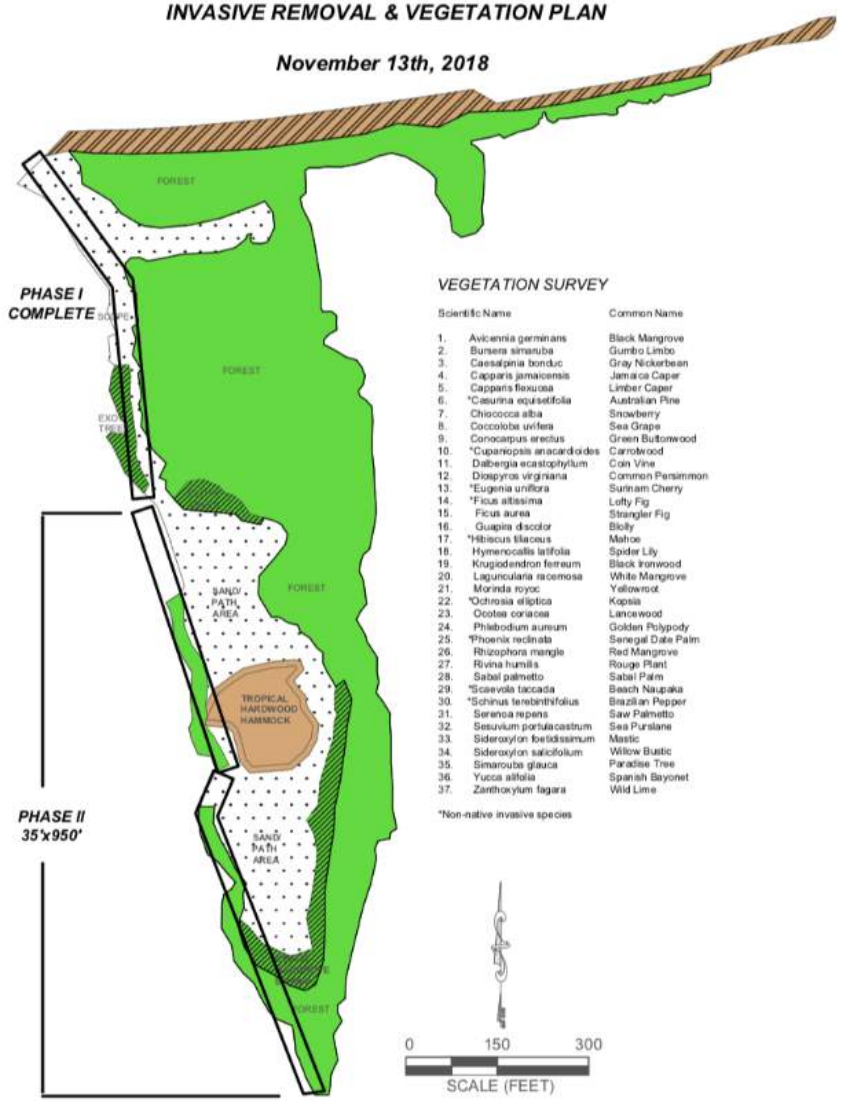
Maintain new plantings and remove invasive species wi
continual restoration effort


Osprey

Audubon FLORIDA
Restoring Audubon Islands Sanctuary

AUDUBON ISLANDS SANCTUARY - BINGHAM ISLAND
INVASIVE REMOVAL & VEGETATION PLAN

November 13th, 2018



VEGETATION SURVEY

	Scientific Name	Common Name
1.	Avicennia germinans	Black Mangrove
2.	Bursera simaruba	Gumbo Limbo
3.	Caesalpinia bonduc	Gray Nickerbean
4.	Capparis jamaicensis	Jamaica Caper
5.	Capparis flexuosa	Limber Caper
6.	*Casurina equisetifolia	Australian Pine
7.	Chiococca alba	Snowberry
8.	Coccoloba uvifera	Sea Grape
9.	Conocarpus erectus	Green Buttonwood
10.	*Cupaniopsis anacardioides	Carrotwood
11.	Dalbergia ecastophyllum	Coin Vine
12.	Diospyros virginiana	Common Persimmon
13.	*Eugenia uniflora	Surinam Cherry
14.	*Ficus altissima	Lofty Fig
15.	Ficus aurea	Strangler Fig
16.	Guapira discolor	Blolly
17.	*Hibiscus tiliaceus	Mahoe
18.	Hymenocallis latifolia	Spider Lily
19.	Krugiodendron ferreum	Black Ironwood
20.	Laguncularia racemosa	White Mangrove
21.	Morinda royoc	Yellowroot
22.	*Ochrosia elliptica	Kopsia
23.	Ocotea coriacea	Lancewood
24.	Phlebodium aureum	Golden Polypody
25.	*Phoenix reclinata	Senegal Date Palm
26.	Rhizophora mangle	Red Mangrove
27.	Rivina humilis	Rouge Plant
28.	Sabal palmetto	Sabal Palm
29.	*Scaevola taccada	Beach Naupaka
30.	*Schinus terebinthifolius	Brazilian Pepper
31.	Serenoa repens	Saw Palmetto
32.	Sesuvium portulacastrum	Sea Purslane
33.	Sideroxylon foetidissimum	Mastic
34.	Sideroxylon salicifolium	Willow Bustic
35.	Simarouba glauca	Paradise Tree
36.	Yucca aliifolia	Spanish Bayonet
37.	Zanthoxylum fagara	Wild Lime

*Non-native invasive species

Removing invasive species, including Brazilian Pepper & Australian Pine

Phase #I - Goals Achieved

Before with invasives

After - June 2017

Natives Species Begin to Return
Mockingbird

New Plantings

earth day 2017

earth day 2018

Least Tern

89 species of Birds in Lake Worth Lagoon

including:

Osprey
White Ibis
Least Tern
Brown Pelican
Reddish Egret
Great Blue Heron
American Redstart
Northern Mockingbird
Yellow-Throated Warbler
Yellow-Crowned Night-Heron

37 Species of Native Plants on Audubon Islands Sancturary

The plants and trees to be restored include:

Paradise Tree

Buttonwood Tree

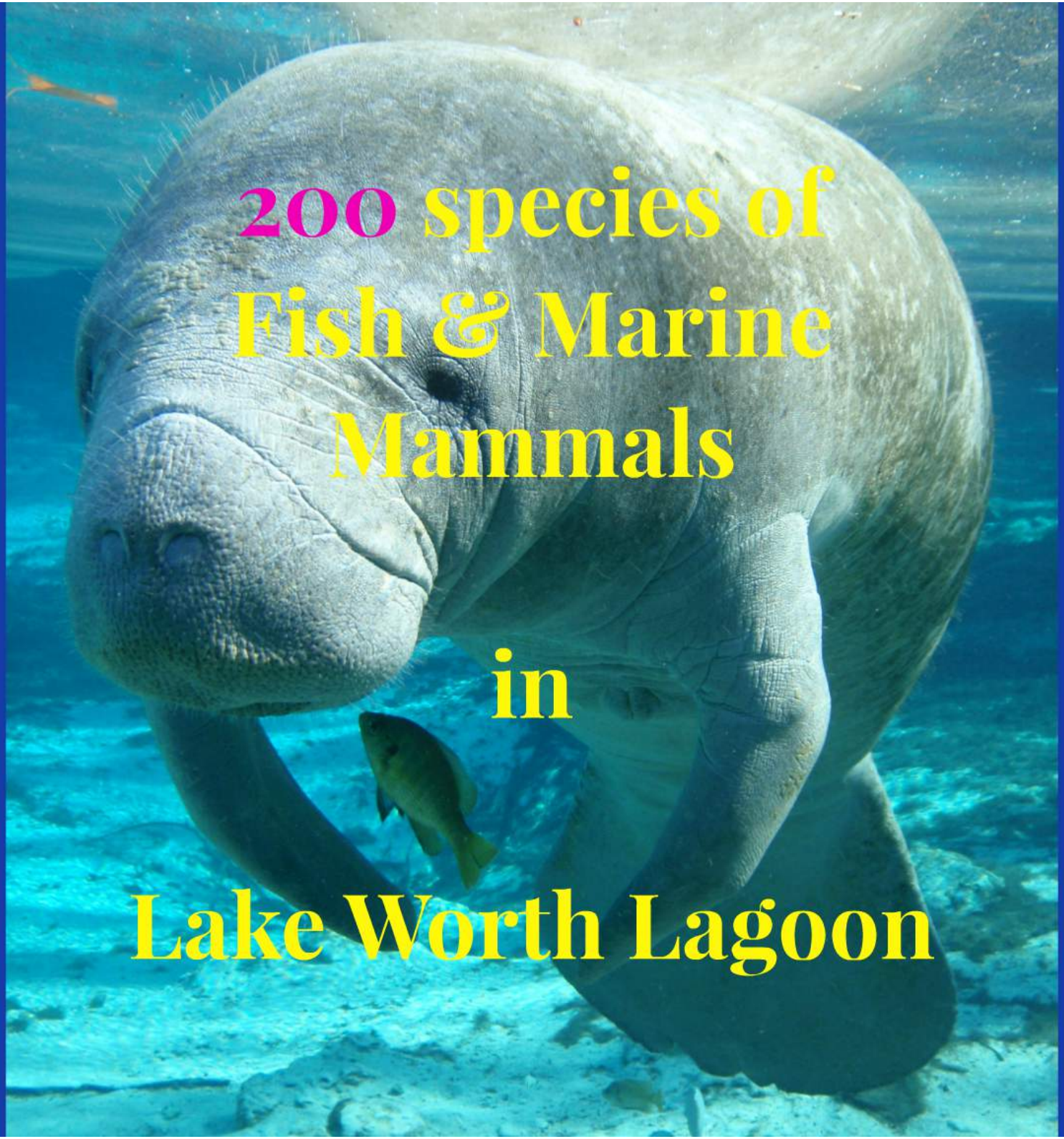
Seagrape Tree

White Mangrove

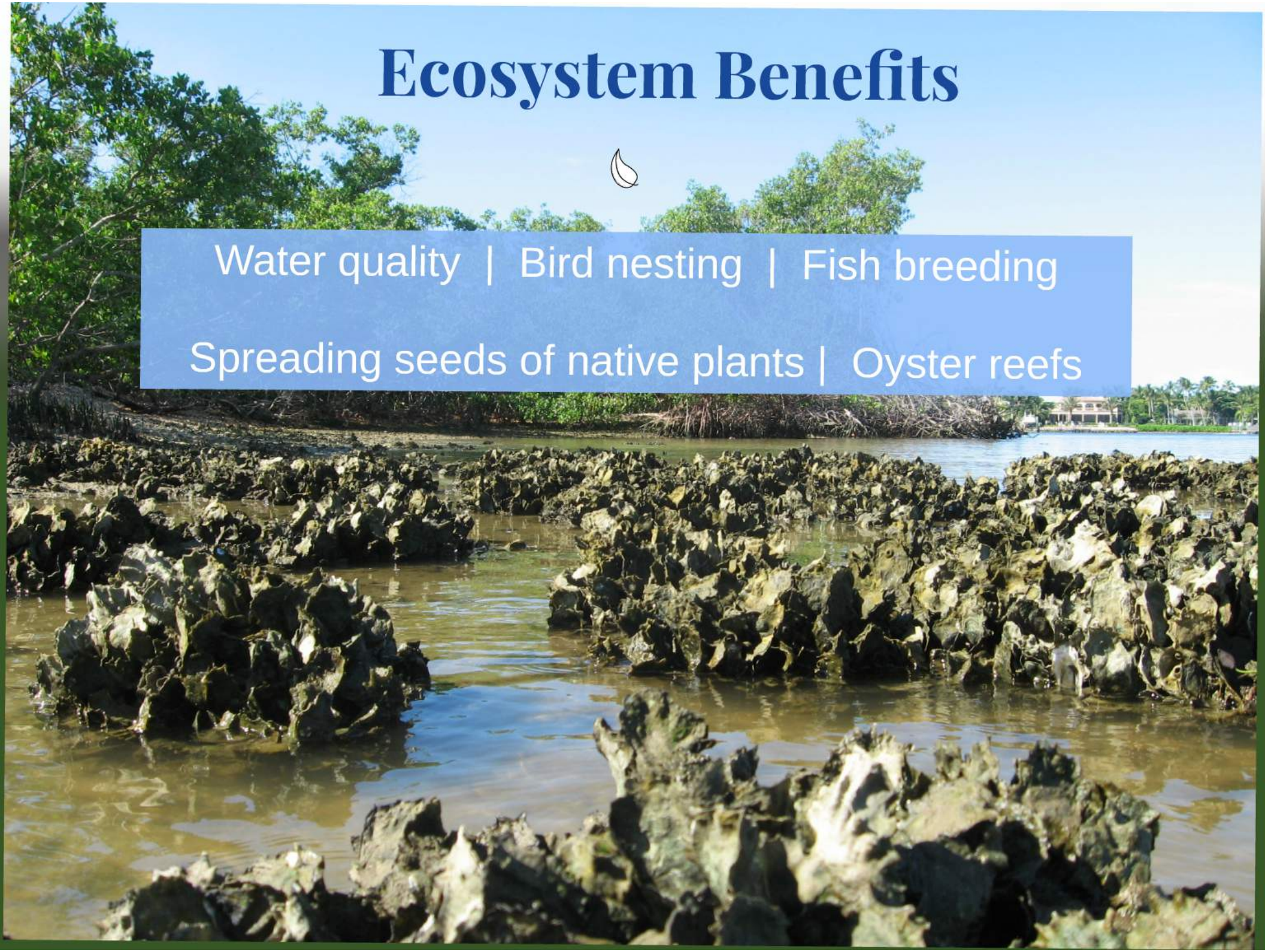
Black Mangrove

Red Mangrove

... all native to the lagoon


200 species of
Fish & Marine
Mammals
in
Lake Worth Lagoon

Ecosystem Benefits



Water quality | Bird nesting | Fish breeding

Spreading seeds of native plants | Oyster reefs

Timeline - 2018/2019

Phase 1: 2017-2018 Complete

Remove Dead and Invasive Plants & Trees,
Refurbishing Canopy and other Plantings

Phase 2: Winter 2018

Continued Restoration of the Habitats

Phase 3: Spring 2019

Earth Day 4.22.19 Plantings
& Oyster Reef Seeding

Please join us in
Restoring
THE
Audubon Islands
Sanctuary