

# Assessment of Priority Species and Control Efforts



ECISMA Summit – 16 July 2018

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Wildlife Impact Management Section

Florida Fish and Wildlife Conservation Commission

# Nonnative Fish and Wildlife Program

- FWC EDRR Updates
- Management Projects
  - Argentine Black and White Tegu (All Partners)
  - Nile Monitor
- Outreach/Pet Amnesty
- FWC Contracted Research Projects





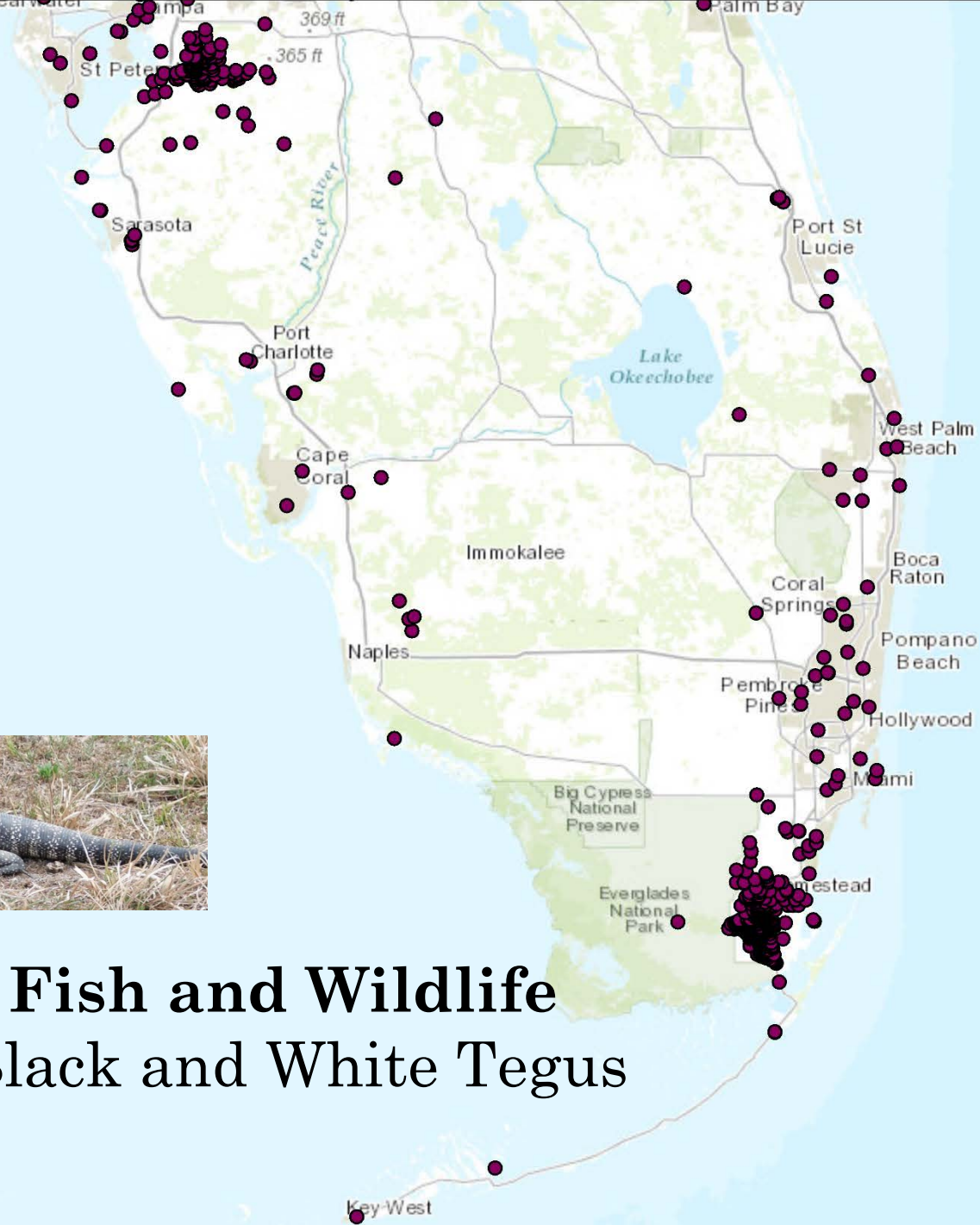






# Nonnative Fish and Wildlife

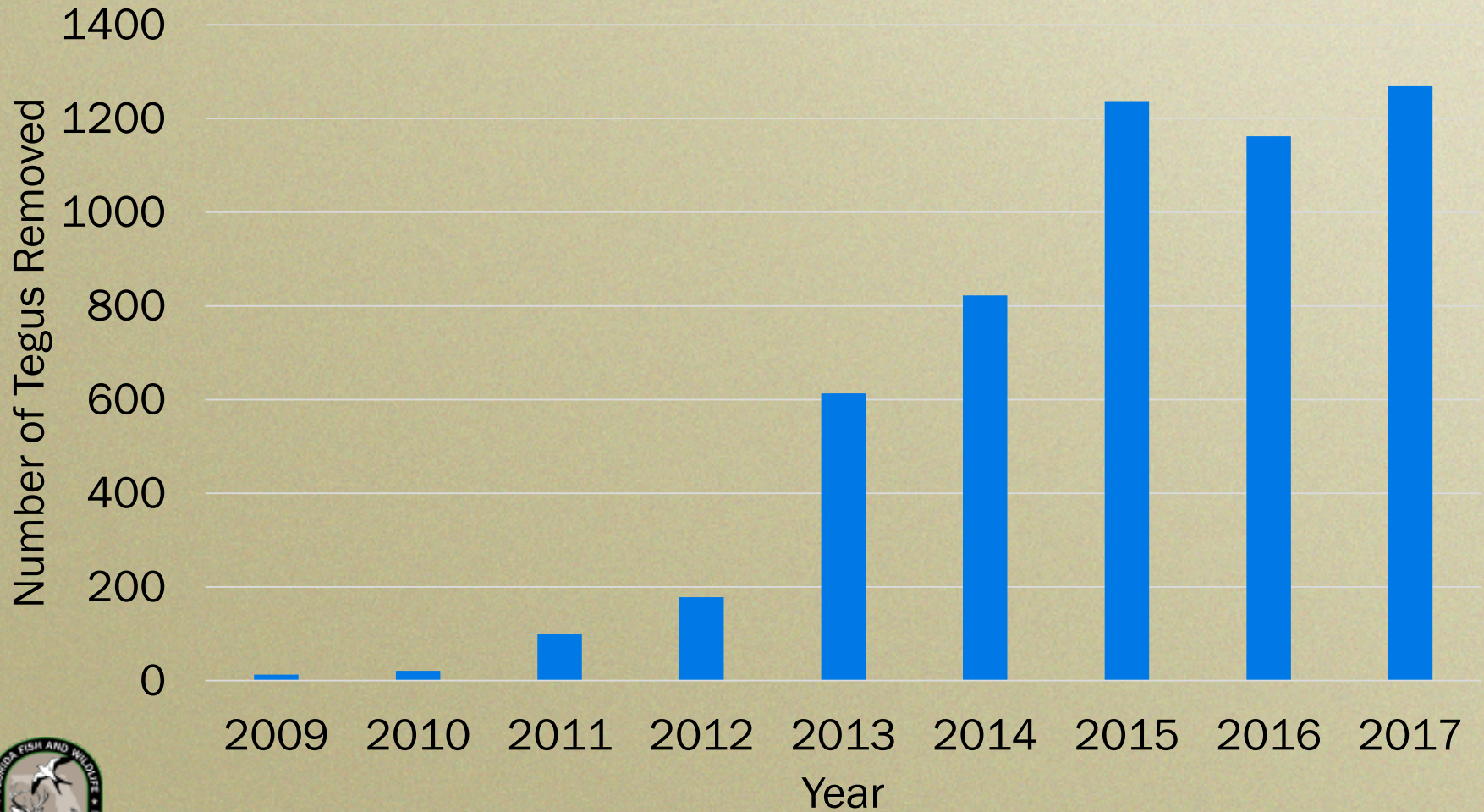
## Argentine Black and White Tegus



# Nonnative Fish and Wildlife

## Argentine Black and White Tegu

Tegus Removed by ECISMA Partners



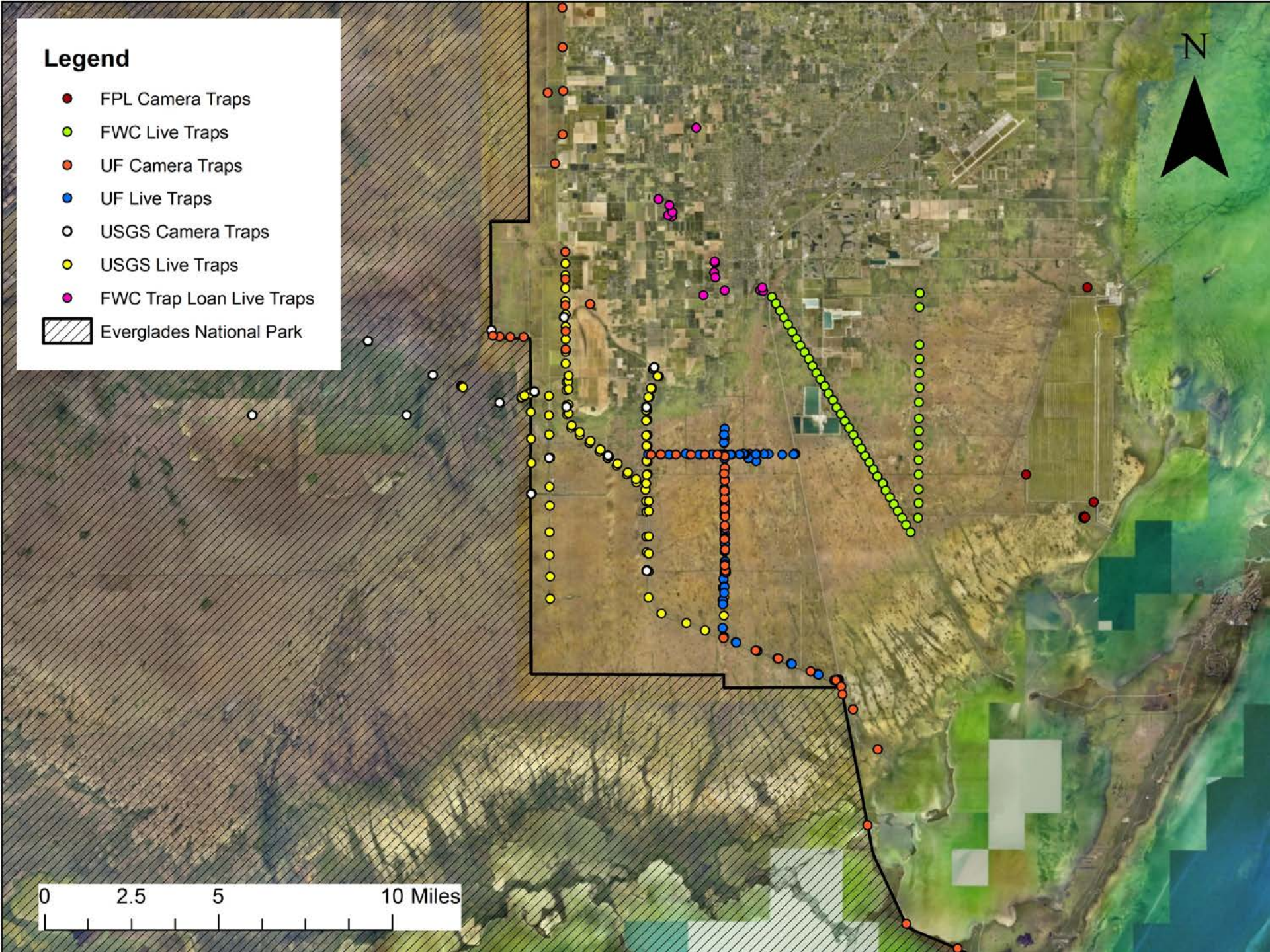
## Legend

- FPL Camera Traps
- FWC Live Traps
- UF Camera Traps
- UF Live Traps
- USGS Camera Traps
- USGS Live Traps
- FWC Trap Loan Live Traps

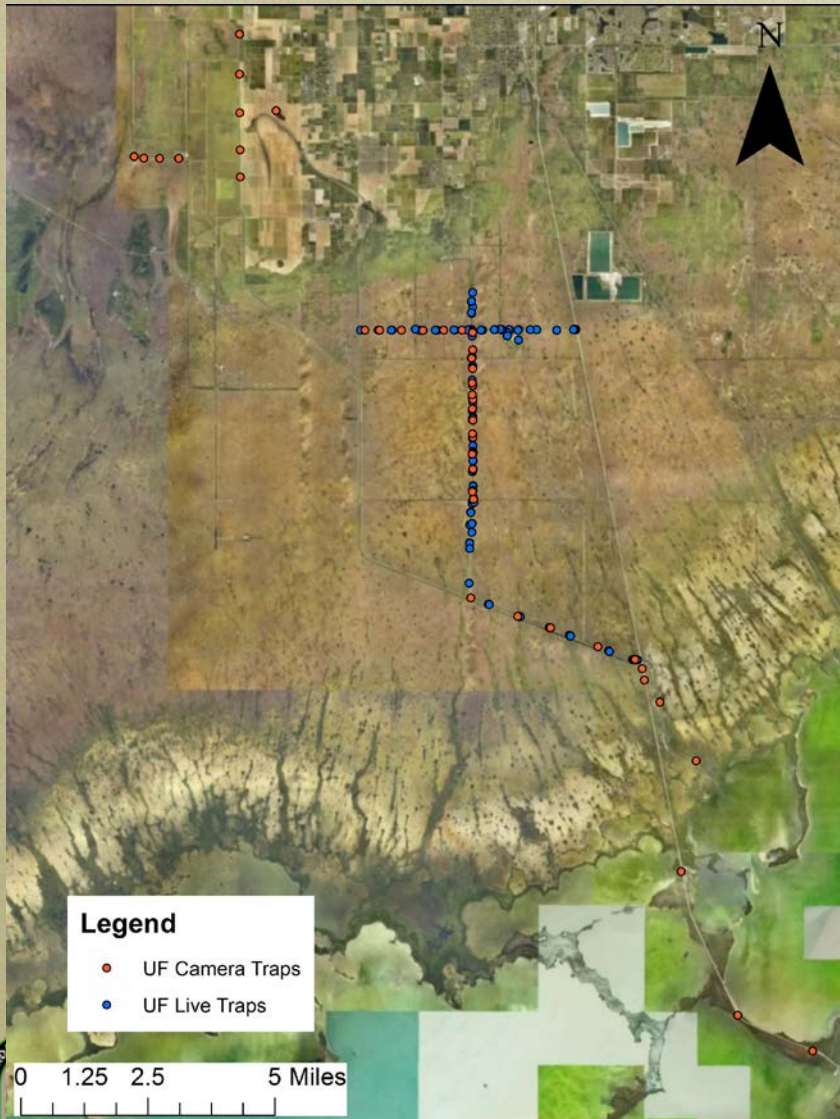
▨ Everglades National Park

0 2.5 5 10 Miles

N



# Nonnative Fish and Wildlife Argentine Black and White Tegus



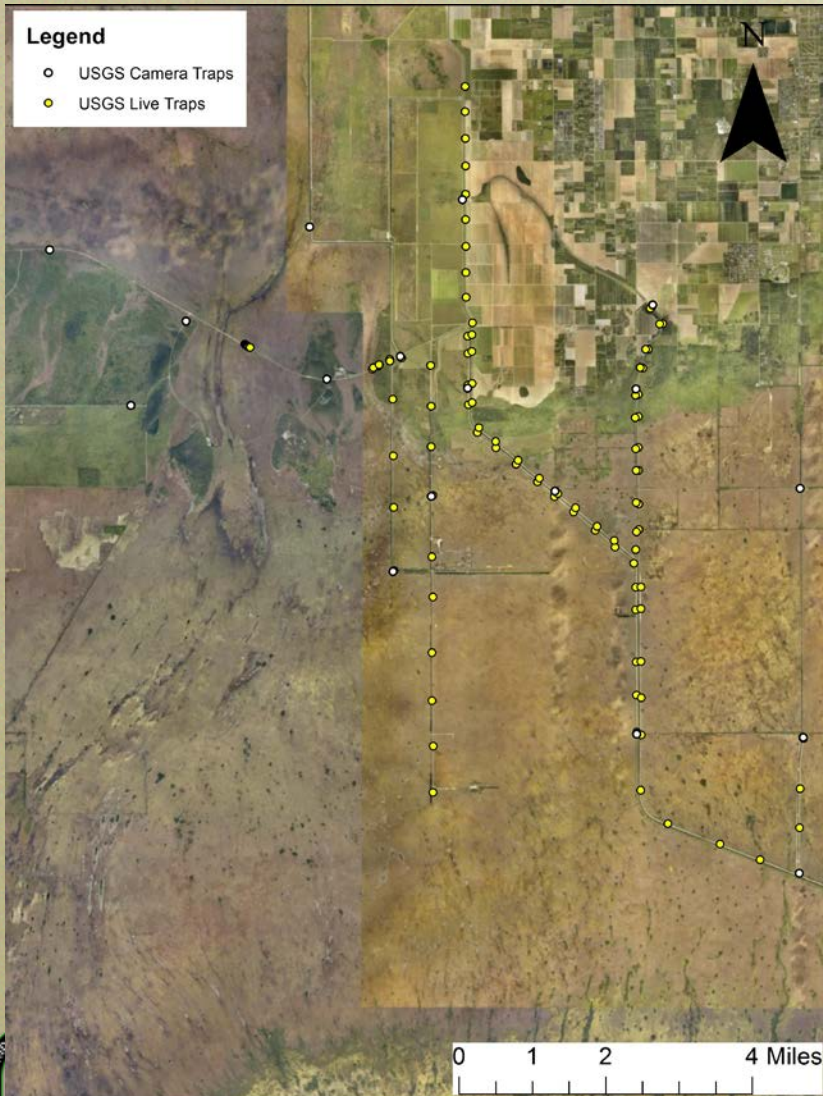
SVL (cm)	26.2
Sex Ratio (M:F)	1.35:1
Total Captured	195
Trap Days	16,951
CPUE	0.0115



Credit: University of Florida

# Nonnative Fish and Wildlife

## Argentine Black and White Tegus



SVL (cm)	27.6
Sex Ratio (M:F)	1.9:1
Total Captured	149
Trap Days	6,282.5
CPUE	0.0237



# Nonnative Fish and Wildlife

## Argentine Black and White Tegus

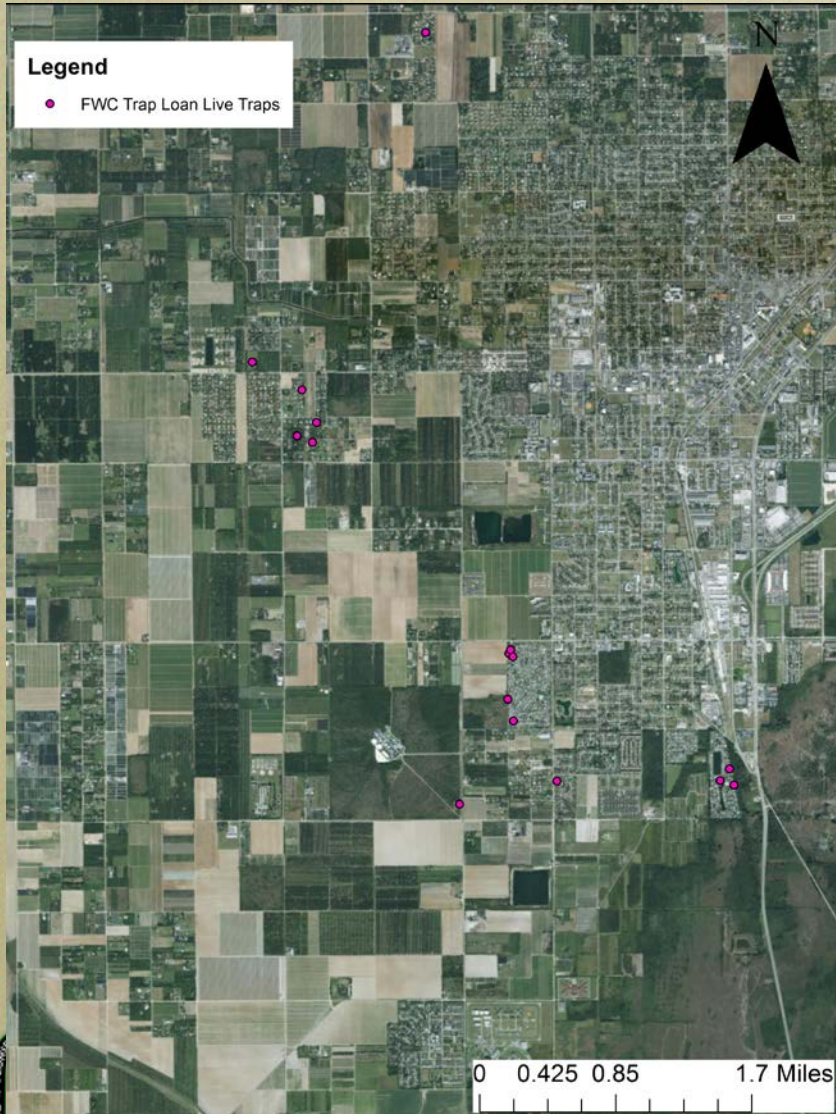


SVL (cm)	26.63
Sex Ratio (M:F)	1:1
Total Captured	64
Trap Days	2765
CPUE	0.023



# Nonnative Fish and Wildlife

## Argentine Black and White Tegus



SVL (cm)	31.94
Sex Ratio (M:F)	2.1:1
Total Captured	32
Trap Days	N/A
CPUE	N/A





# Nonnative Fish and Wildlife

## Nile Monitors

# Nonnative Fish and Wildlife

## Nile Monitors



# Nonnative Fish and Wildlife Nile Monitors

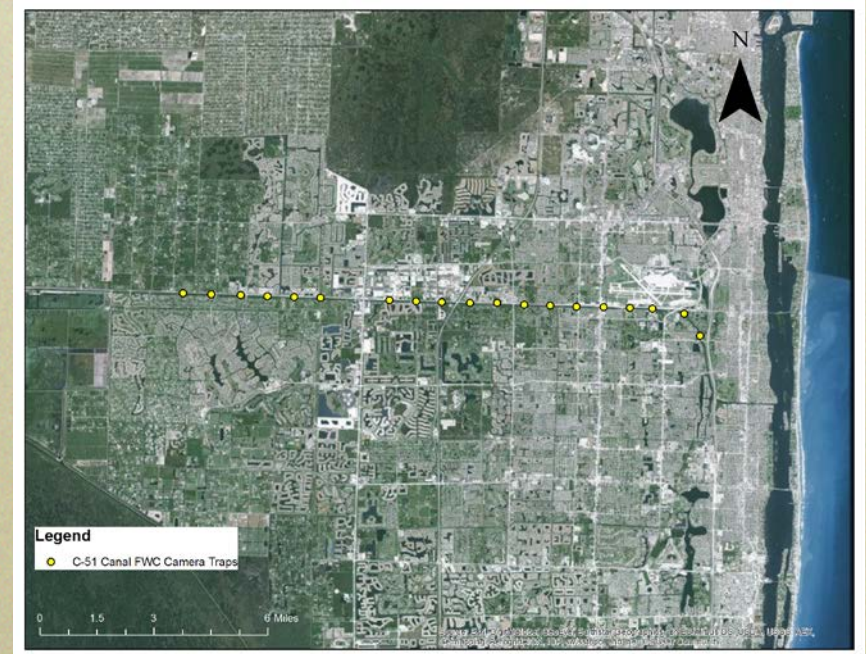
- Continuing live trapping
- Increased camera trapping
- Continuing shooting surveys



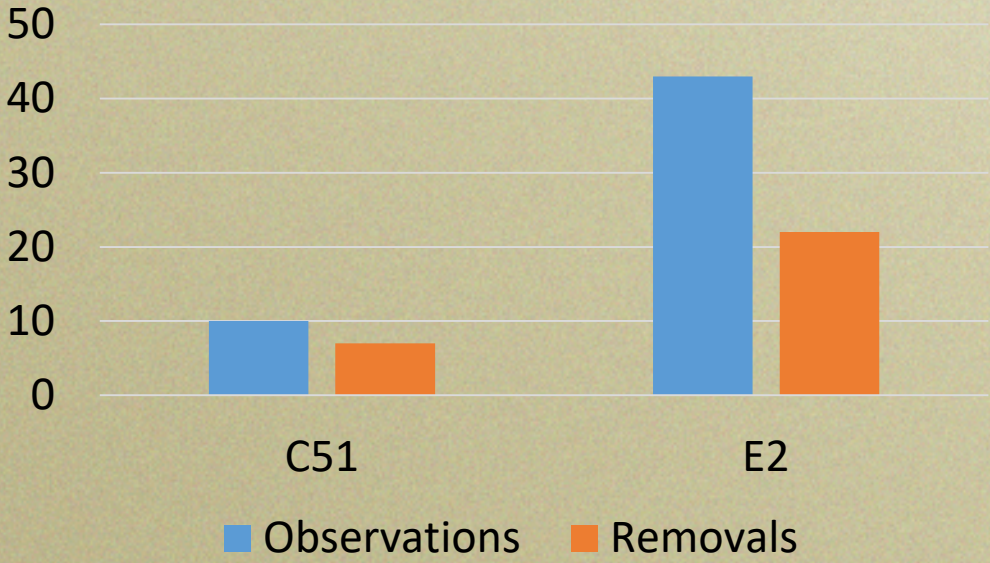
# Nonnative Fish and Wildlife

## Nile Monitors

- 15 monitor photos
- Identified 3-4 individuals
- One removed



# Nonnative Fish and Wildlife Nile Monitors



# Nonnative Fish and Wildlife Outreach Events (28)



## 2<sup>nd</sup> Annual Invasive Exotic Species Awareness Event



Saturday September 24 10:00 AM-2:00 PM  
Pet Supermarket in Coconut Creek  
4500 N State Rd 7, Coconut Creek FL 33073

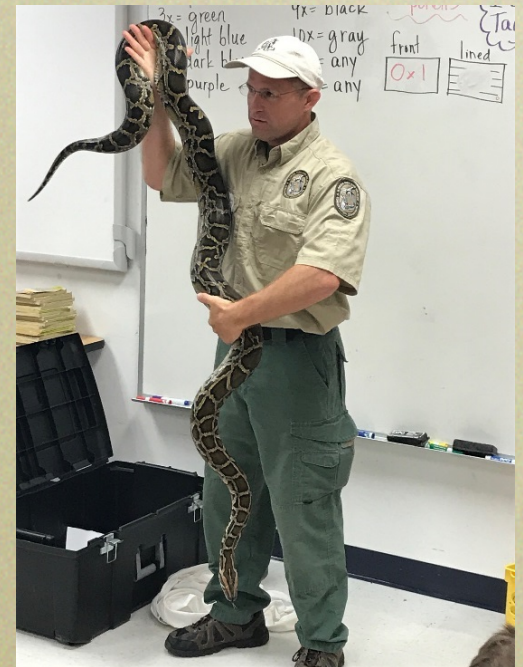
Come out and learn about invasive exotic species in south Florida.  
The event is open to the whole community!

- Several Information Booths
- Live Animals
- Fun Photo Booths
- Wildlife Experts
- Unwanted Exotic Pet Information on Adoption
- Don't let it Loose Information
- Pet Amnesty Information
- Apps for Downloading
- Kids Activities
- Give Away Prizes (while they last)







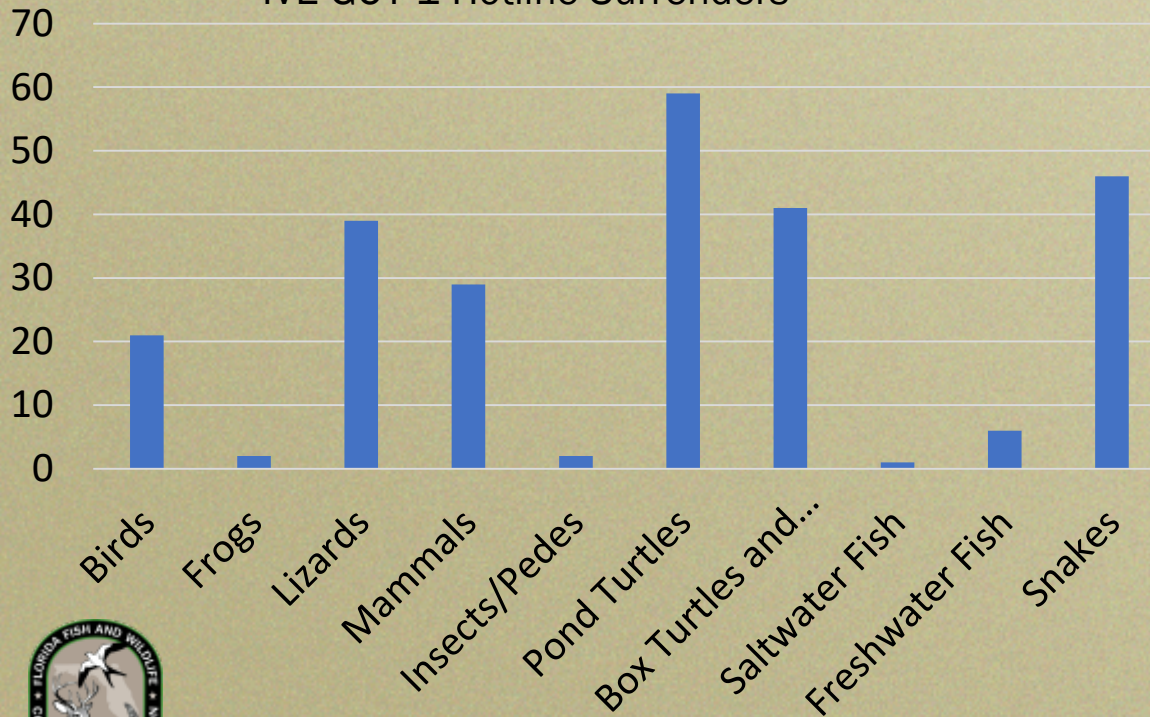
# Nonnative Fish and Wildlife Pet Amnesty

## Pet Amnesty Day Surrenders

- St. Pete = 25
- Poinciana = 18
- Gulfarium Marine Adv. Park = 21
- Naples Zoo = 29



## IVE-GOT-1 Hotline Surrenders



# FWC Research Contracts

- UCF Nile Monitor Modeling Project
- UF Caiman Project
- UF NAP Survey and Refugia Project
- UF Tegu Trapping and Telemetry Project
- UF Iguana Removal Project
- UF FWC Python Contractor Data Analysis Project
- UF Python eDNA Project
- JMU Python Pheromone Project



# Thank You



*Think locally. Act neighborly.*  
invasive species know no boundaries!



**FPL**

