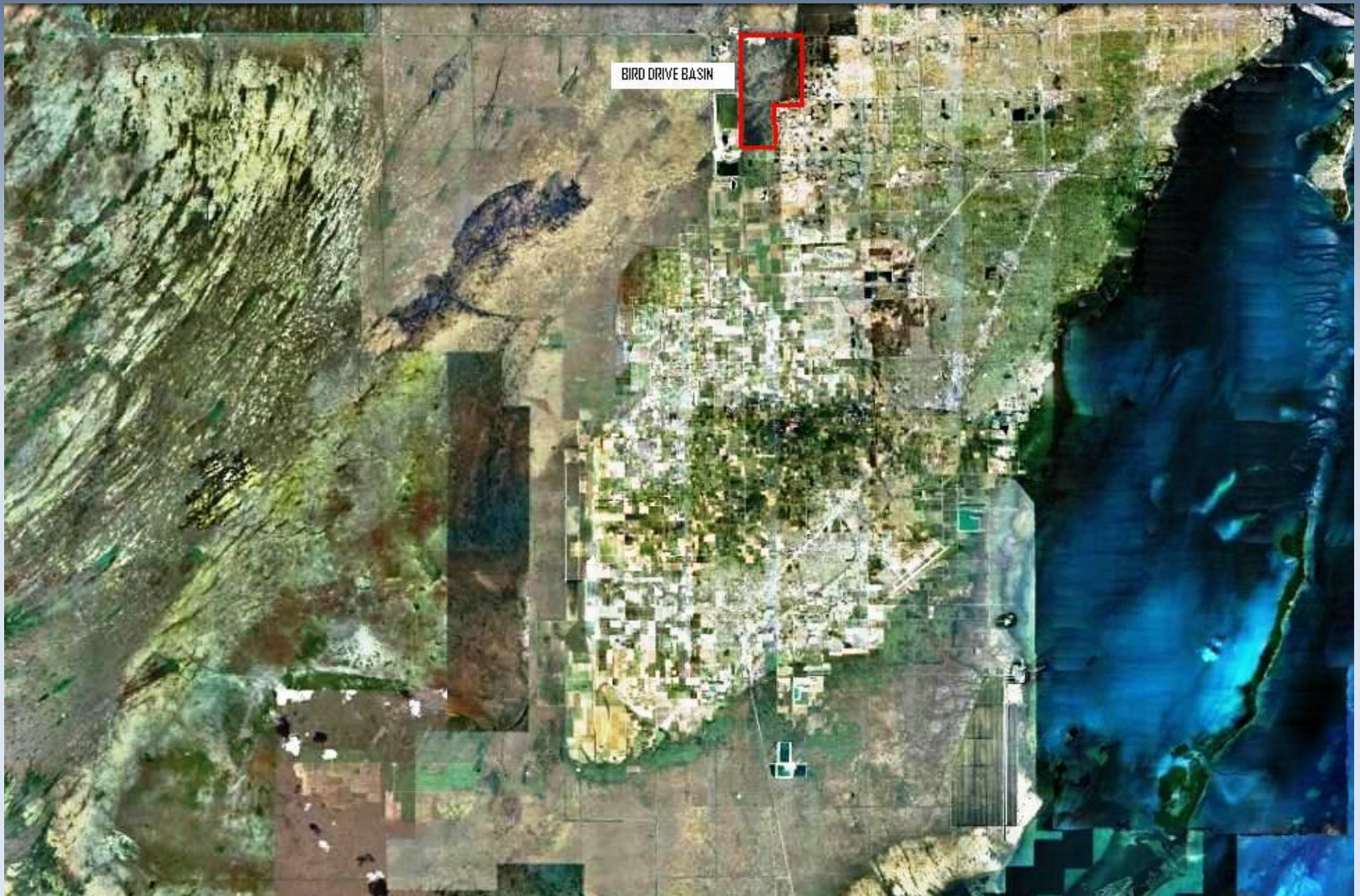


# Everglades CISMA Rapid Response to *Python sebae* in Miami-Dade County



# Miami-Dade South of US 41



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# Bird Drive Basin



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# Survey Planning Questions

1. Where to search?
2. How much to search?
3. When to search?
4. How to estimate how much search effort is needed?

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Bird Road Basin African Python Observations

Exotic Species Database

Fish and Wildlife Conservation Commission

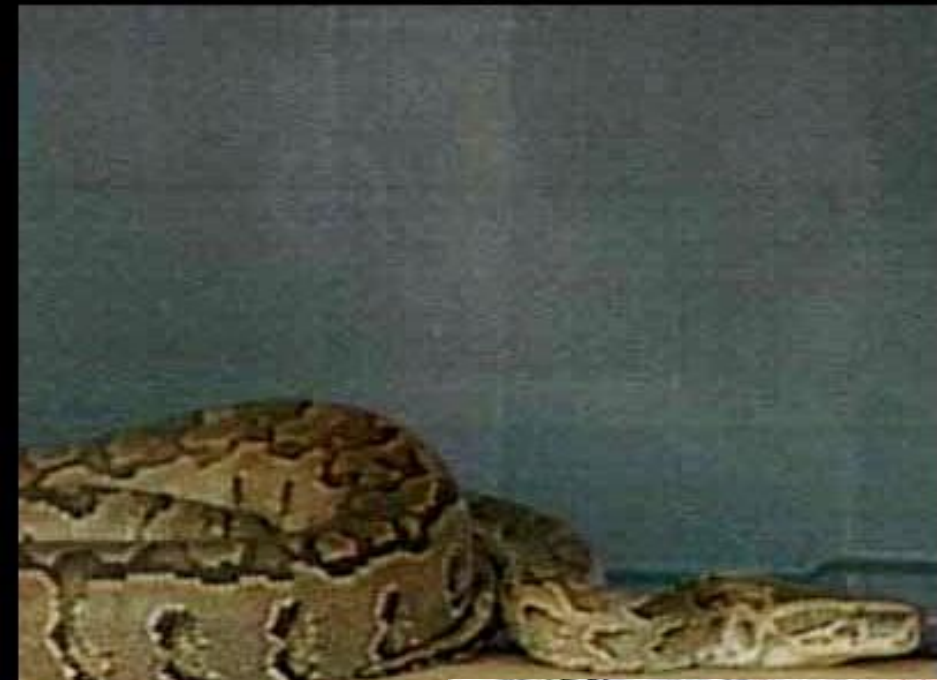
22-Dec-2009



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# The Objectives of the Python Surveys

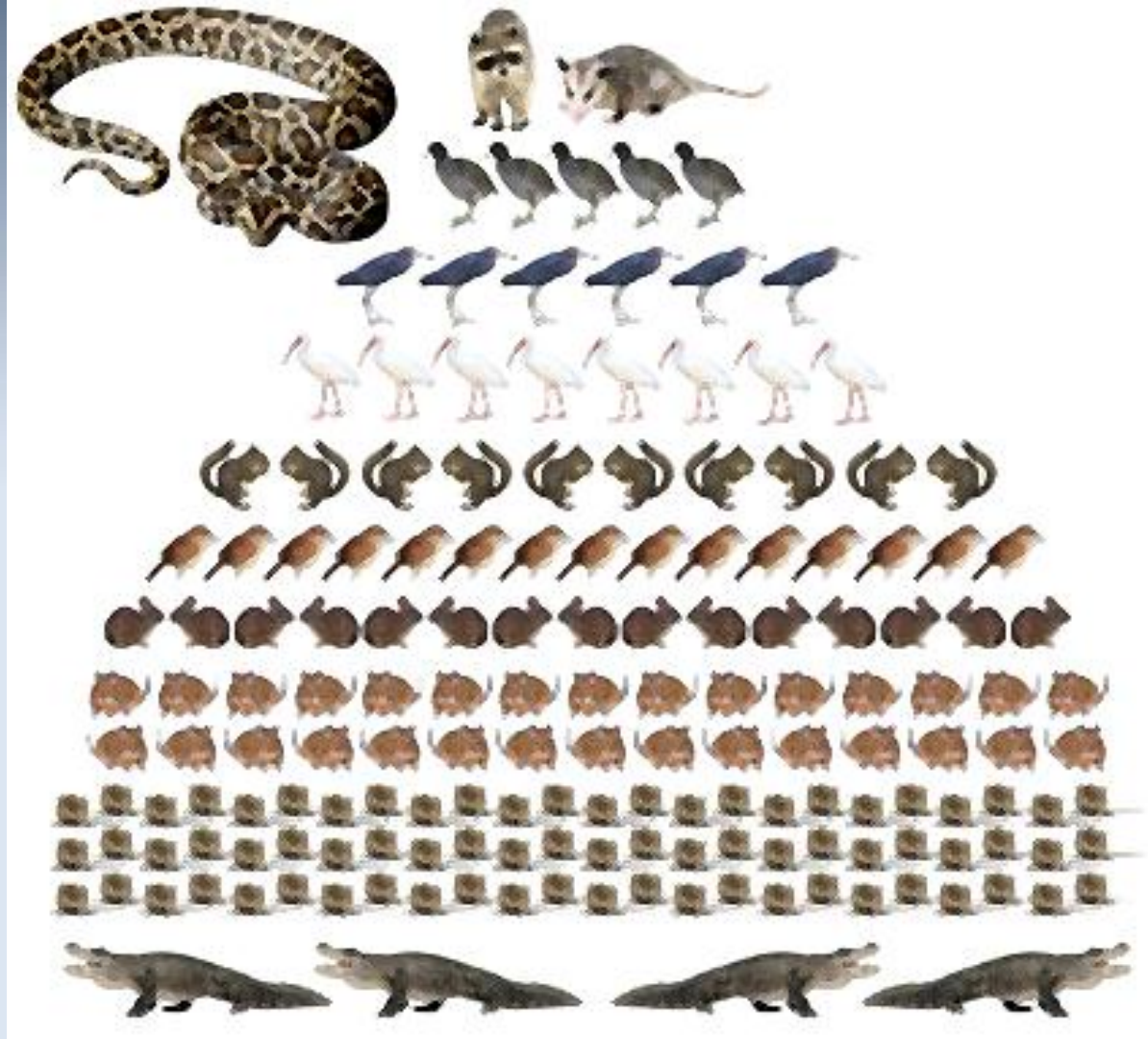
1. Verify the existence of a population of African Pythons in the Bird Drive Basin
2. Verify the presence of Burmese Pythons in the Bird Drive Basin
3. Verify the spread of African Pythons beyond the boundaries of the Bird Drive Basin



Hard Evidence of *Python sebae* to 12/09



# The Building Blocks of a Python



# Miccosukee Resort and Gaming January 12, 2010



© 2010 Google

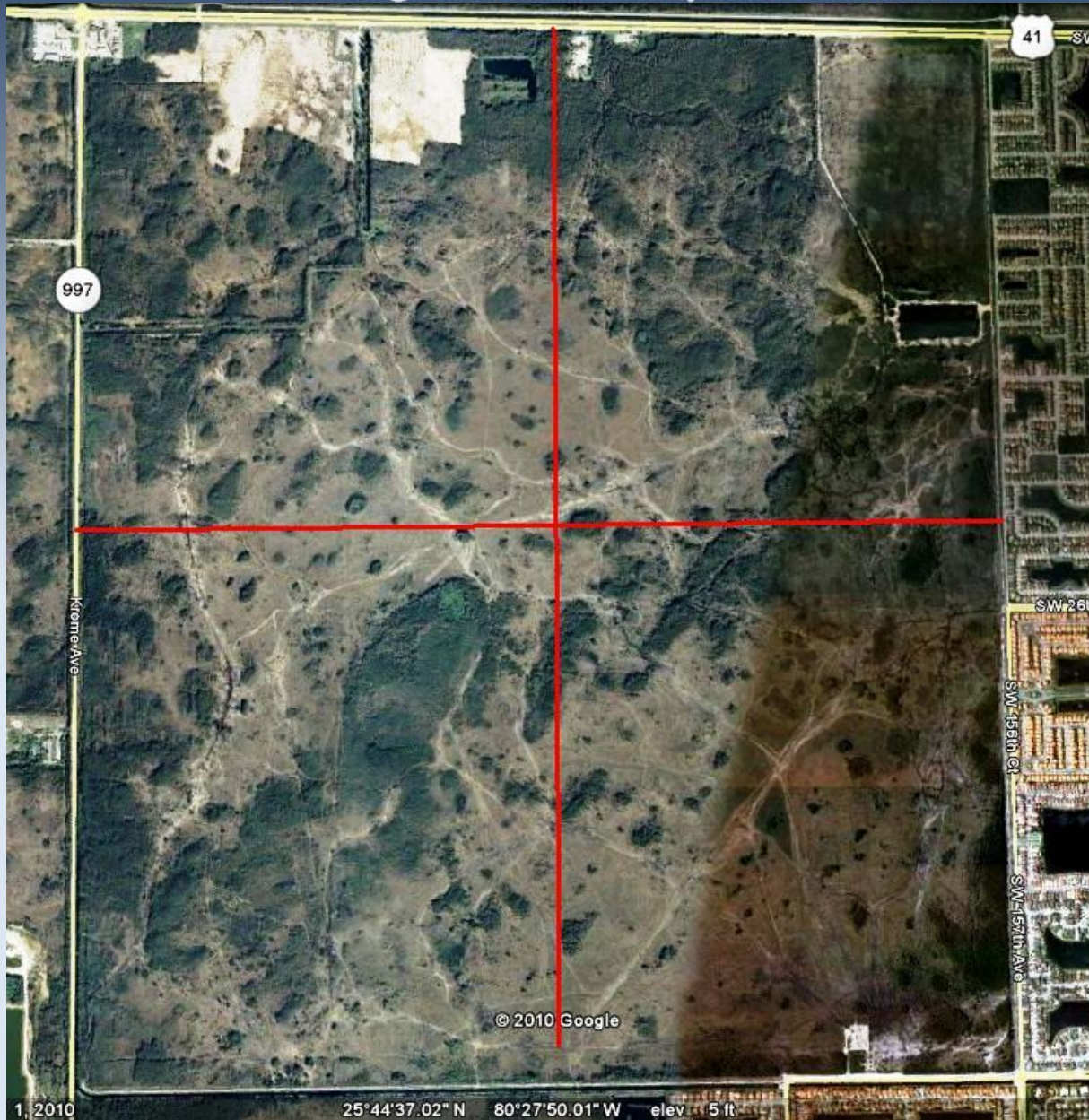
2009

Imagery Date: Mar 5, 2009

25°45'49.64" N 80°29'04.03" W elev 8 ft

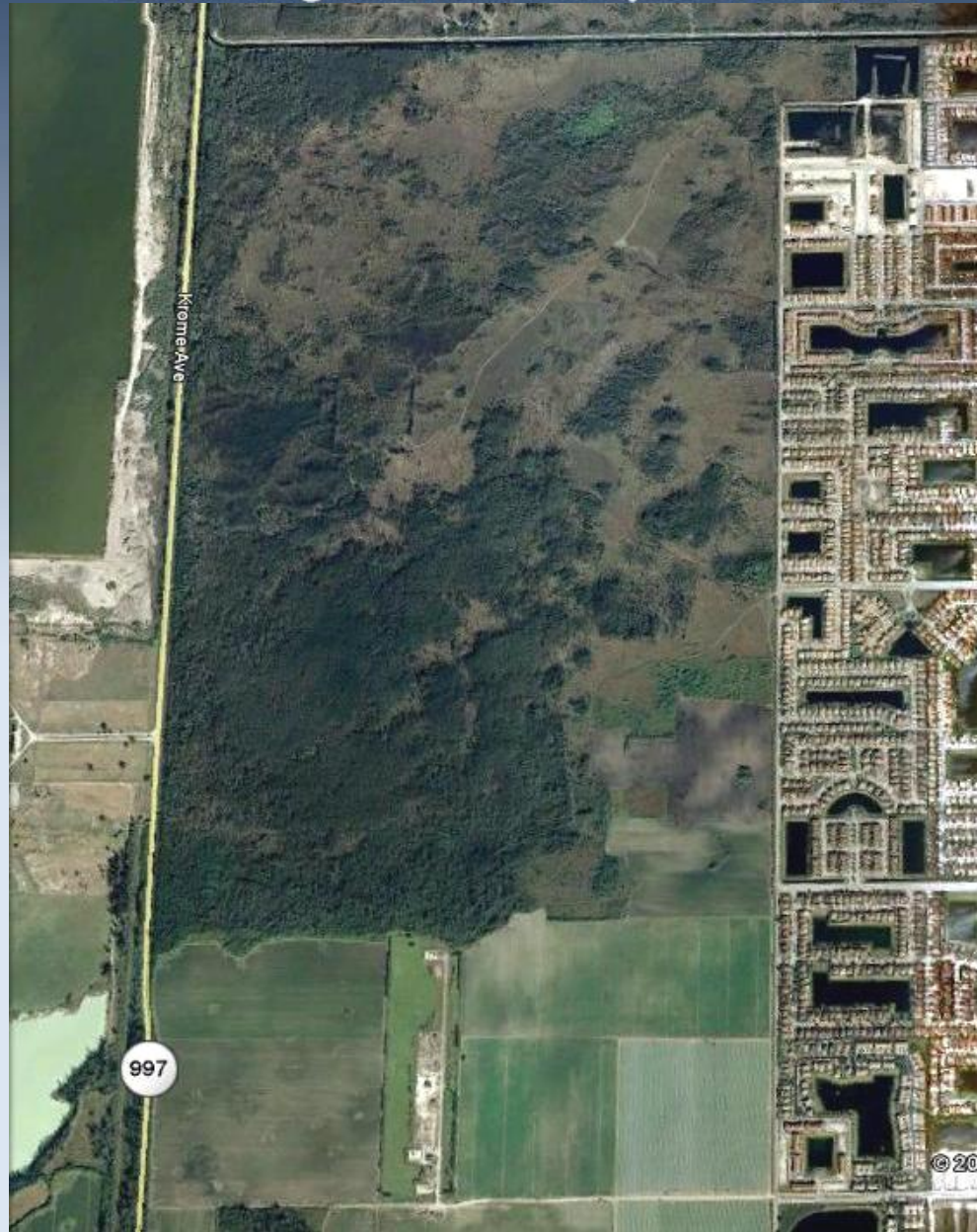
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*Python sebae* Road Survey Satellite Map 1



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## *Python sebae* Road Survey Satellite Map 2



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# Day 1



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# East Lake



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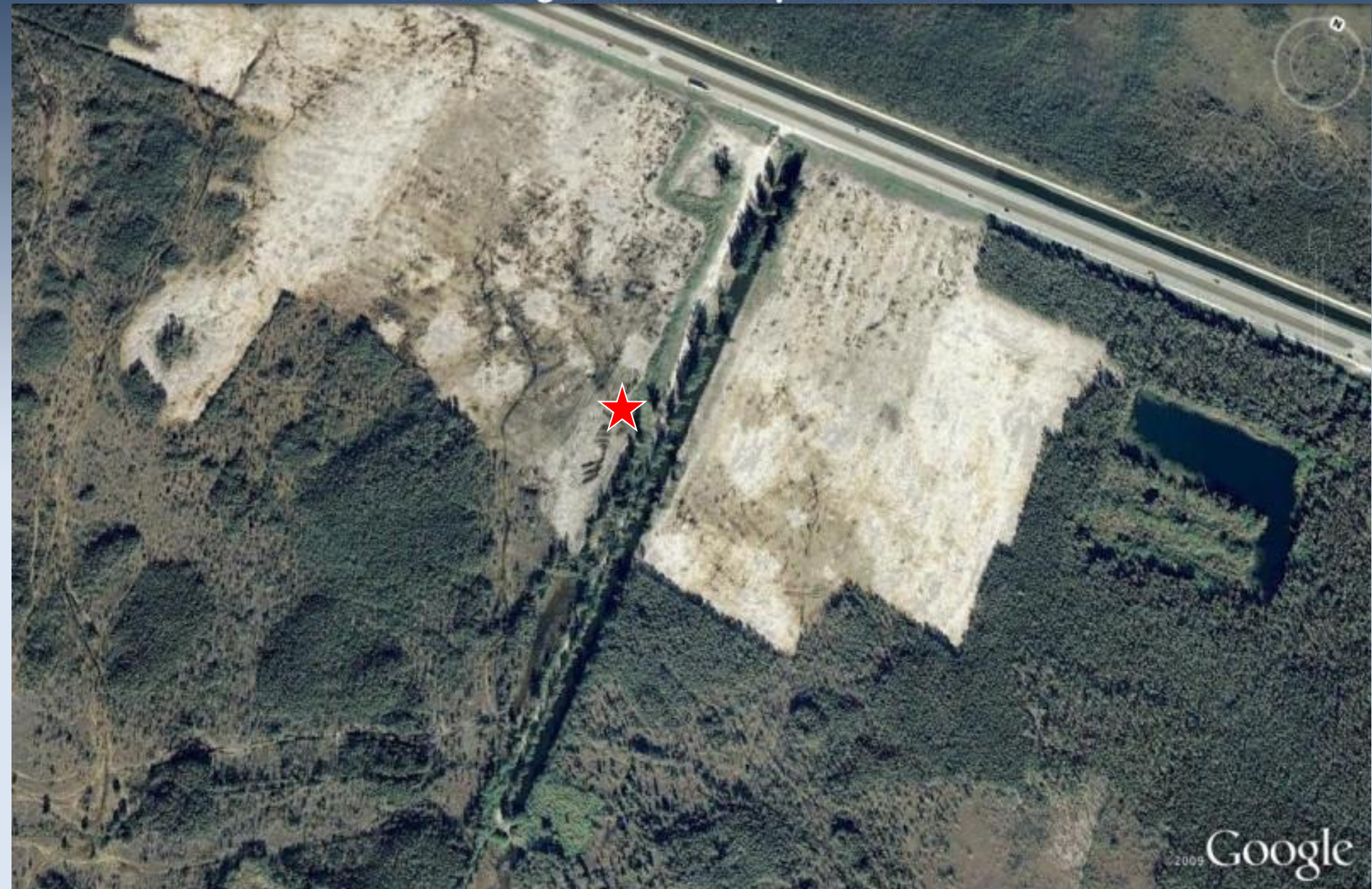


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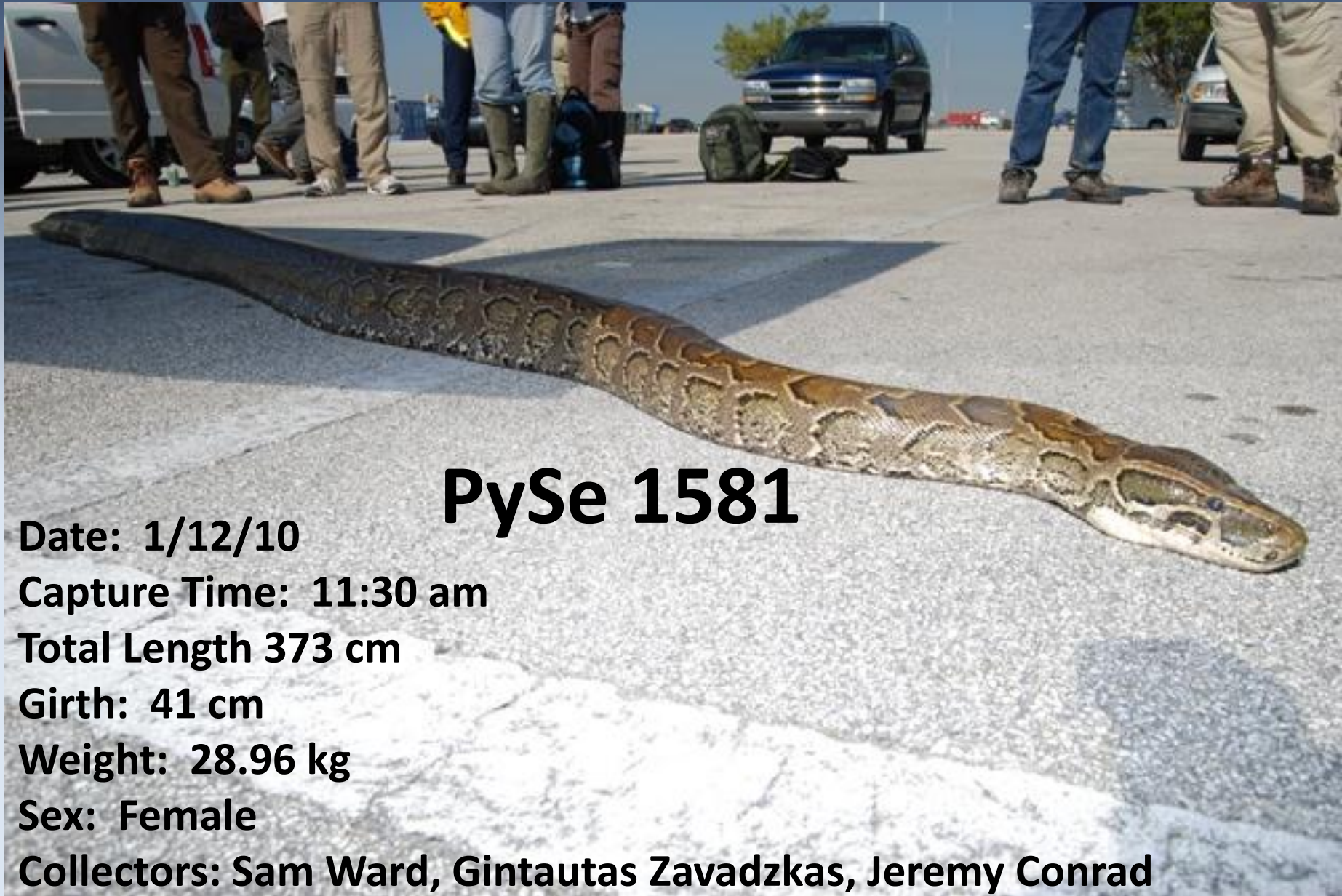


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# PySe 1581

**Date: 1/12/10**

**Capture Time: 11:30 am**

**Total Length 373 cm**

**Girth: 41 cm**

**Weight: 28.96 kg**

**Sex: Female**

**Collectors: Sam Ward, Gintautas Zavadzkas, Jeremy Conrad**

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# EVERGLADES CISMA

# Miccosukee Arches Canal North



Imagery Date: Mar. 5, 2009

25:45:35.88°N 80:28:16.52°W elev: 4 ft

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# Miccosukee Arches Canal South





# PySe 1579

Date: 1/12/10

Capture Time: 2:28 pm

Total Length: 440 cm

Girth: 59 cm

Weight: 62.96 kg

Sex: Male

Collectors:

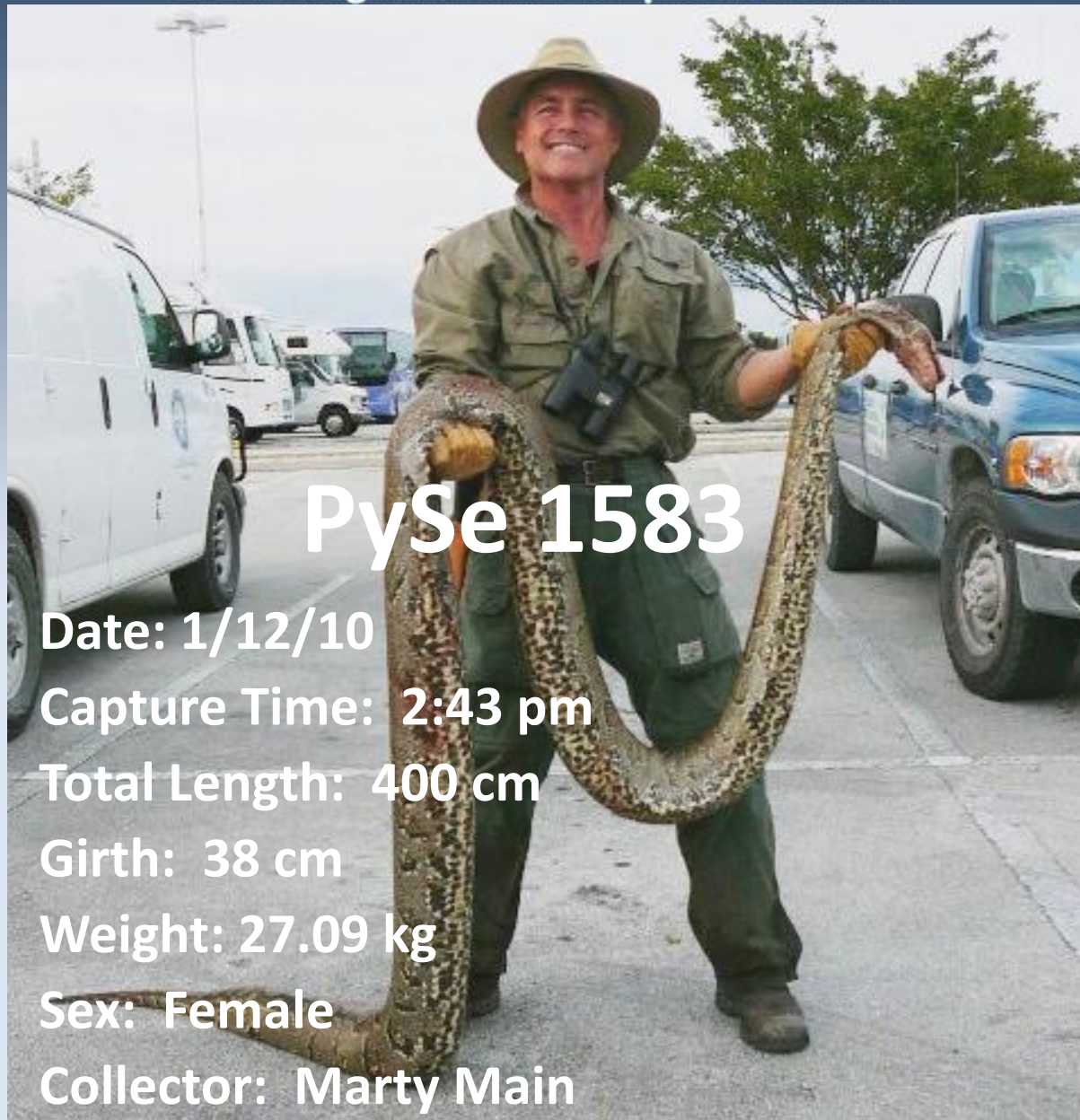
Jane Dozier,

Dallas Hazelton,

Jose Prieto

# Lake Sebae





**PySe 1583**

**Date: 1/12/10**

**Capture Time: 2:43 pm**

**Total Length: 400 cm**

**Girth: 38 cm**

**Weight: 27.09 kg**

**Sex: Female**

**Collector: Marty Main**

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# Day 2



# Southwest Corner Main Unit



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**EVERGLADES CISMA**

# PyMo 1587

Date: 1/13/10

Capture Time: 1:39 pm

Total Length: 313 cm

Girth: 32 cm

Weight: 16.69 kg

Sex: Female

Collectors: Tony Pernas, Marty Kuck

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2010 Everglades Invasive Species Summit  
**Pensuco Wetlands**

**Day 3**



Imagery Dates: Mar 5, 2009 - Apr 1, 2010

25°46'22.80" N 80°26'42.89" W elev 3 ft

Google

Eye alt: 15038 ft

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# PySe 1591

1/14/10

Capture Time: 1:30 pm

Total Length: 376 cm

Girth: 45 cm

Weight: 32.92 kg

Sex: Male

Collectors: Tony Pernas, Marty Kuck, Bobby Hill

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# PySe 1590

Date: 1/14/10

Capture Time: 1/14/10

Total Length: 297 cm

Girth: 31 cm

Weight: 14.76 cm

Sex: Female

Collectors: Scott Goetz, Bob Reed, Christina Romagosa,  
Stewart Krantz

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# Three Day Exotic Snake Total

- Three Female African Pythons
- Two Male African Pythons
- One Female Burmese Python
- One Red Tail Boa

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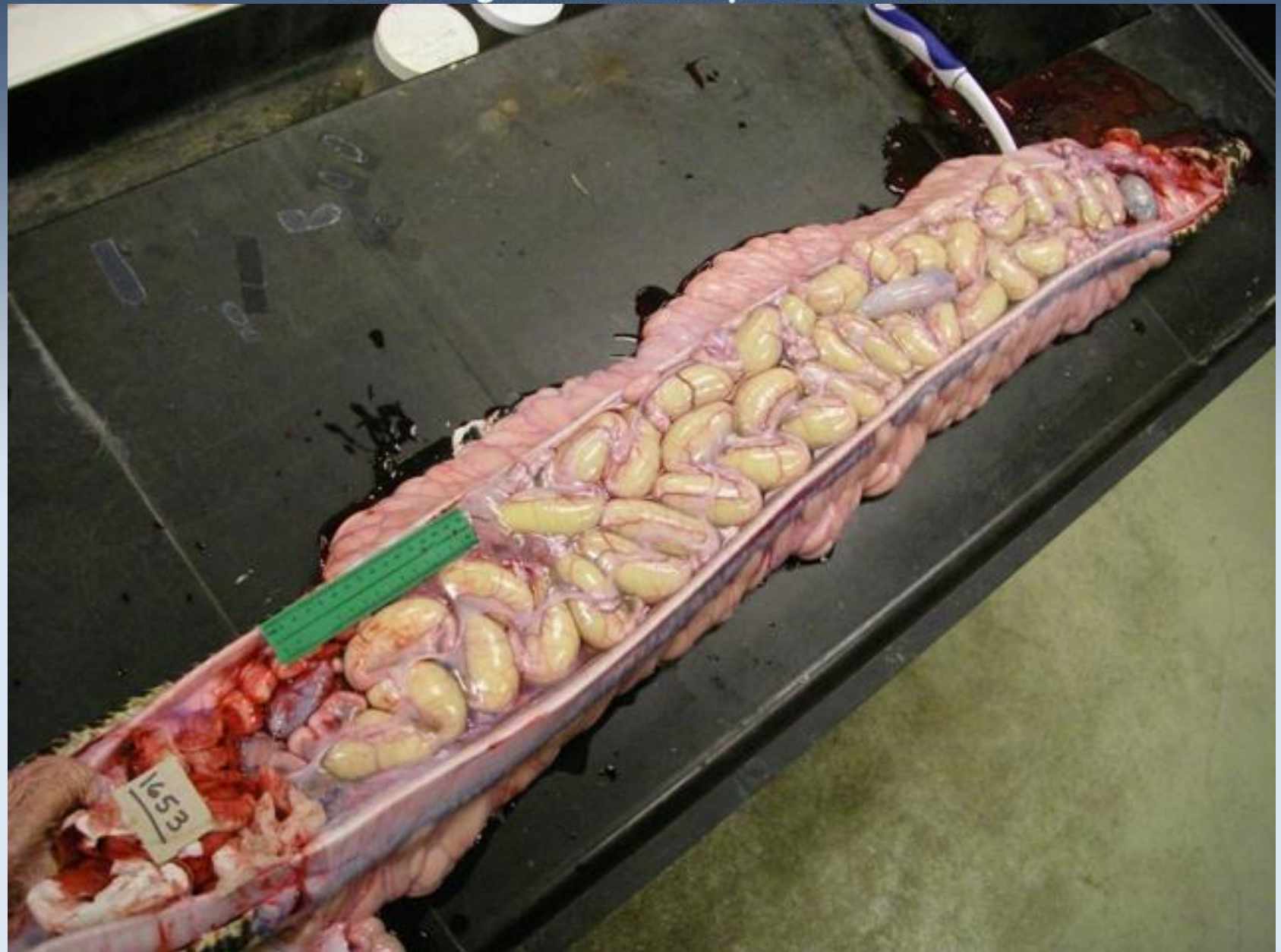
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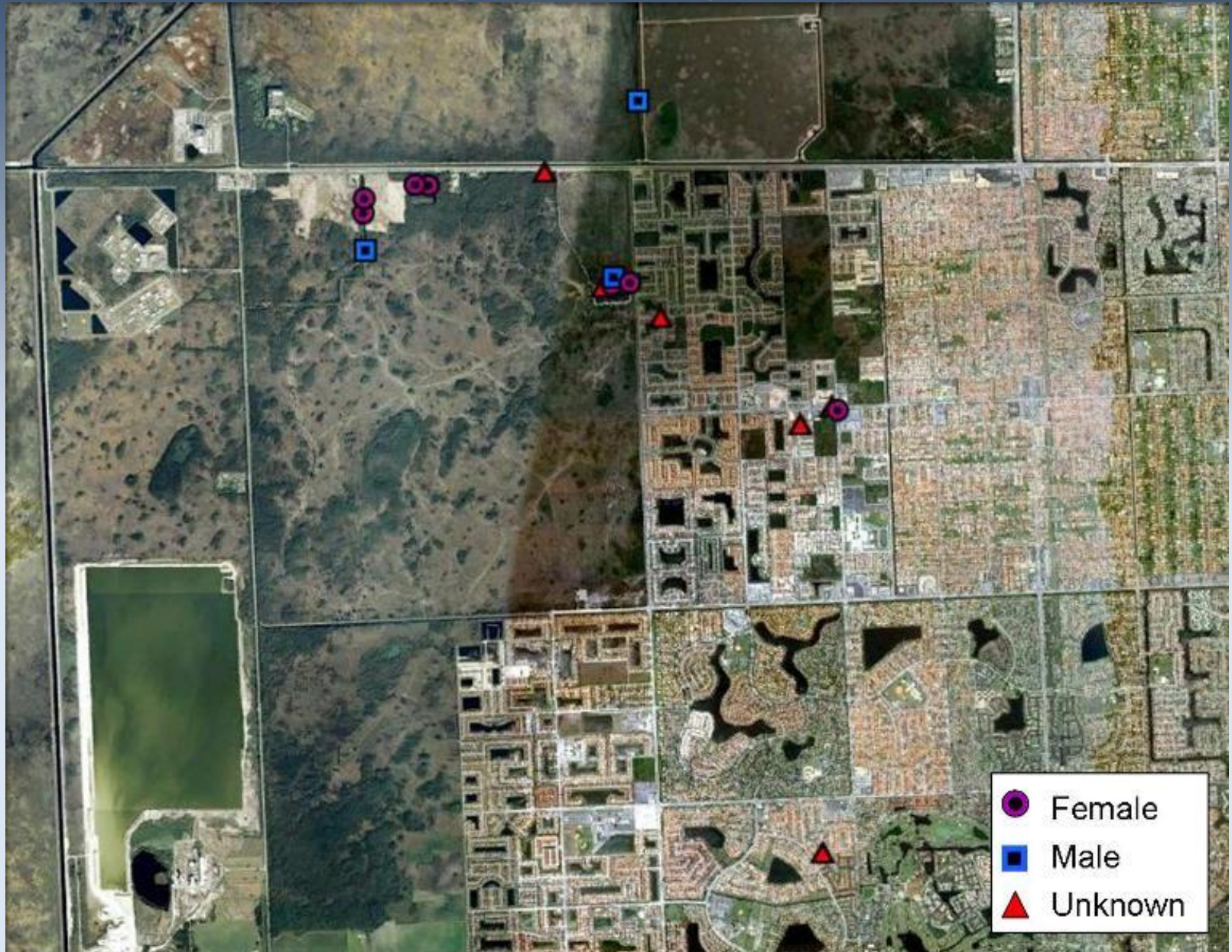
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# Is Eradication Possible?



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# Thank You

- **Rory Feeney and the Miccosukee Tribe of Indians of Florida**
- **Tony Pernas, NPS**
- **Skip Snow, NPS**
- **Bob Reed, USGS**
- **Gordon Rodda, USGS**
- **Ron Rozar, USGS**
- **Scott Goetz, USGS**
- **Dallas Hazelton, Miami Dade County**
- **Christina Romagosa, Auburn University**
- **All the Volunteer Surveyors**