

Caiman & Chameleon Update

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EVERGLADES CISMA

Oustalet's Chameleon (*Furcifer oustaleti*)

- Everglades Invasive Reptile & Amphibian Monitoring Project
 - UF, SFWMD, FWC
- 15 Surveys from 01 August 2012 to 19 July 2013
 - Standard, Random, and Opportunistic
- 173 *F. oustaleti* observed (171 removed)



Photo Credit: Joe Wasilewski



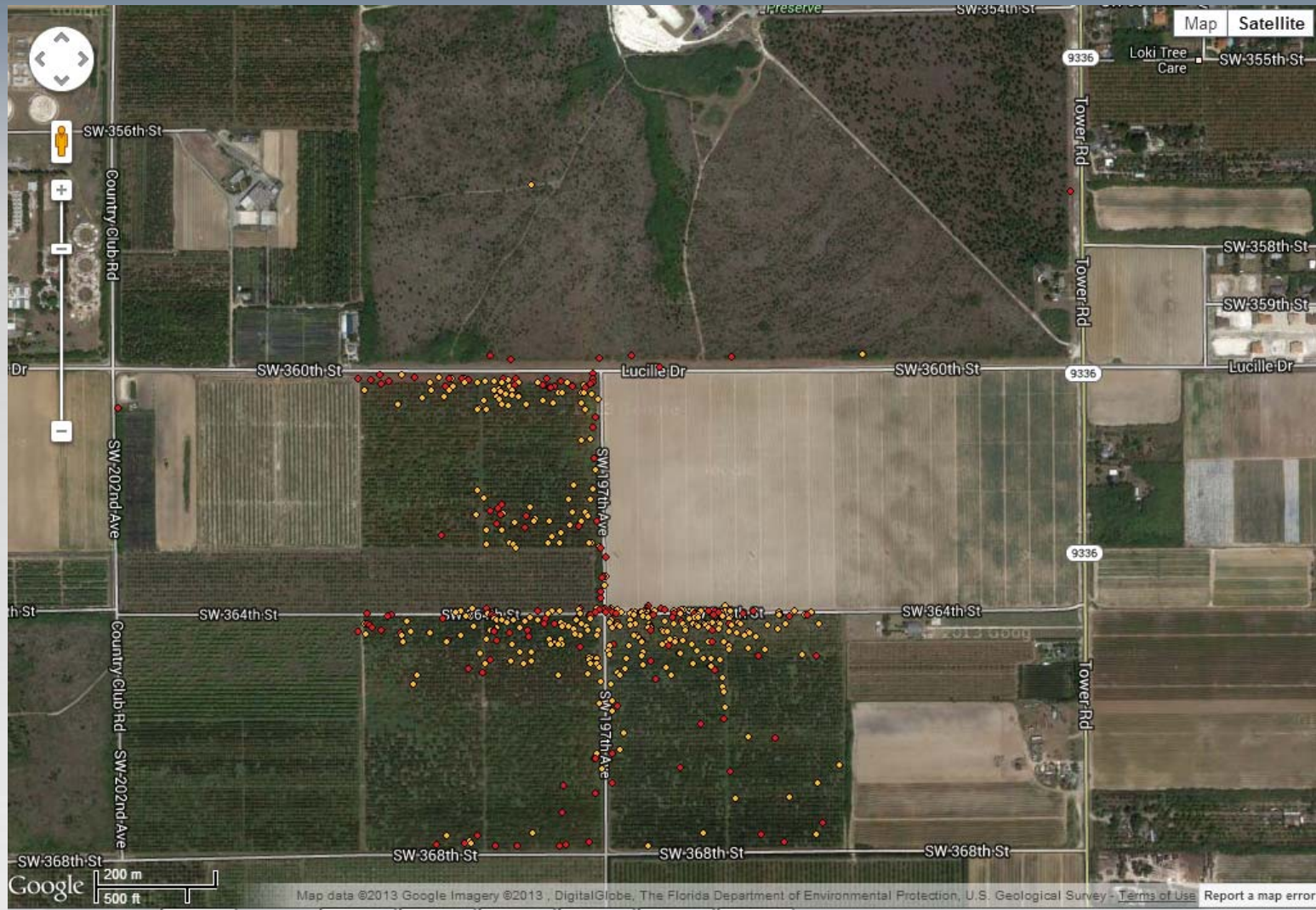
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Oustalet's Chameleon

Red Dot = Adult

Yellow Dot = Juvenile

(*Furcifer oustaleti*)

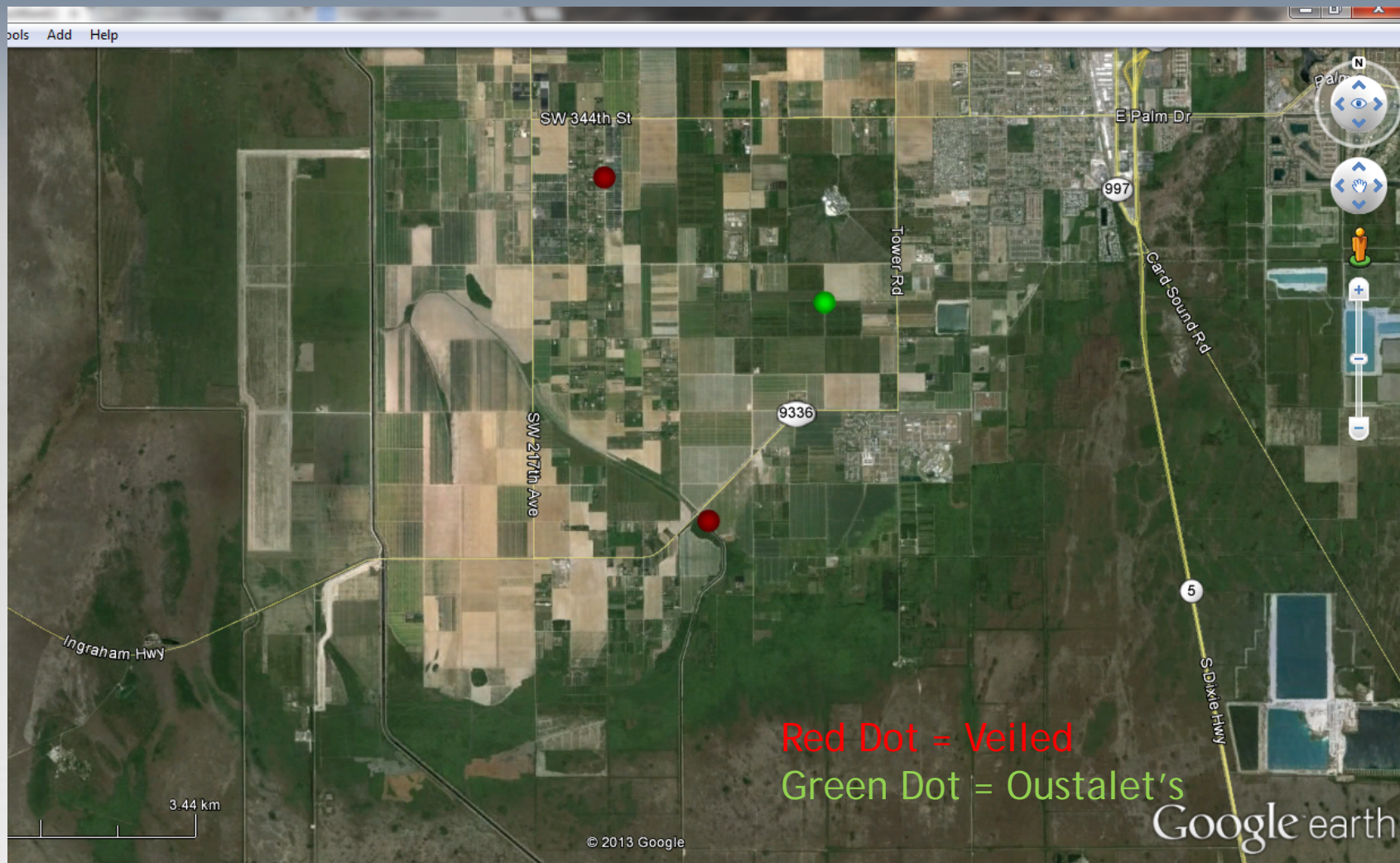


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Oustalet's Chameleon (*Furcifer oustaleti*)

- Reproduction
 - First Nest (telemetry)
 - 784 eggs from 18 clutches ($x = 41.7$ (32-62))

Veiled Chameleon (*Chamaeleo calyptratus*)



Veiled Chameleon (*Chamaeleo calyptratus*)

- 39 found (34 removed) during EIRAMP surveys
 - 9 from northern locale, 30 from southern locale
- 25 removed by independent reporters



Panther Chameleon (*Furcifer pardalis*)

- 2 known specimens, 2 unconfirmed reports
 - EDDMapS (Pat Howell, Broward County)
 - EIRAMP: Rapid Response (UF, FWC)
 - Neighbor



Chameleons: Issues

- Seeding
 - Where?
 - What species?
- Spreading (naturally)



Photo Credit: Joe Wasilewski



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Red Dot = Veiled Chameleon
Green Dot = Oustalet's Chameleon
Purple Dot = Panther Chameleon
? = Rumored Locations



Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat

Google earth

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Spectacled Caiman (*Caiman crocodilus*)

- EIRAMP
 - Opportunistic Surveys
 - Rapid Response
- 37 Removed
- Stomach contents:
 - One caiman
 - Snake (*Nerodia floridana*)
 - Bird (Grebe?)
 - Fish (unidentified)



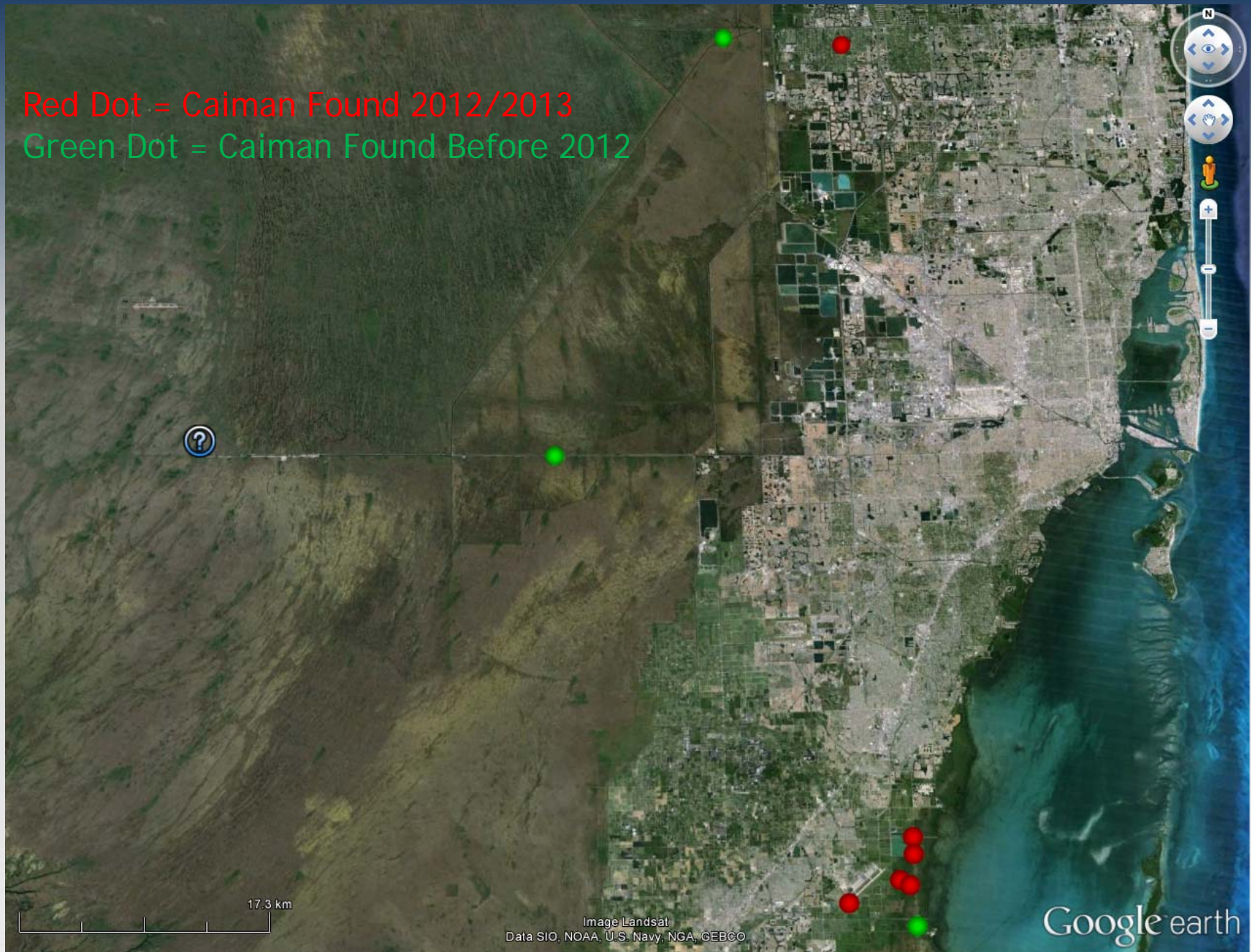


Red Dot = Caiman Capture Location

Google earth

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Red Dot = Caiman Found 2012/2013
Green Dot = Caiman Found Before 2012



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Caiman: Issues

- Distribution
- Impact?
 - Now/Past
 - Restoration Plans

Acknowledgments

- Florida Fish and Wildlife Conservation Commission
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- Zoo Miami
- Chameleon Volunteers
- University of Florida Staff
- Everglades CISMA