

Program Name: Invasive Species Population Management
Project Name: **Population suppression and biology of Black spiny-tailed Iguanas *Ctenosaura similis***
Project ID: 2701
Lead Agency: USDA APHIS

Strategy and Biennial Report Objective Addressed: 2-B.3
Invasive Species Strategic Action Framework Goal: 3

Measurable Output(s): (1) Animals removed and (2) population trend.

Project Synopsis: *Ctenosaura similis* was introduced to Florida in 1979. Currently, there are populations in south Florida and the Keys. The largest population, on Gasparilla Island in SW Florida, has been controlled since 2008 resulting in removal of >20,000 animals using methods applicable to other populations. Information obtained from specimens is summarized for 2008-2011 (Avery et al. 2014). Biology and control of invasive black spiny-tailed iguanas, *Ctenosaura similis*, Gasparilla Island, Florida. Integrative Zoology. In press). Analysis of food habits derived from stomach contents is in preparation.

Current Status: Ctenosaurs continue to be removed from Gasparilla Island (Charlotte County) by USDA Wildlife Services personnel. Necropsies are being performed to document additional aspects of the biology of the invasive population.

The results from Gasparilla Island operational control were published: Avery, M.L., E.A. Tillman, C. Spurfeld, R.M. Engeman, K.P. Maciejewski, J.D. Brown, and E.A. Fetzer. 2014. [Invasive black spiny-tailed iguanas \(*Ctenosaura similis*\) on Gasparilla Island, Florida, USA](#). Integrative Zoology 9:590-597.

USDA Wildlife Services continues to remove ctenosaurs in Charlotte County through an agreement with the county. Publication of food habits analysis is in preparation.

Project Schedule:

Start Date: 2014
Finish Date: 2016

Detailed Project Budget Information

	2014	2015	2016	2017	2018	Balance to Complete	Total
Federal	\$12,000	\$8,500	\$5,000			\$14,000	\$26,000
SFWMD**							
Local							
Total	\$12,000	\$8,500	\$5,000			\$14,000	\$26,000

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