

Program Name: Invasive Species Population Management
Project Name: Genetic analyses of invasive reptiles in Florida
Project ID: 2816
Lead Agency: UF Museum of Natural History

Strategy and Biennial Report Objective Addressed: 2-B.4
Invasive Species Strategic Action Framework Goal: 4

Project Synopsis: Few studies have performed some degree of molecular comparisons of species from their native range to introduced Florida populations. A major impediment has been the lack of data availability for native range populations for comparisons. Molecular data from recent phylogenetic studies from native populations are now available for certain taxonomic groups, including *Ctenosaura similis* and *Agama agama* complex. In this study, molecular data are examined to determine the native geographic origins of Florida populations of *C. similis* and *Agama a. africana*. Additionally, molecular data are examined to determine species identity of skin, skeletal, and egg samples from unknown giant constrictor species.

Current Status: Genetic sequencing of *Agama* (15 specimens), *Ctenosaura* (22 specimens) and *Python sebae* (21 specimens) are ongoing.

Project Schedule:

Start Date: 2014
 Finish Date: 2015

Detailed Project Budget Information

	2014	2015	2016	2017	2018	Balance to Complete	Total
Federal	\$9,500	\$8,500				\$8,500	\$18,000
SFWMD**							
Local							
Total							

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