

Project Name: Lygodium Biological Control Agents
Project ID: 2603
Lead Agency: U.S. Department of Agriculture – Agricultural Research Service
Authority: ARS

Strategic Plan Goal(s) Addressed: Primary: 2.B.1

Measurable Output(s): Number Biological Control Agents Developed and Released Against Melaleuca

Project Synopsis. Biological control agents have the potential of providing greater efficiency and improved economy. Ultimately, they may prove to be the only truly effective large-scale means of reversing and halting the effects of *Lygodium microphyllum* (Old World climbing fern) on the South Florida habitat. Thus far three agents have been released against *Lygodium* in south Florida, two of which have established persistent populations at a very limited number of sites. This project consists of distributing existing agents throughout the south Florida landscape, as well as releasing and redistributing additional biological control agents as they are approved through the federal regulatory process for use against the Old World climbing fern in the United States.

Cost: Total:
 Project Development:
 Land Acquisition: \$0 – long term lease with University of Florida
 Implementation:
 Operations and maintenance: not yet included in budget

Project Schedule:

Start Date: 1996
 First Agent released: 2005
 Second Agent released: 2008
 Third Agent released: 2008
 Fourth Agent released: 2011
 Finish Date: TBD

Detailed Project Budget Information (\$1000s)

	2011	Balance to complete	Total
Federal			
State			
Tribal			
Local			
Other			
Total			TBD

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