

Program Name: Invasive Exotic Species Management
Project Name: **Monitoring the Effects of Repeated Aerial Herbicide Application on *Lygodium microphyllum* and Native Vegetation.**
Project ID: 2501
Lead Agency: University of Florida, U.S. Fish and Wildlife Service (FWS)
Cooperating Agencies: South Florida Water Management District (SFWMD)

Goal(s) Addressed: 2-B.1

Measurable Output(s): Project acres treated, actual infested acres treated, herbicide amounts utilized, herbicide treatment cost per acre, *Lygodium* aerial treatment costs per acre, herbicide (s) efficacy, short- and long-term evaluation of treatment effectiveness, impacts to *Lygodium* and native species, non-target herbicide damage assessment, enhancement of inventory, monitoring and aerial control methodologies for *Lygodium*, assessment of success, etc.

Project Synopsis: Test the effectiveness of aerial application of two different herbicides, metsulfuron methyl and glyphosate, at two rates, to dense infestations of *Lygodium*, and assess treatment effectiveness and impacts to *Lygodium* and native plant species on 45 northern Everglades tree islands in Water Conservation Area 1 (the Refuge).

Current Status: Final report in preparation; all field work completed.

Cost:

Total

\$220,000

Project Development

N/A

Land Acquisition

N/A

Implementation Unknown

N/A

Operations and Maintenance Unknown

N/A

Project Schedule:

Proposed Start Date: July 2005

Finish Date: July 2009

Detailed Project Budget Information (\$1000s)

	Thru 2008	2009	2010	2011	2012	2013	Balance to complete	Total
Federal	325	35						360
State								
Tribal								
Local								
Other								
Total	325	35						360

Sheet not updated from 2009 IFP.

Hyperlink: N/A

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