

Multi-Species Recovery Plan
for the
Threatened and
Endangered Species
of South Florida
VOLUME II OF II
The Ecosystem

Technical/Agency Draft

Prepared for
U.S. Fish and Wildlife Service
Southeast Region
Atlanta, GA

June 1998

Disclaimer

Recovery plans delineate reasonable actions that are believed to be required to recover and/or protect listed species. Recovery plans are prepared by the U.S. Fish and Wildlife Service, sometimes with the help of recovery teams, contractors, State agencies, and others. The objectives identified in this recovery plan will only be attained contingent upon appropriations, priorities, and other budgetary constraints. Recovery plans do not necessarily represent the views or the official positions or approvals of any individuals or agencies involved in the formulation of this recovery plan, other than the U.S. Fish and Wildlife Service. Recovery plans represent the official position of the Fish and Wildlife Service only after they have been signed by the Regional Director or Director as approved. Approved recovery plans are subject to modification as dictated by new findings, changes in species' status, or completion of recovery tasks.

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List of Acronyms

ACSC	Areas of Critical State Concern
APAFR	Avon Park Air Force Range
BLM	U. S. Bureau of Land Management
CARL	Conservation and Recreation Lands
CITES	Convention on International Trade in Endangered Species
COE	U. S. Army Corps of Engineers
CREW	Corkscrew Regional Ecosystem Watershed
C&SF	Central and Southern Florida Project
DACS	Florida Department of Agriculture and Consumer Services
DCA	Florida Department of Community Affairs
DEP	Florida Department of Environmental Protection
DERM	Department of Environmental Resources Management
DOT	Florida Department of Transportation
EAA	Everglades Agricultural Area
EPA	U. S. Environmental Protection Agency
EPPC	Florida Exotic Pest Plant Council
ESA	Endangered Species Act (also referred to as the Act)
FCREPA	Florida Committee on Rare and Endangered Plants and Animals
FKNMS	Florida Keys National Marine Sanctuary
FWS	U. S. Fish and Wildlife Service
GFC	Florida Game and Fresh Water Fish Commission
NAS	National Audubon Society
NEP	National Estuary Program
NF	National Forest
NM	National Monument
NMFS	National Marine Fisheries Service
NOAA	National Ocean and Atmospheric Administration
NP	National Park
NPS	National Park Service

NRCS	National Resources Conservation Service
NWR	National Wildlife Refuge
SF	State Forest
SFWMD	South Florida Water Management District
SJWMD	St. Johns Water Management District
SOR	Save Our Rivers
SP	State Park
SRA	State Recreation Area
STA	Storwater Treatment Area
SWFWMD	Southwest Florida Water Management District
USDA	U. S. Department of Agriculture
USGS, BRD	U. S. Geological Survey, Biological Resources Division
WCA	Water Conservation Area
WMA	Wildlife Management Area
USFS	United States Forest Service

Conversions

To convert		Multiply by	To obtain	
centigrade	(°C)	$(^{\circ}\text{C} \times 5/9) + 32$	fahrenheit	(°F)
centimeters	(cm)	0.3937	inches	(in.)
grams	(g)	0.002205	pounds	(lb.)
hectares	(ha)	2.471	acres	(ac)
kilograms	(kg)	2.2046	pounds	(lb.)
kilometers	(km)	0.6214	miles	(mi.)
sq. kilometers	(km ²)	247.1	acres	(ac)
meters	(m)	0.0006214	miles	(mi.)

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