



Steven Green
Project Ecologist, Botanist

EDUCATION

BS, Biology
University of South Florida

AFFILIATIONS

Florida Native Plant Society

Florida Exotic Pest Plant
Council

Research Associate: The
Institute for Regional
Conservation

Society for Ecological
Restoration International

TRAINING AND CERTIFICATION

Army Corps of Engineers
Wetland Delineation Training

Prescribed Fire Training
ICS 100, S-110, S-130, S-190, L-
180

AREAS OF SPECIALIZATION

Vascular Plant Identification

Vegetation Monitoring Design
and Implementation

Rare Plant and Invasive Plant
Surveys and Mapping

Natural Community Mapping

Mitigation Bank Design,
Permitting and Implementation

Relational Database and
Geodatabase Design and
Application

Land Management Services

Professional Profile

Mr. Green has over five years of experience in vegetation surveys, vegetation monitoring, ecological restoration and land management in south and central Florida. As a Project Ecologist with Mitigation Resources, LLC, Mr. Green's duties include: ecological site assessments; mitigation bank permitting; Uniform Mitigation Assessment Method (UMAM) evaluations and GIS Analysis. In addition, Mr. Green also designs and implements vegetation monitoring protocol for mitigation bank projects.

Mr. Green's primary area of specialization is in vascular plant identification, and has managed or participated in a myriad of botanical related projects in south and central Florida including: status surveys of federally listed or candidate plant species for the U.S. Fish and Wildlife Service (USFWS); mapping of invasive exotic plants and rare/endangered native plants for various county and state agencies; long-term rare plant monitoring in Everglades National Park; long-term vegetation monitoring in Picayune Strand State Forest; and, floristic inventories for Miami-Dade County's EEL program and Lee County preserves. Mr. Green has contributed over 1,400 records to FNAI's Florida Invasives Geodatabase, has vouchered several county and state records to the flora of Florida.

Experience and Capabilities

Vascular Plant Identification and Vegetation Monitoring

Conducts and maintains a floristic inventory of mitigation bank sites. Performs surveys for rare/endangered plant species in addition to exotic/invasive plant species. Designs and implements periodic vegetation monitoring protocol.

Wetland Mitigation Banking – Design, Permitting, and Implementation

Obtains Mitigation Bank permits from FDEP, SWFWMD, SJRWMD, SFWMD, and ACOE for regionally significant ecological areas. Performs required site assessments, restoration design, and implementation of complex ecologic enhancement activities. Works with ecologists, engineers, and agency staff to provide restoration of natural areas.

Land Management Services

Assists in the preparation of land management plans, and land management activities such as herbicide application, prescribed fire, security, fencing, signage, and associated field efforts. Trains land management crews on invasive species identification.

Relational Database and Geodatabase Design and Application

Designs and maintains relational databases and geodatabases for Mitigation Resources projects. Conducts rare/endangered plant species and exotic/invasive plant species mapping, natural community mapping and wetland delineation with mobile GIS/GPS applications. Performs data analysis through the development and application of spatial and SQL queries.

Publications and Reports

Green, S.E., K.A. Bradley and G.D. Gann. 2008. Restoration of Privately Owned Pine Rockland Habitat in Miami-Dade County. Final report submitted to the US Fish and Wildlife Service by The Institute for Regional Conservation.

Green, S.E., K.A. Bradley, and S.W. Woodmansee. 2008. Status Survey of The Federally Threatened *Chamaesyce garberi* in South Florida. Final report submitted to the US Fish and Wildlife Service by The Institute for Regional Conservation.

Gann, G.D., **S.E. Green**, K.A. Bradley, and A.M. Jenkins. 2007. Mapping of Invasive Exotic Plants and Rare Native Plants on Florida Department of Transportation District 6 Right-of-Way in Miami-Dade and Monroe Counties, Florida. Final report submitted to the Florida Department of Transportation, District Six Office by The Institute for Regional Conservation.

Woodmansee, S.W., M.J. Barry, K.A. Bradley, **S.E. Green**, and J.M. Mahoney. 2007. Post-hurricane Field Assessments of Six Federally Endangered and Candidate Plant Species. Final report submitted to the US Fish and Wildlife Service by The Institute for Regional Conservation.

Woodmansee, S.W. and **S.E. Green**. 2006. A Floristic survey and rare plant assessment of Caloosahatchee Creeks Preserve, Lee County, Florida. Final report submitted to Lee County Park and Recreation by The Institute for Regional Conservation.