

Florida Exotic Pest Plant Council's
22nd
Annual Symposium
April 30th - May 3rd, 2007 • Cocoa Beach, FL
Holiday Inn Oceanfront



INVASION
OF THE HABITAT SNATCHERS

the
seed
is
planted

The Florida Exotic Pest Plant Council's annual symposium provides a forum for the exchange of scientific, educational, and technical information related to the management of invasive exotic plants in Florida's natural areas.

This preliminary program provides an overview of the upcoming symposium. See details and updated information at www.fleppc.org





Preliminary Symposium Schedule

Monday, April 30th _____

Florida EPPC Board of Directors & Task Force Meetings

10:00 AM – 5:00 PM, Egret Room

Symposium Early Registration

3:00 PM – 6:00 PM, Lobby

Evening Social Event

6:00 PM – 9:00 PM, Tiki Lawn

FLEPPC Fishing Tournament

Depart from Main Lobby at 6:00 PM

Pre-registration required. Sign up at the symposium registration desk or check www.FLEPPC.org.

Tuesday, May 1st _____

Symposium Registration

7:30 AM – 3:00 PM, Ballroom Foyer

Vendor Expo Open

8:00 AM – 5:00 PM, 6:00 PM – 9:00 PM

Manatee Room C & D

Many companies in the invasive plant management industry will be on hand to demonstrate their products and services. Check the final program for the complete list of participating vendors.

Chair's Welcome Address

8:20 AM– 8:40 AM, Manatee Ballroom

Florida EPPC Chair, Dr. Alison M. Fox

General Session, Manatee Ballroom

8:40 – 9:00 AM **Cooperative Weed Management Areas: An approach to making headway in the, "War on Weeds!"** Jim Olivarez

9:00 – 9:20 AM **Predicting the distributions of two invasive exotics, *Ardisia crenata* and *A. elliptica* (Myrsinaceae).** Sarah Braun

9:20 – 9:40 AM **Seed bank and regeneration ecology of *Scleria lacustris* in Florida wetlands.** Colette Jacono and Alison M. Fox

9:40 – 10:00 AM **Jumpstarting *Pinus elliottii* var. *densa* reestablishment in the Hole-in-the-Donut Restoration Area: a historical evaluation and influence of hydroperiod on pine germination and survival.** Lauren Serra

10:00 – 10:20 AM **Herbicide field trial for downy rose myrtle control.** C. Elroy Timmer and Vernon V. Vandiver Jr.

10:20 – 10:40 AM **Morning Refreshment Break**

10:40 – 11:00 AM **Aspects of Japanese climbing fern management in the southeastern United States.** Andi van Loan, Eric J. Jokela, and Gregory E. MacDonald

11:00 – 11:20 AM **Is it dead yet? An update on the statewide *Lygodium* surveys.** Chris Lockhart

11:20 – 11:40 AM **Compatibility of an herbicide treatment of the exotic vine *Lygodium microphyllum* with hydrologic restoration of a subtropical river floodplain.** Lou Toth

11:40 – 12:00 PM **Effects of hydrology and applied gibberellic acid and paclobutrazol on the growth of the invasive exotic *Lygodium microphyllum* (Old World climbing fern).** Sonia Gandiaga and John Volin

12:00 – 1:00 PM **Lunch**

1:00 – 1:20 PM **Air Potato (*Dioscorea bulbifera*) biology and management.** Michael Meisenberg

1:20 – 1:40 PM **Investigating the determinants of local scale distribution of *Ruellia tweediana* (Syn. *R. brittoniana*) in natural areas.** Karen Hupp and Alison M. Fox

1:40 – 2:00 PM **The impact of invasive plants on the recreational value of Florida's freshwater and upland natural areas.** Santiago Bucaram, Donna Lee, Damian Adams



Preliminary Symposium Schedule

Tuesday, May 1st **continued**

2:00 – 2:20 PM **An antidote to invasive habitat snatchers: planting seeds in the classroom.** Amy Richard and Karen Brown

2:20 – 2:40 PM **Establishing a cooperative weed management area in Florida.** Linda Duever

2:40 – 3:00 PM **The Central Florida Lygodium Strategy: a case study in the power of partnerships in the face of invasives.** Cheryl Millet and Kristina Serbesoff-King

3:00 – 3:20 PM **Afternoon Refreshment Break**

CWMA Workshop

3:20 PM – 5:20 PM, Manatee Ballroom
CWMA's, or Cooperative Weed Management Areas, are partnerships between governmental and/or non-governmental entities involved in exotic plant management. CWMA's in western states have proven to be effective at integrating weed management efforts across jurisdictional lines. This two-hour workshop will explain the steps for organizing your own CWMA. *Co-led by Jim Olivarez and Kathy O'Reilly-Doyle.*

Natural Area Weed Management Training Session

3:20 – 5:20 PM, Egret Room
This two-hour short course will prepare participants for the Natural Area Weed Management certification exam for restricted use pesticide applicators. The exam will also be administered on Thursday afternoon following the adjournment of the symposium. *Co-led by Sharon Fox and Joe Walter.*

Techie's Workshop

3:20 PM – 5:20 PM, Manatee Ballroom
Learn how to beat back the weeds with cutting-edge technologies. Demonstrations of useful technologies in areas of monitoring, assessment, and data management will be provided. *Led by Alison Higgins.*

Poster Session

6:00 – 7:00 PM, Ballroom Foyer

Africa or Asia? Locating the source population of Florida air potato (*Dioscorea bulbifera*) using chloroplast DNA markers. Matthew Croxton, Michael Andreu, Dean Williams, and William A. Overholt

Allelopathic interactions between wax myrtle (*Myrica cerifera*) and Brazilian peppertree (*Schinus terebinthifolius*). William A. Overholt, Larry T. Markle, Margarita Garcia, and Sharon M. L. Ewe

Baseline map and spectral library of pre-biocontrol *Schinus terebinthifolius* raddi in Florida. Jonathan D. Jordan, William A. Overholt, James P. Cuda

Performance of two candidate biological control agents (*Episimus utilis* and *Pseudophilothrips ichini*) on four Brazilian peppertree genotypes found in Florida. Veronica Manrique, James P. Cuda, William A. Overholt, and Dean Williams

The Hole-in-the-Donut Restoration Project: Everglades National Park. Jaime Roper

The IFAS Assessment: new additions and comparisons with the FLEPPC list. Crysta Gantz and Alison M. Fox

Twenty years of invasive plant removal—lessons learned at Blowing Rocks Preserve. Michael Renda

Restoration of the Ah-Tah-Thi-Ki Museum cypress dome on the Big Cypress Seminole Indian Reservation through invasive plant removal. Michele Walts and Alyssa Jacobs

Temperature-dependent development, survival and potential distribution of *Ischnodemus variegatus* (Hemiptera: Blissidae), an herbivore of West Indian marsh grass (*Hymenachne amplexicaulis*). Rodrigo Diaz, William A. Overholt, James P. Cuda

U. S. Fish and Wildlife Service Region 4 Invasive Species Strike Team: Restoring your refuges—protecting your future. Jason A. Hanley, William G. Thomas, Jr.

WEEDAR: A new tool for weed control data management. Francois LaRoche, Ellen Donlan, and Mary Simmons

Evening Social Event

7:00 – 9:00 PM, Manatee Room C & D



Preliminary Symposium Schedule

Wednesday, May 2nd

Vendor Expo Open

8:00 AM – 5:00 PM

Keynote Address

8:40 – 9:20 AM, Manatee Ballroom

Linking science and policy on invasive species.

Dr. David Lodge, Professor of Biology, University of Notre Dame. *Dr. Lodge is a leading researcher in invasion biology who has focused his research on invasive species risk assessment and understanding the interactions of biological invasions and economic forces.*

General Session, Manatee Ballroom

9:20 – 9:40 AM Effectiveness of the Australian weed risk assessment in Florida and other regions.

Doria Gordon, Daphne Onderdonk, Alison Fox, and Randall Stocker

9:40 – 10:00 AM Revising Quarantine 37 regulations to better address the risks associated with the importation of plants for planting.

Barney Caton

10:00 – 10:20 AM Strategies for integrating invasive exotic plants into large-scale ecosystem restoration programs.

Robert Doren, John Volin, and Jenny Richards

10:20 – 10:40 AM Morning Refreshment Break

10:40 – 11:00 AM The Georeferenced Florida Exotic Pest Plant Council Database.

Sarah Braun

11:00 – 11:20 AM Early Detection and Distribution Mapping System (EDDMapS) and Florida EPPC.

Charles Barger and Christopher Evans

Risk Assessment Panel Discussion

11:20 – 12:00 PM, Manatee Ballroom

This 40-minute guided and informal discussion will explore the state-of-the-science in invasive species risk assessment. Facilitated by Randal Stocker

Field Trips

Cape Canaveral Brazilian Pepper Bustin'

12:30 - 6:00 PM A tour of Cape Canaveral Air Force Station natural areas, including a demonstration of Brazilian pepper control techniques and a discussion on biological controls. *Led by Mike Meisenburg and Scott Ditmarsen. Lunch included. Pre-registration required at www.fleppc.org.*

Vegetation Management at Sebastian Inlet and Indian River Lagoon Preserve State Parks

1:00 - 6:00 PM A half-day excursion to evaluate vegetation management programs at two state parks. Stops will include coastal exotics work and native plant reintroduction efforts. *Led by Donna Watkins.*

Lori Wilson Park walking tour and vegetation inventory techniques

1:30 – 5:30 PM Get hands-on experience collecting invasive plant data with different types of Geographic Positioning System (GPS). Equipment operations will be demonstrated, along with invasive plant ID in a nearby coastal park. *Led by Chris Lockhart and Jon Lane.*

Symposium Banquet

7:00 – 10:00 PM, Tiki Lawn

Thursday, May 3rd

Vendor Expo Open

8:00 – 12:00 PM, Manatee Room C & D

General Sessions, Manatee Ballroom

8:40 – 9:00 AM **Biological control of Brazilian pepper, Chinese tallow, Australian pine, and hydrilla: updates from foreign explorations and preliminary host testing.** Greg Wheeler, Matthew



Preliminary Symposium Schedule

Purcell, Ding Jialing, Fernando McKay

Thursday, May 3rd

continued

9:00 – 9:20 AM Proposed field release of the melaleuca stem-gall fly for biological control of *Melaleuca quinquenervia*, and introduction of the melaleuca clipper weevil into quarantine for host range tests. Susan Wineriter and Ted D. Center

9:20 – 9:40 AM Developing biological control options for Old World climbing fern (*Lygodium microphyllum*): releases of a biocontrol agent and upcoming plans. Anthony J. Boughton and Bob Pemberton

9:40 – 10:00 AM Surveys in Paraguay for new biocontrol agents of Brazilian peppertree, *Schinus terebinthifolius* (Anacardiaceae): preliminary results. James P. Cuda, J. C. Medal, and B. Garcete-Barrett

FLEPPC Annual Business Meeting

10:00 – 10:40 AM, Manatee Ballroom

10:40 – 11:00 AM Morning Refreshment Break

11:00 – 11:20 AM FLEPPC – It's your organization too: Introduction to Committees and Task Groups. Jim Burney

11:20 – 11:40 AM Out of Florida: does Florida export invasions with high genetic diversity? Dean A. Williams, James P. Cuda, and William A. Overholt

11:40 – 12:00 PM Status of melaleuca and Australian pine management in the East Everglades Acquisition Area of Everglades National Park: 2002-2006. Jonathan Taylor

12:00 – 12:20 PM Does release from natural enemies belowground explain the invasiveness of *Lygodium microphyllum*? A cross continental comparison. John Volin, Eric L. Kruger, Valeria C. Volin, Michael F. Tobin, and Kaoru Kitajima

22nd Annual Symposium Adjourns

12:20 PM

Natural Area Weed Management Examination

1:30 PM – 3:00 PM, Egret Room

Hotel Information

Holiday Inn Cocoa Beach-Oceanfront
1300 North Atlantic Avenue
Cocoa Beach, FL 32931
Front Desk: 1-321-783-2271
Fax: 1-321-784-8878



Driving Directions: From I-95, take the exit for SR528 east to Port Canaveral. At Port Canaveral the road will turn south & automatically changes to SRA1A. The hotel is 7 miles south of Port Canaveral on the left hand side.

- **Pre-registration deadline: April 4th**
- **Attendees who pre-register may pick up their symposium packets at the registration desk.**
- **With the exception of the annual banquet, meals will not be provided during the symposium.**
- **For the latest updates on the program, visit our website at www.fleppc.org**
- **For information regarding program content, contact LeRoy Rodgers at lrogers@sfwmd.gov**
- **For registration questions, contact Dianne Owen at dowen@fau.edu**