

Florida Exotic Pest Plant Council's

23rd

Annual Symposium

April 21st- 24th, 2008 • Jacksonville, FL

Crowne Plaza on the Jacksonville Riverfront

"Flora Non Grata"

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.



Symposium Schedule



Monday, April 21st

Florida EPPC Board of Directors & Task Force Meetings

10:00 AM – 5:00 PM

Symposium Early Registration

3:00 PM – 6:00 PM, Lobby

Tuesday, April 22nd

Symposium Registration

7:30 AM – 3:00 PM

Vendor Expo Open

8:00 AM – 5:00 PM, 6:00 PM – 8:00 PM

Many companies in the invasive plant management industry will demonstrate their products and services.

Chair's Welcome Address

8:20 AM– 8:40 AM, Duval Ballroom
Florida EPPC Chair, Dr. Alison M. Fox

Keynote Address

8:40 – 9:20 AM, Duval Ballroom
Dr. Bernd Blossey, Associate Professor of Biology, Cornell University

Dr. Blossey is a leading researcher in invasion biology who has focused much of current research on quantifying impacts of invasive plants on native flora and fauna as well as biological control of non-indigenous plant species in natural areas.

Session I: Exotic Species in the Restoration Context

9:20 – 10:20 AM, Duval Ballroom
Session Moderator. TBD

9:20 - 9:40 AM **Primrose willow (*Ludwigia peruviana*) management in restored forested wetlands.**
Dr. Steven G. Richardson

9:40 - 10:00 AM **Natural enemies thin melaleuca-canopy and help increase plant diversity in melaleuca stands.** Min B. Rayamajhi, Paul D. Pratt, and Ted D. Center

10:00 - 10:20 AM **BeFlora and after: Conversion of landscapes.** Hillary Burgess, Jaime Roper, and Jonathan Taylor

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



Symposium Schedule

Tuesday, April 22nd

continued

Session II: Tracking and Assessing the Risks of Invasions.

10:40 – 12:00 PM, Duval Ballroom

Session Moderator: TBD

10:40 - 11:00 AM **Testing the potential impacts of implementing a weed risk assessment system on the horticultural industry.** Crysta A. Gantz and Doria R. Gordon

11:00 - 11:20 AM **IFAS assessment of the status of non-native plants in Florida's natural areas: Updates and new additions.** Karen V. S. Hupp, Ken Langland, and Doria R. Gordon

11:20 - 11:40 AM ***Luzeola subintegra* and *Azolla pinnata*: Two invasive aquatic species newly reported in Florida.** Mike Bodle

11:40 - 12:00 PM **The Florida Invasive Plants GeoDatabase and iMapInvasives: an on-line, GIS mapping tool for invasive species.** Gary Knight

Lunch 12:00 – 1:00 PM

Session III: Updates on Biological Controls

1:00 – 3:00 PM, Duval Ballroom

Session Moderator: TBD

1:00 - 1:20 PM **Biology, host specificity and potential impacts of *Ischnodemus variegatus* (Hemiptera), an herbivore of West Indian marsh grass (*Hymenachne amplexicaulis*) in Florida.** Rodrigo Diaz, William A. Overholt, and James P. Cuda

1:20 - 1:40 PM **Effect of host-plant genotypes on the performance of *Pseudophilothrips ichini*, an approved biological control agent of Brazilian peppertree in Florida.** Veronica Manrique, James P. Cuda, and William A. Overholt

1:40 - 2:00 PM **A potential biological control agent for invasive plant species, Old World climbing fern (*Lygodium microphyllum*).** Krish Jayachandran, Tainya C. Clarke, and Kateel G. Shetty

2:00 - 2:20 PM **Biological control of Brazilian pepper, Chinese tallow, Australian pine, and hydrilla: updates from foreign explorations and preliminary host testing.** Gregory S. Wheeler, Mathew Purcell, and Ding Jialing

2:20 - 2:40 PM ***Apocnemidophorus pipitzi* (Coleoptera: Curculionidae), a new candidate for biological control of Brazilian peppertree, *Schinus terebinthifolius* (Anacardiaceae): Preliminary results of its biology and host range.** J. P. Cuda, J. L. Gillmore, and B. Garcete-Barrett

2:40 – 3:00 PM **Afternoon Refreshment Break**

Symposium Schedule



Tuesday, April 22nd

continued

Using Technology in the War on Weeds

3:00 PM – 5:00 PM

Curious about the latest technological tools for invasive plant management and data collection? This workshop will introduce participants to cutting edge tools for invasive species assessments, management planning, and control evaluations.

Invasive Plant Identificaton

3:00 PM – 5:00 PM

This workshop will instruct participants on field identification of many Florida invasive plant species using diagnostic characteristics. A variety of aquatic and upland invasive species will be featured, including some native species that are often mistaken for exotic weeds.

Natural Area Weed Management Training Session

3:00 – 5:00 PM

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.

Poster Session

6:00 – 7:00 PM, Ballroom Foyer

Evening Social Event

7:00 – 9:00 PM

Wednesday, April 23rd

Vendor Expo Open

8:00 AM – 5:00 PM

Session IV: Program Strategies for Invasive Plant Control

8:20 – 10:00 AM Duval Ballroom

Session Moderator: TBD

8:20 - 8:40 AM **Why we need a National Center for Biological Invasions in the United States.** Don Schmitz and Dan Simberloff

8:40 - 9:00 AM **Status of *Lygodium microphyllum* in Everglades National Park.** Hillary Cooley, Jonathan Taylor



Symposium Schedule

Wednesday, April 23rd

continued

9:00 - 9:20 AM **Bugwood – Center for Invasive Species and Ecosystem Health.** Charles T. Barger, Carey Minter, and G. Keith Douce

9:20 - 9:40 AM **Mission accomplished on "The Big O."** François Brave Laroche

9:40 - 10:00 AM **Implementing biological controls in the Comprehensive Everglades Restoration.** Shauna Ray Allen

10:00 – 10:20 AM **Morning Refreshment Break**

Session V: Strength in Numbers: Building Alliances in the War on Weeds

10:20 – 12:00 PM, Duval Ballroom

Session Moderator: Kathy O'Reilly-Doyle

10:20 - 10:40 AM **Partnering across the landscape: cooperative weed management areas (CWMA's) in Florida.** Kristina Serbesoff-King

10:40 - 11:00 AM **The Adirondack Park Invasive Plant Program: Ten years of partnering.** Hilary Oles

11:00 - 11:20 AM **Update on the Everglades Cooperative Invasive Species Management Area (ECISMA).** Jon Lane

11:20 - 11:40 AM **The First Coast Invasive Working Group: A public/private partnership focused on prevention and early detection and rapid response efforts.** Trish Gramajo-St. John

11:40 - 12:00 PM **Of spores and sprays: An update on the Central Florida Lygodium Strategy.** Rosalind Rowe, Kristina Serbesoff-King, and Cheryl Millett

Field Trips (lunch included)

Julington Durbin Preserve

12:30 - 6:00 PM

This 2,031-acre natural area is located on a peninsula at the confluence of Julington & Durbin Creeks. The preserve features a variety of ecosystems including sandhills, mesic flatwoods, and floodplain swamps. Learn about multiple facets of ongoing implementation of the preserve's resource and recreation management program including recent control activities for Japanese climbing fern, Chinese tallow, and camphor.

Led by J. B. Miller (386-937-0553)
Transportation and lunch provided

Symposium Schedule



Wednesday, April 23rd

continued

Kingsley Plantation/ Ft. George Island

12:30 - 6:00 PM

This combined tour of a state and federal park begins at Kingsley Plantation, an 18th and 19th century cotton plantation, where various exotic plants are currently undergoing treatment. Learn about the plantation's historic resources and current nonnative plant management strategies in a cultural landscape. The tour includes a one-mile hike through an abandoned golf course to a restored 1920's resort, followed by a discussion of the Florida Park Service's treatment of exotic plants.

Led by Dan Clark (305-215-6161) and Tony Pernas (305-815-8849)
Transportation and lunch provided

Jacksonville Arboretum

1:30 – 5:30 PM

Enjoy a plant hike through this 119-acre park featuring wetland and upland forests and a natural ravine, which takes you to the nation's champion loblolly bay! Attendees will be given pen & paper to help document any undiscovered invasive plants. The park will officially open this year and is in the initial stages of restoration. Restoration efforts have focused on debris removal, vegetation mapping, cogon grass and air potato control, and gopher tortoise relocation projects.

Led by Trish Gramajo (904-759-4127)
Lunch provided, carpools suggested

Symposium Banquet

7:00 – 10:00 PM, Riverwalk Pool Deck

Thursday, April 24th

Vendor Expo Open

8:00 – 12:00 PM

Session V: Research Updates on Herbicidal Control

8:20 – 10:00 AM, Duval Ballroom

Session Moderator: TBD

8:20 - 8:40 AM **An update on Clearcast experimental use permit trials.** Chris Key

8:40 - 9:00 AM **Response of shoebutton ardisia (*Ardisia elliptica*) to triclopyr (amine form) application.** Gwen Burzycki, Carlos Siso, Andrew Hyatt, and Helena Giannini

9:00 - 9:20 AM **Selective control of cogongrass and natalgrass.** Steven G. Richardson



Symposium Schedule

Thursday, April 24th

continued

9:20 - 9:40 AM **Absorption and translocation of glyphosate, metsulfuron methyl, and triclopyr in Old World climbing fern (*Lygodium microphyllum*).** Jeff Hutchinson and Ken Langeland

9:40 - 10:00 AM **A demonstration project on hydrilla and hygrophila in the Upper Kissimmee Chain of Lakes.** Tina Bond and Kimberly Lawrence

10:00 – 10:20 AM **Morning Refreshment Break**

FLEPPC Annual Business Meeting

10:20 – 11:00 AM, Duval Ballroom
Led by Alison Fox

Session VI: Updates on Biological Invasion Research

11:00 – 12:20 PM, Duval Ballroom
Session Moderator: LeRoy Rodgers

11:00 - 11:20 AM **Management implications of environmental constraints on establishment of the invasive exotic Old World climbing fern, *Lygodium microphyllum*** Tom Philippi, Jennifer H. Richards, and Paul Groff

11:20 - 11:40 AM **Does propagule pressure explain the abundance of invasive fig trees in South Florida?** Jessica H. Wheeler and Trevor T. Caughlin

11:40 - 12:00 PM **Characterization of microsatellite DNA diversities of hygrophila (*Hygrophila polysperma* (Roxb.) T. Anders) in Florida.** Abhishek Mukherjee, Matthew A. Gitzendanner, and James P. Cuda

12:00 -12:20 PM **The effect of climate change on the phenology and distribution of nonnative plants in Florida.** Betsy Von Holle

Symposium Adjourns

Florida EPPC Chair-Elect, Dan Clark
12:20 PM

Natural Area Weed Management Examination

1:30 PM – 3:00 PM, TBD

Symposium Information



Driving Directions

Northbound on I-95: Take exit 350A for Main St/Prudential Drive followed by a slight right onto South Main Street. Proceed 2 blocks and turn right at Riverplace Blvd (just before the John Alsup Bridge). Hotel just ahead on left.

Southbound on I-95 (or if merging from east bound I-10): Take exit 350B toward San Marco Blvd. Turn left at San Marco Blvd. Proceed one block and turn right at Prudential Dr. Take the next left onto S Main St. Proceed 2 blocks and turn right at Riverplace Blvd (just before the John Alsup Bridge). Hotel just ahead on left.



Hotel Information

**Crowne Plaza Hotel
Jacksonville-Riverfront
1201 Riverplace Blvd.
Jacksonville, FL 32207 United States
Hotel Front Desk: 1-904-398-8800
Hotel Fax: 1-904-398-9170**

Important Dates

**Abstract submission deadline: Jan. 20, 2008
Early Registration: April 4, 2008
Late Registration: April 22, 2008**

Contacts

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