



Florida Exotic Pest Plant Council 21st Annual Symposium

“*Little Crop of Horrors*”

April 24th-26th, 2006

Paramount Resort
Gainesville, Florida

Monday, April 24th, 2006

- 8:00 a.m. to 5:00 p.m. Field Trips - FLEPPC Board/Committees
- 2:30 p.m. to 6:00 p.m. Florida EPPC Board of Directors Meeting
- 7:00 p.m. to 9:00 p.m. Evening Social Event - Courtyard and Gazebo area,
Paramount Hotel, 2900 SW 13th Street, Gainesville, Florida
www.paramount.com; (352-377-4000)

Tuesday, April 25th, 2006

- Session Moderator:* *Cheryl McCormick* *A.V. Technician: Steve Smith*
- 8:30 a.m. to 8:45 a.m. Welcome Address Jim Burney
- 8:45 a.m. to 9:15 a.m. Management of Invasive Species in Hawaii Since the 1993 OTA Report: Progress and Prospects Lloyd Loope
- 9:15 a.m. to 9:45 a.m. Panel Discussion: How is Florida Faring Relative to Hawaii? Randall Stocker, Facilitator
Tony Pernas
Kristina Serbesoff-King
Brian Nelson
- 9:45 a.m. to 10:00 a.m. *Morning Refreshment Break*
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- Session Moderator:* *Jon Lane* *AV Technician: Mike Meisenberg*
- 10:00 a.m. to 10:20 a.m. DEP's Invasive Plant Research: A Historical Perspective and Review of the Program Don C. Schmitz
- 10:20 a.m. to 10:40 a.m. Survey of Control Measures on Old World Climbing Fern (*Lygodium microphyllum*) in Southern Florida Jeff Hutchinson
- 10:40 a.m. to 11:00 a.m. Looking at sites of treated *Lygodium* - Is It Dead Yet? Chris Lockhart
- 11:00 a.m. to 11:20 a.m. Reproductive Biology of *Colubrina asiatica* (L.) Brogng. (Rhamnaceae) and Consequences for Management in South Florida National Parks. Cheryl McCormick and Ken Langeland
- 11:20 a.m. to 11:40 a.m. Yes, Virginia, There Are Alligators in Idaho Amy Ferriter
- 11:40 a.m. to 12:00 p.m. Future Directions for Hydrilla Management in Florida Michael D. Netherland
- 12:00 p.m. to 1:00 p.m. Lunch (On Your Own)

<i>Session Moderator:</i>	<i>Roger Clark</i>	<i>AV Technician: Aimee Cooper</i>
1:00 p.m. to 1:20 p.m.	Could Africa Be a Source of <i>Hydrilla</i> Natural Enemies?	Bill Overholt
1:20 p.m. to 1:40 p.m.	The residual effect of imazapyr herbicide on selected revegetation species following cogongrass control.	Greg MacDonald
1:40 p.m. to 2:00 p.m.	Cogongrass (<i>Imperata cylindrica</i> L. Beauv) and torpedgrass (<i>Panicum repens</i> L.) response to growth regulator herbicides	Eileen Ketterer
2:00 p.m. to 2:20 p.m.	A Super Beetle Fighting the Plant From Hell: Tropical Soda Apple	Julio Medal
2:20 p.m. to 2:40 p.m.	Evaluation of Artificial Diet Treatments for Rearing of <i>Anthonomus tenebrosus</i> (Coleoptera: Curculionidae), a Potential Biological Control Agent of Tropical Soda Apple, <i>Solanum viarum</i>	Bobbie Jo Davis
2:40 p.m. to 3:00 p.m.	Brazilian pepper biological control: Updates From Foreign Exploration Activities	Greg Wheeler
3:00 p.m. to 3:20 p.m.	Integrated Weed Management Plan for Brazilian Peppertree (<i>Schinus terebinthifolius</i>) in Florida: An Update	Jim Cuda
3:20 p.m. to 3:40 p.m.	The F1 Sterile Insect Technique (F1SIT): A Novel Approach to Host Range Testing of the Tortricid <i>Episimus utilis</i> , A Natural Enemy of Brazilian peppertree.	Onour E. Moeri
3:40 p.m. to 3:55 p.m.	<i>Afternoon Refreshment Break</i>	

<i>Session Moderator:</i>	<i>Scott Ditmarsen</i>	<i>AV Technician: Aimee Cooper</i>
3:55 p.m. to 4:15 p.m.	Region 4 FWS Invasive Species Strike Team: Team Operations and FY05 Accomplishments	Bill Thomas
4:15 p.m. to 4:35 p.m.	Update On the Activities Of The Florida Invasive Species Working Group	Brian Nelson
4:35 p.m. to 4:55 p.m.	National Park Service Exotic Plant Management Teams in the Southeastern United States: Update and News	Nancy Fraley
4:55 p.m. to 5:05 p.m.	A Brief Update on the Private Land Incentive Sub-Working Group of the Florida Invasive Species Working Group.	Kathy O'Reilly-Doyle
5:05 p.m. to 5:45 p.m.	Florida EPPC Business Meeting	Jim Burney
7:00 p.m.	Annual Banquet - Paramount Hotel Ballroom	

Wednesday, April 26th, 2006

<i>Session Moderator:</i>	<i>Dianne Owen</i>	<i>AV Technician: Steve Smith</i>
8:10 a.m. to 8:30 a.m.	Engineering Invasives in the Everglades – What is the CORPS doing about invasive species in Everglades restoration?	Jon Lane
8:30 a.m. to 9:10 a.m.	Bringing Invasive Exotic Species in South Florida Ecosystem Restoration and the Comprehensive Everglades Restoration Plan (CERP)	Robert F. Doren
9:10 a.m. to 9:30 a.m.	Combining herbicide application regimens with revegetation using maidencane cuttings control torpedograss infestations in wetlands at The Nature Conservancy's Disney Wilderness Preserve over three growing seasons.	Chris Matson
9:30 a.m. to 9:50 a.m.	Species distribution modeling of invasive plants in the state of Florida	Sarah J. Braun
9:50 a.m. to 10:10 a.m.	Amphibian Risk Assessment and Glyphosate Herbicides: Key Considerations for Laboratory And Field Experiments	Joy Honegger
10:10 a.m. to 10:30 a.m.	<i>Morning Refreshment Break</i>	
10:30 a.m. to 10:50 a.m.	Over Run: Coping with Invasive Exotic Animals in Florida	Dennis Giardina
10:50 a.m. to 11:20 a.m.	Do you recognize invasive Paper mulberry?	Nancy Coile
11:20 a.m. to 11:40 p.m.	"I'm Sorry, You've Been Voted off the Island": Quantifying Ecological Effects and Managing Invasive Exotic Plants in the Virgin Islands.	Dan Clark
11:40 p.m. to 12:00 p.m.	A Status Report of <i>Lygodium</i> Distribution in the Lake Wales Ridge Ecosystem	Tabitha Biehl and Anne Malatesta
12:00 p.m. to 1:00 p.m.	Lunch (On Your Own)	

<i>Session Moderator:</i>	<i>Drew Leslie</i>	<i>AV Technician: Steve Smith</i>
1:00 p.m. to 1:20 p.m.	Disposable Pets, Unwanted Giants: Pythons in Everglades National Park	Skip Snow and Sarah Oberhofer
1:20 p.m. to 1:40 p.m.	Invasive Plants – In the Library, In the Parks and in the Classroom	Karen Brown and Amy Richard
1:40 p.m. to 2:00 p.m.	Georgia Invasive Species Taskforce: Developing Interagency Cooperation to Manage Cogongrass (<i>Imperata cylindrica</i>) on a State-Wide Scale	Chris Evans
2:00 p.m. to 2:20 p.m.	GreenThumb Certified – Working with Nurseries to Stop Invasives	Alison Higgins

2:20 p.m. to 2:40 p.m.	<i>Hymenachne amplexicaulis</i> control at Myakka River State Park.	Brent Sellers
2:40 p.m. to 3:00 p.m.	Status of TAME Project	Cressida Silvers
3:00 p.m. to 3:20 p.m.	Australian Weed Risk Assessment	Doria Gordon
3:20 p.m. to 4:00 p.m.	Turning Knowledge into Chocolate	Alison Fox
4:00 p.m. to 4:30	21 st Annual Meeting of the Florida EPPC Adjourns	

Poster Presentations

Impact of the Stem-Mining Weevil <i>Mecinus janthinus</i> on Dalmatian Toadflax Populations In Idaho.	Maria Alejandra Barahona
Access to invasive and exotic species information and images Through Invasive.org.	Chuck Barger, Christopher W. Evans, G. Keith Douce and David J. Moorhead
A pilot study of herbicide-fire treatment to control <i>Lygodium Microphyllum</i> on tree islands	Mark Barrett, Bill Miller, Gayle Martin, Jeff Hutchinson, and LeRoy Rodgers
The <i>Lygodium</i> sawfly, <i>Neostromboceros albicomus</i> , a new potential biocontrol agent for Old World Climbing Fern, <i>Lygodium microphyllum</i>	Christine A. Bennett and William Pemberton
<i>Fergusonina turneri</i> (Diptera: Fergusoninidae) and its nematode symbiont, <i>Fergusobia quinquenerviae</i> (Tylenchida: Neotylenchidae): potential biological control agents of <i>Melaleuca quinquenervia</i> in south Florida	J. Scott Blackwood, Deah M. Lieurance, and Paul D. Pratt
Amphibian Risk Assessment and Glyphosate Herbicides: Key Considerations for Laboratory and Field Studies	Katherine H. Carr, Steven Levine, Donna R. Farmer, and Joy Honegger
Influence of Temperature and Humidity on Life History Characteristics of <i>Boreioglycaspis melaleucae</i> (Hemiptera: Psyllidae), a Biological Control Agent of the Invasive Tree <i>Melaleuca quinquenervia</i>	Robyn N. Chiarelli, Paul D. Pratt, Cressida S. Silvers, and Ted D. Center
Results of germination Trials for <i>Colubrina asiatica</i> (L.) Brogng. (Rhamnaceae)	Aimee Cooper, Cheryl McCormick, and Ken Langeland
No Evidence for an 'Evolution of Increased Competitive Ability' for <i>Lepidium drapa</i> .	Michael G. Cripps
Potential Biological Control of West Indian Marsh Grass (<i>Hymenachne amplexicaulis</i>) in Florida	Rodrigo Diaz
Detection and implications for management of <i>Lygodium microphyllum</i> on tree islands in water conservation areas	M. Furedi, J.C. Volin, M.S. Korvela S. Miao, and L. Rodgers III

IFAS Assessment of the Status of Non-Native Plants in Florida's Natural Areas.	Crysta Gantz
Investigating the Determinants of Local Scale Distribution of <i>Ruellia tweediana</i> (Syn: <i>R. Brittonia</i>) in Natural Areas	Karen Hupp
The Potential for Spread of <i>Lygodium microphyllum</i> Spores by Herbicide Applicators	Jeff Hutchinson
Monitoring the Effects of Repeated Aerial Herbicide Application on <i>Lygodium</i> and Native Species in the A.R.M. Loxahatchee National Wildlife Refuge.	Jeff Hutchinson, Ken Langeland, Mark Barrett, and Bill Miller
Herbicide me, Seymour...Palm Beach County's Invasive Non-native Vegetation Removal Incentive Program	Matthew King
Exotic Plant Species on Cumberland Island, GA	Ken Langeland and Thaddeus Hunt
Pigs In Space: Effects of Feral Hog (<i>Sus scrofa</i>) Rooting On Mortality of Chinese tallow (<i>Sapium sebiferum</i>) Seedlings in a Barrier Island Ecosystem.	Cheryl McCormick
Increased Growth Vigor of the Mustard <i>Lepidium draba</i> (L.) Provides Support for Invasiveness Hypothesis.	Jessica L. McKenney
Invasion of <i>Melaleuca quinquenervia</i> alters a southern Florida Forest Soil	Melissa R. Martin, James O. Sickman, and Philip W. Tipping
First-year results of a two-year study evaluating herbicide effectiveness on air potato (<i>Dioscorea bulbifera</i>)	Michael Meisenberg and Ken Langeland
Competitive effects of the invasive grass <i>Rhynchelytrum repens</i> (Willd.) C.E. Hubb. on pine rockland vegetation	Jennifer Possley and Joyce Maschinski
Impact of North American Insect Herbivores on the Invasive Plant, <i>Lepidium draba</i> .	Kenneth P. Puliafico
Landscape Genetics and Climatic Associations of Flea Beetle Lineages, and Implications for Biocontrol of Tansy Ragwort	Marianna Szucs
Host range of <i>Lophodiplosis trifida</i> (Diptera: Cecidomyiidae), a potential biocontrol agent of <i>Melaleuca quinquenervia</i> (Myrtaceae), under quarantine conditions.	Susan A. Wineriter and Ted Center
The efficacy of biological control against yellow starthistle in the Hell's Canyon ecosystem	Rachel Winston