

FLORIDA AQUATIC PLANT MANAGEMENT SOCIETY, INC.

VOLUME 59

Editor: Angie L. Huebner

THIRD QUARTER, 2005 NEWSLETTER

ANOTHER PLANT INVADER! Deep-rooted Sedge

Deep-rooted sedge, *Cyperus entrerianus*, is native to South America and was accidentally introduced into the United States around 1990. It is a wetland plant that is invading disturbed areas in the southeastern United States including Florida, Texas, Louisiana, Mississippi, Alabama and Georgia. The sedge invades wet, disturbed areas along highways, ditches and canals. Infestations of deep-rooted sedge out-compete and displace native vegetation. Seeds are dispersed by water, mowing, construction, agricultural and earth moving activities.

Identification and characteristics

The sedge is tall and can grow up to 40 inches. It is a robust, grass-like plant with deeply set thick rhizomes and dark purple to black leaf bases. The leaves are basal, flat or V-shaped, and glossy. The terminal inflorescence has 5-11 elongate rays and forms densely clustered spikelets. Large plants can produce a million seeds per year. Preliminary studies indicate this plant could rapidly spread as far north as North Carolina or even possibly the coastal plain of Virginia.

Prevention and control

Cleaning machinery, vehicles, equipment and clothing after use in areas that are infested will prevent the spread of the sedge. Mowing the plant at 2 to 4 week intervals will suppress seed production. Applying herbicides will control the sedge.

For more information about this plant visit these websites:

<http://www.se-eppc.org>
<http://www.plantatlas.usf.edu/>

Located In These Florida Counties



Wunderlin, R. P. and B.F. Hansen,
2004, Atlas of Florida Vascular Plants
(<http://www.plantatlas.usf.edu/>)



Charles T. Bryson, USDA ARS, www.forestryimages.org

UGA1117062



UGA1117064

*In this issue—***Annual Training Conference Information**
More Info Available on the FAPMS web site!

Third Quarter 2005 FAPMS Board of Directors' Meeting

Officers:

President	Keshav Setaram
President Elect	Bill Moore
Past President	Steve Weinsier
Secretary	Angie Huebner
Treasurer	David Farr
Editor	Jeff Holland

Directors:

Christine Bauer	Todd Olson
Polly Ellinor	Chance Dubose
Bill Torres	Buddy Deese
Bill Haller	Johnnie Drew
Mike Netherland	

Absent: Jeff Holland, Christine Bauer, Bill Haller, Mitch Morgan, Mike Bodle, Jackie Smith, Jennifer Bustos-Fitz, Lonnie Pell, Don Doggett

Location: Hilton St. Petersburg
333 First Street South
St. Petersburg, Florida 33701

Date and Time: Wednesday 19 July 2005 at 10:00am

I. CALL TO ORDER

President Setaram called the meeting to order at 10:27am.

II. ROLL CALL AND MINUTES

Angie Huebner took the roll and President Setaram declared a quorum. President Setaram asked if anyone had any deletions, omissions or modifications to the minutes of the Second Quarter 2005 Board of Director's Meeting. A correction to the second sentence in the treasurer's report is as follows: President Setaram reported the current account balances: checking-\$2,090.19; savings-\$9,617.95; Strong money market-\$13,572; total accounts-\$25,280.54; inventory and fixed assets-\$4,269.37; total current assets-\$29,549.91. A correction to the second sentence in the auditing report is as follows: Steve also cautioned the BOD's about providing donations since FAPMS funding is limited. He also cautioned that sponsorship for the annual training conference last year was less than in previous years. Another correction to the minutes in the governmental affairs report in the first sentence is as follows: Bill Haller reported

there is an action in Congress that will exempt FIFRA from NPDES permits. A correction to the sixth sentence in the report for the mailing list is as follows: Bill Haller made a motion to have Jackie Smith accept additional responsibilities to assist the treasurer, if needed, with work items including registration for the annual training conference through the end of the year. A motion was made by Steve Weinsier to accept the minutes for the Second Quarter 2005 Board of Directors' Meeting with the aforementioned corrections. Polly Ellinor seconded the motion and the motion passed unanimously.

III. CORRESPONDENCE

No correspondence was discussed.

IV. TREASURER'S REPORT—David Farr

David Farr provided the treasurer's report for the BOD to review. He reported the current account balances: checking-\$5,071.45; savings-\$9,333.32; Strong money market-\$13,643.54; total accounts-\$28,048.31; inventory and fixed assets-\$3631.95; total current assets-\$31,680.26. He also reported the tax renewal certificate will be placed on the website. Plant id charts will be given to people who have pre-registered for the meeting at the registration table. President Setaram stated he recently sent registration forms to David for the meeting and estimated the amount for registration was \$3000-\$4000. President Setaram also stated that Katherine Johnson needs to be reimbursed for cost for the FAPMS post office box.

V. SECRETARY'S REPORT—Angie Huebner

Angie Huebner requested that information be forwarded for the newsletter.

VI. EDITOR'S REPORT—Jeff Holland

No report was given. A comment was made that Jeff has had difficulty getting articles for *Aquatics*. A suggestion was made to ensure that county extension offices are on the FAPMS mailing list. Todd Olson made a motion to accept the treasurer's, secretary's and editor's reports. David Farr seconded the motion and the motion passed unanimously.

VII. COMMITTEE REPORTS

1. Auditing—Steve Weinsier

Steve Weinsier commented that David Farr is doing a good job in regards to the Society's membership. Steve requested that profit and loss be incorporated into the treasurer's report. David will fax a copy of the final tax report form to Steve.

2. Awards—Mitch Morgan / Vicki Pontius

Vicki Pontius reported that Mitch Morgan has been working to acquire the awards and door prizes for the annual training conference. It was also mentioned the President, Treasurer, Secretary and 3

directors will be leaving the BOD this year. Suggestions for door prizes included donating FAPMS merchandise and asking exhibitors to donate door prizes. There will not be a golf tournament this year.

3. By-Laws–Mike Bodle

No report was given. A generic timeline needs to be completed for the annual training conference. Chance Dubose and Tim Harris will complete the timeline.

4. Financial–Keshav Setaram

No report was given.

5. Governmental Affairs–Bill Haller

A report was not given by Bill Haller. Bill Torres reported the Florida Department of Environmental Protection has funding to complete tussock removal this year. The registration for 2-4D has been approved within EPA.

6. Historical–Robbie Lovestrang

Robbie Lovestrang reported more storage bins are needed to archive FAPMS materials. He also requested that an additional label be added to the mailing list so that a newsletter and *Aquatics* magazine are saved as archives. Robbie also reported that more and better quality photos are needed. A comment was also made that a display is needed for next year's 30th anniversary.

7. Local Arrangements–Bill Torres

Bill Torres reported the Presidential Reception will be at the pier at Captain Al's. FDEP has a van that will be available to shuttle members to/from the reception. There was a discussion about insurance issues. David Farr will research this issue and report back to the BOD. Bill reported that a request to use audio visual equipment that is not provided by the hotel has to be completed and submitted to the hotel. Menu options have been identified for the awards banquet. Steve Weinsier made a motion to have the Memphis BBQ menu for the awards banquet. Polly Ellinor seconded the motion and the motion passed unanimously. Complementary rooms will be provided for registration participants and the keynote speaker. A total of 10 or 11 complementary room nights will be provided to participants. Bill also reported he has been researching options for the 2007 annual training conference. Options to date: Hilton at St. Petersburg–\$99 per night and Panama City–Gulf Villas starting at \$68 per night.

8. Mailing List–Jackie Smith

No report was given.

9. Merchandising–Jennifer Bustos-Fitz

Steve Weinsier provided the merchandise committee report completed by Jennifer Bustos-Fitz. Items have been selected to purchase for FAPMS merchandise. A recommendation was made to set a spending limit of \$2,500. Steve Weinsier made a motion to set a spending limit of \$2,500 to purchase FAPMS merchandise. Polly Ellinor seconded the motion and the motion passed unanimously.

10. Nominating–Steve Weinsier

The slate for the 2006 FAPMS candidates is as follows: president-elect – Vicki Pontius, editor – Jeff Holland, secretary – Stephanie Walters, treasurer – Jennifer Myers and three directors – Robbie Lovestrang, Bruce Jagers and Jennifer Bustos-Fitz. David Farr made a motion to approve the slate for the 2006 BOD candidates. Todd Olson seconded the motion and the motion passed unanimously. Candidates need to provide a biography to Angie Huebner. Biographies will be placed in the 3rd quarter newsletter.

11. Past President Advisory–Steve Weinsier

No report was given.

12. Program–Chance Dubose and Tim Harris

Chance reported some adjustments need to be made to the program due to some cancellations. The 4th quarter BOD meeting will be at 2:00pm on 7 November 2005. Some suggestions were made to add topics such as storm water treatment areas, tussock removal, copper treatments and spot treatment of hydrilla in the Kissimmee chain of lakes.

13. Membership & Publicity–Bill Moore

Bill Moore reported that FAPMS membership is approximately 400. There was a discussion about how to determine membership for each year. A motion was made by Bill Moore that membership fees paid after July will be for membership during 2006. The motion generated a discussion that it needs to be determined if this information should be added to the by-laws or SOP. Chance Dubose seconded the motion and the motion passed unanimously.

14. Resource Demonstration–Lonnie Pell

No report was given. Suggestions for completing demonstrations included Alligator World, water safety programs and GIS/GPS mapping.

15. Scholarship–Don Doggett

Polly Ellinor reported for Don Doggett that 5 applications were received for the Paul C. Myers Dependent Scholarship. Three \$1000 scholarships will be awarded to 3 recipients.

16. Vendor–Lonnie Pell

No report was given.

VIII. OLD BUSINESS

There was a discussion about how to increase and promote more active FAPMS membership and how to bridge the gap between national and regional chapters. There was also a discussion about having a joint meeting with the Florida Lake Management Society. It was determined that meeting dates and missions of the organizations presented conflicts in having a joint meeting.

IX. NEW BUSINESS

No new business was discussed.

ADJOURNMENT

The next BOD meeting will be on 7 November 2005 at 10:00am at the St. Petersburg Hilton. Todd Olson made a motion to adjourn the meeting. The motion received a second from David Farr. President Setaram adjourned the meeting at 2:03pm.



Paul C. Myers Applicator Dependent Scholarship Recipients

The Florida Aquatic Plant Management Society Scholarship and Research Foundation awarded scholarships to three individuals this year. Daniel Deese, Heather Hertel, and Katie Hertel each received \$1000 for the newly named Paul C. Myers Applicator Dependent Scholarship.

Daniel is the son of member Buddy Deese and is a freshman at the University of Miami studying marine science.

Heather and Katie are daughters of member Eric Hertel. Heather is a senior at Indian River Community College studying nursing. Katie is a freshman, also at Indian River Community College and also studying nursing. Congratulations to the recipients and their families! The Foundation is proud to support them and we wish them well in their academic endeavors.



Florida Aquatic Plant Management Society Newsletter Advertisement Registration Form

The FAPMS Newsletter reaches nearly 600 applicators, supervisors and administrators in Florida. You now have a chance to advertise your goods and services to the people who will use them. Please remit all payments and 2 business cards to:

FAPMS
P.O. Box 560700
Orlando, FL 32856

One issue - \$30.00 \$ _____

One year (four issues) — \$100.00 \$ _____

TOTAL: \$ _____

Receipt requested from FAPMS? Yes No

Thank you for your support.

If you have any other questions concerning this matter please contact jackie.c.smith@dep.state.fl.us

FAPMS Annual Training Conference-November 8-10, 2005

Register for the Conference and Make Your Reservations Now!

The FAPMS 29th Annual Training Conference is just around the corner so don't wait to complete your registration forms and make your reservations. The conference will be November 8-10, 2005 and will be held at the St. Petersburg Hilton. The Hilton is located at 333 First Street overlooking Tampa Bay and features a restaurant/bar, health club and business services. The hotel is located in the Waterfront District in the Bay Walk Entertainment Complex. The room rate is \$79 per night. Make your reservations by calling the Hilton at 727 894-5000 and be sure to tell them you will be attending the FAPMS Conference to ensure you receive the special room rate.

There are many ways to get involved at the conference. You can complete a demo for the Resource Demonstration or enter

your best picture in the photo contest. Don't miss this opportunity! For more information about how to get involved in this year's conference check out the FAPMS website at www.fapms.org.

If you have questions regarding local arrangements, please contact Bill Torres by phone at 850-245-2809 or by email at william.torres@dep.state.fl.us. Vendors with questions please contact Lonnie Pell by phone at 321-752-6866 or by email at lonniep@sepro.com. More information concerning the conference and hotel may be obtained from the FAPMS website at www.fapms.org. For more information regarding St. Petersburg visit <http://www.stpetehilton.com/>.

PRELIMINARY SCHEDULE FAPMS 2005 TRAINING CONFERENCE

Monday, November 7, 2005

- 12:00-10:00 PM Exhibit/Vendor Setup
- 2:00 PM FAPMS Board of Director's Meeting
- Tuesday, November 8, 2005
- 8:00 AM REGISTRATION AND EXHIBITS,
Open Until 5:00 PM
- 8:00 AM Past Presidents' Meeting/FAPMS
Research and Scholarship Foundation Meeting
- 10:00 AM FAPMS 29th Annual Meeting
Call to Order - **Keshav Setaram** -President
Invocation - **Robbie Lovestrand**
Announcements - Program
Local Arrangements/CEUs
- 10:15 AM Presidential Address- **Keshav Setaram**, Orange County
Environmental Protection, Orlando, FL

GENERAL SESSION I Moderator - Keshav Setaram

- 10:30AM Keynote Speaker -**Joseph C. Joyce, Ph.D.**, "Time And People
Change But Do The Problems"
- 11:00 AM "Bureau of Invasive Plant Management Overview" **Bill Torres**,
FDEP Bureau of Invasive Plant Management, Tallahassee, FL
- 11:15 AM "Legislative Update Regarding Invasive Plant Issues" **Chris
Doolin**, Robert P. Jones and Associates, Tallahassee, FL
- 11:30 AM "Everglades Restoration: An Overview of Restoration and Invasive
Species Management Activities" **Art Roybal**, U.S Fish and Wildlife Service,
Vero Beach, FL
- 11:45 AM "The Future of Aquatic Plant Management" **Carlton Layne**, CRL
Enterprises, Marietta, GA

12:00 - 1:00 Lunch (on your own)

GENERAL SESSION II Moderator - Vicki Pontius

- 1:00 PM PRIZE DRAWING
- 1:05 PM "Toxic Freshwater Algae in Florida" Ed Philips, PhD, and **Mete Yilmaz**,
University Of Florida, Gainesville, FL

1:20 PM "Lyngbya Growth and Control in Southern Reservoirs" **Dr. John
H. Rogers, Jr.**, Clemson University, Clemson, SC

1:35 PM "Cylindrospermopsis raciborskii in Florida Freshwater Systems"
Christopher D. Williams, **Andrew Chapman**, Mark T. Aubel, and Peter Daiu-
to. GreenWater Laboratories/Cyanolab, Palatka, FL

1:50 PM "Water Quality and Cyanobacterial Management in the Ocklawaha
Chain of Lakes" **Rolland Fulton Ph.D.**, Micheal Coxeney, and Walt Goodwin,
StJohns River Water Management District, Palatka, FL

2:05 PM "Managing Tussocks and Floating Islands in Florida Public Waters"
Jeffrey D. Schardt, DEP Invasive Plant Management, Tallahassee, FL

2:20 PM "50 Years Of Aquatic Plant Control in Florida" **Bob Blackburn**,
Future Horizons, Hastings, FL

2:50 PM BREAK

GENERAL SESSION III Moderator - Ed Harris

3:05 PM PRIZE DRAWING

3:10 PM "Know Your Flow" **James Shultz**, Lake Worth Drainage District,
Delray Beach, FL*

3:35 PM "Snagging and Tree Removal on The Ocklawaha River" **John Ma-
son**, US Army Corps of Engineers, Palatka, FL*

3:50 PM "Lake Isabella Restoration" **Chris Mayhew**, Highlands County In-
vasive Plant Dept., Sebring, FL*

4:00 PM "Hydrilla Management" **James Godfrey**, St. Johns River Water
Management District, Palatka, FL*

4:15 PM "Seminole County What We Do Here" **Anthony Walker**, Seminole
County. Sanford, FL*

4:30 PM "Vanishing Ears" **Victor Anderson**, City Of Orlando, Orlando, FL*

4:45 PM "Developing A Management Work Plan" **Steve Montgomery**, All-
state Resource Management, Davie, FL*

5:00 PM Adjourn

7:00 PM PRESIDENTIAL RECEPTION

Wednesday, November 9, 2005

GENERAL SESSION IV
Moderator - Polly Ellinor

7:55 AM PRIZE DRAWING

8:00 AM "Industry Update" **Phil Waller**, BASF, Lakeland, FL

FAPMS 2006 Slate of Officers

The 2006 slate of officers and director-at-large candidates has been recommended by the nominating committee to fulfill duties for the society. These candidates have a broad range of experience and backgrounds making management and budget decisions similar to the decisions that will likely face the FAPMS board. The selected candidates have experience in aquatic plant management operations and/or administration.

President-Elect: Vicki Pontius

Vicki Pontius is the Parks and Recreation Director for Highlands County, stationed in Sebring. She has worked for the Highlands County Board of County Commissioners for twenty-three years, the past nine as a director of twenty employees. Her aquatic/upland plant management duties include administering and budgeting for field operations in water bodies within county and state jurisdiction. Vicki has been an active member of FAPMS for ten years, has served on the FAPMS Board of Directors and served twice as Program Co-Chairman.

Editor: Jeff Holland

Jeff Holland is employed as a Biologist/Limnologist in the Aquatic Biology Department of the Reedy Creek Improvement District's (RCID) Environmental Services Laboratory. Jeff has been employed by RCID for the past 17 years. He is responsible for the coordination of monitoring and lake management activities within RCID's jurisdiction, which encompasses all Walt Disney World properties. Jeff received an A.S. degree in Oceanographic Technology from the Florida Institute of Technology and a B.S. degree in Limnology from the University of Central Florida in 1987 under Dr. John Osborne. He has been an active member of FAPMS for over 11 years, served on the awards committee for 3 years, served as chair of the merchandise committee and as Editor for 1 year. Jeff was elected to be the first Environmental Director for FL BASS Federation in 1991 and was the Central Regional FL BASS Federation Director from 2000 thru 2002.

Secretary: Stephanie Walters

Stephanie has been involved with the Florida agriculture industry for over 14 years and has a strong background in the nursery and foliage industry. She has worked in the aquatic & vegetation management industry for over 4 years. Stephanie has been employed with ProSource One for 8 years and her current role is AVM & Government accounts manager. She has been in this position since the fall of 2000. Stephanie has been a member of FAPMS as well as other related organizations throughout the state since 2001.

Treasurer: Jennifer Myers

Jennifer Myers is the office manager for Applied Aquatic Management Inc. She graduated from the Uni-

versity of Florida in 1996 with a degree in Ag Operations and a minor in Business Administration. In 2002 Jennifer received her Masters Degree in Business Administration from Florida Southern College. She has served as chairman of the Auditing Committee, Awards Committee and Merchandise Committee.

Director: Bruce Jagers

Bruce attended college at the University of Missouri at St. Louis and the University of Florida (UF) and graduated with a B.S. degree in Wildlife Ecology in 1980 from UF. While at UF he worked at the Center for Aquatic and Invasive Plants researching grass carp. In 1986 he was hired by the Florida Fish and Wildlife Conservation Commission (at that time known as Florida Game and Fresh Water Fish Commission) to work on the Aquatic Plant Management Project with primary responsibilities for permitting grass carp and aquatic plant management in north central Florida. Most recently Bruce has been working in the Aquatic Habitat Restoration and Enhancement Section with primary responsibilities for conducting projects to restore and enhance aquatic habitat in north central Florida. Bruce has been a member of FAPMS since 1986 and the American Fisheries Society since 1980.

Director: Jennifer Bustos Fitz

Jennifer has eight years of experience in the waterway management industry and has expertise in both internal and external operations including aquatic weed control, wetland planting and maintenance, water quality testing and fish and wildlife monitoring. She has two years of experience in storm water drainage system management. Jennifer is a state of Florida licensed applicator in the Aquatic and Natural Area categories. She certified by the Florida Department of Environmental Protection as a certified Storm Water Management Inspector. Jennifer is a past President of the South Florida APMS and is currently an active committee member. She is also a past and active committee member for FAPMS.

Director: Robbie Lovestrand

Robbie Lovestrand attended Texas A&M and graduated with a MS in Wildlife and Fisheries Science in 1986. From 1986-1989 he worked as Assistant in Fisheries at the University of Florida (Dr. Canfield, Dr. Cichra). Work included assessment of the role of aquatic plants in lakes. He also worked in aquatic education and pond management. Robbie has been employed with the Florida DEP Bureau of Invasive Plant Management as a Regional Biologist for Marion, Levy, Citrus, Hernando, and Sumter Counties since 1989. He assists the public with aquatic plant questions and aquatic plant control permitting. Robbie also surveys, plans and monitors aquatic plant control work on public water bodies. He has been a member of FAPMS member since 1989 and has chaired the Historical Committee for 3 years.

8:10 AM "Stingray Aquatic Herbicide Aquatic Update" **Rick Iverson, FMC**, Philadelphia, Pa

8:17 AM "Diamond Mower, Wet Blade Systems - New Techniques for Mechanical Application of Herbicide" **David 'Dusty' Wojciechowski**, Despecks Enterprises Inc

8:24 AM "Numbers You Need to Know" **William T. Haller Ph.D.**, University of Florida, IFAS, Gainesville, Fl

8:55 AM "Proper Decontamination of Clothing and Equipment" **Jeff Hutchinson**, Ken Langeland Ph.D., University Of Florida, IFAS, Gainesville, Fl

9:10 AM "Integrated Management and the Role of Biological Control" **Michael J. Grodowitz**, U.S. Army Corps of Engineers, Vicksburg, Ms

9:25 AM "Update on Limonene surfactant tests" **Steve Brewer**, Brewer International, Vero Beach, Fl

9:35 PM "Selective Weed Management; Hygrophila Screening Trials" **Dr. Vernon V. Vandiver, Jr.** Vandiver Consultants Corporation, Gainesville, Fl

10:00 AM **BREAK**

GENERAL SESSION V Moderator – Karen Brown

10:15 AM **PRIZE DRAWING**

10:20 AM "APMS Update" **Jeffrey D. Schardt**, DEP Invasive Plant Management, Tallahassee, FL

10:30 AM "Upland Invasive Plants in Florida and Florida EPPC Update" **Jim Burney**, Aquatic Vegetation Control Inc, Riviera Beach, FL

10:45 AM "Florida Lake Water Quality Issues" **Dave Watson**, University of Florida Lake Watch, Gainesville, FL

11:00 AM "The Value of Aeration for Aquatic Management" **Robert D. Blackburn, Jr.** Future Horizons, Inc. Hastings, Fl

11:07 AM "Aquatic Ecosystem Restoration Foundation Update" **Carlton Layne**, Executive Director, Marietta, GA

11:22 AM "New Developments in Adjuvant Technologies" **George Menocal**, Prosource One, Miami, Fl

11:32 AM "Habitat Renovation and Wildlife Management using Reward and Touchdown Pro: A Case Study in the Coastal Bend of Texas" **Jim Petta**, Syngenta, New Braunfels, Tx

11:47 AM "FWC - New Operational Procedures" **Bruce Jagers**, Florida Fish and Wildlife Conservation Commission, Eustis, Fl

12:02 – 1:00 PM **LUNCH** (On your Own)

GENERAL SESSION VI Moderator – Tyler J. Koschnick

1:05 PM **PRIZE DRAWING**

1:10 PM "2,4-D Re-Registration and Potential Label Amendments" **Jerry Miller**, NuFarm, Cary, NC

1:25 PM "Mapping Hydrilla Densities In Lake Kissimmee" **Doug Henderson**, Remetrix LLC, Carmel, Indiana

1:32 PM "Pesticide Regulatory Update" **Liz Braxton**, Florida Department of Agriculture and Consumer Services, Tallahassee, Fl

1:47 PM "Blue-Green Algae Dominance within Florida Springs: Are Invasive Plant Management Paradigms Harming Ecosystem Resilience in a Time of Nutrient Enrichment" **Jason Evans**, University of Florida, School of Natural Resources and the Environment, Gainesville, Fl

2:02 PM "Endothall-Current and Future EPA Registration" **Dharmen Setaram**, Cerexagri

2:17 PM "Product Development for Hydrilla Management" **Michael D. Netherland Ph.D.**, US Army Corps of Engineers, Gainesville, Fl

2:32 PM **BREAK**

GENERAL SESSION VII Moderator – John Rogers

2:47 PM **PRIZE DRAWING**

2:52 PM "Herbicides and How They Work" **Greg MacDonald Ph.D.**, University of Florida, Gainesville, Fl

3:20 PM "Herbicide Resistance in Agriculture – What Have We Learned and What Does it Mean For Aquatics?" **Les Glasgow Ph.D.**, Syngenta, Vero Beach, Fl

3:50 PM "TopFilm™ - New Sticker Reducing Spray Frequency and Saving Costs" **Lucia G. I. Marshall, Ph.D.**, BioSorb Inc., Saint Charles, Mo

3:57 PM **Resource Demo**

7:00 PM **FAPMS Awards Banquet**

Thursday, November 10, 2005

GENERAL SESSION VIII Moderator – Todd Olson

8:00 AM **PRIZE DRAWING**

8:05 AM "Ornamental Plant Response to Irrigation Water Containing Diquat" **Chris Mudge** and William T. Haller Ph.D., University of Florida, Gainesville, Fl

8:20 AM "Limpograss (*Hemarthria altissima*) in the Kissimmee River Floodplain" **Brent Sellers Ph.D.**, University Of Florida, Ona, Fl

8:35 AM "Industry Update" **Harry Knight**, Applied Biochemists, Cullman, Al

8:45 AM "Copper and Diquat for Control of *Landoltia punctata*" **Tyler J. Koschnick**, University of Florida IFAS, Gainesville, Fl

9:00 AM "SEPRO Updates With Emphasis On Sonar Precision Release, SPI022 And Renovate", **Lonnie Pell**, SePro Corporation, Carmel, IN

9:15 AM "New Herbicide Products From Dow AgroSciences" **Scott Ditmarsen**, Dow AgroSciences, Tampa, Fl

9:22 AM "Introduction To Naturchem" **John MacLaren**, Naturchem Inc., Ft. Meade, Fl

9:29 AM "Materials and Methods for Fish Barriers: What Works and What don't" **Lowell Trent**, Amur Aquatics, Apopka, Fl

9:44 AM **TBA**

10:01 AM **BREAK**

GENERAL SESSION IX Moderator- Bill Moore

10:20 AM **PRIZE DRAWING**

10:25 AM "Revisiting Biological Control of Hydrilla: Crystal River Case Study" **James Cuda Ph.D.**, University of Florida, Gainesville, Fl

10:40 AM "Biocontrol of Hydrilla in Florida" **Greg Wheeler Ph.D.**, US Dept of Agriculture, Ft. Lauderdale, Fl

10:55 AM "Managing Aquatic Vegetation With Grass Carp In Constructed Waters" **John Cassani**, Lee County Hyacinth Control District, Ft. Myers, Fl

11:10 AM "Use of Grass Carp in Aquatic Plant Management" **Daniel Willis & Mark Hoyer**, University Of Florida, IFAS, Gainesville, Fl

11:25 AM "Vegetation Mapping using GIS and High Resolution Aerial Photography" **Paul Mason**, UAP Timberland LLC, Oviedo, Fl

11:32 AM **GRAND PRIZE DRAWING**

12:00 PM **Adjourn FAPMS 29th Annual Meeting**

• Denotes Applicator Paper



Florida Aquatic Plant Management Society

29th Annual Training Conference

November 7-10, 2005

Registration/Membership Form

Additional names: _____

Date: _____

Name: _____

Agency/Company: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Fax: _____ E-mail: _____

Check here if your contact information has **changed**

Membership dues for calendar year(s) _____ New Renewal \$ _____

Active \$35 Associate (out of state) \$35 Contributing \$50 Student \$5

Membership includes a subscription to *Aquatics* and the FAPMS newsletter.

Conference registration(s) _____ @ \$100 pre-registration, \$150 after October 18, 2005 \$ _____

Extra banquet ticket(s) _____ @ \$25 each \$ _____

Other, please specify, e.g. donation _____ \$ _____

Contribution to scholarship fund \$ _____

Total \$ _____

Cash; check number: _____ Purchase order number: _____

Visa MasterCard Discover Credit card number: _____

Pre-registrations must be **paid in full** by October 18, 2005

Name on credit card: _____ Expiration date: _____

Mail to: FAPMS
P.O. Box 560700
Orlando, FL 32856

E-mail: Registration@fapms.org

For hotel reservations call the St. Petersburg Hilton at (727) 894-5000. Please make room reservations by October 7 and reference FAPMS when you call to get the special room rate of \$79 per night. The St. Petersburg Hilton Hotel is located at 333 First Street, St. Petersburg, FL 33701

Note: Continuing Education Units (CEUs) will be offered at this training conference.

Check here if you need your receipt before the conference.

For individuals needing copies of a W-9 one can be found at http://www.fapms.org/Information_center.html

2005 TRAINING CONFERENCE SPONSORS

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UPCOMING MEETINGS

October 27 - 28, 2005

Annual Conference on Ecosystems Restoration
and Creation

Tampa, FL

www.hccfl.edu/depts/detp/ecoconf.html

November 9-11, 2005

25th International Symposium NALMS 2005

Madison, WI

www.nalms.org

June 6-9, 2007

Fourth International Reservoir Symposium: Balancing Fisheries Management and Water Uses for Impounded River Systems. Atlanta, Georgia.

Sponsored by the Southern Division American Fisheries Society Reservoir Committee. Contact Mike Colvin, Mike.Colvin@mdc.mo.gov.

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Robbie Lovestrand.....	352-726-8622	Scholarship	
Local Arrangements		Don Doggett.....	239-694-2174
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