

# AQUATIC PLANT NEWS

A Newsletter of The Aquatic Plant Management Society, Inc.  
P.O. Box 821265, Vicksburg, MS 39182-1265  
Chetta Owens, Editor Issue Number 89, October 2008

**Mission:** "The Aquatic Plant Management Society, Inc., strives to promote environmental stewardship through operations, research, education and outreach related to integrated management of vegetation in aquatic systems"

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## Message from the President, Carlton Layne

Here it is barely two and a half months into my term and already I'm five months behind. Who says my federal experience was wasted? In keeping with the political season, I've been told that this is the newsletter where I make up all the wonderful things we're going to do this year. Since I'm already elected, I think I'll forego that exercise and lay out some thoughts about the Society and the directions I'd like to take. I'm adopting part of the Hippocratic Oath to "First, Do no harm."

It may just be a coincidence that our financial markets have gone south just about the time that Immediate Past President Petta headed in that direction, but it does give one pause. For those who don't know, Jim Petta has accepted a posting with Syngenta Professional Products in Chile. He will be the Patron or Jefe of a new Syngenta farm that he is designing and building pretty much from scratch. Jim's presence will be missed at the aquatic meetings and I will miss his friendship very much. He thinks his Spanish is better than it really is, so there's no telling what crops will actually be planted and harvested there. His email address has remained the same so send him a message every now and then.

On a more serious note, financial issues are on everyone's mind these days. I'm sure APMS' investments will take a hit like everyone else's. We have enjoyed some pretty good meetings during the past few years thanks to the generosity and largess of our sponsors. Because of them our registration fees have remained relatively stable and we have thus been able to choose meeting sites and locations that present opportunities for some enjoyment outside the meeting halls and after the events of the day have ended. It would be imprudent for us to think that the Society and our benefactors will emerge unscathed by the scope of the nation's fiscal problems. That doesn't mean that we'll be meeting at the Motel 6 near the Atlanta airport next year, but we will have to tighten our financial belts and see what tomorrow brings.

I have appointed an *ad hoc* committee to (1) examine the society's financial circumstances to assure its soundness and (2) review our expenditures and make recommendations to the Board in regards to how to best conserve our resources and spend our money responsibly. Richard Hinterman will head that effort. The Board will consider his findings in January and implement recommendations as appropriate.

Secondly, I would like to see a closer working relationship with the various APMS Chapters. Our recent joint meetings have been very successful thanks in large measure to the tireless efforts of the host chapters. With our impending fiftieth anniversary we had to move quickly on the selection of a location for that meeting in Florida. We will meet in Milwaukee next summer and we'll meet in Bonita Springs, Florida in 2010. I can recall when we knew where our meeting locations were going to be for three years out. It turns out we can get some pretty good deals with the major hotel chains if we can guarantee meetings with them for three years regardless of where the meetings are located. It makes sense from both a fiscal and a chapter relationship standpoint to get back to the way we used to plan our meetings. With more time to plan the meetings and coordinate with the host chapter, our meetings, local arrangements and our respective relationships can only improve.

Lastly, there has been a lot of talk about the necessity – or not—of the APMS hiring an Executive Secretary or an Executive Director, or a meeting planner or some such critter to work for the Society. Dr. Greg MacDonald has been tasked with examining this question and bringing recommendations to the Board for consideration at the January meeting. We've been a volunteer organization since the beginning and as we've grown, we've become dependent on the charity of various organizations that have housed the Secretary, the Treasurer or both – such as the Lee County Water Hyacinth Control District, the Army Corps of Engineers, and various state and local agencies who may or may not have been aware of their contributions to APMS in terms of time, paper, computers, copiers and personnel. We are beginning to get an understanding of what the loss of that level of support can mean to the Society in both expenditures and logistical support. If you have an opinion or some ideas in regards to this matter, please contact me or our President-Elect, Dr. Greg MacDonald, at [pineacre@ufl.edu](mailto:pineacre@ufl.edu).

Thanks for all of your support and for tolerating me for so many years. I've never felt more comfortable than when I've been with a group of aquatic plant managers. Send me your ideas on how the Society can be improved from your perspective. I guarantee I'll consider all but the goofiest ones. I'm looking forward to seeing and talking with you at the next chapter meeting.

Sincerely,  
Carlton

**Charleston, SC**  
**2008 Aquatic Plant Management**  
**Society**  
**Student Affairs Committee**  
**Tyler Koschnick**

This year, 17 students participated in the annual meeting representing six Universities: Clemson, Colorado State, Kent State, Mississippi State, North Carolina State, and University of Florida. There were 9 student papers and 9 student posters.

The winners of the Student Poster Contest were:  
1<sup>st</sup> (tie): Justin Reeves, Kent State University  
1<sup>st</sup> (tie): Rory Roten, North Carolina State University  
2<sup>nd</sup>: Jenny Johnson, North Carolina State University

The winners of the Student Paper Contest:  
1<sup>st</sup> (tie): Bridget Lassiter, North Carolina State University  
1<sup>st</sup> (tie): Joseph Vassios, Colorado State University  
2<sup>nd</sup>: Ryan Wersal, Mississippi State University

Immediately following the annual meeting, students participated in a tour of regional weed management projects that was co-sponsored by AERF, SC APMS, Santee Cooper, Duke Energy, Clemson University, and University of Georgia (photos below). The tour made stops at: Clemson/South Carolina Universities' Baruch Institute Laboratories; Arundo, Chinese

Tallow, and Phragmites control demonstration sites (including Mansfield Plantation); and an airboat tour of Lake Moultrie. Special thanks to Tommy Bowen, Ken Manuel, Jack Whetstone, Larry McCord, and Chip Davis for their assistance with the tour.

## **New APMS Student Representative**

Joshua Cheshier, Mississippi State University, is the 2008-2009 student representative to serve on the APMS Board of Directors. The student representative serves a one-year term, with voting privileges, and will attend and participate in all Board of Directors meetings.

## **Thanks to Our 2008 Commercial Sustaining Members for Their Valuable Support to the APMS**

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**Applied Aquatic Management, Inc.**  
**Applied Biochemists**  
**AquaMaster**  
**Aquatic Control, Inc.**  
**Aquarius Systems**  
**Aquatic Eco-Systems, Inc.**  
**Aquatic Weed Technologies, Inc.**  
**Becker Underwood**  
**BioSonics, Inc.**  
**Brewer International**  
**Clean Lakes, Inc.**  
**Cygnat Enterprises, Inc.**  
**Diversified Waterscapes, Inc.**  
**Nufarm Americas**  
**Phoenix Environmental Care, LLC**  
**ReMetrix, LLC**  
**SePRO Corporation**  
**Syngenta Professional Products, Inc.**  
**UAP Distribution, Inc.**  
**United Phosphorus, Inc.**

## **Milwaukee, Wisconsin Site of the 49th Annual APMS Meeting**

Mark your calendar, July 12-15, 2009 for the 49<sup>th</sup> Annual Meeting of the Aquatic Plant Management Society. The Hyatt Regency, located in downtown Milwaukee, is connected to the Midwest Airlines Convention Center, Federal Plaza and Grand Avenue Mall. It is only two blocks from the Entertainment District and one block from the Riverwalk. Milwaukee is located on Lake Michigan, so plan on visiting one of the Great Lakes.

The Planning Committee (which always needs volunteers) is planning exciting and entertaining events for relaxing, visiting, and chatting with friends and colleagues. The Program Committee (also seeking volunteers) pledges a diverse and educational program of oral and poster presentations on aquatic plant research and management.

More information will be coming soon to the APMS website at [www.apms.org](http://www.apms.org) and upcoming newsletters.

## **Hydrilla Observations in Kentucky**

**Ryan Oster, Kevin Frey and Paul Rister**  
**Kentucky Department of Fish and Wildlife**

Four Kentucky reservoirs are presently known to have established populations of hydrilla. In 2000, hydrilla was observed in Paintsville Lake, in 2005 at Dewey Lake, and during 2006 at Kentucky Lake. Hydrilla was also found in Carr Creek Lake. Carr Creek, Dewey and Paintsville Lakes are in eastern Kentucky and Kentucky Lake is in western Kentucky.

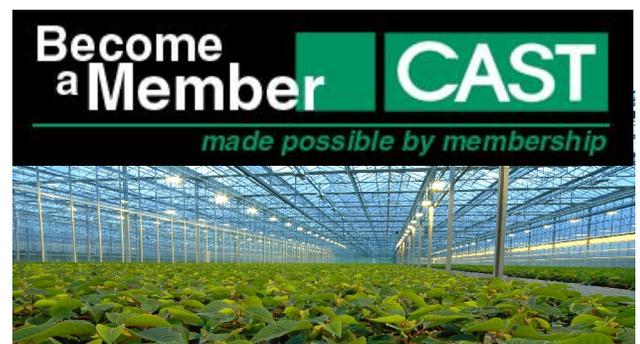
The current degree of infestation of hydrilla at each reservoir varies. At Paintsville Lake (1,150 acres) hydrilla has spread throughout the

lake, but has remained close to shoreline areas due to the deep water depth. With consecutive dry summers in 2007 and 2008 and with zebra mussels significantly clearing the water, hydrilla has expanded dramatically in Dewey Lake (1,100 acres). The majority of Dewey Lake is < 20 ft depth and is heavily silted. Carr Creek Lake (710 acres) has hydrilla well established at one site to a depth of 15 feet. Carr Creek, Paintsville and Dewey Lakes are US Army Corps flood control reservoirs.

At Kentucky Lake, hydrilla was observed at a highly used public boat ramp in 2006. The rooted colony expanded to the small embayment at this ramp site, encompassing about 2 acres. However, Kentucky Lake is the last reservoir on the mainstem of the Tennessee River. Hydrilla has heavily infested Lake Guntersville in Tennessee, which is upstream of Kentucky Lake. In recent years, in the Tennessee portion of Kentucky Lake approximately 2,000 acres of hydrilla has been documented. Up until 2008, surveys for hydrilla have only revealed the dioecious variety of hydrilla in Kentucky Lake. The most recent survey by Tennessee Valley Authority biologists did reveal a small colony of monoecious hydrilla. So although hydrilla in Kentucky's portion of Kentucky Lake is just now showing up, there are larger colonies which have the potential to continue to spread downstream by fragmentation, seeds and boaters.

Biologists with Kentucky Department of Fish and Wildlife Resources are formulating plans of control and implementing public awareness measures. Materials for invasive species watch and stop aquatic hitchhikers are being released to the public. Signage will be constructed for placement at boat access ramps.

## **Dr. John Madsen representative to C.A.S.T.**



You have received this card because you are an excellent candidate for CAST membership. Please visit our website to learn more about the value of becoming a CAST member.

[www.cast-science.org](http://www.cast-science.org)

The Science Source for Food,  
Agriculture, and Environmental Issues

## **Have You Checked the APMS Member Directory Lately?**

We need your help to update the mailing and E-mail addresses and phone numbers in our on-line Membership Directory. To do this, go to the APMS website at [www.apms.org](http://www.apms.org) and click on "Member Directory." This member only feature can be accessed by typing:

Username = apms  
Password = duckweed

Username and password are case sensitive (no caps). Please check your personal data and send any changes to the Webmaster, Dave Petty at [dpetty@ndrsite.com](mailto:dpetty@ndrsite.com).

## **APMS Promotional Information Available**

The APMS has revised its two tabletop displays and posters, suitable for presentation at conferences and stakeholder meetings. Also available are tri-fold membership brochures and a newly completed eight-page color booklet with additional information about the APMS programs and initiatives. You may borrow the display for your next conference and obtain copies of the brochure and booklet by contacting the APMS Secretary or President whose contact information is on the APMS website at [www.apms.org](http://www.apms.org).

## **WAPMS Scholarship Announcement**

The Western Aquatic Plant Management Society (WAPMS) is pleased to announce the 2009 Barbra H. Mullin Memorial Scholarship in the amount of \$1,000 to support students in the pursuit of a degree in aquatic sciences.

To be eligible, applicants must be currently 1) enrolled as a full-time undergraduate or graduate student in an accredited college or university in the western United States and 2) engaged in course work or research related to the biology, ecology, management, or education of aquatic plants. All scholarship applicants will receive a one-year membership to WAPMS and a waiver

of registration fees for the meeting in Honolulu, Hawaii March 29 to April 1, 2009.

Applications will be judged by a committee of academic, industry, and agency representatives. Judging will not be done by individuals with a personal or institutional affiliation with the applicant. Announcement of the scholarship winner will be made at the 2009 WAPMS meeting. Winner need not be present.

Application Procedure:

1. Applicant must provide a short resume/curriculum vitae, transcripts of college/university coursework (unofficial is acceptable), and a statement that describes the intended use of scholarship funds, applicable collaborators, and the applicant's career goals. The statement should be limited to four pages (double spaced).
2. Two letters of support must be presented. At least one should be from a college/university faculty member familiar with the applicant's abilities, interests and career goals. Letters may be emailed.
3. All application materials should be submitted electronically to the WAPMS Scholarship Program Chair, Toni Pennington ([toni.pennington@tetrattech.com](mailto:toni.pennington@tetrattech.com)), by February 20, 2009 at 5:00 (PCT).



# 48<sup>th</sup> Annual Meeting in Charleston, SC, 2008



Banquet Night!



Jim Petta (President) and Carlton



Jim presenting the President's award to Kurt Getsinger



Mike Grodowitz and Jim Petta presenting Atul Puri with award for best poster receiving award



Carlton and students!



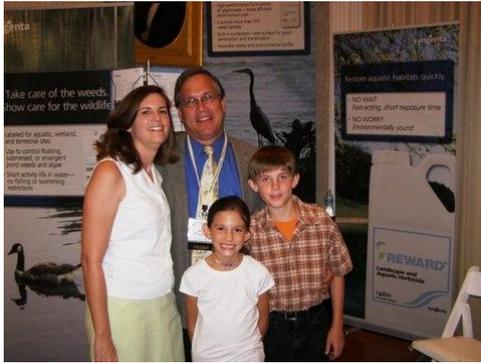
Carlton, Richard and reverse raffle winner, Maria Angel!



Reverse raffle!



Students!



Jim Petta and family!



Meeting Room!



Bill Zattau, Harry Knight and Bob Gunkel



Presidents Banquet!



Dharmen Setaran, Sherry Whitaker and Janet Scallions



Presidents Banquet!



Don Doggett and family



Ryan Wersal and Jim Petta

~ CALENDAR OF EVENTS ~

<b>Date:</b>	<b>Event:</b>	<b>Contact/Go to:</b>
October 11-15, 2008	4th National Conference on Coastal and Estuarine Habitat Restoration; Providence, RI	<a href="http://www.estuaries.org/">http://www.estuaries.org/</a>
October 13-16, 2008	32 <sup>nd</sup> Annual Training Conference, Florida Aquatic Plant Management Society (FAPMS); Daytona Beach, FL	<a href="http://www.fapms.org/meeting.html">http://www.fapms.org/meeting.html</a>
October 14-17, 2008	Joint Conference of the Natural Areas Association (NAA) and National Association of Exotic Pest Plant Councils (NAEPPC); Nashville, TN	<a href="http://www.naturalarea.org/2008ConferenceAnnouncement.asp">http://www.naturalarea.org/2008ConferenceAnnouncement.asp</a>
October 21-23, 2008	27 <sup>th</sup> Midsouth Aquatic Plant Management Society (MSAPMS); Mobile, AL	<a href="http://www.msapms.org/new/index.html">http://www.msapms.org/new/index.html</a>
October 28-29, 2008	Mississippi-Alabama Bays and Bayous Symposium 2008; Biloxi, MS	<a href="http://masgc.org/page.asp?id=209">http://masgc.org/page.asp?id=209</a>
November 6-8, 2008	35 <sup>th</sup> Annual Conference on Ecosystems Restoration and Creation; Plant City, FL	<a href="http://www.hccfl.edu/departments/ifs.aspx/conference">http://www.hccfl.edu/departments/ifs.aspx/conference</a>
November 11-14, 2008	28 <sup>th</sup> Annual International Symposium, North American Lake Management Society (NALMS); Lake Louise, Alberta, CAN	<a href="http://www.nalms.org">http://www.nalms.org</a>
November 14-16, 2008	Aquatic Gardeners Association (AGA) Convention; Atlanta, GA	<a href="http://www.aquatic-gardeners.org/convention.html">http://www.aquatic-gardeners.org/convention.html</a>
December 8-11, 2008	A Conference on Ecosystem Services (ACES); Naples, FL	<a href="http://conference.ifas.ufl.edu/aces/index.html">http://conference.ifas.ufl.edu/aces/index.html</a>
December 8-11, 2008	63 <sup>rd</sup> Annual Meeting, North Central Weed Science Society (NCWSS); Indianapolis, IN	<a href="http://www.ncwss.org/">http://www.ncwss.org/</a>
January 19-21, 2009	10 <sup>th</sup> Annual Conference, Northeast Aquatic Plant Management Society (NEAPMS); Saratoga Springs, NY	<a href="http://www.neapms.net/">http://www.neapms.net/</a>
January 25-30, 2009	American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting 2009; Nice, FR	<a href="http://aslo.org/meetings/nice2009/">http://aslo.org/meetings/nice2009/</a>
January 27-30, 2009	Golden Alga International Symposium 2009; Fort Worth, TX	<a href="http://www.tpwd.state.tx.us/landwater/water/enviroconcerns/hab/ga/research/symposium09.phtml">http://www.tpwd.state.tx.us/landwater/water/enviroconcerns/hab/ga/research/symposium09.phtml</a>
February 9-12, 2009	Joint Meeting of the Weed Science Society of America (WSSA) and Southern Weed Science Society (SWSS); Orlando, FL	<a href="http://www.wssa.net/">http://www.wssa.net/</a>
March 1-4, 2009	29 <sup>th</sup> Annual Conference, Midwest Aquatic Plant Management Society (MAPMS); Chicago, IL	<a href="http://www.mapms.org/MAPMSConf2009.html">http://www.mapms.org/MAPMSConf2009.html</a>
March 24-26, 2009	6 <sup>th</sup> International Integrated Pest Management (IPM) Symposium; Portland, OR	<a href="http://www.ipmcenters.org/ipmsymposium09/">http://www.ipmcenters.org/ipmsymposium09/</a>
March 29-April 1, 2009	28 <sup>th</sup> Annual Meeting, Western Aquatic Plant Management Society (WAPMS); Honolulu, HI	<a href="http://www.wapms.org/newsletters/2008_summer.pdf">http://www.wapms.org/newsletters/2008_summer.pdf</a>

June 22-26, 2009

30<sup>th</sup> Annual Meeting, Society of Wetland Scientists (SWS);  
Madison, WI

[http://www.sws.org/2009\\_meeting/index.mgi](http://www.sws.org/2009_meeting/index.mgi)

July 12-15, 2009

49<sup>th</sup> Annual Meeting, Aquatic Plant Management Society  
(APMS); Milwaukee, WI

<http://www.apms.org>

## 2009 APMS Officers, Directors, Committee Chairs and Special Representatives

### Office

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Web Site	Michael Grodowitz	(601) 634-2972	michael.j.grodowitz@usace.army.mil

### Special Representatives

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## **ACKNOWLEDGEMENTS**

Special thanks to LeeAnn Glomski for review, assistance and guidance on this newsletter! And Dwilette McFarland for helping with the Calendar of Events!

**Visit the APMS WEB SITE**  
**[www.apms.org](http://www.apms.org)**

**For members only features: username = apms**  
**password = duckweed**