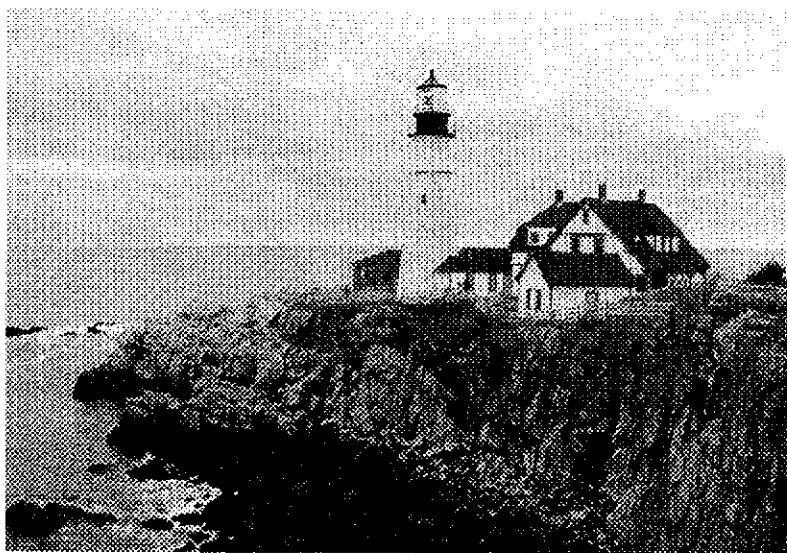




# AQUATIC PLANT NEWS

A Newsletter of The Aquatic Plant Management Society, Inc., Issue No. 72 March 2003  
Linda Nelson, Editor, CEERD-EP-P, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199

## *Portland, Maine is the Site for 43<sup>rd</sup> Annual Meeting*



The 43<sup>rd</sup> Annual Meeting of the Aquatic Plant Management Society will be held July 20-23, 2003 at the Holiday Inn by the Bay Hotel and Convention Center in Portland, Maine. Portland offers a climate of cool summer breezes with average temperatures ranging from the 60's to the 80's. During July, lightweight clothes are recommended, with a sweater or jacket for evenings. The Portland area offers a broad selection of activities and events, including ocean lighthouses, museums, galleries, beaches, and outdoor activities.

Our Program Chair is busy arranging an exemplary meeting certain to peak the interest of all delegates. The technical program will begin Monday morning and end at noon on Wednesday. The program promises to be diverse and interesting with excellent oral and poster presentations on research and management activities. In addition, the industry exhibits will provide useful information on available aquatic plant management products and professional services.

The Local Arrangements Committee has been busy arranging interesting special events. Our meeting will kick off with the President's Reception on Sunday evening. As the official welcoming event of the meeting, this reception is an excellent time to reacquaint with old friends, meet new friends, and just relax and enjoy great food and beverage. The Guest Tour will depart the hotel on Monday morning for an entertaining tour of local attractions and a luncheon at a local restaurant. The APMS Banquet on Tuesday evening will be a traditional New England clambake. The clambake will feature award winning clam chowder, steamer clams and cultivated mussels, and Maine lobster caught by local fishermen. Barbequed chicken will be offered as an alternative to lobster and a children's menu will also be available. We will bring it all to an end on Wednesday afternoon with the APMS Awards Luncheon. During the luncheon we will recognize those who have served and contributed to the society, welcome new officers and directors, and present student paper and other awards. These special events are free to all registered delegates, guests, and students. Non-registered guests may purchase individual tickets for these events at the registration desk.

- Continued on next page...

### **43<sup>rd</sup> Annual Meeting - continued**

To make your hotel reservations, call **Holiday Inn by the Bay** reservations at 207-775-2311 or 1-800-345-5050. **You must make your reservation on or before June 18, 2003, and be sure to mention the Aquatic Plant Management Society, Inc.** Special guest room rates are \$125.00 single or double per occupancy night plus applicable tax, currently 7%. All reservations must be guaranteed with a major credit card. Cancellation of reservation must be made by 6:00 p.m. on the day of arrival. Check in time is 4:00 p.m. and check out time is 12:00 noon. Room rates are good for 1 day before and after the meeting, based on availability.

The meeting registration fees are \$200.00 for delegates, \$75.00 for guests (spouse, partner, child over 12 years of age), and \$50.00 for students (non-competing), if received by July 1, 2003. After this date, registration fees at the door will be \$250.00 for delegates and \$100.00 for guests. **You can save money and help us in planning for meeting functions when you pre-register by completing the Pre-Registration form available in this newsletter and submitting it prior to July 1, 2003.**

Please visit the APMS web site at [www.apms.org](http://www.apms.org) for more meeting information. An exceptional venue and a variety of things to do will make this a memorable meeting, so plan to attend with your entire family.

### **Check the APMS Web Page for Up-to-date Meeting Information**

[www.apms.org](http://www.apms.org)

- Registration Information/Forms
- Hotel/Travel Information
- Call for Papers Instructions
- Meeting Agenda
- Student Paper Contest Information
- Exhibitor Information
- Special Events
- Sponsorship Information

### **2002-2003 Sustaining Members**

Applied Biochemists, Inc.  
*Milwaukee, WI*

Aqua Solutions/Master's Dredging  
*Lawrence, KS*

Aquatic Control, Inc.  
*Seymour, IN*

Biosonics, Inc.  
*Seattle, WA*

Brewer International  
*Vero Beach, FL*

Cerexagri, Inc.  
*Philadelphia, PA*

Cygnets Enterprises, Inc.  
*Flint, MI*

Dow AgroSciences  
*Indianapolis, IN*

Electronic Data Solutions  
*Jerome, ID*

Griffin, LLC  
*Valdosta, GA*

Pump Systems/Solar Bee  
*Westminster, CO*

ReMetrix, LLC  
*Carmel, IN*

SePRO Corporation  
*Carmel, IN*

Syngenta Professional Products  
*Wilmington, DE*

UAP Timberland, LLC  
*Memphis, TN*

**ATTENTION STUDENTS**  
**APMS Student Paper Contest 2003**

The Aquatic Plant Management Society is soliciting student papers for the upcoming annual meeting to be held July 20-23, 2003, in Portland, Maine.

Presentations of original research on the biology or ecology of aquatic plants, control methods (biological, chemical, mechanical, cultural) for invasive or nuisance native plants, and restoration projects involving wetland or aquatic plants are solicited. Papers that emphasize nuisance algae control or ecology, the impact of aquatic plant management on fisheries, and the relationship between aquatic plant management and water quality are also highly encouraged.

The Society encourages students to present their findings and gain a valuable perspective on aquatic plant problems and various management applications throughout the U.S. The meeting locale in Portland, Maine provides an excellent opportunity for students from the Northeastern U.S. to attend and present research on aquatic plants in this region.

The APMS has a strong ethic of student support and all qualified attendees will be provided free room accommodations (based on double occupancy) and waiver of registration fees. In addition, 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place prize money will be awarded. This meeting presents an opportunity for students to develop their presentation skills, learn about the field of aquatic plant management, meet with key Government, University, and Industry representatives, and peers with similar educational or professional interests. For more information about the contest, please contact:

**Dr. Mike Netherland**  
**SePRO Corporation**  
**1730 East 156<sup>th</sup> Street**  
**Carmel, IN 46033**  
**(317) 580-8288**  
**Email: miken@sepro.com**

**Aquatic Weed Control Short Course**  
**May 19-22, 2003**  
**Fort Lauderdale Marriott North**  
**Fort Lauderdale, FL**

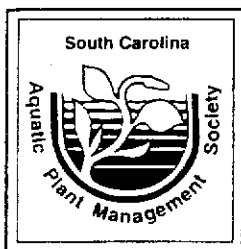
The University of Florida Institute of Food and Agricultural Sciences (IFAS) announces that the Aquatic Weed Control Short Course is scheduled for May 19-22, 2003, at the Fort Lauderdale Research and Education Center and the Fort Lauderdale Marriott North on Andrews Avenue. The course will feature workshops and training on: Plant Identification; Pesticide Label Interpretation; Pesticide Safety; Aquatic Weed Management Techniques; Natural Areas Weed Management; Aquatic Plant Culture and Revegetation; Biological Control; Right-of-Way Weed Control Methods; and Herbicide Application Equipment Calibration. Continuing Education Units (CEU's) can be earned in Aquatic, Right-of-way, CORE, and many other categories toward renewal of Commercial, Public and/or Private Pesticide Applicator licenses.

For additional Short Course Program information contact: Tyler Koschnick  
Short Course Organizer  
Phone: (352) 392-5126  
Fax: (352) 392-3462  
Email: tjkoschnick@mail.ifas.ufl.edu

For additional registration information contact:  
Maryann Edge  
Short Course Coordinator  
Phone: (352) 392-5930  
Fax: (352) 392-9734  
Email: medge@mail.ifas.ufl.edu

Or check the following web site:

**[www.conference.ifas.ufl.edu/aw/](http://www.conference.ifas.ufl.edu/aw/)**



**\$2,000 AQUATIC PLANT SCHOLARSHIP GRANT**

The South Carolina Aquatic Plant Management Society, Inc. is seeking applications for its annual scholarship grant. A \$2,000 grant will be awarded to the successful applicant in the Fall of 2003. Grant funds may be used by the recipient to cover costs associated with education and research expenses. Eligible applicants must be enrolled as full-time undergraduate or graduate students in an accredited college or university in the United States. Course work or research in an area related to the biology, ecology, or

management of aquatic plants in the Southeast is also required. Applications must be received no later than **May 1, 2003** and will be evaluated on the basis of relevant test scores (ACT, SAT, GRE, etc.), grades, quality and relevance of course work or research, a proposed budget, references, and other related considerations. Persons interested in applying should contact: **Danny Johnson, SC Department of Natural Resources, 2221 Devine Street, Suite 222, Columbia, SC 29205, Phone (803) 734-9099, Email: johnsond@dnr.state.sc.us**

## DEMONSTRATION OF A DIGITAL HYDROACOUSTIC/GPS SYSTEM FOR MAPPING SUBMERSED AQUATIC PLANTS

Participant spots are available for a field demonstration of a submersed aquatic plant detection and mapping system to be held during the 2003 APMS Conference in Portland, ME. Participants will see the equipment in operation, observe processing of data, and generation of maps. Separate demonstrations are planned for Sunday, July 20 (3:30-6:30 p.m.) and Monday, July 21 (5:30-8:30 p.m.) at nearby Highland Lake. Shuttle bus transportation to and from the lake will be provided from the conference hotel. To reserve a spot contact Bruce Sabol, and please indicate your preferred day.

Bruce Sabol  
U.S. Army Engineer Research and Development Center  
Vicksburg, MS  
Phone: (601) 634-2297; FAX: (601) 634-3726  
Email: Bruce.M.Sabol@erdc.usace.army.mil

This demonstration is jointly sponsored by the U.S. Army Engineer Research and Development Center, BioSonics, Inc., and ReMetrix LLC. It is intended to highlight technology developed under the U.S. Army Aquatic Plant Control Research Program and successfully transitioned to industry and the aquatic plant management community.

**Book Review: Freshwater Algae of North America  
John D. Wehr and Robert G. Sheath, Editors  
Published by Academic Press, 2002**

This is the first complete identification guide to the freshwater algae to have been published in 50 years, and it is a much needed update that will be valuable to anyone working in water quality and algal management. The book contains keys, photographs, drawings, and written descriptions of algae, and methods of collection and preservation. In addition to chapters on all the major algal groups (including the blue-green algae), there are chapters on freshwater habitats, use of algae in environmental assessments, and the control of nuisance algae. This is a very important book for those of us in the aquatic plant management area, and it should be on the bookshelf of anyone doing algal identifications. The price is \$129.95 and can be ordered by going to [www.academicpress.com](http://www.academicpress.com). Don't miss out on this one!

Dr. Carole Lembi  
Purdue University

## Need a Vacation Before or After the APMS Meeting?

by Jeff Schardt

If you have a week or two before or after the 43<sup>rd</sup> Annual Aquatic Plant Management Society meeting and want to enjoy the cool climate (average temperatures 70's/50's) just a bit longer, there are plenty of outdoor journeys in the northeast for casual and energetic explorers. You can consult your travel agent for the obvious attractions like Niagra Falls or the big cities including Boston and New York. Three other considerations are to: stay in the neighborhood and explore Maine; extend your range and visit the rest of northern New England and New York; or for the adventurous, head further northeast into the Canadian Maritimes, Newfoundland and Labrador.

**Maine:** If you like the sea and seafood, you are in the right place. Maine's 3,500 miles of coastline support more than 60 lighthouses, twice that number of towns and villages (with attendant shops, restaurants, inns, and antiques), one National and more than a dozen State Parks. Just up the road from Portland, be sure to slow down in Wiscasset to see two remnants of Maine's seafaring past, the stranded hulks of the Hesper and Luther Little, the last of New England's four-masted schooners. Acadia National Park offers trails and roads to rocky beaches as well as mountains that overlook the sea.

Maine also known as the Pine Tree State, is more than seashore, potatoes, and blueberries. Seventeen million acres of forests provide some of the finest hiking, fishing, and white water rafting in the east. Baxter, the largest of Maine's parks, lies in north central Maine at the southern end of the Allagash Wilderness Waterway. Both preserves are known for fishing and wildlife including large numbers of moose. Mile high Mt. Katadin in Baxter Park is the highest point in Maine and northern terminus of the Appalachian Trail. Climb nearby Turner Mountain for spectacular views, or find your way to Round Pond for an almost certain encounter with moose feeding on lush aquatic vegetation. The Allagash offers 3-7 day canoe excursions along its 92-mile course of interconnected lakes and streams.

### Elsewhere in Northern New England and New York:

Start your journey from Portland on US 302 west to NHSR 16 in White Mountain National Forest. Go north about 25 miles to the toll road that leads to the top of Mt. Washington, highest point in the northeastern US – or stay on US 302 to Bretton Woods and ride the cog railway from the base to the summit. Afterwards, make your way to Exit 35 on I-93 and head south to the Franconia Notch for geological points of interest including The Old Man of the Mountain made famous by Nathaniel Hawthorne, and the water-carved Flume and Basin. If you like covered bridges, forget Madison County. With more than 150 from which to choose, covered bridge viewing, and associated romance is best in Vermont and New Hampshire. At least two web sites ([www.state.nh.us/nhdhr/bridges/](http://www.state.nh.us/nhdhr/bridges/) and [www.virtualvermont.com/coveredbridge/](http://www.virtualvermont.com/coveredbridge/)) give directions and photos to preview before your journey. I recommend the bridges in Bath, New Hampshire on US 302 just before entering Vermont.



Covered bridge in Bath, New Hampshire

Bridges and more scenic byways abound in Vermont. So does water – the Connecticut River borders the east and Lake Champlain on the west. Walk the shores of Lake Champlain at the Maritime Museum at Basin Harbor for a commercial and military history of the lake, and at the Burlington Shipyard to view construction of the Lois McClure, a full-scale reproduction of early 1800's canal schooners that sailed the lake and operated in the canal connecting Lake Champlain to the Hudson River. Afterwards, take the ferry across to Adirondack Park. This 6 million acre labyrinth of preserves and private lands dominates northern New York. The park boasts hundreds of campgrounds, 2,000 miles of trails, 3,000 lakes and ponds, and 42 peaks above 4,000 feet; thousands of opportunities to unwind.



- Continued on next page -

## Travel Story continued...

**Canadian Maritimes, Newfoundland, and Labrador:** If entering the Maritimes (New Brunswick, Nova Scotia, and Prince Edward Island) by land, be sure to see Fundy National Park; famous for its 30+ feet tidal variations. Use caution walking the beaches at low tide – the water returns quickly. An interesting side trip is watching the gulls surf the tide bore twice daily on the Petitcodiac River in Moncton, about 25 miles inland from the Bay of Fundy. Nova Scotia is accessible by road from New Brunswick or via a six-hour ferry excursion from Bar Harbor, Maine next to Acadia National Park. Coastal highways pass through scores of communities and fishing villages. Consider a few hours in Peggy's Cove with its many tourist amenities, or Lunenburg, headquarters of the Fisheries Museum of the Atlantic and home port of the *Bluenose II*, replica of the famed fishing (racing) schooner of the early 1900's (depicted on the reverse of the Canadian dime). The twin cities of Halifax and Dartmouth offer history, inns, and sidewalk cafes. Further east on Cape Breton Island enjoy Celtic events, mountains that drop into the sea and the wilderness of Cape Breton Highlands National Park.

From Sydney on Cape Breton Island, take another six-hour ferry to eastern Newfoundland or an 18-hour voyage to St. John's, capital of Newfoundland and Labrador, on Newfoundland's southeast coast, and reportedly oldest city in North America. From here you can sail to view whales, puffins, and icebergs. Or drive across the island to volcanic landscapes and ancient fjords in Gros Morne National Park en route to L'Anse aux Meadows, first trodden by Vikings about 1,000 years ago. A 90-minute ferry trip from St. Barbe on Newfoundland's Great Northern Peninsula will land you in Blanc-Sablon (on the Quebec boarder) at the head of a 50-mile stretch of paved highway that connects the villages on the southern coast of Labrador. From these relaxing shores watch icebergs and whales pass through the Strait of Belle Isle to the Gulf of St. Lawrence.



Peggy's Cove, Nova Scotia



Cape Breton Island

### Texas Aquatic Plant Management Society Conference

September 15-17, 2003  
South Padre Island, TX

Come to the wonderful Bahia Mar Resort on South Padre Island where the TAPMS 2003 conference promises to be another stimulating gathering for resource managers and researchers focusing on aquatic plants across Texas. Whether you see aquatic plants from an academic, regulatory or management prospective, Texas is considered one of the "hot spots" on various aquatic plant related issues. Keep up-to-date with the latest research projects, technological advances, laws and regulations, educational and outreach programs in Texas.

#### 1<sup>st</sup> Call for Presentations:

Twenty-minute presentations on all aspects of biology, management, and ecology of aquatic and wetland environments will be considered.

Title and Abstract deadline: **August 15**

For more information contact:

Larry Hartman at [larryh@sepro.com](mailto:larryh@sepro.com) - or -  
Chetta Owens at [chetta@laerf.org](mailto:chetta@laerf.org)  
Or visit: [www.tapms.org](http://www.tapms.org)

----- UPCOMING MEETINGS AND EVENTS - 2003 -----

<u>DATE</u>	<u>EVENT</u>	<u>LOCATION</u>	<u>CONTACT</u>
May 19-23	The Aquatic Weed Control Short Course	Ft. Lauderdale Marriott North Ft. Lauderdale, FL	Tyler Koschnick Phone: 352-392-5126 tlkoschnick@mail.ifas.ufl.edu www.conference.ifas.ufl.edu/aw
June 8-13	Society of Wetland Scientists 24 <sup>th</sup> Annual Meeting	Hyatt Regency Hotel New Orleans, LA	www.sws.org
July 20-23	43 <sup>rd</sup> Annual Meeting, Aquatic Plant Management Society	Holiday Inn by the Bay Portland, Maine	Ken L. Manuel, Program Chair Duke Power Company - MG03A3 13339 Hagers Ferry Road Huntersville, NC 28078 Phone: 704-875-5424 E-mail: klmanuel@duke-energy.com
September 15-17	Texas Aquatic Plant Management Society (TAPMS)	Bahia Mar Resort South Padre Island, TX	Larry Hartman E-mail: larryh@sepro.com Chetta Owens E-mail: chetta@laerf.org www.tapms.org
November 3-7	Invasive Plants in Natural and Managed Systems (IPINAMS): Linking Science and Management - AND - 7 <sup>th</sup> International Conference on the Ecology and Management of Alien Plant Invasions – a joint meeting	Wyndham Bonaventure Resort and Spa Ft. Lauderdale, FL	www.esa.org/ipinams-emapi7/
November 4-8	North American Lake Management Society (NALMS)	Foxwoods Resort & Casino Mashantucket, CT	Elizabeth Herron, Conference Chair emh@uri.edu www.nalms.org

## Welcome New Members.....

The Aquatic Plant Management Society is pleased to welcome the following new members. Welcome to APMS!

George Wortley, Tampa, FL  
Lucia G.I. Marshall, St. Charles, MO  
Stacy Sollisch, Boca Raton, FL  
Sherry Whitaker, Vicksburg, MS  
George Weich, Pawleys Island, SC  
Paul Hausler, Grand Rapids, MI

Greg Haubrich, Yakima, WA  
Kim D. Patten, Long Beach, WA  
Tom Broadwell, Smyrna, GA  
Nathan Stone, Pine Bluff, AR  
Brian O'Neill, Ashton, PA  
Greg Reynolds, Tampa, FL

# THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.

The Aquatic Plant Management Society, Inc. is an international organization of scientists, educators, students, commercial pesticide applicators, administrators, and concerned individuals interested in the management and study of aquatic plants. The membership reflects a diversity of federal, state, and local agencies; universities and colleges around the world; corporations; and small businesses.

Originally The Hyacinth Control Society, Inc. when founded in 1961, The Aquatic Plant Management Society, Inc., is a respected source of expertise in the field of biological, mechanical, and chemical aquatic plant management and aquatic plant sciences. The Society has grown to include several regional and state chapters. Through these affiliates, annual meetings, newsletters, and the *Journal of Aquatic Plant Management*, members keep abreast of the latest developments in the field.

The objectives of the Society are to assist in promoting the management of nuisance aquatic plants, to provide for the scientific advancement of members of the society, to encourage scientific research, to promote university scholarship, and to extend and develop public interest in the aquatic plant science discipline.

Send this form to:

*Aquatic Plant Management Society, Inc.*  
Post Office Box 1477  
Lehigh, FL 33970-1477

## Application for Membership

Name of Applicant \_\_\_\_\_

Current Title and Business or Institution Name & Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

*There are three regular classes of membership available to applicants, according to the Charter of our Society which was adopted in 1961. These membership classes are:*

ACTIVE MEMBERSHIP ..... \$ 50.00  
STUDENT MEMBERSHIP ..... \$ 20.00  
COMMERCIAL SUSTAINING MEMBERSHIP ..... \$ 500.00

*Each of these membership classes provides an individual (Active or Student) or an organization (Commercial Sustaining) a single vote in society elections, and single copies of both the Journal and the newsletter. Commercial sustaining membership also includes exhibit space at the annual meeting. In addition to these membership classes, the Society also provides a Subscription Membership class for those wanting to be added to the mailing list for the Journal only (i.e., Libraries). This class does not include the newsletter, nor are subscribers allowed to vote in Society elections.*

LIBRARY SUBSCRIPTION ..... \$ 70.00

AMOUNT OF REMITTANCE \$ \_\_\_\_\_ (Make checks to APMS, Inc.)

Please check the following to request additional information on APMS regional chapters!

Florida APMS     Mid-South APMS     Midwest APMS     Nile Basin APMS  
 South Carolina APMS     Western APMS     Texas APMS     Northeast APMS  
 Brazil APMS

**The Aquatic Plant Management Society, Inc.**  
**Post Office Box 1477**  
**Lehigh, Florida 33970-1477**