



AQUATIC PLANT NEWS

A newsletter of The Aquatic Plant Management Society, Inc. No. 58 May 1998
Mike Stewart, Editor, CEWES-ES-P, 3909 Halls Ferry Road, Vicksburg, MS 39180

It's Time to Rock 'n' Roll!

Our 38th Annual Meeting will be held in Memphis, Tennessee on the bluffs that rise from the mighty Mississippi River. The Crowne Plaza, located in the heart of downtown Memphis, is the site for our meeting on July 12-15, 1998. Committee members have been very busy selecting interesting presentations for the technical sessions, and arranging entertaining social events for relaxing and visiting with colleagues. In addition to the diverse oral and poster presentations, we have invited a distinguished guest from Ducks Unlimited to speak in the Opening Session on wetlands management. Our social activities will begin with the President's Reception on Sunday evening. On Monday evening, the SePRO Corporation will sponsor a reception at the River Terrace Yacht Club on Mud Island. As always, our premier event will be the Tuesday night Banquet and Awards Ceremony. A private cruise on the Mississippi River aboard the Memphis Showboat should prove to be a memorable occasion.

For the spouses, on Monday we have arranged a tour of Graceland, the home of Elvis Presley. You will depart the Crowne Plaza at 9:00 a.m. via motorcoach for Graceland, where you will enjoy the Platinum Tour. This tour includes a visit inside Graceland Mansion, Meditation Gardens, Elvis' Automobile Museum, Elvis' personalized airplanes (the Lisa Marie and the Hound Dog), and the Sincerely Elvis Museum. After the Graceland tour you will lunch at the Hard Rock Cafe on Beale Street before returning to the hotel at 2:00 p.m.

Families traveling with children will love the diverse activities available in Memphis. An excellent outing for children of all ages might be the Pink Palace Museum and Planetarium, which features Mid-South regional exhibitions, a state-of-the-art planetarium, and an IMAX theater. Or you might explore the Memphis Zoo with more than 400 species of animals, birds, and reptiles to view. Or you might enjoy some good old-fashioned fun at Libertyland theme park, offering thrill rides, musical shows, shops, games, educational attractions, and kiddie rides.

For those looking for nightlife, Memphis offers the Beale Street Historic District, the Pinch Historic District, and the Overton Square Entertainment District. Beale Street is one of America's most famous streets, and is home to many nightclubs and restaurants offering a variety of food and live music, including traditional Blues, Rhythm and Blues, Jazz, and Rock 'n' Roll. The Pinch is adjacent to the Crowne Plaza and is the newest entertainment area in downtown Memphis, with seven restaurants/bars with live entertainment. The Overton Square entertainment area is in the heart of Memphis and includes restaurants, live music, comedy, dancing, and theater. (*see Local Arrangements - page 2*)



Inside This Issue

Memphis Attractions and	
Special Activities	1
Local Arrangements	2
Sustaining Members, '97-98	2
Draft Program	3-6
Upcoming Meetings	7
Pre-registration Form	8
Announcements	9
- Proposed Bylaws Changes	
- Nominations for Office	
- APMS Website	
- Other stuff	
Membership Application Form	10

APMS '97-98 Sustaining Members

AMERICAN CYANAMID CO.
Wayne, New Jersey

APPLIED BIOCHEMISTS, Inc.
Milwaukee, Wisconsin

AQUA-PRO RISK MANAGEMENT
Howell, Michigan

AQUARIUS SYSTEMS
North Prairie, Wisconsin

AQUATICS UNLIMITED
Martinez, California

BREWER INTERNATIONAL
Vero Beach, Florida

CHEMICAL CONTAINERS, Inc.
Lake Wales, Florida

CYGNET ENTERPRISES, Inc.
Flint, Michigan

DOW AGROSCIENCES
Indianapolis, Indiana

ELF ATOCHEM
Exton, Pennsylvania

ELLICOTT INTERNATIONAL
(Mud Cat Division)
Port Byron, New York

GRIFFIN CORPORATION
Valdosta, Georgia

HELENA CHEMICAL CO.
Port Orange, Florida

MENZI USA SALES, Inc.
Lakeland, Florida

MONSANTO AGRICULTURAL CO.
St. Louis, Missouri

RESOURCE MANAGEMENT, Inc.
Turnwater, Washington

RHONE-POULENC AGRICULTURAL CO.
Research Triangle Park, North Carolina

SEPRO CORPORATION
Carmel, Indiana

ZENECA PROFESSIONAL PRODUCTS
Wilmington, Delaware

"Extreme" Scholastic Endowment Raffle Prize

Cygnat Enterprises, Inc., has donated a 4 day 3 night Bahamas cruise package on Carnival Cruise Lines. This trip includes airfare from Atlanta and is for two people. The dates are from 11/08/98 to 11/12/98. Income generated from the raffle of this and other donated prizes will be added to the APMS Scholastic Endowment Fund.

(Local Arrangements - continued from page 1)

As you can see, the good times will roll this July in the city that is known as the "Birthplace of Rock 'n' Roll" and the "Home of the Blues." So plan to attend, bring the family, and make your reservations today!

Meeting Registration

The meeting registration fees are \$80.00 for delegates and \$60.00 for guests (spouse, partner, children over 12 years of age), if received before June 30, 1998. (See Pre-registration Form, page 8). After this date, registration fees at the door will be \$95.00 for delegates and \$75.00 for guests.

Crowne Plaza Lodging Information

Sleeping room rates for our meeting at the Crowne Plaza are \$85.00 single or double, \$95.00 triple, and \$105 quadruple occupancy per night plus 13.25% tax. For reservations, call the Crowne Plaza at 901-527-7300 by June 24, 1998. Each guest room has a coffee maker, coffee, iron, and ironing board.

Directions to Crowne Plaza

The Crowne Plaza is located at 250 N. Main St. in downtown Memphis. Traveling by car from the East, take I-40 West, exit at 2nd Street, and the hotel is on the right. Traveling by car from the West, take I-40 East, exit at Front Street, and the hotel is straight ahead on the left. If you are flying to Memphis and do not get a rental car, the best way to get from Memphis International Airport to the hotel is by taxi, approximately \$22.00. The Crowne Plaza offers self parking for \$5.00 / day (the self parking fee will be waived for APMS delegates) and valet parking for \$10.00 / day.

Additional Local Arrangements Information

For more information please contact Bob Gunkel, phone: (601) 634-3722, e-mail: gunkelr@ex1.wes.army.mil.

Reminder: The President's Reception on Sunday evening is open to all, even if you are not able to register beforehand. Semi-formal attire will be appropriate, although not required.

DRAFT PROGRAM
38th ANNUAL MEETING
AQUATIC PLANT MANAGEMENT SOCIETY
July 12-15, 1997
CROWNE PLAZA, MEMPHIS, TENNESSEE

SUNDAY, JULY 12, 1998

Carole Lembi, Purdue University, West Lafayette, IN

8:30am-12:00 pm APMS Board of Directors Meeting/Lunch

10:45 am To Be Announced

2:00-5:00 pm Exhibitor Display Set Up

3:00-6:00 pm Registration

11:00 am To Be Announced

7:00-9:00 pm President's Reception
All Delegates Invited

11:15 am **ANNUAL APMS BUSINESS MEETING**

11:45 am **LUNCH**

MONDAY, JULY 13, 1997

8:00 am-5:00 pm Registration

8:00 am-5:00 pm Exhibits

10:00 am-2:00 pm Spouses' Tour

SESSION II

Grand Ballroom

Advances in Chemical Control Technology

Moderator: Kurt Getsinger, U. S. A. E., WES, Vicksburg, MS

1:00 pm Aquatic Ecosystem Restoration Foundation
Research Review. Kurt Getsinger,
U. S. A. E. WES, Vicksburg, MS

1:15 pm Renovate - A Potential New Herbicide for the
Selective Control of Certain Aquatic Plants. Steve
Cockreham, SePRO Corporation, Carmel, IN

1:30 pm Aquatic Dissipation of Triclopyr. Bruce Houtman,
Dow AgroSciences, Indianapolis, IN

1:45 pm Endothall: New Formulations and New Uses.
Gerald Adrian, Elf Atochem, Philadelphia, PA

2:00 pm Recent Developments with Clearigate Herbicide.
Jim Schmidt, Applied Biochemists, Milwaukee, WI

2:15 pm 2,4-D Aquatic Re-registration Status - To Be
Announced

2:30 pm FastEST Case Studies - What Are we Learning
About Renovate and Sonar? Alicia Staddon,
SePRO Corporation, Carmel, IN

2:45 pm Selective Stem Treatments with Rodeo for Control
of Brazilian Peppertree Dennis Williamson,
Monsanto Company, Raleigh, NC

SESSION I

Grand Ballroom

Presiding: **Allison Fox**, President APMS
University of Florida-IFAS
Gainesville, FL

8:30 am Call to order

8:35 am Announcements: Dave Spencer,
1998 APMS Program Chair
USDA-ARS, Davis, CA

8:45 am APMS Regional Chapter Reports:
Western Texas South Carolina
MidWest MidSouth Florida

9:15 am Presidential Address: Allison Fox

9:45 am Wetlands Management, Bruce Batt, Ducks
Unlimited, Memphis, TN

10:15 am **BREAK**

10:30 am A Message to Our Public: Why Aquatic
Herbicides Affect Aquatic Plants and Not Us.

3:00 pm

BREAK

- 3:15 pm An Immunochemical Analytical Method for Endothall, the Active Ingredient in Aquathol K and Hydrothol 191 Aquatic Herbicides. Janice Sharp, Elf Atochem, King of Prussia, PA
- 3:30 pm Aquatic Dissipation Modeling of Endothall. Janice Sharp, Ron Biever, and Piyush Singh, Elf Atochem, King of Prussia, PA, Springborne Laboratories, Inc., Wareham, MA, Waterborne Environmental, Inc., Leesburg, VA
- 3:45 pm Research Update on Reward Aquatic Herbicide. David Ross, Zeneca Professional Products, Wilmington, DE
- 4:00 pm A Review of Sonar Fall Treatments for Selective Control of Eurasian watermilfoil. Tyler Koschnick, SePRO Corporation, Carmel, IN
- 4:15 pm Selective Management of Hydrilla Using Sonar. David Tarver, SePRO Corporation, Tallahassee, FL
- 4:30 pm Arsenal Herbicide Research Update. Jennifer Vollmer, American Cyanamid Company, Frankfort, OH
- 4:45 pm The Bioalgaicidal Potential of Fresh Cut Alfalfa and Reed Canary Grass on Several Algal Species. (Student Paper) Joseph Marencik and Carole Lembi, West Lafayette, IN
- 5:00 pm Potential Use of Cattail (*Typha domingensis*) and Its Allelochemicals in the Biological Control of *Salvinia* (*Salvinia minima*). (Student Paper) Maria Gallardo and Dean Martin, University of South Florida, Tampa, FL

5:15 pm

ADJOURNMENT

5:15 pm

Federal Aquatic Plant Management Working Group Meeting.

6:30 pm

RECEPTION Sponsored by SePro

TUESDAY, JULY 15, 1997

7:00-8:30 am APMS Regional Chapter Presidents' Breakfast - Sponsored by Zeneca

11:45-1 pm AERF Lunch and Board Meeting

8:00 am-5:00 pm Registration

8:00 am-5:00 pm Exhibits

SESSION III

Grand Ballroom

SESSION TITLE Native Insects and Eurasian Watermilfoil - Interactions

Moderator: John Madsen, U. S. A. E., WES, Vicksburg, MS

- 8:00 am Growth of Bog Rush (*Juncus megacephalus*). Yassin Al-Sodany and David Sutton, University of Florida, Fort Lauderdale, FL
- 8:15 am Introductory Remarks. John Madsen, U. S. A. E., WES, Vicksburg, MS
- 8:30 am Review of results from studies on *Euhrychiopsis lecontei* undertaken in Vermont and Massachusetts, Sallie Sheldon, Kent State University, Kent, OH
- 8:45 am The weevil-watermilfoil interaction at three spatial scales: what we know and need to know. Rob Creed, Appalachian State University, Boone, NC
- 9:00 am Implications of life cycle timing in *Acentria ephemerella* and *Euhrychiopsis lecontei* for the biological control of Eurasian watermilfoil. Robert Johnson, Cornell University, Ithaca, NY
- 9:15 am Assessing the use of the aquatic weevil *Euhrychiopsis lecontei*, to control Eurasian watermilfoil (*Myriophyllum spicatum*). (Student Paper). Laura Jester, University of Wisconsin, Stevens Point, WI.
- 9:30 am Temporal and spatial changes in milfoil distribution and biomass associated with weevils in Fish Lake, WI. Richard Lillie, Wisconsin Department of Natural Resources, Madison, WI.
- 9:45 am Laboratory studies on milfoil weevil host preference, performance and plant damage: observation on milfoil declines in Minnesota. University of Minnesota, St. Paul, MN.
- 10:00 am **BREAK**
- 10:15 am The use of native insects for the management of Eurasian watermilfoil in Washington State. (Student Paper) Mariana Tamayo, Christian Grue, and Kathy Hamel, University of Washington, Seattle, WA, Washington Department of Ecology, Olympia, WA
- 10:30 am Factors to consider when using endemic biological control organisms to manage exotic plants. Al Cofrancesco, U. S. A. E. WES, Vicksburg, MS.
- 10:45 am Panel Discussion: State Regulatory and Management Issues. Holly Crosson, Vermont

DEC, Waterbury, VT, Frank Koshere, Wisconsin DNR, Spooner, WI, Chip Welling, Minnesota DNR, St. Paul, MN, Kathy Hamel, Washington DOE, Olympia, WA

11:30 Concluding Remarks, John Madsen, U. S. A. E. WES Vicksburg, MS

11:30 am **LUNCH**

SESSION IV *Grand Ballroom*

SESSION TITLE Aquatic Plant Control Research Program

Moderator: Robert Gunkel, Jr., U. S. A. E. WES, Vicksburg, MS

1:00 pm An Overview of the Aquatic Plant Control Research Program. John Barko, U. S. A. E. WES, Vicksburg, MS

1:20 pm An Overview of Ecological Assessment Technology Area. John Madsen, U.S. A. E. WES, Vicksburg, MS

1:40 pm An Overview of Biological Control Technology Area. Alfred Cofrancesco, U. S. A. E. WES, Vicksburg, MS

2:00 pm An Overview of Chemical Control Technology Area. Kurt Getsinger, U. S. A. E. WES, Vicksburg, MS

2:20 pm An Overview of the Management Strategies and Applications Technology Area. John Barko, U. S. A. E. WES, Vicksburg, MS

2:40 pm **BREAK**

3:00 pm **Poster Session** – APCRP Work Unit Displays and Demonstrations

High-Temperature Effects on Growth and Propagule Formation in Hydrilla Biotypes (WU# 33029). Dwilette McFarland and John Barko. U. S. A. E. WES, Vicksburg, MS

Techniques for Establishing Native Aquatic Plants (WU# 33084). R. Michael Smart and Gary Dick. U. S. A. E. WES, Lewisville, TX, University of North Texas, Lewisville, TX

Ecological Effects of Exotic and Native Aquatic Plants (WU# 33186). R. Michael Smart, Gary Dick, Robert Doyle, John Madsen, David Honnell, and Joe Snow. U.S. A. E. WES, Lewisville, TX; University of North Texas, Lewisville, TX, U. S. A. E. WES Vicksburg, MS, AsCI Corporation, Lewisville, TX

Vegetative Spread of Hydrilla Colonies (WU# 33188). John Madsen and Dian Smith. U.S. A. E. WES, Vicksburg, MS, U. S. A. E., Lewisville, TX

Macrophyte Influences on Sediment Resuspension in Shallow Aquatic Systems (WU# 33128). William James, John Barko, and Harry L. Eakin. U. S. A. E. WES, Spring Valley, WI, U.S. A. E. WES, Vicksburg, MS

Macrophyte Influences on Hydrodynamics in Aquatic Systems (WU# 33201). William James, John W. Barko, and Harry Eakin. U.S. A. E. WES, Spring Valley, WI, U.S. A. E. WES, Vicksburg, MS

Insect Biological Control Agents (WU# 33028). Alfred Cofrancesco, U. S. A. E. WES, Vicksburg, MS

Plant Pathogen Biocontrol Research on Hydrilla and Eurasian Watermilfoil (WU# 32863). Judy Shearer, U. S. A. E. WES, Vicksburg, MS

Naturalized Aquatic Insects Impacting Eurasian Watermilfoil (WU# 33189). Alfred Cofrancesco U. S. A. E. WES, Vicksburg, MS

Effects of Biocontrol Agents on the Competitive Interactions Between Nuisance Exotics and Desirable Native Aquatic Plants (WU# 33117). Michael Grodowitz, Robert Doyle, and R. Michael Smart, U. S. A. E. WES, Vicksburg, MS, U.S. A. E. WES, Lewisville, TX

Population Management of Triploid Grass Carp (WU# 33200). James Kirk, U. S. A. E. WES, Vicksburg, MS

Selective Use of Herbicides (WU# 32841). John Skogerboe, Kurt Getsinger, R. Michael Smart, Mike Netherland, and Gary Dick. U.S. A. E. WES, Lewisville, TX; U.S. A. E. WES, Vicksburg, MS, University of North Texas, Lewisville, TX

Herbicide Delivery Systems: Evaluation of Sonar SRP Formulation (WU# 32437). Michael Netherland and David Honnell, U. S. A. E. WES, Vicksburg, MS, AsCI Corporation, Lewisville, TX

Evaluation of Water Temperature Effects on Herbicide Efficacy (WU# 33187). Michael Netherland, Chetta Owens, John Skogerboe, and John Madsen, U.S. A. E. WES, Lewisville, TX, U.S. A. E. WES, Vicksburg, MS,

Impacts of Herbicide Use on Threatened and Endangered Plant Species (WU# 33199). Linda Nelson and Michael Netherland, U. S. A. E. WES, Vicksburg, MS

Integrated Control: Pond Evaluation of Mt, Fluridone, and Copper Combinations for Control of Hydrilla (WU# 32953). Michael Netherland and Judy Shearer, U. S. A. E. WES, Vicksburg, MS

Response of Fishes to Changes in Plant Complexity and Distribution (WU# 32944). K. Jack Killgore, U. S. A. E. WES, Vicksburg, MS

Measurement Systems for Rapid Detection and

Characterization of Submersed Aquatic Vegetation (WU# 33118). Bruce Sabol, U. S. A. E. WES, Vicksburg, MS

Field Evaluation of Quantitative Aquatic Plant Assessment Techniques (WU# 33127). R. Michael Stewart and John Madsen, U. S. A. E. WES, Vicksburg, MS

Methods for Determining and Mapping the Probability of Aquatic Plant Colonization (WU# 33119). Rose Kress, Jerrell Ballard, Jr. and Bruce Sabol, U. S. A. E. WES, Vicksburg, MS

Estimating Whole Lake Submersed Macrophyte Abundance: Comparison of approaches and required sample sizes. Kerry Holmberg, Raymond Newman, and John Foley, University of

Minnesota, St. Paul, MN

4:30 pm **ADJOURNMENT**

4:30 - 6:00 pm Civil Works R&D Program Review for the APCRP. Corps of Engineers Representatives Only

6:00 pm **BOARD BOAT FOR CRUISE**

APMS Banquet and Awards Ceremony

WEDNESDAY, JULY 16, 1997

SESSION V

Grand Ballroom

SESSION

Moderator: Mark Sytsma, Portland State University

8:30 am Evaluation of four herbicides for management of water hyacinth and American frogbit. John Madsen, Chetta Owens, and Kurt Getsinger, U. S. A. E. WES, Vicksburg, MS, AsCI Corporation, Lewisville, TX

8:45 am Efficacy of Clearigate and Reward, alone and in combination, on free-floating plants. Stratford Kay, North Carolina State University, Raleigh, NC

9:00 am Residual effects of herbicides in treated water hyacinth used as mulch. Randall Stocker and William Haller, University of Florida, Gainesville, FL

9:15 pm Drawdowns to Control Hydrilla: The Lake Murray Experience. Steven de Kozlowski and Cindy Aulbach-Smith, South Carolina Department of Natural Resources, Columbia, SC.

9:30 am The effect of genetic, community and environmental factors on the invasion of *Phalaris arundinacea*, reed canary grass. Jane Molofsky, Shannon Morrison, Charles Goodnight, University of Vermont, Burlington, VT

9:45 am Growth of *Vallisneria americana* on Three Hydrosols from Lake Gaston. Steve Hoyle, Paul Kurilla, and Stratford Kay, North Carolina State University, Raleigh, NC.

10:00 am **BREAK**

10:15 am Overview of Aquatic Plant Management in Washington State, Kathy Hamel, Washington

Department of Ecology, Olympia, WA.

10:30 am Can *Egeria* be eradicated? Answer: Yes, But Is It Worth It? Lars Anderson, USDA-ARS, Davis, CA

10:45 am *Spartina* Management in the Northwest. Terry McNabb, Resource Management, Inc. Seattle, WA

11:00 am The Algicide Tolerance of Filamentous Algae. Carole Lembl, Purdue University, West Lafayette, IN

11:15 am -

11:30 am

11:45 am **FINAL BUSINESS MEETING AND INSTALLATION OF 1997-98 OFFICERS**
President Alison M. Fox, Presiding

12:15 pm **ADJOURNMENT**

1:00 pm **APMS Board of Directors Lunch and Meeting**

Alternate papers:

----- CALENDAR OF UPCOMING MEETINGS AND EVENTS -----

<u>DATE</u>	<u>EVENT</u>	<u>LOCATION</u>	<u>CONTACT</u>
July 12-15, 1998	38 th Annual Meeting, Aquatic Plant Management Society	Holiday Inn Crowne Plaza Memphis, TN (Reserv: 901-527-7300)	David Spencer USDA Aquatic Weed Lab Robbins Hall 1 Shields Avenue Davis, CA 95616 Phone: 530-752-1096 E-mail: dfspencer@ucdavis.edu
August 3-8, 1998	Shallow Lakes '98: International Conference on Trophic Interactions in Shallow Freshwater and Brackish Lakes	Berlin, Germany	Institute of Freshwater Ecology and Inland Fisheries Berlin, Germany WWW: http://www.igb-berlin.de/www/abt2/abt2.htm (Click on "Conferences")
August 26-28, 1998	20 th Annual Meeting, South Carolina Aquatic Plant Management Society	Litchfield Beach and Golf Resort Litchfield, SC (Reserv: 800-845-1897)	Tommy Bowen Phone: 704-875-5422 E-mail: twbowen@duke-energy.com
September 21-23, 1998	10 th Annual Meeting, Texas Aquatic Plant Management Society	Holiday Inn New Braunfels, TX (Reserv: 830-625-8017)	R. Michael Smart Lewisville Aquatic Ecosystem Research Facility R.R. 3, Box 446 Lewisville, TX 75056-9720 Phone: 972-436-2215 Email: msmart@gte.net
September 22-25, 1998	10 th International Symposium on Aquatic Weeds: Towards an Integrated Aquatic Plant Management	Lisbon, Portugal	APRH Secretariat 10 th EWRS Int. Symp. on Aquatic Weeds a/c Laboratorio Nacional de Engenharia Civil, Avenida do Brasil 101 1799 Lisboa codex, Portugal
October 7-9, 1998	17 th Annual Meeting, MidSouth Aquatic Plant Management Society	Guntersville State Park Guntersville, AL (Reserv: 800-548-4553 or 205-571-5440).	Harry Knight Applied Biochemists P.O. Box 1181 Cullman, AL 35056-1181 Phone: 205-796-8704
October 12-15, 1998	22 nd Annual Meeting, Florida Aquatic Plant Management Society	Holiday Inn Beach Cocoa Beach, FL (Reserv: 407-783-2271)	Catherine Johnson US Army Corps of Engineers 5882 S. Semoran Blvd. Orlando, FL 32822 Phone: 407-380-2024 E-mail: catherine.johnson@usace.army.mil
November 11-13, 1998	18 th International Symposium, North American Lake Management Society	Banff Springs Hotel Banff, Alberta, Canada (Reserv: 403-762-6866)	Alberta Lake Management Society c/o Dept. of Biological Sciences Univ. of Alberta Edmonton, Alberta Canada T6G 2E9 WWW: http://www.biology

PRE-REGISTRATION FORM

The Aquatic Plant Management Society, Inc.

38th Annual Meeting
Holiday Inn Crowne Plaza
Memphis, Tennessee
July 12-15, 1998

MAIL TO:

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

LAST NAME: _____ FIRST NAME: _____ M.I.: _____

ORGANIZATION: _____ TITLE: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

COUNTRY: _____ BUSINESS PHONE: () _____ FAX: () _____

Payment of all fees and costs indicated on this form should accompany the form when mailed to The Aquatic Plant Management Society, Inc., Post Office Box 1477, Lehigh Acres, Florida 33970-1477, USA. Full-Delegate registration includes coffee/tea breaks, President's reception, and Awards Banquet.

Description of Registration Categories

Itemized Cost

Advanced Full-Delegate Registration (received by June 30, 1998) \$ 80.00 _____ \$ _____
(Note: Registration at the meeting will be \$ 95.00)

Guest Registration (Spouse, partner, child over 12 years of age) No. of guests _____ @ \$60.00 each = \$ _____
(Includes breaks, social functions, and Banquet) (\$ 75.00 at meeting)

Student Paper Competition Participant NO CHARGE NO CHARGE
(Includes breaks, social functions, and Banquet)

Regular Student Registration (Non-competing) \$ 10.00 _____ \$ _____
(Includes breaks only-- no other social functions or Banquet)

Individual Function Tickets (for Regular Students or non-registered guests)
President's Reception (Sunday evening) No. of tickets _____ @ \$20.00 each = \$ _____
Awards Banquet (Tuesday Evening) No. of tickets _____ @ \$30.00 each = \$ _____

APMS Membership Dues (Optional: Membership dues may be paid at the meeting)

Active _____ \$ 35.00
Student _____ \$ 5.00
Sustaining Member _____ \$500.00 \$ _____

APMS Scholastic Endowment Fund \$ _____

TOTAL AMOUNT OF REMITTANCE ENCLOSED \$ _____

(Make checks payable to APMS, Inc.)

Credit Card Payment Information:

Check one: VISA _____ MASTERCARD _____ AMERICAN EXPRESS _____

CARD NUMBER: _____ EXPIRATION DATE: _____

NAME OF CARDHOLDER: _____

SIGNATURE: _____ DATE: _____

Proposed Change to Bylaws

A new committee entitled the Education and Outreach Committee is proposed. If approved by membership vote during the Annual Business Meeting, the following text would be inserted to Article XIII, Section A of the Bylaws.

2. Education and Outreach Committee.

This committee shall be responsible for identifying specific educational needs and issues appropriate for APMS sponsorship. Once such needs are identified and verified, this committee shall direct the coordination, development, and production of Society-sponsored educational materials and programs as deemed appropriate by the Board of Directors. This committee shall be responsible for the solicitation of any external funding for such materials and programs. The committee shall consist of not less than five (5) members, one of whom shall be the Chair of the Student Affairs Committee.

Establishment of APMS Website

The Board unanimously approved establishment of the official APMS website during the March 1998 winter board meeting.

The site URL is: <http://www.apms.org>

The site includes useful information on several topical areas including:

- *The Journal of Aquatic Plant Management*
- Important Announcements, such as scholarships and career opportunities
- Annual Meeting Information
- Membership Application Form
- POCs for Regional Chapters
- Links to Related Websites
- Membership List - access to this list is restricted to APMS members only, or to anyone with the following two items of information:

username=apms
password=duckweed

Nominations for Officers and Directors

The APMS Nominations Committee is pleased to announce that an outstanding slate of individuals has agreed to have their names placed into nomination for the upcoming election and to serve, if so elected, as various APMS Officers and Directors. The positions and nominees are:

Vice President -	Jim Schmidt	
Secretary -	Mike Stewart	(3-year term)
Editor -	John Madsen	(1-year term)
Directors -	Eric Barkermeyer	
	Tom McNabb	(both for 3-year terms)

**** New Book Available ****

Aquatic Plant Management in Lakes and Reservoirs

This paperback book was prepared for the U.S. Environmental Protection Agency (EPA) by the North American Lake Management Society (NALMS) and APMS. In November 1997, the APMS Board was informed that the Society would receive at least \$15,000 from EPA for our participation, plus 400-450 copies to distribute as we like. After discussions with three of the APMS members who actually contributed chapters to the publication (Bill Haller, Ken Langeland and Randall Stocker), the Board approved the following procedures for making this publication available.

- The entire book (it has no figures) is available on the website of the UF/IFAS Center for Aquatic and Invasive Plants (<http://aquat1.ifas.ufl.edu>). Thanks, Vic Ramey.
- ONE FREE HARDCOPY is available to any APMS member who requests it. Copies will be available at the Annual Meeting in Memphis, or copies can be obtained by writing, or sending an email request to Don Doggett, APMS Treasurer, at: APMS, Inc., P.O. Box 1477, Lehigh, FL 33970-1477, or to: dogget@mail.dms.state.fl.us
- Any APMS member who wishes to obtain more copies (for classes, meetings, etc.) can purchase them from Don Doggett for \$5 per copy.
- Non-members can request copies from APMS for \$20.

APMS DISPLAY MISSING

The APMS display has been misplaced !!!!

Though "search and recovery" efforts have been undertaken by several individuals this year, the display's whereabouts remain a mystery. If you have information which might lead to our display's recovery, please contact the APMS Membership Committee thru:
Ernie Marquez: (360) 754-3460, or ernie@nwenvironews.com

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:

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

Application for Membership

Name of Applicant _____

Home Address _____ Zip Code _____

Current Title and Business or Institution Name & Address _____

Work Phone _____ Fax _____ e-mail _____ Zip Code _____

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	\$ 35.00
STUDENT MEMBERSHIP	\$ 5.00
COMMERCIAL SUSTAINING MEMBERSHIP	\$ 500.00

AMOUNT OF REMITTANCE \$ _____

SIGNATURE OF APPLICANT: _____

Please check the following to indicate desired membership class and for additional information!

Membership Class:

Please Send Information Regarding Regional Chapters:

☐ Active
☐ Student
☐ Commercial Sustaining

☐ Florida Aquatic Plant Management Society
☐ Mid-South Aquatic Plant Management Society
☐ Midwest Aquatic Plant Management Society
☐ South Carolina Aquatic Plant Management Society
☐ Western Aquatic Plant Management Society
☐ Texas Aquatic Plant Management Society
☐ Nile Basin Aquatic Plant Management Society

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