



AQUATIC PLANT NEWS

A newsletter of the Aquatic Plant Management Society, Inc. No. 44 October 1993
Wendy Andrew, Editor, 10616 Bay Lake Road, Groveland, Florida 34736

~ From Your President, Joe Z. ~

After the annual meeting in Charleston, it was clear why the song says, "Nothing could be finer than to be in Carolina" When we decided to pursue the joint meeting, I had fears of a planning and logistical nightmare. The opposite was true. Even though more than two hundred delegates and a total of two hundred and fifty people attended, the local arrangements, registration and other logistical aspects of the meeting worked smoothly. Everyone in the South Carolina Aquatic Plant Management Society worked hard to make the first joint meeting of the Aquatic Plant Management Society and one of the chapters a great success.

Planning is now underway for a second joint meeting. Next July a meeting will be held at the Placio del Rio Hilton on the River Walk in San Antonio, Texas. Joyce Johnson is handling local arrangements and at this time has kept things pretty much under her Stetson. All she will say is that there will be a lot of fun things to

do and a lot of neat things to see. Along with all this fun will be an interesting program planned by the Program Chairman, Steve de Kozlowski, and the Texas Aquatic Plant Management Society. All indications are that next July if "The eyes of Texas are upon you" you are in the right place at the right time.

The Board of Directors has selected the Seattle area as the site of the 1995 annual meeting. Negotiations are underway to select a hotel for this meeting. The Site Selections Committee chaired by Don Doggett is working to select a city for the 1996 meeting. I am sure Don would be happy to hear from anyone wishing to suggest an area for consideration. Sites will be submitted to the Board for their consideration at the winter board meeting in San Antonio in February 1994.

A lot of time is spent each year planning the annual meeting, and of course other business that is important to the Society must always be addressed for the future of this organization. This year is no exception. As everyone who attended the meeting in Charleston knows, for personal reasons, our Secretary-Treasurer, Bill Rushing, declined the nomination for another term in this office. Randall Stocker was elected and will be installed as Secretary-Treasurer at the final business meeting in San Antonio, Texas. During Bill's final year in this office, he and Randall will be working together to insure that the transition of this office will be very smooth. Bill served as Secretary-Treasurer for more than ten years. His professionalism and guidance in this extremely demanding office have been a great benefit to this organization.

Because of the magnitude of work required of the Secretary-Treasurer, a change in the way we operate is being considered

by the Past President's Advisory Committee chaired by Clarke Hudson. This committee is trying to determine if it would be in the best interest of the Society to separate the office of the Secretary-Treasurer. Clarke says that at this time the consensus of committee members is that the best approach would be to have a Treasurer and to combine the offices of Secretary and Newsletter Editor. Any recommendation for change will be considered by the Board at the winter meeting. If the Board approves a recommendation, then a by-laws change will be submitted to the membership for a vote at the annual meeting in San Antonio.

The Membership Committee chaired by Ken Manual will be working on producing a membership directory. As you can imagine this is a major task. The result however will be well worth the effort. Please respond to Ken's request for information found in this newsletter, so this directory can be accurate and complete.

Contributions to the Scholastic Endowment have grown rapidly due to the generosity of our members and corporate contributions. The raffle and blind auction held at the annual meeting will continue next year in San Antonio. Joe Stephenson did an outstanding job gathering prizes for these events in Charleston, and he promises the same for the coming year. Since the Endowment has grown so rapidly, we are approaching the time when these funds can be used for their intended purpose. Both the Student Affairs Committee, chaired by Alison Fox, and the Finance Committee, chaired by Terry McNabb, are exploring ways to maximize the benefits of this Endowment to future students.

If there is Aquatic Plant Management Society business that is of interest to you, please take time to contact an officer, board member, or committee chairman. We need and appreciate input concerning all aspects of the Society's business.



1993-94 Committee Chairs

Archives Don Riemer 908-932-8899	Local Arrangements Joyce Johnson 512-389-4858	Publications Bill Haller 904-392-9613
Bylaws and Resolutions Mike Stewart 601-634-2606	Membership Ken Manual 704-875-5424	Regional Chapters Terry McNabb 206-754-3460
Exhibits Bill Moore 407-656-5838	Necrology Max McGowin 317-845-0993	Site Selection Don Doggett 813-694-2174
Finance Terry McNabb 206-754-3460	Past President's Advisory Clarke Hudson 407-351-3295	Student Affairs Alison Fox 904-392-1808
International Contacts Alison Fox 904-392-1808	Placement Ken Langeland 904-392-9613	Scholastic Endowment Joe Stephenson 205-664-6037
Legislative Lars Anderson 916-752-6260	Program Steve deKozlowski 803-737-0800	

AN INVITATION TO THE LONE STAR STATE!

The Texas Chapter of APMS is honored to host the 35th Annual Meeting on July 10-13, 1994, in San Antonio. The location is perfect. San Antonio is made to order for family vacations, as well as professional development conferences. The hotel will be the Hilton's Palacio del Rio, located at the heart of the famous Riverwalk, adjacent to La Villita, the original settlement which has been restored as small shops and restaurants. The hotel is within a short walk of the Alamo, a new three-story shopping area, theaters and museums. Although July is a hot month in central Texas, the large oaks shading the Riverwalk make the outdoors pleasant for dining, sampling the variety of music and night life or just strolling along.

Local attractions include: Seaworld of Texas, the world's largest marine-life theme park, Fiesta Texas, a theme park

combining live music, rides, and a waterpark; Market Square, featuring Mexican art, crafts and foods; Breckenridge Park, home of the world-class San Antonio Zoo, a botanical garden, equestrian trails and a train. Mid-July in San Antonio also marks the beginning of the Houston Oilers Summer Camp for those die-hard football fans. For the more adventurous with some extra time, the Texas capitol, Austin, is 70 miles, the Padre Island National Seashore with great Gulf Coast fishing is 100 miles and Nuevo Laredo, Mexico is 150 miles.

Plan to attend and bring your family! This annual meeting is shaping up to be a benchmark for aquatic plant enthusiasts nationwide. If you need anything: more information, reservations, brochures, advice on what to wear -please call Joyce Johnson, Chair of Local Arrangements, at 512-389-4858.

NEW VIDEOS AVAILABLE

Aquatic Pest Control Applicator Training: Parts I and II (Part I - 28 min. IFAS Catalog No. VT-1068; Part II - 30 min. IFAS Catalog No. VT-1069) are now available. These programs teach the basic knowledge necessary to be certified by the Florida Department of Agriculture and Consumer Services as a restricted pesticide applicator in aquatic pest control. Topics covered include a brief history of aquatic plant management, laws, herbicide technology, biological control, mechanical

control and environmental effects. Adapted from the Aquatic Pest Control Applicator Training Manual, edited by Dr. Ken Langeland, 1993. These videos are among those available from IFAS Publications, IFAS Building 664, Gainesville, Florida 32611-0001. Each videotape costs \$15.00 plus .90 tax for Florida residents; \$15.00 for non-Florida residents. Please specify video format and IFAS Catalog VT-number and make checks payable to "University of Florida".

BITS-O-NEWS

FROM MINNESOTA:

Charles (Chip) Welling has been promoted to the Eurasian watermilfoil Control Coordinator position at the MNDNR. Wendy Crowell has been appointed to the vacancy that Chip left. Wendy has an M.S. from the University of Minnesota. Her Master's research related to Eurasian watermilfoil, and since graduating and going to work for the MNDNR, she has been consulting with the Lake Minnetonka Conservation District, the White Bear Lake Conservation District and Homeowners Association.

The MNDNR has been cooperating with the USDA and USFWS in evaluating three insects (1 weevil and 2 beetles) as bio-control agents for purple loosestrife. The insects were released late last summer in large screen cages in a purple loosestrife stand in a Mississippi River bottom wetland in St. Paul. Luke Skinner, Purple Loosestrife Control Coordinator, reports that the insects survived the Minnesota winter well and were reproducing this spring. However, the recent floods impacted the insects to an extent not yet determined. Some insects were removed from the cages as the water was rising; taken to the University of Minnesota and will be reintroduced in new sites elsewhere in Minnesota.

MORE FROM CAST:

"Research Opportunities for U.S. Scientists at the International Agricultural Research Centers and Affiliates", a 170 page report is available for distribution. Copies can be obtained by calling Jack Strauwn at 614-292-1375. The publication is sometimes referred to as the turquoise book, so called after the cover color.

The publication is an excellent resource reference on the 22 international centers. There is an overview of each center and typically the program focus, specialty areas, research projects, collaborating universities and agencies, and contact person for each center presented. The up-to-date easy to read collection of information on all the centers can be very helpful to job placement offices and those scientists interested in international agriculture, sabbatical leaves, post-doctoral experiences, or establishment of cooperative research ventures.

FROM THE NEWSLETTER EDITOR:

Send information on items of interest!
PLEASE!



Pictures from
**33rd Annual
APMS Meeting**

July, 11-14, 1993
Charleston, South Carolina



OFFICERS AND DIRECTORS 1993-94



OFFICERS

JOE ZOLCZYNSKI, PRESIDENT

STEPHEN J. DE KOZLOWSKI,
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South Carolina Update

The South Carolina Aquatic Plant Management Society was highly honored to host the 33rd annual meeting of the APMS in association with its own 15th annual meeting at Charleston, South Carolina during July 11-14, 1993. The meeting was well-attended (203 registrants) and highlights included excellent technical sessions and presentations, social receptions, an evening at Boone Hall Plantation, golf tournament, Carolina Bay field trip and numerous sight-seeing and recreational opportunities available in the scenic and historic Charleston area. SCAPMS is most grateful to APMS for selecting South Carolina for its 1993 meeting and to everyone who assisted in making the meeting a success.

One of the primary objectives of SCAPMS is to promote academic scholarship in the field of aquatic plant management and aquatic ecology. At the 1993 meeting, SCAPMS presented its third annual \$1000 scholarship grant award to Ms. Tanya Youngblood, an exceptional undergraduate student at the University of South Carolina at Aiken. Ms. Youngblood is involved in several aquatic and wetland plant research projects. SCAPMS awarded its 1993 Member of the Year award to Drew Smith. Drew works for Santee-Cooper where he is involved in aquatic plant management and water quality assessment. He is an active member of SCAPMS and has contributed greatly to our activities over the years. SCAPMS is looking forward to another active and productive year under the direction of our new president, Lewis Decell.

MEMBERSHIP DIRECTORY

The APMS membership Directory urgently needs to be revised to help communication among society members. Please complete the following as soon as you read this and return it to the address indicated. Your assistance in this endeavor will increase the value of the Directory and is greatly appreciated.

PLEASE PRINT ALL INFORMATION CLEARLY.

Name _____

Last First MI

Company/Institution _____

Business Mailing Address :

Business phone _____ / _____
areacode number

FAX number /
 areacode number

Home phone /
 areacode number

Computer E-mail Address _____

Computer E-mail Service _____
(Internet, Compuserve, Prodigy etc.)

Chapter affiliation (circle):

Florida Mid-South Mid-West South Carolina Texas Western

SEND TO: Ken Manual,
Duke Power, Environmental Center
13339 Hagars Ferry Road,
Huntersville, North Carolina 28078.

HYDRILLA SPREADS TO UPSTATE SOUTH CAROLINA

by Steven de Kozlowski
S.C. Water Resources Commission

Hydrilla was recently discovered growing in Lake Murray, a 50,000 acre lake located in the central portion of the state near Columbia. Surveys indicate that it is widely distributed throughout the lake up to 20 feet in depth. While hydrilla coverage is currently less than 200 acres, its potential coverage and impact to uses is significant.

Because of its close proximity to the State Capitol, Lake Murray is a popular destination for boating, fishing, swimming, and other recreational activities; and residential development dominates the shoreline. The lake is also a source of drinking water for three municipalities and numerous lakefront property owners, so management options are being carefully considered and coordinated.

For the past decade, hydrilla in South

Carolina has been restricted to lakes and rivers in the lower Santee Cooper drainage just north of Charleston. These Coastal Plain waters are relatively shallow and provide ideal habitat for hydrilla growth. Following Hurricane Hugo, hydrilla spread rapidly to downstream waters and by 1992 coverage was estimated at 38,000 acres. The occurrence of hydrilla in Lake Murray represents a 50 mile leap in its distribution upstream to the Piedmont portion of the state where it now threatens several other large impoundments.

Until hydrilla distribution on Lake Murray is fully assessed and management plans developed, the immediate management strategy has been to focus all control efforts on public and private landings to help minimize its spread by boaters. In addition to providing a "weed-free zone" around each landing, boaters are being reminded to clear all plants from boats, motors, and trailers before leaving the lake.

CAST UPDATE

by Randall Stocker

The Council for Science and Agricultural Technology's Summer Board meeting was held August 28-29 in Chicago. The Format for the summer meeting includes yearly review and modification of the planned publications, and discussion of current issues. This meeting was highlighted by some rather dramatic proposed changes in CAST budgeting and method of operation.

The operating budget has been around \$550,000 for the past several years, but Dr. Richard Stuckey, new Executive Vice-President of CAST, believes strongly that for Cast to better accomplish its mission of advocating "good science" in the decision-making process, a much wider and therefore more expensive effort is needed. The budget for next fiscal year, as approved by the Board, will be for \$818,461. Fifty thousand dollars of this increase will be for a half-time person in Washington, D.C. This is part of the Board's effort to broaden cast's impact, and recognize that good publications alone don't necessarily mean the best information is in the right hands at the right time.

CAST is also now sponsoring a by-invitation-only dialogue between agricultural and environmental representatives to look for areas of concurrence between the two groups. This is a significant breakthrough for CAST and may go far toward demonstrating that CAST is not merely the spokesperson for agricultural chemical and equipment manufacturers. The discussions have focused on areas in next year's farm bill, with a goal of using best available science to rationalize what have been emotional arguments.

A new CAST award has been proposed. Currently the Charles A. Black Award is for distinguished performance in the area of research and public communication of science. The new award would not have the research requirement and would focus on public interaction. In the meantime, if you wish to make a nomination for the Charles A. Black Award please contact me at 619-339-9426. The deadline for nominations is October 31.

STUDENT ACTIVITIES AT THE ANNUAL MEETING

by Allison Fox

The Aquatic Plant Management Society and South Carolina Chapter were very pleased to welcome to Charleston the six students who participated in the annual Student Paper Competition. The quality of the presentations was very high and so it was with some relief that the judges were able to award each student with a copy of the "Aquatic and Wetland Plants of South Carolina" by C. Aulbach-Smith and S. de Kozlowski. Not only was this a generous donation on the part of the authors but it was most appropriate for this particular meeting site. It appears that Cynthia and Steve were even persuaded to sign these collectors items!

Cash prizes were also awarded for the Student Papers:

1st - Keith McKnight

2nd - Chad Coley

Tied 3rd - Marvin Boyer and Greg MacDonald.

SCAPMS awarded their annual scholarship grant at the banquet to a well deserving student, Tanya Youngblood. It is most encouraging that we are seeing



undergraduates, such as Tanya, getting involved in aquatic plant management activities, and we would ask our members to encourage students at all levels of education to get involved in aquatic plant studies.

NEW DEADLINE FOR PAPER SUBMISSION

Anyone planning to give a paper at the 1994 Annual Meeting in San Antonio Texas needs to mark their calendars now. **The deadline for paper submission will be April 8, 1994.** The official Call for Papers will be published in the next newsletter.

The date is being moved up to provide enough time for the Program Committee to publish a tentative program in the newsletter before the meeting. So plan to submit a title and abstract by the deadline.

If you have any questions or comments regarding the program for the 1994 Annual Meeting please contact Steve de Kozlowski, Program Chairman, at 803-737-0800.

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 called 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, chemical and other methods of aquatic plant sciences. The Society has grown to include several regional and state chapters; and 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.

Application for Membership

NAME OF APPLICANT _____ SPOUSE'S NAME _____

HOME ADDRESS _____ ZIP CODE _____

CURRENT TITLE, BUSINESS OR INSTITUTION NAME, AND ADDRESS _____

_____ ZIP CODE _____

WORK PHONE _____ HOME PHONE _____

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

- A. ACTIVE MEMBERSHIP \$ 35
- B. STUDENT MEMBERSHIP \$ 5
- C. COMMERCIAL SUSTAINING MEMBERSHIP \$200

AMOUNT OF REMITTANCE \$ _____

SIGNATURE OF APPLICANT: _____

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

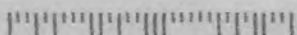
Membership Class:

- ☐ Active
- ☐ Student
- ☐ Commercial Sustaining
- ☐ Subscription

Please Send Information Regarding Regional Affiliates:

- ☐ 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

Send this form to: The Aquatic Plant Management Society, P.O. Box 2695, Washington, DC 20013-2695.



Washington, DC 20013-2695
P.O. Box 2695

The Aquatic Plant Management Society, Inc.

