



# AQUATIC PLANT NEWS

A newsletter of the Aquatic Plant Management Society, Inc. No. 41 October 1992  
Wendy Andrew, Editor, 10616 Bay Lake Road, Groveland, FL 34736

## FROM YOUR PRESIDENT:

By any set of standards, the 1992 Aquatic Plant Management Society Meeting and International Symposium would be considered a tremendous success!! Exciting plenary speakers, over 135 oral presentations, poster session, student papers, workshops, field trips and "socializing" were the order of the day. The work, however, isn't over. Our editor, Bill Haller, has set a preliminary date of March 1993 for publication of the Proceedings. As you can imagine, the meeting didn't just "happen". Thanks again for the "blood, sweat and tears" of a lot of individuals.

Now that the dust has settled, we find ourselves looking forward to 1993 and Charleston. The annual meeting will represent another milestone - the first hosted by an affiliated chapter, the South Carolina Aquatic Plant Management Society.

A "buzz word" of the 90's is holistic approach (that's a little like plenary or secre-

tariat - I'm still not sure what a plenary speaker is); therefore one goal for 1993 is to open the doors of communication and education just a little bit wider between the aquatic plant and fisheries biologists and/or managers. We all have everything to gain and nothing to lose in this attempt to look at the system as a "whole". To accomplish the above, I have appointed an ad hoc committee to work with the Bass Anglers Sportman's Society (B.A.S.S.). Your Society will participate in regional workshops sponsored by B.A.S.S. during the coming year which can only prove of value to all concerned. Likewise, the role of aquatics in fisheries and wildlife management will be a theme of the 1993 Annual Meeting.



I look forward to representing you and our Society in the coming year!! For those who thought they were getting off easy, committee chairs and other A.P.M.S. representatives are on page 2 of this newsletter.

J. Clarke Hudson

## Student Activities at the International Symposium

Student activities at the 1992 Annual Meeting and International Symposium were a little different from usual. For a start, there were 21 students representing 8 nations and 13 research establishments which made for interesting discussions of research programs and prospects. An opportunity for such exchanges occurred at the very beginning of the meeting with a reception for students and their associated faculty just prior to the President's Reception. Although not all students had arrived in time for this ice-breaker, intended to introduce students to APMS Board and Student Affairs Committee members and the plenary speakers, the consensus (particularly among board members!) was that this was a good idea.

Student presentations were divided by topic into three paper contests and one poster contest. This resulted in plenty of activity for a large number of judges. As usual, these presentations were of very high quality and the competition was especially tough, making the work of the judges all the more appreciated. In each paper contest the first prize was \$100 and the second was \$50, the single poster winner received \$50. These

prizes were awarded at the symposium dinner, where all students were introduced and each received a plant identification book and a pin, donated by the Aquatic Plant Control Research Program at USACE Waterways Experiment Station, and an FAPMS license tag.

### Prize winners were:

Herbicide studies -

1st Jan Miller, 2nd Roxana Roshon.

Macrophyte biology and communities -

1st Anne Bonis, 2nd Susan Marrs.

Macrophyte physiology and nutrition -

1st Iwan Jones, 2nd Morten Pedersen.

Poster - Melanie Moon.

In a last-minute surprise, after the Scholastic Endowment draw had been completed, Bill Rushing announced that he wanted to make a \$500 contribution in memory of Gloria, with \$250 going to the endowment and \$250 to be awarded to one of the attending students. A hurried drawing was devised and the lucky, and very grateful, winner was Riqui Sabbatini. While not everybody was able to go home with as much money as Riqui, it was hoped that all the students left Daytona feeling that their research training had been enriched by their experiences at the symposium.



# A.P.M.S. COMMITTEE CHAIRS AND REPRESENTATIVES

## ARCHIVES:

Don Riemer  
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Rutgers University  
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## BYLAWS & RESOLUTIONS:

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Gainesville FL 32611

## EXHIBITS:

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## FINANCE:

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## INTERNATIONAL CONTACTS:

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## LEGISLATIVE:

Ken Langeland  
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7922 N. W. 71st St.  
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## LOCAL ARRANGEMENTS:

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## PUBLICATION:

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Center for Aquatic Plants  
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Monck's Corner, SC 29461

## REGIONAL CHAPTERS:

Steve de Kozlowski

## SITE SELECTION:

John Cassani and Don Doggett  
Lee County Hyacinth Control  
P.O. Box 06005  
Fort Myers, FL 33906

## STUDENT AFFAIRS:

Alison Fox

## SCHOLASTIC ENDOWMENT:

Joe Stephenson  
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600 North 18th Street  
Birmingham, AL 35291

## B.A.S.S. AFFILIATION:

Ken Langeland

## C.A.S.T. REPRESENTATIVE:

Randall Stocker

## N.A.L.M.S. REPRESENTATIVE:

John Barko  
U.S. Army Corps of Engineers  
Waterways Experiment Station  
3909 Halls Ferry Rd.  
Vicksburg, MS 39180

## W.S.S.A. REPRESENTATIVE:

Lars Anderson  
Botany Department  
University of California  
Davis, CA 95616

## FROM THE EDITOR

The processing of over 50 manuscripts for the January 1993 "Special Edition" of Volume 31 of the *Journal of Aquatic Plant Management* is well underway. By order of the Publications Committee, this "special edition" will only contain papers presented and submitted from the Daytona Beach meeting. All manuscripts have been sent out for peer review and we appreciate the prompt and thorough reviews that we have obtained to date.

An ad-hoc Technical Editorial Committee of Dr.'s Fox, Joyce, Bowes, Rattray and Madsen is helping Assoc. Editor Riemer and I handle these manuscripts. Our intent is to have all manuscripts returned to the authors for final revisions and typing by Nov. 15. Authors will be requested to return final hard copies and diskette to us by Jan. 1, then off to the printer they go. Publication details are still being developed, but we expect the issue to be out in March, 1993. We appreciate everyone's, particularly the reviewers, assistance and cooperation.

If you have submitted a manuscript that was presented at Daytona Beach and do not hear from us by Dec. 15, contact the editor immediately. Although it is highly unlikely that we would lose a manuscript, anything is possible. For authors that did not present at the Daytona Beach meeting, submit your manuscripts in the normal manner by February 1993 for possible publication in the July 1993 issue.

Bill Haller

## THE NEWEST VIDEO

AVAILABLE FROM  
THE CENTER FOR  
AQUATIC PLANTS,  
UNIV. OF FLORIDA

## WHAT MAKES A QUALITY LAKE?

24 minutes

(IFAS Catalog No. VT-315)

Produced for secondary school students and general public audiences, this program explains the meaning of "lake eutrophication". Featuring limnologist Dr. Daniel Canfield, viewers learn about the natural and human factors that help determine a lake's "trophic state". Viewers also learn the differences between oligotrophic, mesotrophic, eutrophic and hypereutrophic lakes in terms of water clarity, algae, higher plants and fish. 1992.

Recommended for: secondary school students, general public, aquatics managers and field personnel.

By Ken Langeland

After such a fantastic meeting as the "International Symposium," who would have thought it could get any better? Well it did, as we continued the spirit of international friendship and scientific sharing, on the "Scientific Post Symposium Tour of North Central Florida Aquatic Plant Control." Here is a brief travel log of the trip so that we can share part of our experience with APMS readers.

We were scheduled to leave Daytona at 1:00 Thursday afternoon. We were going to be on a very tight schedule and I was getting nervous as departure time approached. At 1:15 it appeared that, miraculously, our bus had arrived and we had everyone aboard and loaded up. I anxiously took roll call so that we could get rolling and the AC going: "Marija Arsenovic, Thom Brabben, Desiree Little, Jonathan Newman, Riqui Sabbatini, Manop and KC Siriworakul, Rajanee Virabalin, Jan Kvet, Max Wade, Luisa Lopez, Columba and Eric Gutierrez, Geoff Saintry.... Geoff Saintry....Geoff." I quickly remembered that I had last seen Geoff about 30 minutes previous when I had told him he had time for a quick sandwich and cold one, so I had a pretty good idea where I could find him. Sure enough, in that German Pub quenching his thirst and in deep conversation over what the world would be like without pesticides.

3:30, after an enjoyable trip getting acquainted with each other in the bus, found us de-boarding and being greeted by Paul Myers at Applied Aquatics in Eagle Lake. After a brief regrouping we were off to the south to observe the role of herbicide technology in phosphate mine reclamation.

We visited two reclamation sites in the 3,700 acre Hookers Prairie wetland. First, IMC Fertilizer, Inc.'s Hal Scott Wildlife Conservation area is a 125 acre replacement wetland where 750,000 native wetland plants of about 25 different species have been planted to re-establish this portion of the wetland. Second, Seminole Fertilizer Corporation's successful sawgrass re-establishment is the result of pioneering research with difficult to propagate and re-establish species. Neither of these successful projects would have been possible without Paul's innovative use of herbicide technology to manage noxious, aggressive species.

After locating Geoff, who was off in the sawgrass taking one more photograph, we were on our way back to Paul's shop where we took time to examine state of the art aquatic herbicide application equipment and replenish our ice supply. 8:30 found us, tired and hungry at the Holiday Inn in Winter Haven where we wasted no time in getting a much needed meal and laying our heads on our pillows.

At 8:30 Friday morning Mike Mahler

greeted us at Imperial Polk County Environmental services. After a brief presentation about the County's program and an opportunity to examine their vehicle and boat mounted spray equipment, we were presented with a spectacular aerial application demonstration. Polk County has one of the largest and most sophisticated mosquito and aquatic weed control programs in the world and they have the state of the art equipment to conduct the program. The first aircraft demonstrated was a Bell Jet Ranger Helicopter equipped with an Isolar wet spray system. Next, an Air Tractor equipped with a wet spray system, ultra low volume (ULV), and dry application capability was demonstrated. The Air Tractor is powered by an amazingly quiet (barely a whisper) turbo-jet engine - much better, I'm sure, for public relations when spraying near urban areas. Finally, we traveled a short distance to observe a typical waterhyacinth control operation using a Bell 47 helicopter. After lunch of pressed cuban sandwiches and black bean soup (and locating Geoff, who was taking one last photograph of a turf weed that he was interested in) we were off toward Fellsme Farms.

The first stop at Fellsme Farms was a demonstration by Rodney Tillman (Fellsme Water Control District) and Bill Moore (Atochem) of hydrilla control in Citrus irrigation canals using endothall drip technology. Bill and Rodney explained how to determine the rate of herbicide discharge into the canals and demonstrated the calibration process. Richard Stroll then provided us with an informative guided tour of the farm which highlighted the importance of water and vegetation management for successful crop production in South Florida. Following the tour, Fellsme Farms treated us to an outstanding steak dinner cook-out. With our appetites more than satisfied (and after locating Geoff and Jan, who were out in the creek photographing arrowheads) we were off to observe a drainage canal choked with hygrophila, a weed that we have not yet learned how to control.

Bright and early Saturday found us learning from David Tarver about using solar powered turkey feeders for slow release of fluridone to control hydrilla in canals of the South Brevard Drainage Control District. Greg Lancaster then demonstrated invert technology for brush control and showed us Brazilian pepper that had been treated with various rates of triclopyr and glyphosate. After retrieving Geoff, who was chasing a baby alligator down the canal with his camera, we were on our way to the St. Johns River.

David Tarver, Wayne Corbin, and staff of



the St. Johns River Water Management District guided a tour of the river that was not only enjoyable, but enlightening to us all. Due to a combination of environmental conditions, economics, and management decisions (that we don't have room to discuss here) waterhyacinth, frogbit, and hydrilla were allowed to grow to problem proportions in the upper St. Johns River and following heavy summer rains were blocking the river at various points and threatening the integrity of bridges of major transportation routes. It was interesting to see such an extreme problem that can result from unmanaged aquatic vegetation and to see specialized equipment (i.e. a "Cookie Cutter") in operation to help mitigate the problem. Back at the boat ramp, we were met by television cameras and reporters who were eager to ask our experts from all over the world their opinions of why there were such problem on the river, and if they experienced similar problems in their countries.

We enjoyed our final lunch together, of locally caught frog legs, alligator tail, and catfish, at Lone Cabbage Fish Camp. As we separated, some of us toward home and others to continue vacations, I was deeply moved by a feeling international camaraderie and sharing. I hope everyone enjoyed the trip as much as I did; and thanks to all who's efforts made the trip successful.

## FLORIDA AQUATIC PLANT SALES

During 1991 Florida aquatic plant sales reached \$9.9 million, sold by 79 producers. Comparatively, 44 producers reported sales of \$7.0 million in 1989. These figures include nursery or farm grown plants for aquariums, watercress, and plants used in wetland restoration. Sales do not include plants harvested from the wild. This information was reported in *Aquaculture*, a bulletin of the Florida Agricultural Statistics Service.

1992

APMS

MEMORIES



# FIRST CALL FOR PAPERS

## Present A Paper At The 1993 APMS Meeting In Charleston South Carolina

This invitation is early but even before our tans fade from the beach in Daytona Florida, plans are underway for the 33rd annual meeting. Yes, you are invited to submit a title and abstract for the 1993 Aquatic Plant Management Society to be held July 11- 14, 1993 at the Omni Hotel In Charleston South Carolina.

Since the 1993 annual meeting will be held in conjunction with the South Carolina Aquatic Plant Management Society a special session is being planned to focus on

aquatic plant management in the Carolinas. To make this session successful, we encourage the submission of papers on a broad spectrum of subjects including aquatic plant management programs, field operations and management strategies, unique plant problems and impacts, as well as aquatic plant research in the area.

Also, we are exploring the possibility of a session concerning the interactions between fish and aquatic plants. If you are working on research in this area, please

plan to attend and present your work.

Please type the title, authors, organization, and address exactly the way you want them to appear in the program. Please use the form below to submit papers. Abstracts will be printed and provided to people attending the meeting. If more than fifteen minutes is required for your presentation or specialized projection equipment is needed please contact the program chairman for consideration of your needs.

### Paper Submission Form for the 1993 APMS Meeting

**DEADLINE FOR SUBMISSION IS APRIL 30, 1993**

**(Please Detach and Return)**

TITLE: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY/STATE/ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

☐ REGULAR ☐ STUDENT

AUDIOVISUAL EQUIPMENT NEEDED: ☐ 35MM PROJECTOR  
☐ OVERHEAD ☐ VIDEO

**SEND TO:** Joe Zolczynski, Program Chairman, Game & Fish Office, Spanish Fort, Alabama 36527

### STUDENT PAPER CONTEST - 1993

Graduate and advanced undergraduate students are invited to present results of their research at the 33rd Annual Meeting in Charleston. A contest (with cash prizes!) is held to recognize the best student papers. The objective of this competition is to provide students with an opportunity to gain experience in preparing and presenting scientific papers, and students are encouraged to submit manuscripts to the Journal of Aquatic Plant Management.

The meeting registration fee (including admission to all functions) is waived for

student paper contestants and free lodging will be provided at the Omni Hotel. To receive these benefits be sure to check the "student" box on your "Paper submission form". Only original research related to aquatic plant biology/management and not previously presented at an APMS meeting will be accepted.

For information concerning the contest and student activities contact: Alison Fox, Chair of APMS Student Affairs Committee, Center for Aquatic Plants, 7922 NW 71st Street, Gainesville, FL 32606; Tel: (904) 392 9613.

**PLAN AHEAD!**

**33rd Annual  
1993 APMS Meeting**

**July 11- 14, 1993**

**at the Omni Hotel  
Charleston, South Carolina**

# NOTES FROM THE BOARD OF DIRECTORS AND THE SECRETARIAT

## 1992 ANNUAL MEETING AND INTERNATIONAL SYMPOSIUM

### DAYTONA BEACH, FLORIDA IN JULY 1992

The financial report indicated that the Dearborn meeting in 1991 yielded an income of \$19,655, with expenses of \$15,656, leaving a balance of \$3,999.

#### General Finances as of June 30, 1992.

Income	\$65,412.06
Expenses	\$16,610.16
Net Income	\$48,801.90
Society's Total Net Worth	\$117,071.56

#### Membership Statistics

Active	364
Sustaining	16
Honorary	8
Subscription	134
<b>TOTAL</b>	<b>552</b>

By-law changes approved by the Board and general membership.

(1) Creation of Scholastic Endowment Committee, (2) Modification of composition of Archives Committee, and (3) Specifies the Vice President as Chair of the Regional Chapters Committee.

A special moment of silence was afforded by the Society in memory of Gloria F. Rushing, who past away January 10, 1992. A special memorial tribute was conducted at the Society's banquet on the evening of July 15 at which President Randall Stocker presented Bill Rushing the Presidential Award

which had been awarded to Gloria on December 7, 1991.

The following officers and Board members were nominated and elected by the general membership:

President	J. Clarke Hudson
President Elect	S. Joseph Zolczynski
Vice President	Steven J. de Kozlowski
Editor	William T. Haller
Newsletter Editor	Wendy M. Andrew
Director (3 years)	Alison M. Fox
Director (3 years)	Richard M. Hinterman

The Society has obtained liability insurance coverage through a national association insurer.

Incoming President Hudson established a new ad hoc committee to coordinate activities with the Bass Anglers Sportsman's Society (B.A.S.S.). Dr. Kenneth Langeland is the Chair.

The 1993 annual meeting is scheduled for the Omni Hotel in Charleston, South Carolina during July 11 - 15. A golf tournament is planned. The Board of Directors will meet at 8:00 a.m. on Sunday July 11.

The Bylaws Committee was instructed to prepare a change to combine the Publicity Committee with the Local Arrangements Committee.

The Regional Chapters Committee has recommended that the idea of dual memberships and combined newsletters be tabled. These ideas have been considered for sometime by both the Committee and the Board. Logistics difficulties would probably be insurmountable.

The Board recommended that a "Legislative Contact" be established within each Chapter.

The APMS Scholastic Endowment Fund now stands at approximately \$12,000. Donated monies in excess of 1992 meeting expenses will be placed in the endowment; this fund will be used for all student activities.

A 1992-92 annual budget of \$65,500 was approved.

An annual Exhibitor's Plaque will be presented to the winning commercial exhibitor in lieu of the large single plaque with individual name plates. The current large plaque has been retired.

The Board approved a revision in the Sustaining membership dues to \$500.00 yearly, which would include a \$100.00 reduction in exhibitor's space charges and one registration at the annual meeting.

The winter meeting of the Board will be held at the Omni Hotel in Charleston, SC on Saturday January 9, 1993.

## NEWSLETTER EDITOR'S PLEA

This first newsletter is a bit tardy but I hope you'll enjoy it. Please let me know if you have any suggestions. Be gentle, I am new at this. Remember, this is your newsletter. If you don't send articles or news items it's going to be awfully empty. Any kind of interesting statistics, as well as articles or photos are needed. Black and white photos are best but color slides work fine too. If you have a meeting or other function coming up that may be of interest to APMS members please send the information to me and it will be included in a calendar section. This is a particular challenge to the Editors of the Chapter newsletters, I know you all are involved in fascinating activities. Please share those items with the rest of us around the country. We need all of the chapters to participate. Think Chapter Pride.



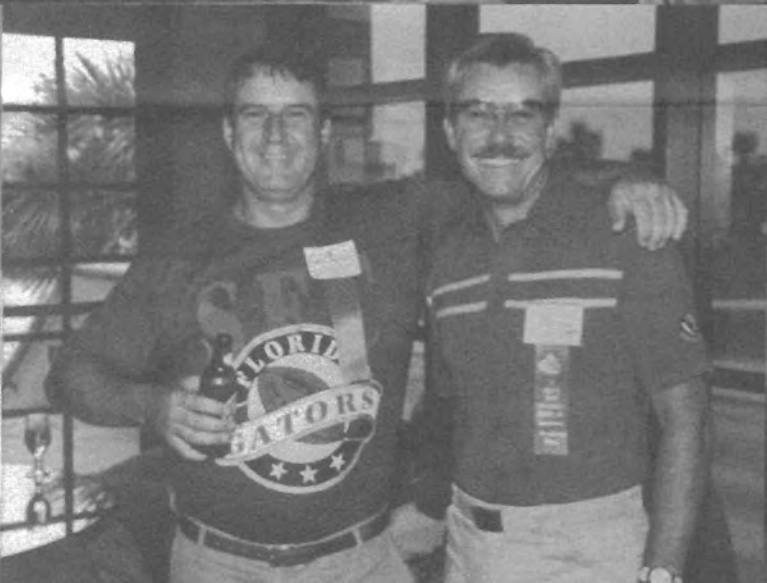
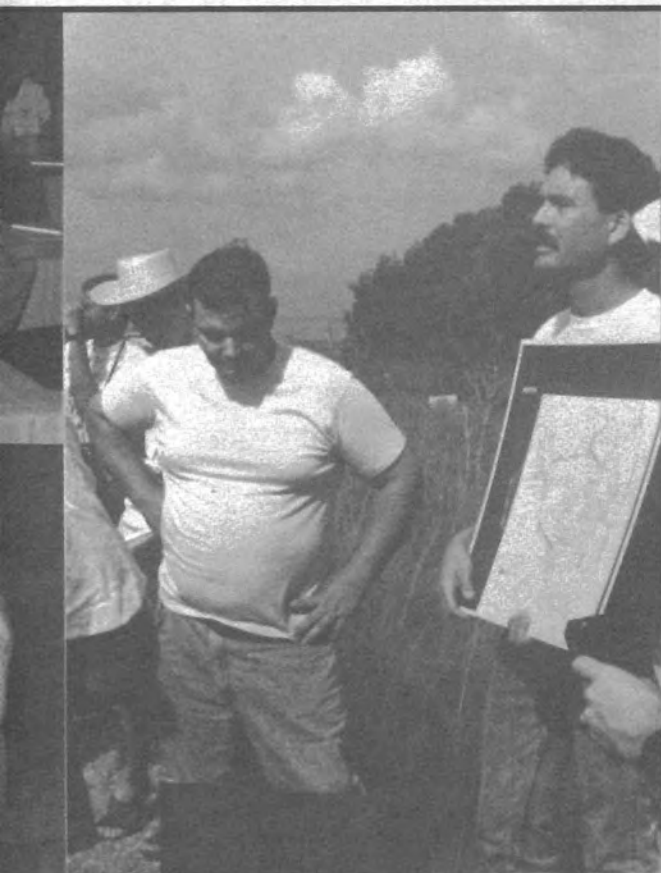
## A.P.M.S. OFFICERS AND DIRECTORS 1992-93

#### OFFICERS

J. CLARKE HUDSON, *PRESIDENT*  
 JOE ZOLCZYNSKI, *PRESIDENT ELECT*  
 RANDALL K. STOCKER, *IMMEDIATE PAST PRESIDENT*  
 STEPHEN J. DE KOZLOWSKI, *VICE PRESIDENT*  
 WILLIAM N. RUSHING, *SECRETARY-TREASURER*  
 WILLIAM T. HALLER, *EDITOR*  
 WENDY ANDREW, *NEWSLETTER EDITOR*

#### DIRECTORS

KURT GETSINGER  
 TERENCE MC NABB  
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 JAMES SCHMIDT  
 ALISON FOX  
 RICHARD HINTERMAN



# SOUTH FLORIDA AND EVERGLADES FIELD TRIP

After the symposium ended on Thursday, 25 adventurous participants boarded a bus for a four-day field trip. The objective of this tour was to show our visitors the complex issues involved in the quantity, quality and movement of water in south Florida, with particular reference to Lake Okeechobee and the Everglades; natural and restored wetlands. Nights were spent in Okeechobee, Clewiston, Flamingo and Sebring and many people helped along the way to provide valuable local knowledge. The tour was lead by Alison Fox, and followed in the "soda shuttle" by Bill Haller. We were grateful that everything went remarkably smoothly and we enjoyed the social spirit of the group. The following description of the tour was written by one of our participants and may give us an idea of the impressions with which our visitors departed.

Travelling in the direction of the water draining through south Florida our intrepid expedition set out to learn about something.....anything! By the end of the trip our minds were boggled by the complexities of the water and wildlife relations involved, all that and still making sure Miami could turn on their faucets. The difficulties of this were clarified in our minds by the presentations on the first day at Okee-Tanti, which included in their diversity, a fighting chance at identifying some of the aquatic plants of Florida.

Launched with our trusty pilots in airboats on Lake Okeechobee we not only saw a variety of littoral species but we also got to experience the delicious taste of fresh lotus seeds. I was not alone in wanting to take an airboat home with me, along with the sunny weather.

We were visiting at the wrong time of year

to see all the vegetables grown in the Everglades Agricultural Area but we did see miles and miles and miles of sugarcane. Another agricultural experience was the visit to a rice mill. It was very noisy but we each came away with a 3lb bag of rice to add to our luggage.

I had never realized the great diversity of the Everglades until I came to see it first hand. I didn't expect to find large forested areas a stone's throw away from a great expanse of sawgrass. At the Royal Palm Visitor Center in the National Park you can walk in one direction to a boardwalk over the sawgrass and in the other to path through a forested hammock.

Despite many promises we never saw the abundance of wildlife that was described to us prior to arriving at each site. The one place that we all agreed had plenty of wildlife was around our lodging in Flamingo. Several members of the party were almost carried off by the swarms of hungry mosquitos, but were saved only by their lavish use of potent cocktails of insect repellents. That evening many of us were lulled into a false sense of security believing that we were safely screened-in from the mosquitos at the lodge's outdoor pool. It is my personal belief that these ravenous insects came armed with wire-cutters and crow-bars to get in and feast on us, even in the pool, before we had finished playing water volleyball.

We managed to

avoid the thunderstorms that we had been lead to expect every afternoon until we prepared to walk through Corkscrew Swamp Sanctuary. The weather made up for lost time with over an hour's torrential downpour while we raised browsing to a fine art in the gift store. After a brisk walk through the dripping cypress trees the general consensus was that the sanctuary was well worth the wait. I wouldn't have believed that you could get 12 foot ferns until I saw them there.

Finally, on the last day the avid ornithologists among us were rewarded with a distant sighting of woodstorks circling over a Polk county wetland, reclaimed from a phosphate mine.

There is no doubt in my mind that the tour was infinitely enhanced by two important things, the endless supply of soda in the cooler at the back of the bus and the superbly prepared handouts without which we would have had a lot less to carry.

The tour ended. The adventure over, our minds stuffed with what we'd seen and learned, everyone waved a fond farewell and returned home a little older and a little wiser.

Helena Wade: Glasgow, UK.



## CAST IS ON A ROLL!

By Randall K. Stocker

Two recently released publications from the Council for Agricultural Science and Technology are getting attention and favorable reviews. CAST's low-keyed, "information only", days may be over with the tremendous response to the 1992 release of "Preparing U.S. Agriculture for Global Climate Change", and "Pesticides: Minor Uses/Major Issues". The first report was reviewed by Philip H. Abelson, in his weekly *Science* editorial:

"...How will increases in levels of CO<sub>2</sub> and changes in temperature affect food production? A recently issued report analyzes prospects for U.S. agriculture 1990 to 2030. The report, prepared by a distinguished Task Force, first projects the evolution of agriculture assuming increased levels of CO<sub>2</sub> but no climate change. Then

it deals with effects of climate change, followed by a discussion of how greenhouse emissions might be diminished by agriculture. Economic and policy matters are also covered..."

The second report reviews the use and EPA reregistration of "minor market" pesticides. This is very informative reading because aquatics falls into the "minor use" category for most materials.

...Historically, there has always been a problem with the availability of pesticides for minor uses. Registrants traditionally have sought the major markets for their products and labeled those uses that could be justified on the basis of economic returns. The significant time and expense required of registrants to develop the data to support registration of new chemicals and to defend existing uses have left fewer resources for registration of minor uses.

This situation was intensified with enactment of the 1988 amendments to the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), which required that all pesticides and their uses registered before November 1984 be reregistered by the end of 1997. Experts now estimate that about 25% of the existing tolerances for pesticide residues on food crops will not be supported by their registrants with new data during the reregistration period. This will have a serious implications for growers of minor crops, and even growers of major agronomic crops requiring minor uses of pesticides..."

...and for those in the business of aquatic plant management.

As your APMS representative on the CAST Board of Directors, I would be happy to show you how to obtain copies of these, or other, CAST reports. Call me at 619-339-9426.

# CHAPTER NEWS

## CALENDAR

November 2 - 7, 1992

February 8 - 11, 1993

March 11 - 13, 1993

June 14 - 16, 1993

July 11 - 14, 1993

North American Lake Management Society, Cincinnati, OH. Contact: NALMS (904) 462-2554

Weed Science Society of America, Radisson Hotel, Denver, CO. Contact: Robert Schmidt (217) 356-3182

NALMS: 2nd Annual Southeastern Lake Management Conference. Comfort Hotel Rivercentre, Chattanooga, TN. Contact: NALMS (904) 462-2554

European Weed Research Society International Symposium, Braunschweig, Germany. Contact: Dr. Th. Eggers Tel. 49-531-399433 FAX 49-531-399239

Aquatic Plant Management Society, Omni Hotel, Charleston, SC. Contact: Joe Zolczynski (205) 626-5153

## MIDWEST A.P.M.S.

MAPMS held its 1992 Annual Conference in Milwaukee, WI this past March. The program included a Sunday afternoon session specifically for applicator training, followed by one and a half days of technical papers on a range of aquatic plant control technologies. Over one hundred members and guests attended the meeting.

The Board of Directors and members have been actively promoting interest and disseminating aquatic plant management information to the public, media and regulatory agencies. Highlights of these efforts include:

1. Development of the Lake Association

Leader's Aquatic Vegetation Management Guidance Manual (ed. Doug Pullman). The publication discusses practical information useful in a.p.m. decision making. Copies are available at low cost through MAPMS.

2. Purchase of a MAPMS exhibit Plus display materials for representation at various state lake association conferences.

3. Start of a scholarship fund to encourage student involvement in this discipline.

4. Funding has been allocated to scientifically address misconceptions and non-factual information in circulation. Several

position papers have been prepared and a priority listing of other concerns has been compiled by polling our members.

5. Encouragement and support of state-wide applicator organizations.

6. Assistance with drafting of pesticide training manuals for state licensing programs. One such effort is currently underway in Michigan.

MAPMS will hold its Thirteenth Annual Conference at Sawmill Creek Resort in Sandusky, Ohio, from March 21st to the 23rd, 1993. We extend a cordial welcome to all APMS and sister chapter members.

## MIDSOUTH A.P.M.S.

### Resolution # 2, Aquatic Plant and Fish Interrelationships.

"Whereas, the role of aquatic plants in providing cover, food, and other ecological benefits for fish has been clearly demonstrated through numerous scientific studies, and

Whereas, the overabundance of aquatic plants, particularly non-native species, has been shown to adversely affect fisheries dynamics and population balance, and

Therefore be it resolved that the Mid-south Aquatic Plant Management Society, in its 9th Annual Meeting on 24-26 October, 1990, in Eufaula, Alabama;

- a. encourages the continued research on aquatic plant and fish interrelationships,

- b. recognizes the importance of research on enhancement of fish resources through management for a diversity of native aquatic plant species, and

- c. supports the continued dialogue concerning aquatic plant management between scientists, anglers, and interested organizations and individuals."

This resolution was discussed at a meeting in which Al Mills, Environmental Director of B.A.S.S. and Jim Bitter, a professional

fisherman discussed fishermen's interest in fisheries and aquatic plant interrelationships. This was at a session held during the 9th Annual Meeting of the MidSouth A.P.M.S. October 24-26, 1990.

From this meeting and resolution interests were maintained and the cooperative effort with B.A.S.S. and Alabama Power Company eventually were formulated. The MidSouth A.P.M.S. served as a catalyst for this effort. The first cooperative project between Alabama Power Company and B.A.S.S. to be considered is the installation of fish attractors on selected Company reservoirs utilizing natural materials and fisheries habitat enhancement using native aquatic plants.

## SOUTH CAROLINA A.P.M.S.

The South Carolina A.P.M.S. held its 14th Annual Meeting on August 13-14, 1992 at South Carolina Electric and Gas Company's Sand Dunes Club on Sullivan's Island. President Phil Fields presided over the meeting which included excellent technical presentations; management program reports by South Carolina, North Carolina, and Santee-Cooper; and a research program report by the U. S. Corps of Engineers. The meeting also included unscheduled visits by the "Hydrilla Gorilla" and other entertaining guests. Golf and

fishing tournaments were held prior to the meeting with the proceeds going towards the Society's scholarship fund.

A \$1,000 scholarship grant was awarded to Chad Coley, a graduate student at North Carolina State University who is studying the effects of various environmental factors on hydrilla growth. Student paper awards were presented to Tim Lee of Clemson University, Chad Coley, and Renea Weeks, a high school summer scholar at the University of South Carolina. The high quality of work being conducted

by these students is very encouraging for the future of aquatic plant management in the Carolinas.

SCAPMS officers for 1992-93 are Jerry McSwain, President; Lewis Decell, Vice-President; Tommy Bowen, Secretary-Treasurer; Danny Johnson, Editor; and M.C. McCleod, Larry McCord, Bob Barden, David DeMont, Phil Fields, Directors. Under the guidance of these officers, the Society is looking forward to another exciting and productive year of aquatic plant management and research activities.

# 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.



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