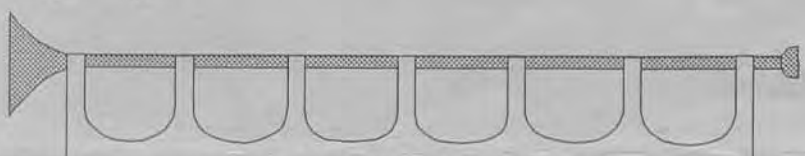
The MidSouth Aquatic Plant Management Society

9/6 - Made Reservation
cancelled 10/8

August 1996 NEWSLETTER Volume 14, No. 2

15 Forms

15TH ANNUAL MEETING - BACK TO THE BEACH! — The 15th Annual Meeting of the MidSouth Aquatic Plant Management Society has been scheduled for October 16-18, 1996, at Gulf State Park Resort Hotel. Room rates are $62.00 plus tax for single/double occupancy and reservations can be made by calling 1-800-544-4853 or 1-334-948-4853. The charge for each additional person (over two) is $6.00 per night.



FINAL CALL FOR PAPERS

Those interested in presenting a paper at this year's meeting should contact Stan Cook or send a title with your name, address, telephone number and a one sentence description of the topic to:

Stan Cook
Alabama Department of Conservation
and Natural Resources Fisheries Section
64 N. Union Street
Montgomery, AL 36130
Phone: 334-242-3471
Fax: 334-242-3032

TVA CHANGES APPROACH TO AQUATIC PLANT MANAGEMENT — Beginning in 1996, TVA will modify its approach to aquatic plant management. In the past, TVA's approach was to control excessive levels of aquatic plants around public and private facilities along developed shorelines of TVA lakes with herbicides. Where practicable, a mechanical harvester rather than herbicides will be used to maintain access to public use areas. Under the new approach, TVA will continue to control nuisance aquatic plants in public use areas but will no

longer control them around private and commercial property. Responsibility for controlling aquatic plants in public waters along private property will belong to the individual property owner. Property owners may implement control measures themselves or hire a contractor. With either case, Federal and state regulations must be followed. The TVA Aquatic Plant Management Team will provide information and technical assistance to property owners to help them implement a program to control aquatic plants in an environmentally responsible manner. TVA also will demonstrate and provide information on hand harvesting methods for private homeowners.

TVA will continue its habitat enhancement and shoreline stabilization activities, which focus on protecting and promoting the growth of native plants in specific locations. Working closely with state agencies and volunteers, TVA plants native species such as bald cypress and tupelo gum on selected lakes and installs fish attractors -- for example, brush piles and stake beds.

Fact sheets and brochures are available that provide additional information about TVA aquatic plant management activities and available control options. A handbook on identifying aquatic plants and selecting appropriate control methods is also available.

If you have any questions, need additional information, or would like to receive copies of educational materials, please contact TVA's Aquatic Plant Management Team at 1-800-288-2483.

Parrot's-feather

TENNESSEE VALLEY COMMON AQUATIC FLORA AND FAUNA BOOKLET AVAILABLE — This booklet was prepared for use with TVA's Teacher/Student Water Quality Monitoring Network and Citizen Monitoring Network. It is designed to familiarize teachers, students, and interested citizens with common aquatic animals and plants found in lakes, rivers, and streams in the Tennessee Valley and to aid in biological monitoring efforts. The book contains a representative sample of common aquatic vascular plants, invertebrates, algae, and fish. Copies of the booklet are available by calling Carol Anne Davis, TVA, Chattanooga, at 423-751-3164.

SOUTH CAROLINA AQUATIC PLANT BOOK UPDATED — When initially released in 1990, *Aquatic and Wetland Plants of South Carolina* quickly became such a popular reference guide for aquatic plant identification and biology that it sold out.

A second edition is now available and has been updated by the original author, Cindy Aulbach-Smith of Botanical Services of South Carolina. The new addition includes additional plant species, revised and updated text, a new more colorful, water-resistant cover, and stronger binding. The Department of Natural Resources also plans to spiral bind some of the books for easier field use.

For information on ordering copies, contact Kimberly Horan, Water Resources Division, S.C. Department of Natural Resources at 803-737-0800.

HERBICIDE LABEL UPDATES — EPA approves less restrictive changes.

✓ Aquathol K

1) removal of 24-hour swimming restriction

2) removal of the skull and crossbones and poison signal word

3) revision to the Precautionary Statements to include removal of the wording, "Fatal if absorbed through skin."

Contact: Gary Sandberg, Elf Atochem North America (212-587-7247)

✓ Komeen — Tim

Will allow Komeen treatments in excess of 16 gallons per acre provided the user does not exceed the 1.0 ppm copper tolerance level. This will allow Komeen treatments in much deeper waters then previously allowed. Contact: Jim Yowell, Griffin Corp. (919-242-8635)

✓ Reward

Reduction of waiting periods regarding drinking water; 1-day for treatments of 0.5 gallon per acre or less, 2-days for 0.75-1.0 gallon per acre, and 3 days for 2 gallons per acre. Swimming; no restriction. Livestock Consumption, 1-day. Irrigation; 5-days on food crops; turf and nonfood crops, 1-day for treatments of 0.5 gallon per acre or less, 2-days for 0.75-1.0 gallon per acre, and 3-days for 2 gallons per acre. Contact: Maruca Lopez, Zeneca Ag Products (510-231-1000)

✓ Rodeo

Now allows the treatment of Rodeo with 1/2-mile of drinking water intakes provided the intake is shut off for at least 48 hours following the treatment. Contact: Daryl Russell, Monsanto (770-594-8949)

✓ Sonar

Now allows for the application of Sonar in potable waters without setbacks or discontinuation of the intake provided concentrations do not exceed 20 ppb. Contact: David Tarver, SePRO Corp. (904-668-2352)

(Source: South Carolina Aquatic Plant Management Society Newsletter, March, 1996)

AQUATIC PLANT ID CARD DECK AVAILABLE — A 3" x 4" card deck of color photographs of 67 aquatic and wetland plant species, suitable for in-the-field reference, is available. The cards are alphabetized with two tables of contents, one by scientific name and one by common name. Each card has plant identification information on the back. The cards are laminated for water resistance and bound with a screw and fastener.

The ID deck (IFAS Catalog No. SM-50) is available from IFAS Publications Office, PO Box 110011, Gainesville, FL 32611, (352) 392-1764. The price for the newly reprinted decks is $10 plus S/H.

AFA ADDRESSES EUTROPHICATION OF ALABAMA LAKES — The Alabama Fisheries Association members recently drafted, voted and passed a resolution concerning the eutrophication of Alabama lakes. The resolution reads as follows:

WHEREAS, the Alabama Fisheries Association is an organization comprised of aquatic resource scientists and managers concerned with protection and improvement of Alabama surface waters.

WHEREAS, recent economic studies have estimated the recreational value of Alabama surface waters at well over $ 1 billion a year.

WHEREAS, eutrophication caused by nutrient enrichment has been identified by the Alabama Department of Environmental Management (ADEM) as an impairment or threat to thousands of surface acres of Alabama's multiple-use lakes.

WHEREAS, ADEM lake monitoring data reveal a steady increase in trophic status (eutrophication) of many Alabama lakes, some (e.g. Coosa river lakes) to significantly elevated levels."

WHEREAS, Alabama does not currently require permitted dischargers to monitor and report the nutrient content of their waste effluent, making it virtually impossible to identify sources (point and non-point) of nutrient pollution.

WHEREAS, Alabama does not currently have specific water quality criteria that relate directly to nutrient enrichment or to the biological manifestations of nutrient enrichment.

THEREFORE, be it resolved that, the Alabama Fisheries Association recommends to all relevant state and federal agencies, the following action:

1) require all major NPDES dischargers (@ 0.5 MGD permitted flow) to measure and report total nitrogen and total phosphorus concentrations in their treated effluents each month unless or until it is clearly demonstrated that said discharger's effluent is not making a significant contribution to nutrient loading of the receiving waters; and;

2) establish lake specific, numerical water quality criteria related directly to nutrient pollution and its biological effects, that will include but not be limited to estimates of plankton algal biomass (e.g. corrected chlorophyll a or algal growth potential).

AQUATIC PLANT DATABASE WEBSITE — The Aquatic Plant Information Retrieval System (APIRS) at the Center for Aquatic Plants at the University of Florida has an online, 41,000-item aquatic plant database. Their web site is located at: **http://aquatl.ifas.ufl.edu/** The web site also includes line drawings, photographs, and descriptions of many aquatic plant species; listings of videos, and other educational products for sale by the Center.

To use the database, your computer must have a "telnet application" (such as QVTNET), **in addition to** your Web browsing software (such as Netscape). **When properly configured**, your browser will automatically start the telnet application when you click on "Telnet" on our Web site database page. Your computer will then present a text only window with the word (or prompt) "login:". Now you type "guest" as the password and follow the log-on instructions as provided on our Web site database page.

Many users have no difficulty accessing the Web site, but when they go to the database page, and click on "Telnet" to get to the aquatic plant database, the message "unable to find application" appears. In short, Web users who get such a message have problem at their end, and need to contact their local computer guru for help in further setting up their Web browsing and telnet capabilities.

ONLINE BOOK - NONINDIGENOUS SPECIES OF FLORIDA — A timely and useful new book about nonindigenous species in Florida is now available for viewing and downloading **only** at the APIRS Web site. This 300+ page review of the scientific literature was initiated by the Aquatic Nuisance Species Task Force authorized under the federal Nonindigenous Species Prevention and Control Act of 1990.

The book, *Nonindigenous Aquatic and Selected Terrestrial Species of Florida*, by J.A. McCann, L.N. Arkin and J.D. Williams (National Biological Service, Gainsville, Florida), presents the status, pathway and time of introduction, present distribution, and significant ecological and economic effects of 154 introduced species of plants, mollusks, insects, fish, amphibians, reptiles, birds, mammals and crabs. (AQUAPHYTE, Spring, 1996)

THANK YOU LETTER FROM MSAPMS SCHOLARSHIP RECIPIENT - It's nice to see our scholarship efforts are making a difference.

David R. Bayne
Auburn University
Dept. of Fisheries and Allied Aquaculture
Auburn, AL 36849-5419

Dear Dr. Bayne:

I am writing to express my gratitude to you and the Society for awarding me with the MAPMS student scholarship. It is certainly greatly needed and even more greatly appreciated. It is easy to forget one's roots after professional success is attained and graduate school is but a distant memory, but the MAPMS obviously remembers how tough those days were. This scholarship, in addition to the hospitality bestowed upon me at your meetings, helped make the rigors of graduate life a little more bearable.

Luckily, I will still be able to work with aquatic vegetation at my new job. Currituck Sound, in northeastern North Carolina, was once one of the greatest bass fisheries on the east coast. Its greatness was derived largely from its expansive coverages of watermilfoil. Unfortunately, salinity levels have increased to the point that the majority of vegetation is gone, and the majority of the bass are now gone as well (see the new issue of BASSMASTER magazine). As part of our search for corrective measures, we are planning sampling strategies to assess YOY bass abundance within selected embayments, most of which still contain some vegetation. It looks like I might be breaking out the Wegener rings again.

Thank you again for your generous donation and say hello to Elise for me.

Sincerely,
Kin Hodges
111 Mallard Drive
Elizabeth City, NC 27909
(979) 771-3254

MEETING CALENDAR

S.C. Aquatic Plant Management Society
Springmaid Beach Recreation & Conference Center
Myrtle Beach, SC
August 21-23
Contact: Tommy Bowen 704-875-5422

Florida Aquatic Plant Management Society
Sheraton Harbor Place, Ft. Myers, FL
October 8-10
Contact: Don Doggett 914-694-2174

MidSouth Aquatic Plant Management Society
Gulfshores, AL
October 16-18
Contact: Stan Cook 334-242-3883

North American Lake Management Society
16th Annual International Symposium
"People, Lakes, and Land"
Minneapolis, MN
November 13-16
Contact: 303-781-8287

Weed Science Society of America
1997 Annual Meeting, Orlando, FL
Clarion Hotel, February 2-6, 1997

LATE LABEL UPDATE

ELF ATOCHEM ANNOUNCES LABEL CHANGES TO ITS AQUATIC ALGICIDE AND HERBICIDE — Philadelphia, PA - July 12, 1996 - Elf Atochem announced today EPA approved label changes for its Hydrothol 191 Aquatic Algicide and Herbicide liquid formulation.

These changes are:

- ✓ the skull and cross bones have been deleted
- ✓ *Do not use where fish are important resources* is deleted
- ✓ the statement *Fish will be killed by dosages in excess of .3ppm* changed to: *Fish <u>may</u> be killed by dosages in excess of .3ppm.*

For more information about Hydrothol 191 aquatic algicide and herbicide or Aquathol K aquatic herbicide contact Elf Atochem NA, 2000 Market Street, Philadelphia, PA 19103.

1996 DUES

- Name: _____
- Address: _____
- Telephone: _____
- Affiliation: _____
- Make checks payable to: MidSouth Aquatic Plant Management Society

Full Membership	$10	Remit to:	Tom Broadwell
Student	$5		Georgia Power Company
Sustaining	$50		5131 Maner Road
Amount Enclosed:	$_____		Smyrna, GA 30080

The MidSouth Aquatic Plant Management Society

Please address reply to:

Chris Hyde - Editor
Alabama Cooperative Extension System
P.O. Box 1904
Decatur, AL 35602