



The MidSouth Aquatic Plant Management Society

Volume 17 No.2

August 1999

BOARD OF DIRECTORS

OFFICERS

HARRY KNIGHT – President
Applied Biochemists
P.O. Box 1181
Cullman, AL 35056-1181
256-796-8704

MARK TOW – President Elect
Alabama Power Company
4600 Airport Road
Gadsden, AL 35901
256-442-1038
mltow@southernco.com

KEN WEATHERS – Sec. Treas.
Ala. Dept. Cons. Natural Resources
P.O. Box 310-292
Enterprise, AL 36331
334-347-9467
fisheries@entercomp.com

SCOTT HENDRICKS - Editor
Georgia Power Company
5131 Maner Road
Smyrna, GA 30080
404-799-2159
ashendri@southernco.com

LEWIS DECELL – Past President
JLD Consulting
P.O. Box 821924
Vicksburg, MS 39182-1924
601-638-7150

DIRECTORS

DAVID FRANKS
MS Dept. of Wildlife/Fisheries/Parks
20014 Lake Monroe
Aberdeen, MS 39730
601-256-4087

STEVE MIRANDA
MS Coop. F & W Resources Unit
P.O. Drawer BX
Mississippi State, MS 39762
601-325-3217

WENDY SEESOCK
Dept. Fisheries and Allied
Aquacultures
Auburn University
Auburn, AL 36849
334-844-9212

JOE JERNIGAN
Ala. Dept. Cons. Natural Resources
64 N. Union St., Suite 658
Montgomery, AL 36130
334-242-3628

DON'T FORGET TO MAKE YOUR RESERVATIONS

FOR THE

1999 ANNUAL MEETING!

THE 1999 MSAPMS meeting will be at the Gulf State Park Resort Hotel, Gulf Shores, AL, **October 20-22**. The annual scholarship golf outing will be held at one of the Cotton Creek courses on Thursday afternoon. A computer workshop on the internet and web surfing will also be conducted on Thursday afternoon, and a seafood buffet will be served at the oceanside pavillion on Thursday night! **A pre-registration form is enclosed for your convenience. Please return your completed form and pre-registration fee to Ken Weathers by October 1, 1999.**

Room rates will be \$62.00/night, single or double occupancy. **Make your reservations early by calling the hotel at 800-544-4853 or 334-948-4853.**



MANY THANKS!!

The MSAPMS is very grateful to all companies, organizations, and individuals that have contributed to this year's meeting. Please remember to express your appreciation to them for their generosity and committment to the MSAPMS.

President-elect Mark Tow would also like to thank the individuals that have agreed to make presentations at the meeting. Mark has pulled together a great program and he appreciates the support of the membership.



EIGHTEENTH ANNUAL MEETING

MIDSOUTH AQUATIC PLANT MANAGEMENT SOCIETY

Wednesday, October 20, 1999

2:15pm

Small-scale Evaluations of Herbicides Against Giant Salvinia
Linda S. Nelson, USACE Research and Development Center, Vicksburg, MS, and John Skogerboe, USACE Aquatic Ecosystem Research Facility, Lewisville, TX

2:30pm

Break

2:45pm

Meanwhile Out in the Field
Terry Goldsby
Aqua Services, Inc.

Session II

Pigment Response of Aquatic Plants to Fouridone During Field Applications

Susan L. Sprecher
USACE Research & Development Center, Vicksburg, MS

Quantification of Inorganic Turbidity on Diquat Efficacy

Angela G. Poovey, AS cl Corp., WES, Vicksburg, MS, and Kurt Getsinger, USACE Research & Development Center, Vicksburg, MS

Integrated Aquatic Weed Control Program for Farm Ponds

Norman Latona & Scott Kirk
Southeastern Pond Management

Aquatic Plant Control Research Program Update

Robert C. Gunkel
USACE Research & Development Center, WES, Vicksburg, MS

Business Meeting

4:00pm

10:00am **Board of Directors Meeting**

10:30am to 4:00pm **Registration**
Gulf State Resort

Session I

1:00pm **Call to Order**
Invocation

1:05pm **Presidential Address**
Harry Knight
President, MSAPMS
Applied Biochemists, Huntsville, AL

1:15pm **Announcements**
Mark Tow, Program Chairman
Alabama Power Co., Gadsden, AL

1:20pm **Keynote Address - Entering Y-2K**
Lewis Decell
President, JLD Consulting,
Vicksburg, MS

1:50pm ***Salvinia molesta* in Alabama**
Joe Zolczynski
AL Dept. Cons. Nat. Res.
Spanish Fort, AL

2:00pm ***Salvinia molesta* Control Efforts at Toledo Bend Reservoir**
Steve Kammerer
Zeneca Corporation



Thursday, October 21, 1999

Session III

		12:45 -6:00pm	
			Scholarship Golf Tournament Cotton Creek Country Club
8:00am	Industry Updates	1:30-4:00pm	
9:00am	Troublesome Aquatic Weeds in Alabama: Then and Now David Bayne Auburn University		Getting the Plant Info You Need - How to Access and Use the APIRS Online Database Karen Brown University of Florida
9:15am	Relating Aquatic Plants to Bass Populations Mike Maceina Auburn University	6:30pm	Seafood Buffet Oceanside Pavillion
9:30am	The Biology of Lyngbya and Treatment Strategies Larry Dyck Clemson University		
9:50am	Risk Assessment of Herbicides for Aquatic Use John Rodgers Clemson University		



Friday, October 22, 1999

Session IV

10:10am	University of Florida Invasive Plant Control Efforts Ken Langland University of Florida	8:00am	Combining Sonar SRP and Contact Herbicides to Improve Spot Treatment Control of Hydrilla and Eurasian Water Milfoil Mike Netherland SePro Corporation
10:30am	Use of Herbicide Combinations for Improved Control of Hydrilla John Skogerboe, Toni Pennington, Kurt Getsinger USACE Research and Development Ctr	8:15am	BASS Anglers and Plant Control: Potentially Your Best Allies Bruce Shupp BASS Inc.
10:45am	Biological Weed Control: Triploid Grass Carp Production Barry Smith American Sport Fish, Inc.	8:30am	Working With Weeds and Water at Auburn Renea Beam Auburn University
11:00am	Large Reservoir Control Strategies in South Carolina Steve deKozlowski So. Carolina Dept. Natural Resources	8:45am	Industry View of the Aquatic Market M.C. McLeod Griffin Corporation
11:30am	Lunch	9:00am	Break



Session V - Updates

- 9:15am **TVA Update**
David Webb
- 9:30am **MS Dept. of Wildlife/Fish/Parks Update**
David Franks
- 9:45am **GA DNR Update**
Frank Ellis
- 10:00am **GA Power Update**
Tom Broadwell
- 10:15am **USACE Mobile District Update**
Mike Eubanks
- 10:30am **Alabama Power Update**
Wes Anderson
- 10:45am **Adjourn - 18th Annual Meeting**
- 11:00am **Board of Directors Meeting**



NEWS BITS

Alabama

***Salvinia molesta* confirmed in Alabama**

Giant *Salvinia molesta* was discovered in a pond on the Indian Pines Golf Club in Auburn this past spring. The plant was positively identified by Collette Jacono of the U.S. Geological Survey. It appeared that *S. molesta* had been present in the pond for 2-3 years, and the golf club had treated the infestation. The pond is in the Saughatchee Creek drainage, which flows into the Tallapoosa River system at Alabama Power's Yates Lake. A subsequent survey by the fisheries section of the Alabama Department of Conservation and Natural Resources confirmed *S. molesta* in a second pond downstream of the golf club. *S. molesta* was not found at any other surveyed locations of Saughatchee Creek or in Yates Lake. ADCNR and Alabama Power are currently reviewing options for dealing with this nuisance species. -- Joe Zolczynski

Georgia

Lake Seminole Bass-Grass Relationships Under Investigation

Auburn University researchers are studying the population characteristics and reproductive success of Lake Seminole largemouth bass in relation to submersed aquatic vegetation coverage. The study is funded by the Georgia Department of Natural Resources.

This research has yielded some valuable insights into the future management of aquatic vegetation at Lake Seminole, which has been plagued at times with very dense hydrilla growth. For example, the study showed that adult largemouth bass grew much slower in areas with dense hydrilla coverage (Spring Creek -76%) relative to areas with less coverage (Chattahoochee R.-26%, Flint River-32%). Relative weight and fecundity were also lower in densely vegetated areas. The researchers summarized that aquatic plant management techniques that reduced excessive hydrilla coverage and promoted a mixed vegetative community would likely provide suitable habitat for growth, reproduction, and recruitment of largemouth bass -- Steve Brown, Mike Maceina



EIGHTEENTH ANNUAL MEETING

MIDSOUTH AQUATIC PLANT MANAGEMENT SOCIETY

Wednesday, October 20, 1999

		2:15pm	Small-scale Evaluations of Herbicides Against Giant Salvinia Linda S. Nelson, USACE Research and Development Center, Vicksburg, MS, and John Skogerboe, USACE Aquatic Ecosystem Research Facility, Lewisville, TX
10:00am	Board of Directors Meeting	2:30pm	Break
10:30am to 4:00pm	Registration Gulf State Resort	2:45pm	Meanwhile Out in the Field Terry Goldsby Aqua Services, Inc.
	<u>Session I</u>		<u>Session II</u>
1:00pm	Call to Order Invocation	3:00pm	Pigment Response of Aquatic Plants to Fouridone During Field Applications Susan L. Sprecher USACE Research & Development Center, Vicksburg, MS
1:05pm	Presidential Address Harry Knight President, MSAPMS Applied Biochemists, Huntsville, AL	3:15pm	Quantification of Inorganic Turbidity on Diquat Efficacy Angela G. Poovey, AS cl Corp., WES, Vicksburg, MS, and Kurt Getsinger, USACE Research & Development Center, Vicksburg, MS
1:15pm	Announcements Mark Tow, Program Chairman Alabama Power Co., Gadsden, AL	3:30pm	Integrated Aquatic Weed Control Program for Farm Ponds Norman Latona & Scott Kirk Southeastern Pond Management
1:20pm	Keynote Address - Entering Y-2K Lewis Decell President, JLD Consulting, Vicksburg, MS	3:45pm	Aquatic Plant Control Research Program Update Robert C. Gunkel USACE Research & Development Center, WES, Vicksburg, MS
1:50pm	<i>Salvinia molesta</i> in Alabama Joe Zolczynski AL Dept. Cons. Nat. Res. Spanish Fort, AL	4:00pm	Business Meeting
2:00pm	<i>Salvinia molesta</i> Control Efforts at Toledo Bend Reservoir Steve Kammerer Zeneca Corporation		



Session V - Updates

- 9:15am **TVA Update**
David Webb
- 9:30am **MS Dept. of Wildlife/Fish/Parks Update**
David Franks
- 9:45am **GA DNR Update**
Frank Ellis
- 10:00am **GA Power Update**
Tom Broadwell
- 10:15am **USACE Mobile District Update**
Mike Eubanks
- 10:30am **Alabama Power Update**
Wes Anderson
- 10:45am **Adjourn - 18th Annual Meeting**
- 11:00am **Board of Directors Meeting**



NEWS BITS

Alabama

***Salvinia molesta* confirmed in Alabama**

Giant *Salvinia molesta* was discovered in a pond on the Indian Pines Golf Club in Auburn this past spring. The plant was positively identified by Collette Jacono of the U.S. Geological Survey. It appeared that *S. molesta* had been present in the pond for 2-3 years, and the golf club had treated the infestation. The pond is in the Saugahatchee Creek drainage, which flows into the Tallapoosa River system at Alabama Power's Yates Lake. A subsequent survey by the fisheries section of the Alabama Department of Conservation and Natural Resources confirmed *S. molesta* in a second pond downstream of the golf club. *S. molesta* was not found at any other surveyed locations of Saugahatchee Creek or in Yates Lake. ADCNR and Alabama Power are currently reviewing options for dealing with this nuisance species. -- Joe Zolczynski

Georgia

Lake Seminole Bass-Grass Relationships Under Investigation

Auburn University researchers are studying the population characteristics and reproductive success of Lake Seminole largemouth bass in relation to submersed aquatic vegetation coverage. The study is funded by the Georgia Department of Natural Resources.

This research has yielded some valuable insights into the future management of aquatic vegetation at Lake Seminole, which has been plagued at times with very dense hydrilla growth. For example, the study showed that adult largemouth bass grew much slower in areas with dense hydrilla coverage (Spring Creek -76%) relative to areas with less coverage (Chattahoochee R.-26%, Flint River-32%). Relative weight and fecundity were also lower in densely vegetated areas. The researchers summarized that aquatic plant management techniques that reduced excessive hydrilla coverage and promoted a mixed vegetative community would likely provide suitable habitat for growth, reproduction, and recruitment of largemouth bass -- Steve Brown, Mike Maceina

1999 MEMBERSHIP DUES

NAME: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

AFFILIATION: _____

Make checks payable to:
MidSouth Aquatic Plant Management Society

Full Membership \$10
Student \$5
Sustaining \$50

Remit to: Ken Weathers
 Alabama DCNR
 PO Box 310-292
 Enterprise, AL 36331

Amount Enclosed \$



**The MidSouth Aquatic
Plant Management
Society**



Send Newsletter Items to:

Scott Hendricks - Editor
Georgia Power Env. Lab.
5131 Maner Road
Smyrna, GA 30080
ashendri@southernco.com

