

WAPMS NEWS - Fall 2000 Issue
Newsletter of the
Western Aquatic Plant Management Society

WAPMS NEWS

December 2000

Message from the President

As the holidays are approaching and we reach the end of another calendar year, it is always a great time to review our recent accomplishments and progress against goals. Most of us involved in the war on weeds know we still have a few skirmishes to wage, and will face even more threats coming in from foreign borders.

One way to get support in waging this war on weeds is to arm yourselves with the best and most current information possible. You will find that by attending our upcoming annual WAPMS meeting in Las Vegas, NV on March 29 & 30, 2001.

Vice-President and Program Chair, Mike Mizumoto, has done a great job in putting together a solid program packed with relevant topics to help us win our aquatic weed battles.

One of the most time-tested ways to win wars is to have an informed and able army. That means: invite colleagues, friends, students, and co-workers that would benefit from the information presented at this conference. Mike has expanded our pool of sponsors who will also have information available, and answer the tough question on halting the spread of invasive and noxious aquatic weeds.

So, sign-up now to attend. Remember, Circus~Circus is a great place to relax and have fun for you, your spouse, and family, too.

I look forward to seeing you in Vegas, and please introduce me to the new people you will be bringing along with you.

Sincerely,

Ron P. Crockett
President, WAPMS

WAPMS Meeting 2001

The 2001 meeting is shaping up fantastic! Thanks in large part to the sponsors and speakers. All of our corporate sponsors have agreed to continue sponsoring the Chapter. The speakers have been equally obliging as you can see from the tentative program schedule (see below). My

undying gratitude to all of you. There are still a few "slots" open for presentations, so it isn't too late to submit an abstract!

Here are a few reminders and information for you:

1. Pre-register and save. Deadline for pre-registration is March 1, 2001
2. Make checks payable to: Western Aquatic Plant Management Society or WAPMS
3. Send registration and sponsor fees to Nate Dechoretz
4. When making reservations at Circus Circus: uses WAPMS Group Code # D03WEST- Western Aquatic Plant Management Society (ph# 800-634-3450)
5. Speakers – please send me your abstracts as soon as possible (150-200 words)
6. Sponsors – Company bio's – if you would like it included in our program – send company bio to me as soon as possible (150-200 words, please)
7. Sponsors – if you would like to set up company displays – also let me know

For additional info contact me at: phone-(760) 339-0565; FAX (760) 339-0595; e-mail gcastro@iid.com

See you in Las Vegas
Mike Mizumoto

CALL for PAPERS
2001 Annual Meeting
Western Aquatic Plant Management Society
March 29-March 30, 2001

The meeting will be held at the Circus Circus Hotel in Las Vegas, Nevada. Room rates will be \$69.00 + tax for 3/28&29 and \$99.00 for 3/30&31. Call Circus Circus directly to make reservations, use the WAPMS Group Code # D03WEST-Western Aquatic Plant Management Society. Ph # (800) 634-3450

Send this form to:

Mike Mizumoto
Vice President-WAPMS
PO Box 937
Imperial, CA 92251

For additional information on accommodations or the program, contact Mike @ (760) 339-065, FAX (760) 339-0595, or Email gcastro@iid.com

Title: _____

Author(s): _____

Address: _____

Type of Audio Visual equipment you require: _____

On a separate piece of paper, provide a brief abstract (150 words or less) using the following format.

Jerry Tarkanian, THE IMPACT OF SALVINIA MOLESTA ON RECRUITING FOR A SMALL SOUTHWESTERN COLLEGE BASKETBALL PROGRAM. PO BOX \$\$\$, Las Vegas, NV 89109

"The spread of the invasive aquatic plant, *Salvinia molesta*, has even affected the....."

Make plans early, don't hesitate, and don't delay. Invite a co-worker or an associate to submit an abstract. Bring a new member into the WAPMS fold.

PRE-REGISTRATION FORM
20TH ANNUAL WAPMS MEETING

The meeting will be held at the Circus Circus Hotel in Las Vegas, Nevada. Room rates will be \$69.00 + tax for 3/28&29 and \$99.00 for 3/30&31.

HOTEL RESERVATIONS: Call Circus Circus, ph# (800) 634-3450, give WAPMS Group Code# D03WEST-Western Aquatic Plant Management Society.

Name: _____

Company or Affiliation: _____

Address: _____

Telephone #: _____

FAX #: _____

E-mail: _____

Pre-registration (before March 1, 2001) \$50.00*

Registration (after March 1, or at door) \$70.00*

*includes membership dues to WAPMS

Make Checks Payable to:

WESTERN AQUATIC PLANT MANAGEMENT SOCIETY

or WAPMS (not CDFR or Nate Dechoretz)

Send this form and payment to:

Nate Dechoretz

CA Dept. of Food & Agriculture

1220 N Street, Rm A-357

Sacramento, CA 94271-001

For conference info contact Mike Mizumoto (760) 339-0565 or e-mail gcastro@iid.com

WESTERN AQUATIC PLANT MANAGEMENT SOCIETY

CORPORATE SPONSOR FORM

\$200/YEAR

COMPANY: _____

CONTACT PERSON: _____

Phone Number: _____

E-MAIL: _____

Make Checks Payable to: Western Aquatic Plant Management Society or WAPMS (not CDFR or Nate Dechoretz)

Send checks and this form to:

Nate Dechoretz

CA Dept. of Food & Agriculture 1220 N Street, Rm A-357

Sacramento, CA 94271-0001

In appreciation for your sponsorship, if you provide a brief synopsis of your company, it will be included in our 2001 Program. Please limit your synopsis to one paragraph (150 words) (PLEASE do not make me edit your submission due to length). FAX or E-mail the synopsis to me at:

FAX (760) 339-0596 or E-mail gcastro@iid.com Deadline for submissions is February 15, 2001.

We will also have space for small/table top displays & brochures. If you would like space reserved for your company/agency, please let me know.

Draft Conference Agenda

March 29, 2001

7:00 - 8:00

Registration

8:00 - 8:15	Opening comments-Ron Crockett, WAPMS President
8:15 - 8:45	Jim Schmidt-APMS President, State of the Society
SESSION I	TOPIC SALVINIA
8:45 - 9:05	Update on <i>Salvinia</i> in the Colorado River Bob Pitman-USFWS
9:05 - 9:25	<i>Salvinia</i> in Texas - Earl Chilton or Rhandy Helton, Texas Dept. of Parks & Wildlife
9:25 - 9:45	<i>Salvinia</i> - Reward - Dan Wickham-Zeneca
9:45 - 10:05	<i>Salvinia</i> - research - TBA
10:05 - 10:30	BREAK
SESSION II	
10:30 - 10:50	Update of Nevada programs-John O'Brien Nevada Dept. of Ag.
10:50 - 11:10	Eurasian watermilfoil, Glen Seacrist, Idaho Dept of Ag.
11:10 - 11:30	<i>Egeria</i> & Hyacinth-Pat Thalken-CA Boatings & Waterways
11:30 - 11:50	<i>Caulerpa taxifolia</i> in CA-Lars Anderson- USDA/ARS
11:50 - 1:15	LUNCH on your own
SESSION III	GRASS CARP
1:15 - 1:35	Use of Grass Carp in Alberta, Canada-Ron Beck Alberta Agriculture & Rural Development
1:35 - 1:55	Aquatic Weed Control in the Salt River Project, AZ David Maldonado-SRP
1:55 - 2:15	Radio Tracking Grass Carp , Central Arizona Project, AZ -Jim Garza/Kevin Fitzsimmons-CAP

2:15 - 2:35	Grass Carp/Hydrilla Eradication-Mexicali Valley, Mexico-Ricardo Hernandez-USDA (tentative)
2:35 - 3:00	BREAK
SESSION IV	
3:00 - 3:20	Salt cedar bio control, (tentative)
3:20 - 3:40	Purple loosestrife-Debra Eberts-BOR
3:40 - 4:00	Purple loosestrife-Nate Dechoretz-CDFA
4:00 - 4:20	Giant Cane Control with Glyphosate and Impacts to Fish & Frogs, Joel Trumbo-CDFG
ADJOURN	
4:30 - 5:15	WAPMS Board Meeting
6:00 - 8:00	WAPMS Reception
March 30, 2001	
8:00 - 8:30	WAPMS Business mtg
8:30 - 8:50	Chemical toxicity-Dan Wickham, Zeneca
8:50 - 9:10	Heavy metal uptake by aquatic macrophytes Harold Ornes-Southern Utah University
9:10 - 9:30	NPDES-chemical applications-Pat Thalken, Boatings & Waterways
9:30 - 9:50	New Product lines-MC McCloud, Griffin LLC
9:50 - 10:15	BREAK
10:15 - 10:35	Hydrilla in Texas-Earl Chilton or Rhandy Helton Texas Parks & Wildlife
10:35 - 10:55	Hydrilla in CA-Nate Dechoretz, CDFA
10:55 - 11:15	TBA-SePro
11:15 - 11:35	TBA

11:35

Closing Remarks

ADJOURN

Scholarship for Work on Aquatic Plants

The **Western Aquatic Plant Management Society** (WAPMS) announces a scholarship to support students in their pursuit of a degree in aquatic sciences.

WAPMS is a professional and scientific society of western aquatic plant managers and scientists. Members include research scientists, aquatic vegetation managers, agency personnel, and industry interested in all aspects of aquatic plant biology, ecology, and management. The WAPMS Scholarship is supported by WAPMS members.

WAPMS will present a \$1000 scholarship in 2001. Scholarship funds may be used by the recipient to cover costs associated with education and/or research expenses. Eligible applicants must be enrolled as a full-time undergraduate or graduate student in an accredited college or university in the western United States. Course work or research in an area related to the biology, ecology, or management of aquatic plants in the West is also required. The guidelines for applying are described below.

All scholarship applicants will receive a one-year membership in WAPMS and a waiver of registration fees for the 2001 meeting in Las Vegas. The scholarship recipient will be invited to make a presentation at the annual meeting in 2002.

Applications will be judged by a committee consisting of academic, industry, and agency representatives. Judging will not be done by individuals with a personal or institutional affiliation with the applicant.

Application Procedure:

1. Applicant must provide a short resume; transcripts of all college/university course work; and a statement of their interests, career goals, and intended use of scholarship funds. The statement should be limited to four pages.
2. Two letters of support must also be submitted. One must be from a college or university faculty member familiar with the student's abilities, interests, and career goals.
3. All application materials should be send to the WAPMS Scholarship Program Chair by December 31, 2000 (post-mark date). Announcement of the scholarship winner will be at the WAPMS annual meeting in March 2001.

Please send five copies of all application materials to:

Mark D. Sytsma
WAPMS Scholarship Program
Center for Lakes and Reservoirs / ESR
Portland State University
Portland OR 97207-0751
Phone: 503-725-3833
email: sytsmam@pdx.edu

New \$3 million IFAFS Grant to ARS and cooperators

USDA-ARS was awarded a new \$3,000,000. grant from the USDA-IFAFS to work on Biologically-base control for the area-wide management of exotic and invasive weeds. This Consortium grant was coordinated by the USDA Exotic and Invasive Weeds Research Unit of the Western Regional Research Center in Albany, CA. The \$3.0 million will be used over 4 years to research control methods for three invasive weed species, saltcedar, giant reed and yellow starthistle.

Although USDA-ARS is the lead institution, several other groups are involved in the Consortium effort. Three of the Principal Investigators are from ARS (Ray Carruthers (lead PI), Albany, CA; Dave Spencer, Davis, CA; and Jack DeLoach, Temple, TX), two from Univ. of Calif. Berkeley (Carla D'Antonio and Tom Dudley), one from Texas A&M Univ. (Allen Knutson), and one from the Univ. of Wyoming (Dave Kazmer). Several additional federal, state and private groups are also involved as collaborators, many of whom will participate in the implementation aspects of the project. The proposal supports a variety of activities aimed at invasive weed management and it allows ARS to maintain leadership in this program area. The program will focus research in California/Nevada, Texas/New Mexico and Colorado/Wyoming research sites, and implementation activities will be conducted by project cooperators in several western states. An organizational planning meeting will be held in Albany, CA later this winter to initiate this project. The project will focus on three major tasks:

- 1) Development of new benefit/ risk evaluation methods for biological control agents used to combat invasive plant species in sensitive environments;
- 2) Area-wide and ecosystem level research on the impact of target weeds and optimizing the effects that biological and other integrated methods of control have on beneficial flora, fauna and physical aspects of the environment; and
- 3) Area-wide assessments of invasive species impact, implementation of biological control release and evaluation, natural enemies impact assessment, and evaluation of other weed control methods.

This effort uses a team-approach that includes scientists, land managers, economists, and risk assessors from state, federal and private groups. The Consortium will provide expertise across disciplines, and methodologies from basic research to area-wide implementation and evaluation. This grant is truly an Inter-Departmental effort that includes cooperation with the Dept. of Interior and other USDA Agencies (APHIS and ORACBA). Overall, this project will develop control options for invasive plants that will be implemented and evaluated on private, government, and Native American lands.

Raymond I. Carruthers, Research Leader

Graduate Assistantship Announcement

A graduate assistantship in the area of aquatic plant management and ecology is being offered jointly by The Aquatic Ecosystem Restoration Foundation (AERF), a non-profit applied research and education organization, and The Aquatic Plant Management Society (APMS). Co-sponsors of this academic award will include some, if not all, of the six APMS regional chapters.

Objective: To provide a stipend for a full-time graduate student to conduct research in the areas involving aquatic herbicides or algicides (used alone or in combination with other management approaches) or in aquatic ecology related to the management of regionally or nationally-recognized nuisance vegetation.

Applicant Eligibility: Solicitation for proposals is open to any full-time faculty member and/or graduate student of an accredited U.S. academic institution. A faculty sponsor must be identified if applicant is a graduate student.

Amount: \$40,000.00

Duration: Two years.

Proposal Deadline: Applications must be postmarked no later than 1 April 2001.

Proposal Deadline: Applications must be postmarked no later than 1 April 2001.

Guidelines for Proposals: Proposals should contain a concise statement of the project, including its purpose and justification, as well as sections that discuss study objectives, methodologies, schedule, budget, and planned publication of results. Budget should primarily be designated to provide support for a graduate student. The AERF will not pay overhead/indirect costs on approved projects. Resume of faculty applicant and graduate student (if known), not to exceed 2 pages each. Proposals should not exceed 10 pages and must be signed by the applicant (principal investigator) and appropriate university official. An original and 10 copies should be submitted to: Dr. K. D. Getsinger, AERF Technical Advisory Committee Chair, c/o CEERD-EP-P, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199.

Award: Notification of award will be provided to the faculty member by July 2001, with initiation of the stipend scheduled for the 2001-2002 academic year.

Inquiries: Mr. Michael D. Moore, Executive Director AERF, 817 Pepperwood Dr., Lansing, MI 48917, mdmoore817@aol.com, (517) 323-7685; or Dr. K. D. Getsinger, getsink@wes.army.mil, (601) 634-2498.

2001 Scholarship from the South Carolina Aquatic Plant Management Society

The South Carolina Aquatic Plant Management Society is seeking applications for its annual scholarship grant. The Society intends to award a \$2000 grant to the successful applicant in the fall of 2001. Grant funds may be used by the recipient to cover costs associated with education and research expenses.

Persons interested in applying for the scholarship grant should contact Danny Johnson, SC Department of Natural Resources, 2221 Devine Street, Suite 222, Columbia, South Carolina 29205, (803) 734-9099, or johnsond@water.dnr.state.sc.us.

CALENDAR

2ND ANNUAL MEETING, NORTHEAST AQUATIC PLANT MANAGEMENT SOCIETY.

January 16-17, 2001. Suffern, NY. contact Gerry Smith, Program Chair, NEAPMS, c/o ACT, Inc., 11 John Road, Sutton, MA 01590; Phone: (508) 865-1000; E-mail: gsmith@aquaticcontroltech.com

AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY (ASLO) 2001 AQUATIC SCIENCES MEETING, Feb 12-16, 2001. Albuquerque Convention Center, Albuquerque, NM. Information from Helen Lemay, ASLO Business Office 800-929-ASLO or business@also.org

7TH FEDERAL INTERAGENCY SEDIMENTATION CONFERENCE, Las Vegas, NV (Silver Legacy Hotel and Casino). March 21-23, 2001. Information Sue Robertson, 423-751-7374 or srobertson@tva.gov

WESTERN AQUATIC PLANT MANAGEMENT SOCIETY ANNUAL MEETING, Las Vegas, NV March 29-30, 2001. See this newsletter for information!

WASHINGTON LAKE PROTECTION ASSOCIATION 14th ANNUAL CONFERENCE ON LAKES, RESERVOIRS AND WATERSHEDS WITH A SPECIAL FOCUS ON FEDERAL INITIATIVES. April 4-7, 2001, Spokane, WA.

INDIANA LAKES MANAGEMENT SOCIETY, April 6-7, 2001, French Lick, IN Contact Tina M. Hissong for information 219-842-3686 or lmec@culcom.net

28TH ANNUAL MEETING, ECOSYSTEMS RESTORATION AND CREATION. May 10-11, 2001. Tampa, Florida.

For more information, contact F.J. Webb, Hillsborough Community College, Plant City Campus, 1206 N. Park Road, Plant City, FL 33566. (813) 757-2104; E-mail: webb@mail.hcc.cc.fl.us

AQUATIC WEED SHORT COURSE. May 14-18, 2001. Fort Lauderdale, Florida.

The Aquatic Weed Short Course in Ft. Lauderdale is designed for field and office personnel alike. And attendees earn CEUs at the same time. This short course has come to be known as *the* educational forum for freshwater enviro-workers in Florida.

For more information, WWW: <http://www.ifas.ufl.edu/~conferweb/aw> For program information, contact Dr. Vernon Vandiver at (954) 577-6316.

41ST ANNUAL MEETING, AQUATIC PLANT MANAGEMENT SOCIETY, July 15-18, 2001
Minneapolis, MN. Information at <http://www.apms.org>.

11TH INTERNATIONAL CONFERENCE ON AQUATIC INVASIVE SPECIES. October 1-4, 2001. Hilton Alexandria Mark Center, Alexandria, VA. This conference deals with aquatic animal and aquatic plant invaders, and will feature talks on prevention, rapid response, and management; global and regional environmental impacts; habitat/ecosystem changes; monitoring and information exchange; education and outreach initiatives; ballast water and shipping; and control technologies. Abstracts are due by December 17, 2000. For more information, contact the Conference Administrator at 800-868-8776.