PROGRAM

THIRTY-FIFTH
ANNUAL MEETING

THE AQUATIC
PLANT MANAGEMENT
SOCIETY, INC.

HYATT REGENCY
BELLEVUE, WASHINGTON
JULY 9-12, 1995
Sunday through Wednesday
THE PROGRAM

THIRTY-FIFTH ANNUAL MEETING

THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.

JULY 9-12, 1995

HYATT REGENCY
BELLEVUE, WASHINGTON

SUNDAY JULY 9, 1995

8:00-8:30 am  Board of Directors Coffee
Larch Board Room

8:30-12:00 pm  Board of Directors Meeting
Larch Board Room

1:15-2:00 pm  Washington Department of Ecology
Hydrilla Working Group Meeting
Larch Board Room

2:00-5:00 pm  Exhibitors Display Setup
Grand Foyer

3:00-6:00 pm  Registration
Grand Staircase

President’s Reception
7:00 - 9:00 pm
Hyatt Wintergarden
MONDAY JULY 10, 1995

8:00-5:00 pm  Registration
Grand Staircase

9:00-5:00 pm  Exhibits on Display
Grand Foyer

8:30 am  Call to Order of 35th Annual Meeting

8:35 am  Welcome

8:45 am  Announcements-Terry McNabb,
1995 Program Chair

9:00 am  APMS Chapter Reports
Western APMS
Midwest APMS
Mid South APMS
South Carolina APMS
Texas APMS
Florida APMS

9:45 am  Presidential Address
Steven de Kozlowski

10:00 am  Break

10:15 am  An Overview of Aquatic Plant Problems in the Pacific Northwest,
Terry McNabb, Resource Management, Inc., Tumwater, WA

10:45 am  The Campaign for Aquatic Herbicide Registration: Lake Minnetonka, a
Case History, Dr. Kurt Getsinger, US Army Corps of Engineers Aquatic
Plant Control Research Program, Vicksburg, MS; and Dave Petty,
DowElanco, Indianapolis, IN

11:15 am  APMS Business Meeting

11:45 am  Lunch

Session II
Moderator: Kathy Hamel
Washington Department of Ecology
Grand Ballroom

(\* indicates a participant in the 1995 Student Paper Contest)

1:15 pm  Ecological and Environmental Results of Eurasian Watermilfoil
Infestations, Dr. John Maasen, US Army Corps of Engineers LAERF, Lewisville, TX

1:45 pm  Impacts of Aquatic Vegetation on Fisheries in the Pacific Northwest, Dr.
Jonathan Froedge, King County Department of Municipal Services,
Seattle, WA

2:00 pm  Fact or Perception: Do We Really Have an Aquatic Non-Indigenous Plant
Species Problem in the United States?,
Dr. Steve Cockrellham, SePRO Corporation, Carmel, IN

2:15 pm  Effects of Macrophytes on Water Quality, Dr. John Barko and William
James, US Army Corps of Engineers Aquatic Plant Control Research
Program, Vicksburg, MS

2:30 pm  Successful Control of Hydrilla and Re-establishment of Native Plant
Communities on Lake Okeechobee
Despite Long Odds, Brian Nelson,
Southwest Florida Water Management District, Brooksville, FL
2:45 pm  Aquatic Plant Action Plan for Lake Seminole, AL-FL-GA, Michael Eubanks, US Army Corps of Engineers, Mobile District, Mobile, AL

3:00 pm  Break

3:15 pm  The Use of Sonar™ as a Renovative Tool to Restore Aquatic Ecosystems, Allen (Bo) Burns, SePRO Corporation, Carmel, IN

3:30 pm  Copper Treatments and Aquatic Sediments, Dr. John Rodgers and Emily Deaver, University of Mississippi, Oxford, MS

3:45 pm*  Anodic Stripping Voltammetry as a Tool for Measuring Bioavailable Copper, Emily Deaver and Dr. John Rodgers, University of Mississippi, Oxford, MS

4:00 pm  Assessing the Effects of Copper in Freshwater Sediments-Lake Steilacoom, WA, Dave Templeton, HartCrowser, Seattle, WA

4:15 pm  Innovative Approaches to Technology Transfer of the Use of Biological Control Agents in the Management of Aquatic Plants, Dr. Al Co Francesco and Michael Grodowitz, US Army Corps of Engineers, Aquatic Plant Control Research Program, Vicksburg, MS

4:30 pm  Hydrilla Management in Large Lakes of Florida's Kissimmee Chain of Lakes, Mike Biddle, South Florida Water Management District, West Palm Beach, FL

4:45 pm  Sequential (Simulated-Tidal) and Continuous Exposures of *Egeria densa* to Sonar™, Lars W. Anderson and Suzanne Fellows, USDA-ARS Aquatic Weed Control Laboratory, UC-Davis, Davis, CA

6:30-9:00 pm  Applied Biochemist Reception

Hyatt Wintergarden
9:30 am Update on the Environmental Protection Agency's Role in Aquatic Plant Management Programs, Fred Kerper, US EPA, Atlanta, GA

9:45 am Funding Options for the Texas APC Program, Joyce Johnson, Texas Parks and Wildlife Department, Austin, TX

10:00 am Break

10:15 am Aquatic Plant Management in Oregon, Keith Perkins, Mark Sylstra, Portland State University, Portland, OR and Dave Wagner, Devils Lake Improvement District, Lincoln City, OR

10:30 am Iron Dependence of Lyngbya majuscula and the Search for Siderophores, Elsie D. Gross and Dr. P. Martin, University of South Florida, Tampa, FL

10:45 am Effects of Short Term Summer Drawdown on Monocots Hydilla and Newtonia Plants, Angela Poovey and_stratford Kay, North Carolina State University, Raleigh, NC

11:00 am Aquascaping; Design, Establishment, and Maintenance, Robert Schoenborn, Future Horizons, Inc., Hastings, FL

11:15 am Hydilla verticillata in New Zealand, Debbie Hofstra and J. S. Clayton, University of Waikato, Hamilton, New Zealand

11:30 am Fisheries and Lake Management Considerations for Aquatic Plant Management, Orville Ball, O.P. Ball and Associates, El Cajon, CA

11:45 am The Effects of Recreational Use on the Aquatic Plant Community of the Rainbow River, Dunnellon, Florida, Michael Mumma and Charles Ciecha, University of Florida, Gainesville, FL

12:00 noon Lunch

1:15 pm Hydilla Found in Washington State, Kathy Hamel, Washington Department of Ecology, Lacey, WA

1:30 pm Biology, Ecology, and Impacts of Monocots Hydilla in Lake Gaston, Stratford Kay, North Carolina State University, Raleigh, NC

2:00 pm Hydilla Eradication in California, 1976-1993, Nate Deckwitz, California Department of Food and Agriculture, Sacramento, CA

2:00 pm Field Evaluation of Concentrated Polymeric Granule of Endothall, Dr. Bill Haler, Center for Aquatic Plants, University of Florida, Gainesville, FL

2:15 pm A Characterization of Risk for the Aquatic Herbicide, Reward™, Dr. Jennifer Shaw, Zeneca Professional Products, Ft. Myers, FL

3:00 pm Low Dose/Long Term Hydilla Control Using Sonar™, David Tarver, SePRO Corporation, Tallahassee, FL

3:15 pm Seeing Red in Lake Minnetonka, Dr. Alson Fox, University of Florida, Gainesville, FL

3:30 pm Lunch

4:15 pm Large Scale Management of Submersed Macrophytes in Warmwater Ponds with Triploid Grass Carp, John Cassani, Lee County Hyacinth Control District, Ft. Myers, FL
Potential Role of Micro-organisms in Submersed Macrophyte Decline, Dr. Judy Shearer, US Army Corps of Engineers, Aquatic Plant Control Research Program, Vicksburg, MS

Management Techniques for the Culture of Aquatic and Wetland Plants to Support Biocontrol Research, Jan Freedman, US Army Corps of Engineers Aquatic Plant Control Research Program, Vicksburg, MS

Use of Insect Biological Control Agents for the Management of Hydrilla verticillata, Brent Harrel, US Army Corps of Engineers Aquatic Plant Control Research Program, Vicksburg, MS

Insect Biological Control Agents Impacting Purple Loosestrife, Dr. Al Cofrancesco, US Army Corps of Engineers Aquatic Plant Control Research Program, Vicksburg, MS

TUESDAY EVENING PROGRAM

Seattle Harbor Cruise
Dinner and Awards Banquet

5:00-10:00 pm

SePRO Corporation Hosts the Bar for this Event

Transportation will be provided from the hotel.
(Buses Depart the Lobby at 5:00 pm)

WEDNESDAY JULY 12, 1995

Session V
Moderator: Jennifer Parsons
Washington Department of Ecology
Olympia, WA
Grand Ballroom

8:30 am An In Vitro Culture System to Compare the Growth and Development of Hydrilla and Lagarosiphon, Nancy Philman, University of Florida, Gainesville, FL

Regulatory Update on Endothal Aquatic Herbicides, Gary Sandburg, Elf Atochem, Philadelphia, PA

9:00 am Mosquito Surveillance and Control, Dusk till Dawn, Wendy May Andrew, Walt Disney World, Lake Buena Vista, FL

9:15 am A Comparative Study of Emergence from the Sediments by Aquatic Plants from Vegetative Propagules, Dr. David Spencer, University of California-Davis, Davis, CA

9:30 am DNA Content and DNA Amplification Products of Hydrilla Found in the United States, Dr. Fred Ryan, University of California-Davis, Davis, CA

9:45 am Effects of Plant Quality on the Growth and Development of Aquatic Weed Biological Control Agents, Greg Wheeler, USDA Research Station, Fort Lauderdale, FL

10:00 am Break

10:15 am Endothal Dissipation in Lake Parker, Florida, Nasir Malik, Elf Atochem, Bryan, TX

10:30 am The Effects of Atrazine on Ruppia maritima Grown in Autotrophic vs Heterotrophic Cultures, Kimon Bird, University of North Carolina, Wilmington, NC
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10:45 am</td>
<td>What's Next?: The Next Wave of Invasive Exotic Plants in Florida, Mike Bodle, South Florida Water Management District, West Palm Beach, FL</td>
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<td>11:00 am</td>
<td>Diver Dredging for the Control of Eurasian Milfoil, Ernie Marquez, Resource Management, Inc. Tumwater, WA</td>
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<td>11:15 am</td>
<td>Final APMS Business Meeting and Installation of New Officers</td>
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<td>12:00 noon</td>
<td>Adjournment of 35th Annual Meeting</td>
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<td>12:30 pm</td>
<td>Board of Directors Lunch and Meeting Cottonwood Board Room</td>
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NOTES
PAST MEETING SITES AND PRESIDENTS OF THE AQUATIC PLANT MANAGEMENT SOCIETY

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<thead>
<tr>
<th>Year</th>
<th>Location</th>
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<tr>
<td>1961</td>
<td>Boca Grande, Florida</td>
<td>Alfred S. Chipley</td>
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<td>1962</td>
<td>Fort Lauderdale, Florida</td>
<td>T.W. Miller, Jr.</td>
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<td>1963</td>
<td>Tampa, Florida</td>
<td>William Dryden</td>
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<td>1964</td>
<td>Tallahassee, Florida</td>
<td>Herbert J. Friedman</td>
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<td>1965</td>
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<td>John W. Woods</td>
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<td>1966</td>
<td>Lakeland, Florida</td>
<td>Zeb Grant</td>
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<td>1967</td>
<td>Fort Myers, Florida</td>
<td>James D. Gorman</td>
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<td>1968</td>
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<td>Frank L. Wilson</td>
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<td>1969</td>
<td>West Palm Beach, Florida</td>
<td>Robert D. Blackburn</td>
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<td>1970</td>
<td>Huntsville, Alabama</td>
<td>Paul R. Cohee</td>
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<td>1971</td>
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<td>Stanley C. Abramson</td>
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<td>1972</td>
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<td>Robert J. Gates</td>
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<td>1973</td>
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<td>Brandt G. Watson</td>
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<td>1974</td>
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<td>Alva P. Burkhalter</td>
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<td>1975</td>
<td>San Antonio, Texas</td>
<td>Lou V. Guerra</td>
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<td>Ray A. Spielman</td>
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<td>Robert W. Geiger</td>
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<td>Jacksonville, Florida</td>
<td>Donald V. Lee</td>
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<td>Chattanooga, Tennessee</td>
<td>Julian J. Raynes</td>
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<td>William N. Rushing</td>
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<td>Roy L. Clark</td>
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<td>Emory E. McKeehen</td>
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<td>A. Leon Bates</td>
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<td>Richard Couch</td>
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<td>Joseph C. Joyce</td>
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<td>Randall K. Stocker</td>
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<td>1993</td>
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<td>1994</td>
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<td>S. Joseph Zolczynski</td>
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1996 APMS MEETING - BURLINGTON, VERMONT
July 10 - 13