

Program

FUTURE MEETING SITES

1982 - Caesars Palace
Las Vegas, Nevada U.S.A.
July 18-21

1983 - Dutch Inn
Lake Buena Vista,
Florida U.S.A.
July 10-13

1984 - Richmond Hyatt House
Richmond, Virginia U.S.A.
July 15-18

1985 - Hotel Vancouver
Vancouver, British Columbia,
Canada
July 14-17

TWENTY-FIRST ANNUAL MEETING

THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.



COLISEUM RAMADA INN

Jackson, Mississippi, U.S.A.

July 12-15, 1981

Sunday through Wednesday

BOARD OF DIRECTORS 1980-81

OFFICERS

NELSON VIRDEN, President
Viriden Weed Control Service
Route 3 - Box 414
Jackson, Mississippi 39213

ROY P. CLARK, President-Elect
E.P.A. - Pesticides & Toxic Substances
345 Courtland Street
Atlanta, Georgia 30308

EMORY McKEITHEN, Vice President
Union Carbide Agricultural Products Company, Inc.
Post Office Box 12100
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Fort Myers, Florida 33906

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NEWSLETTER EDITOR

L. V. GUERRA
Texas Parks & Wildlife Department
134 Baniff
San Antonio, Texas 78216

THE PROGRAM



TWENTY-FIRST ANNUAL MEETING
of
THE AQUATIC PLANT MANAGEMENT
SOCIETY, INC.
July 12-15, 1981
Coliseum Ramada Inn
Jackson, Mississippi, U.S.A.

SUNDAY, JULY 12, 1981

1:30 P.M. Meeting of the Board of Directors -
Gallery E

3:00 P.M. - 6:00 P.M. Registration -
Ramada South Lobby

6:30 P.M. - 7:30 P.M. President's Reception -
Ramada IV

MONDAY, JULY 13, 1981

8:00 A.M. - 5:00 P.M.
Registration - Ramada South Lobby

9:00 A.M. - 5:00 P.M.
Commercial Exhibits - Ramada I

GENERAL SESSION

9:00 A.M. - 12:00 Noon
Ramada II and III

Presiding: Nelson Viriden, President
The Aquatic Plant Management Society, Inc.

9:00 A.M. Call to Order

9:05 A.M. Invocation: Leslie E. Bitting, Sr.,
Member, APMS and Past President,
Florida APMS

9:10 A.M. Welcome Address: Honorable William
Winter, Governor, State of Mississippi

9:20 A.M. Presidential Address: Nelson Viriden,
President, APMS

9:30 A.M. Announcements:
Roy Clark, Program Chairman,
President-Elect, APMS

9:40 A.M. APMS Chapter Reports
Florida APMS - Joseph C. Joyce,
President
Mid-west APMS - Dr. C. A. Lembi
South Carolina APMS - Dr. Ron
Dillon, President

10:45 A.M. **Aquatic Weeds & EPA**
Edwin Johnson, Deputy Assistant
Administrator, Office of Pesticides
Programs, Environmental Protection
Agency, Washington, D.C.

11:15 A.M. **Aquatic Weeds & Catfish Farming**
Dr. Thomas L. Wellborn, Mississippi
State University, Mississippi State,
Mississippi

11:45 A.M. **Benefit/Cost Analysis of Silvex
Cancellation**
Edward O. Gangstad, Office of the
Chief of Engineers, U.S. Corps of
Engineers, Washington, D.C.

Noon **Recess for Lunch**

GENERAL SESSION

1:30 P.M. - 4:45 P.M.
Ramada II and III
Presiding: W. T. Minter
Union Carbide Corporation, Oviedo, Florida

1:30 P.M. **Wetland Plants for Effluent Disposal**
C. W. Sheffield and Carol Lotspeich
Bio Engineering Services, Orlando,
Florida

1:45 P.M. **Weed Management Strategies Using
Grass Carp for Vegetation Control**
Jerome V. Shireman, Center for
Aquatic Weeds, University of Florida,
Gainesville, Florida

2:00 P.M. **The Myriophyllums of Oklahoma**
Richard Couch and Edward Nelson,
Oral Roberts University, Tulsa,
Oklahoma

2:15 P.M. **Utilization of Aquatic Plants for
Nutrient Uptake in Artificial Marshes**
Robert Blackburn, Kenneth Boyer, Joe
Frost, Mark Newfeld and Jerry
Yestrebky, Joyce Environmental Con-
sultants, Inc., Casselberry, Florida.

2:30 P.M. **Control of Hydrilla with Fusarium
rosen Culmouim in Large-scale Pilot
Tests**
R. Charudattan, R. E. Cullen and F. M.
Hofmeister, Center for Aquatic Weeds,
University of Florida, Gainesville,
Florida

2:45 P.M. **The Florida Game & Fresh Water Fish
Commission's New Role in Aquatic
Plant Management**
Lowell L. Trent,* Clayton Phillippy,
Debbie Valin, Florida Game & Fresh
Water Fish Commission, Leesburg,
Florida

3:00 P.M. **Break**

3:15 P.M. **Large-scale Mapping of Aquatic Weeds
Using Aerial Color Infrared
Photography**
R. D. Martyn,* and W. W. Snell, Texas
A & M University, College Station,
Texas

3:35 P.M. **"Work Plans" for Aquatic Weed
Control**
Robert J. Gates, Southwest Florida
Water Management District,
Brooksville, Florida

3:45 P.M. **Public Participation in Pesticide
Programs**
A panel discussion - Tom Camp,
moderator, Aquatic Management,
Glendale, Arizona

4:45 P.M. **Adjourn**

TUESDAY, JULY 14, 1981

8:30 A.M. - 5:00 P.M.
Registration - Ramada South Lobby
8:30 A.M. - 4:30 P.M.
Commercial Exhibits - Ramada I

GENERAL SESSION

8:30 A.M. - 12:00 noon
Ramada II and III
Presiding: Terry Goldsby
Tennessee Valley Authority, Muscle Shoals, Alabama

8:30 A.M. **Potential Management of Aquatic
Weeds by Biodynamic Action; Scope
and Limitations**
John Barltrop, Barbara Martin and
Dean F. Martin, Chemical and
Environmental Management Services
Center, University of South Florida,
Tampa, Florida

8:45 A.M. **A Preliminary Report on the Vascular
Plants of the Winyah Bay Marshes
and Estuary, Georgetown, South
Carolina**
W. Harold Ornes, University of South
Carolina, Aiken, South Carolina

9:00 A.M. **Influence of Light upon the Herbicidal
Properties of Hydrogen Peroxide on
Coontail**
Stratford H. Kay*, J. D. Ouzts, and
P. C. Quimby, Jr., Center for Alluvial
Plains Studies, Delta State University,
Cleveland, Mississippi, and Southern
Weed Science Laboratory, USDA,
SEA-AR, Stoneville, Mississippi

9:15 A.M. **Current Investigation of a Naturally-
Occurring Hydrilla Inhibitor**
Dean F. Martin, Chemical and
Environmental Management Services
Center, University of South Florida,
Tampa, Florida

- 9:30 A.M. Some Factors Affecting the Germination of Seeds of the Fragrant Water Lily (*Nymphaea Odorata*)**
Mary Jane Else* and Donald N. Riemer, New Jersey Agricultural Experiment Station, Rutgers University, New Brunswick, New Jersey
- 9:45 A.M. Effects of Various Diets on the Growth of Hybrid Grass Carp Fingerlings
John R. Cassani,* William E. Caton and Thomas H. Hansen, Jr., Lee County Hyacinth Control District, Fort Myers, Florida
- 10:00 A.M. A Review of Harvesting Performance in Florida
C. Brate Bryant, Aquamarine Corporation, Waukesha, Wisconsin

ANNUAL BUSINESS MEETING

11:00 A.M. - 12:00 Noon

Presiding: Nelson Virden, President

12:00 Noon Recess for Lunch

GENERAL SESSION

1:30 P.M. - 4:30 P.M.

Ramada II and III

Presiding: Carlton Layne

Environmental Protection Agency, Lakeland, Florida

- 1:30 P.M. Effects of New Algicide, PH4062, on Growth of *Cladophora*, sp. and *Rhizoclonium*
Lars W. J. Anderson* and Nate Dechoretz, USDA-SEA Aquatic Weed Control Research, University of California, Davis, California
- 1:45 P.M. Growth and Feed Conversion Efficiencies of Hybrid Carp (*Aristichthys nobilis* Rich. X *Ctenopharyngodon idella* Val.)
David L. Sutton, University of Florida, Ft. Lauderdale, Florida
- 2:00 P.M. *Cercospora rodmanii*: Spore Application Method for Field Biocontrol of Water Hyacinths in Louisiana**
Chris Piehler* and Dr. Arthur S. Allen, Department of Biological Sciences, Northwestern State University, Natchitoches, Louisiana
- 2:15 P.M. Distribution and Abundance of Subterranean Turions of *Hydrilla verticillata* (L. F.) Royle Lake Okechobee
Ted R. Batterson, David L. Sutton, Kenneth M. Portier, and Marc C. Bruner, University of Florida and USDA, SEA, Gainesville, Florida

- 2:30 P.M. Effect of Vegetation Cover on Headwater Quality and Quantity
John R. Allan and Blair R. Shaw, Agriculture Research Center, Lethbridge, Alberta, Canada
- 2:45 P.M. Surfactant Effects on Water Hyacinth**
Daniel D. Thayer* and W. T. Haller, Center for Aquatic Weeds, University of Florida, Gainesville, Florida
- 3:00 P.M. Break
- 3:15 P.M. Function of Roots in the Development of *Myriophyllum Spicatum*
John R. Allan and Blair R. Shaw, Agriculture Research Center, Lethbridge, Alberta, Canada
- 3:30 P.M. An Economical and Efficient Inverting System
Leonard Bartos,* John Kelso and Joe Lang, Southwest Florida Water Management District, Brooksville, Florida
- 3:45 P.M. Effects of Sonar on Coontail, Water Quality, and Non-target Organisms
Richard Couch,* Edward Nelson and John Korstad, Oral Roberts University, Tulsa, Oklahoma
- 4:00 P.M. Hydrilla Harvesting in Lee County, Florida
Gary Pruitt*, and C. Brate Bryant, East County Water Control District, Lehigh Acres, Florida, Aquamarine Corporation, Waukesha, Wisconsin
- 4:15 P.M. Use of Aquatic Herbicides in the Southeastern USA by the Fish & Wildlife Service
D. P. Schultz,* W. W. Johnson, J. M. Prince, IV, U.S. Fish & Wildlife Service, Atlanta, Georgia
- 4:30 P.M. Adjourn

WEDNESDAY, JULY 15, 1981

GENERAL SESSION

8:30 A.M. - 11:30 A.M.

Ramada II and III

Presiding: Russell Theriot

U. S. Corps of Engineers, Vicksburg, Mississippi

- 8:30 A.M. The Use of Polymers in Aquatic Weed Control
Don Dixon, Nalco Chemical Company, Citrus Heights, California
- 8:45 A.M. Midsouth Weather and Biocontrol of Alligatorweed
G. B. Vogt, P. C. Quimby, Jr.* and S. H. Kay, Biological Weed Control Research Unit, SEA-AR, USDA, Stoneville, Mississippi



TUESDAY EVENING

July 14, 1981

6:30 P.M.

Cocktail Hour

Crown and Royal Rooms

7:30 P.M.

Annual Banquet

Crown and Royal Rooms

Speaker

To Be Announced



- 9:00 A.M. Applying Eggs of *Arama densa* Wlk. to Water-hyacinth in Greenhouse Studies.
R. G. Baer* and P. C. Quimby, Jr.,
Southern Weed Science Laboratory
USDA, SEA-AR, Stoneville,
Mississippi
- 9:15 A.M. Aquatic Weed Control with Seven Applications of Hydrothol 191 in the Salt River Project Tempe-Western Canal
Fred G. Corbus, Consultant, Phoenix, Arizona
- 9:30 A.M. Factors Affecting the Uptake of Fenac ^{-14}C and Fluridone ^{-14}C by Hydrilla
James E. Cobb, Thai K. Van and William T. Haller, University of Florida, Center for Aquatic Weeds, Gainesville, Florida
- 9:45 A.M. Developments in Aquatic Weed Control Research in India Relating to Fisheries
V. Ramachandran and T. Ramaprabhu*, Central Inland Fisheries Research, Cuttack, Orissa, India
- 10:00 A.M. Effects of Substrate Enrichment on Hydrilla Growth
K. A. Langeland* and D. L. Sutton, Center for Aquatic Weeds, University of Florida, Gainesville, Florida
- 10:15 A.M. Aquatic Herbicide Drift Abatement
Donald C. Widmann, Nalco Chemical Company, Leesburg, Florida
- 10:30 A.M. A New Technique for Direct Microscopic Observation of Periphyton Assemblages on Natural Substratum
Chris C. Carter, Center for Aquatic Weeds, University of Florida, Gainesville, Florida

*Denotes speaker

**Denotes student paper

FINAL BUSINESS MEETING

11:00 A.M. - 11:30 A.M.

Presiding: Nelson Virden, President

11:30 A.M. Adjourn Twenty-First Annual Meeting

* * * * *

BOARD OF DIRECTORS

1:30 P.M. Meeting of the Board - Gallery E

The following proposed changes in the Bylaws and the Articles of Incorporation will be voted on at the business meeting beginning at 11:00 a.m., Tuesday, July 14, 1981.

BYLAWS

THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED (A Corporation not for profit)

ARTICLE I

The name of this Society shall be THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED.

ARTICLE II

The principal place of business shall be located at such place as the Board of Directors may decide.

ARTICLE III OFFICERS

Section A. The Officers of the Society shall be President, President Elect, Vice President, ~~Secretary, Treasurer~~ Secretary-Treasurer, Immediate Past President and Editor.

The Board of Directors of this Society shall consist of not more than ~~thirteen (13)~~ twelve (12) members and shall include the active officers of the Society.

Section B. President. The President shall preside at all business meetings of the Society, annual and special, and at all meetings of the Board of Directors. He shall maintain and exercise general supervision over the affairs of the Society, may sign checks in payment of obligations of this Society during the absence or incapacitation of the ~~Treasurer~~ Secretary-Treasurer, and shall discharge such other duties as usually pertain to the office of the President. Upon completion of his term in office he shall become a Director at Large for one year.

Section C. President Elect. The President Elect shall exercise the powers and perform the duties of the President in the absence or disability of the President, or in case of a vacancy in the office of the President. He shall also perform such duties as may be assigned to him by the President or the Board of Directors.

Section D. Vice President. The Vice President shall exercise the powers and perform the duties of the President Elect in the absence or disability of the President Elect, or in case of a vacancy in the office of the President. He shall also perform such duties as may be assigned to him by the President or the Board of Directors.

Section E. ~~Secretary~~ Secretary-Treasurer. The ~~Secretary~~ Secretary-Treasurer shall keep full and correct minutes of all meetings of this Society and of the Board of Directors. He shall be responsible for the maintenance of membership records and shall issue notices of meetings and shall conduct such part of the

correspondence of the Society as is usually conducted by the Secretary of similar organizations.

~~Section F. Treasurer.~~ The ~~Treasurer~~ Secretary-Treasurer shall collect and receipt all dues, assessments and other income. He shall deposit promptly all funds of the Society in such depository as shall be approved and designated by the Board of Directors. Checks in payment of obligations of this Society shall be signed by the ~~Treasurer~~ Secretary-Treasurer. He shall, under the direction of the Board of Directors, pay all bills of this Society and make such other disbursements as are necessary and incidental to the operation of the Society. He shall at the annual meeting of the Society, and if directed by the Board of Directors at special meetings, make full and true report of the financial condition of this Society. He shall perform such other duties as are usually incident to the office of ~~Treasurer~~ Secretary-Treasurer and as may be assigned to him by the Board of Directors. The ~~Treasurer~~ Secretary-Treasurer shall before assuming office be required to make and execute a good and sufficient surety bond in an amount of not less than Twenty-five Thousand (\$25,000.00) Dollars conditioned on the faithful performance of the duties of his office, the expense of said bond to be borne by the Society. The ~~Treasurer~~ Secretary-Treasurer shall provide for an annual audit of all books, vouchers and necessary documents of the Society by a Certified Public Accountant prior to each annual meeting of the Society, the cost of said audit to be borne by the society. The financial statement as prepared during the audit shall be included as a part of the annual proceedings of the Society.

~~Section G.~~ Section F. Editor. The duties of the Editor shall be to publish and distribute the Journal and other publications of this Society.

~~Section H.~~ Section G. The Directors shall assist in administering the affairs of this Society.

ARTICLE IV TERM OF OFFICE

All officers except the President, ~~and President Elect, and Secretary-Treasurer~~ shall be elected for one year or until the successors shall be duly elected and qualified. The President Elect shall be elected for a term of two years, to include one year as President Elect and a succeeding year as President. Beginning with the annual meeting in 1981, the Secretary-Treasurer shall be elected for a three-year term, beginning at the close of the annual meeting in 1982 and extending to the close of the annual meeting in 1985. Subsequently the Secretary-Treasurer will be elected every three years, beginning in 1984, shall take office one year after election, and shall serve a three-year term of office. The purpose of election one year prior to assuming office is to permit the newly elected Secretary-Treasurer that period to understudy the

requirements and duties of the office under the direction of the incumbent. The incumbent Secretary and the incumbent Treasurer elected for the 1980-81 year shall continue to serve for the 1981-82 year, until the Secretary-Treasurer assumes those duties at the close of the 1982 meeting. No officers except the Secretary, Treasurer Secretary-Treasurer and/or the Editor shall succeed himself. Officers elected at any annual meeting shall begin their duties on the close of the meeting at which they are elected. Nominees for President shall be selected from the Board of Directors. Two (2) new members of the Board of Directors shall be elected each year for a term of three (3) years or until their successors shall be duly elected and qualified. The nomination to this first year's Board only shall consist of two (2) members for two (2) years and two (2) members for one (1) year.

ARTICLE V BOARD OF DIRECTORS

Section A. The President of the Society shall be Chairman of the Board of Directors.

Section B. The Board of Directors shall meet upon the call of the President or upon the request of five or more members of the Board of Directors directed in writing to the ~~Secretary~~ Secretary-Treasurer. At least fifteen (15) days prior notice in writing shall be given by the ~~Secretary~~ Secretary-Treasurer to all members of the Board of Directors as to any meetings of the Board of Directors. The time and place of such meetings shall be designated by the President. A majority of the members of the Board of Directors shall constitute a quorum for the transaction of business. An action of the Board of Directors shall be upon the vote of the majority of its members present. The Board of Directors shall meet no less than three (3) times annually. One meeting shall be held immediately before the annual meeting of the Society; one meeting shall be held immediately after the annual meeting of the Society; and one additional meeting shall be held during the interim between the annual meeting.

Section C. The Board of Directors shall manage the affairs of the Society and shall have the power: (1) to fill any vacancies among the officers of the Society including the membership of the Board of Directors; except as provided in Article X, Section C; (2) to prescribe the duties of the officers of the Society not otherwise prescribed in the Bylaws of this Society; (3) to provide rules and regulations for the conduct of the affairs of this Society as are not consistent with the provisions of the Bylaws; (4) to accept or reject applications for membership in this Society; (5) to increase the amount of the ~~Treasurer's~~ Secretary-Treasurer's bond if the Board deems Twenty-five Thousand (\$25,000.00) Dollars insufficient; (6) the Board of Directors shall have full power of the Society in all matters demanding action between meetings and shall submit at the next succeeding meeting of the Society a report of all actions taken by them under authority of this section.

ARTICLE VI QUORUM

A quorum of any meeting of the Society shall consist of not less than forty (40) voting members, or ten percent (10%) of the membership, whichever is smaller, at least two (2) of whom shall be officers of the Society.

ARTICLE VII MOTIONS AND RESOLUTIONS

All motions and resolutions presented at any annual meeting of the Society involving matters of policy, administration or business shall be referred to the Board of Directors who shall consider the same and report its recommendation back to the Society; provided, however, that should any matter require immediate action by the Society, such matters may be considered immediately by consent of three-fourths of the active members present and voting.

ARTICLE VIII MEETINGS

Section A. There shall be an annual meeting of the Society for the election of officers, the presentation of papers and discussion on noxious aquatic weed control, uses of aquatic vegetation and related subjects and such other business as may be properly brought before it. Such annual meeting shall be held at such time and place as the Board of Directors may decide. At least sixty (60) days prior notice shall be given in writing to all members as to time and place of the annual meeting. Section B. Special meetings of the Society may be held whenever the Board of Directors deem such meetings necessary or whenever ten or more active members shall make a written request ~~therefor, presented~~ to the ~~Secretary~~ Secretary-Treasurer. Such request shall be placed with the Board of Directors which shall designate a time and place for such special meeting. The ~~Secretary~~ Secretary-Treasurer shall give written notice of all special meetings of the Society to all members at least four (4) weeks prior to the date of such special meetings.

ARTICLE IX FISCAL YEAR

The fiscal year of the Society shall be the calendar year.

ARTICLE X ELECTION OF OFFICERS

Section A. Officers of the Society shall be elected by majority vote of the voting members present at the annual meeting of the Society and shall serve until the close of the next annual meeting of the Society following their election or until the election of their successors, except the President Elect shall automatically become President, and the Secretary-Treasurer shall be elected and shall serve as provided in Article IV. Section B. No member shall be eligible for office who has not been a voting member of the Society for three (3) years.

Section C. Vacancies in the office of President between

terms shall automatically be filled through succession in the following order: President Elect, Vice President, ~~Secretary, Treasurer~~ Secretary-Treasurer, and Editor. All vacancies, other than that in the office of President, shall be filled through appointment by the Board of Directors.

Section D. The election of officers of the Society shall be held as a part of the business meeting which shall be held prior to noon of the second full day of the annual meeting.

ARTICLE XI DUES

Section A. Membership dues shall be payable in advance, and shall in no case be paid later than the first full day of the annual meeting.

Section B. Annual dues shall be as follows: Active members, \$20.00; Student members, \$5.00; Corporate members, \$100.00; Commercial sustaining members, ~~\$100.00~~ \$200.00; Honorary members, none.

ARTICLE XII COMMITTEES

Standing committees shall be appointed by the President Elect to serve during his term as President, as follows:

1. Membership Committee. This committee shall consist of not less than five (5) active members of the Society; one of whom shall be the ~~Secretary~~ Secretary-Treasurer, one of whom shall be the Chairman of the Student Committee and one of whom shall be the Chairman of the International Committee. This committee shall investigate and promote memberships in the Society.

2. Publicity Committee. This committee shall consist of three (3) members. The duties of this committee shall be to generate and distribute newsworthy items of the Society and such other duties as may be assigned by the Board of Directors.

3. Legislative Committee. This committee shall consist of not less than five (5) voting members whose duties shall be to inform itself as to any legislation pending of interest to the Society and to make recommendations to the Board of Directors on the same.

4. Program Committee. The program committee shall consist of the members of the Board of Directors, chaired by the President Elect, and its duty shall be to provide programs for each annual meeting.

5. Nominating Committee. The nominating committee shall consist of not less than five (5) members, be chaired by the Immediate Past President, and shall recommend to the Society candidates for election to the several offices. Terms of membership in the nominating committee shall be for no more than two successive years and a two-year break shall occur between periods of service as a member.

6. Bylaws and Resolutions Committee. This committee shall consist of not less than five (5) voting members of the Society. All resolutions and Bylaw changes to be

considered shall be presented to this committee, who shall present worthy suggestions to the Society in a form appropriate for adoption, subject to Bylaws Article VII. All petitions with ten (10) or more signatures of voting members shall be brought to the attention of the Society.

7. Student Affairs Committee. This committee should consist of three (3) members of the Society. The duties of this committee shall be to investigate and promote membership of students into the Society and make recommendations to the Board of Directors as to means of enhancing and encouraging student participation in the Society.

8. Past Presidents Advisory Committee. This Committee shall consist of all past Presidents of the Society and shall be chaired by the immediate outgoing President of the Society. The duties of this committee shall be to examine the aims and goals of the Society and make recommendations to the Board of Directors related to achieving these aims and goals.

9. Special Committees. Such other committees as from time to time may be deemed necessary shall be appointed by the President.

ARTICLE XIII RULES OF ORDER

Business sessions of the Society shall be conducted in accordance with Roberts' Rules of Order.

ARTICLE XIV PUBLICATIONS

All publications of the Society shall be issued under the direction of the Editor and shall become the property of the Society.

ARTICLE XV HONORARY MEMBERS

Section A. Criteria For Honorary Membership. Before being considered for honorary membership a person must meet the following criteria:

1. He or she must have contributed significantly to the field of aquatic vegetation management during his or her career (be retired and no longer employed in the field of aquatic vegetation management).

2. He or she must have been a voting member of the Society for no less than ten (10) years.

3. He or she must have actively promoted the Society and its affairs during their membership.

Section B. Rights of Honorary Members. Honorary members shall hold in perpetuity all rights of active membership.

Section C. Selection of Honorary Members. Nominees for honorary membership shall be submitted to the Bylaws and Resolutions Committee in the form of a petition signed by no less than ten (10) active members or may originate with the Bylaws and Resolutions Committee. Nominees will be evaluated by the Bylaws and Resolutions Committee to ascertain that they meet the criteria for eligibility as an honorary member. Eligible nominees will be presented by the Bylaws and

Resolutions Committee to the Board of Directors and upon acceptance of nominees by the Board, a biographical sketch of the nominees will be printed in the Newsletter. The Board of Directors shall, at the next annual meeting, present the nominee to the Society. Honorary members shall be elected by a majority vote of the voting members present at the annual meeting of this Society.

ARTICLE XVI

It is hereby declared to be the intent of these Bylaws that wherever the masculine term is used, it shall be understood to include the feminine.

~~ARTICLE XVI~~ ARTICLE XVII AMENDMENTS

These Bylaws may be amended by three-fourths vote of the active members present at any annual meeting, provided the notice of the proposed amendment has been given in writing to the Secretary and transmitted by him to active members thirty days before the annual meeting and that notice of the time said amendment is to be voted on has been announced at least twelve hours in advance.

The above and foregoing Bylaws of THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED, were adopted on July 14, 1981.

ARTICLES OF INCORPORATION ARTICLE VI

The affairs of this corporation are to be managed by a Board of Directors and Officers of the Society.

The officers of the Society shall be President, President Elect, Vice President, ~~Secretary, Treasurer~~ Secretary-Treasurer, Immediate Past President and Editor.

The Board of Directors of this Society shall consist of not more than ~~thirteen~~ twelve members and shall include the active officers of the Society.

The officers of this Society shall be elected by majority vote of the voting members present at the annual meeting of this Society and shall serve until the close of the next annual meeting following their election or until their successors are duly elected and qualified. No member shall be eligible for office who has not been a voting member of the Society for three years.

NOTES

THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.

Dedicated to the Control of Noxious Aquatic Weeds
Post Office Box 06005, Fort Myers, Florida 33906

APPLICATION FOR MEMBERSHIP

There are four regular classes of membership available upon application made in accordance with the Charter adopted in 1961. These classes are: (A) ACTIVE MEMBERSHIP; (B) STUDENT MEMBERSHIP; (C) CORPORATE MEMBERSHIP; and (D) COMMERCIAL SUSTAINING MEMBERSHIP.

Applicant's Name _____

Spouse's Name _____

Home Address _____

City, State, Zip _____

Home Telephone _____

Present Title _____

Present Employer _____

Business Address _____

City, State, Zip _____

Business Telephone _____

Membership Class Desired _____

Amount of Remittance Herewith \$ _____

Signature of Applicant _____

Date _____

(Detach and Return)

EXHIBITORS

Applied Biochemists, Inc.

JLB International Chemical, Inc.

Nalco Chemical Company

Pennwalt Corporation

**Southern Mill Creek
Products Company, Inc.**

**Thompson-Hayward
Chemical Company**

**Union Carbide Agricultural
Products Company, Inc.**

COMMERCIAL SUSTAINING MEMBERS

APPLIED BIOCHEMISTS, INC.
Mequon, Wisconsin

AQUAMARINE CORPORATION
Waukesha, Wisconsin

ARUNDO LIMITED OF LOUISIANA
Belle Chasse, Louisiana

CHEVRON CHEMICAL COMPANY
Richmond, California

ELANCO PRODUCTS COMPANY
Indianapolis, Indiana

J. L. B. INTERNATIONAL CHEMICALS, INC.
Hialeah, Florida

JOYCE ENVIRONMENTAL CONSULTANTS, INC.
Casselberry, Florida

LAKES & WATERWAYS
MANAGEMENT SERVICE
Pompano Beach, Florida

LANTANA BOATYARD, INC.
Lantana, Florida

MINNESOTA WANNER COMPANY
Minneapolis, Minnesota

MONSANTO AGRICULTURAL
PRODUCTS COMPANY
Atlanta, Georgia

NALCO CHEMICAL COMPANY
Oak Brook, Illinois

PENNWALT CORPORATION
Prattville, Alabama

RHODIA, INC.
Atlanta, Georgia

SANDOZ, INC.
San Diego, California

SOUTHERN MILL CREEK PRODUCTS, INC.
Tampa, Florida

UNION CARBIDE AGRICULTURAL
PRODUCTS COMPANY
Ambler, Pennsylvania

VELSICOL CHEMICAL CORPORATION
Chicago, Illinois

TIM WILDER
United Kingdom

LADIES PROGRAM

Affiliated Chapters

Florida Aquatic Plant Management Society

Joseph C. Joyce, President
United States Army Corps of Engineers
Post Office Box 4970
Jacksonville, Florida 32232
(904) 791-2215

1981 Annual Meeting - October 20 - 22,
Howard Johnson's at I-4 and Lee Road,
Orlando, Florida

Midwest Aquatic Plant Management Society

Dr. Richard J. Soper, President
Pinecrest Industries
Route 1, Box 234
Galien, Michigan 49113
(616) 545-8125

Contact Person:
Dr. Carole A. Lembi, Editor
Department of Botany and Plant Pathology
Purdue University
West Lafayette, Indiana 47907
(317) 749-6421

South Carolina Aquatic Plant Management Society

Dr. Ron Dillon, President
Chairman, Botany Department
Clemson University
Clemson, South Carolina 29631
(803) 656-3452

1981 Annual Meeting - August 13 & 14,
Wampee, South Carolina

SUNDAY, JULY 12, 1981

6:30 P.M. - 7:30 P.M.
President's Reception
Ramada IV

MONDAY, JULY 13, 1981

9:30 A.M.
Board bus at Coliseum Ramada Inn
for shopping at Metro Center Mall

12:00 Noon
Luncheon at Widow Watson's

2:00 P.M.
Board bus at Metro Center Mall
and return to hotel

TUESDAY, JULY 14, 1981

9:30 A.M.
Board bus at Coliseum Ramada Inn
for tour of the Governor's Mansion
(Return to the hotel by 12:00 Noon)

6:30 P.M.
Cocktail Hour
and
7:30 P.M.
Annual Banquet
Crown Room & Royal Room