AQUATIC PLANT NEWS

A newsletter of the Aquatic Plant Management Society, Inc. / No. 31 June 1989
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29th Annual Meeting July 16 - 19, 1989. Come See The Oldest And Most Successful Multipurpose Reclamation Development In The United States.

THE SALT RIVER PROJECT

The Salt River Project is the oldest and most successful multipurpose reclamation development in the United States. For decades, SRP has grown to become one of the largest public power utilities in the country.

The six project dams and lakes are a major source of water for urban and agricultural use in the Phoenix metropolitan area and also provide a variety of recreational activities. Keystone of this water delivery system is the Theodore Roosevelt Dam which was completed in 1911. The project also operates a 1300 mile water delivery system. The project uses a small portion of the electric revenues to help support water operations. This helps keep the water costs low. The combination of dependable supplies of power and water has promoted the economic growth of the desert valley.

MANAGEMENT

As a non profit organization, SRP is managed by the land owners in the water service area. Officers of the SRP are the President, Vice President and members of the Boards and Councils. All of the Board and Council members are elected officials. The Board and Council hires a General Manager to manage SRP. The General Manager and the rest of the employees are all paid salaried and hourly employees. The Board members set specific policies and through SRP management, operate the project according to bylaws and statutes in accordance with the articles of incorporation. For example, the Board approves major fuel contracts, authorizes the major equipment items and sets water and power rates. The Council members set broad policy by adopting, amending and enforcing bylaws relating to the management and conduct of SRP business.

BIRTH OF THE SALT RIVER PROJECT

The City of Phoenix got its start in 1867 as a hay camp for the cavalry at Fort McDowell. At that time, John Y. T. Smith supervised harvesting and hauling of hay which grew wild along the Salt River. By November 1867, John W. Jack Swilling and others realized the ancient irrigation canals developed by ancient Hohokam Indians (1400 years ago) could be cleared and used to grow valuable crops for the military outpost.

The Swilling Irrigation Canal Company was organized in November 1867, and in December of that year, a 17-man party began building the first modern canal, known as the Swilling Ditch. Success came quickly; the first crops were harvested by Frenchy Sawyer and Capt. John Adams in March 1868.

Homesteaders began to arrive in the Valley and by year's end there were 100 permanent residents. They settled in an area that William A. Hancock, a lawyer and surveyor, had staked out as the townsite of Phoenix. Hancock, recognizing the potential of the Valley, also surveyed new ditchlines.

More settlers migrated to the Valley and by 1888 more than 100,000 acres were being farmed. New canals were built to carry water to the freshly cleared farmland.

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Other Canals and the years that their construction began are:

Maricopa Canal	1868
San Francisco Canal	1870
Temple Canal	1871
Utah Canal	1877
Grand & Mesa Canals	1878
Arizona Canal	1883
Highland Canal	1888
Arizona Crosscut Canal	1891
Consolidated Canal	1892
South Canal	1908
Eastern Canal	1909
New Arizona Crosscut	1912
Western Canal	1912
Highlands Canal	1912

Today, SRP manages 133 miles of main canals. Another 1,132 miles of laterals and ditches deliver the water directly to users.

EAT YOUR WAY DOWN SCOTTSDALE ROAD

The following map and list of eateries, provided by Winn Winkyaw and Fred Corbus, will help everyone sustain themselves enjoyably and economically while in Scottsdale

1. Burger King
2. Sesame Inn
3. Jack in the Box
4. Hungry Hunter
5. Swensens
6. Chuck Box (East on Shea)
7. Cheng Li
8. Quilted Bear
9. Black Angus

9a. Lunt Avenue Marble Club
9b. El Torito

10. The Borgata (Food & Shopping)
11. Coco's
12. Goldwaters (Shopping)
13. Brown Derby
14. 5th Ave. (Food & Shopping)
15. Main Street (Food & Shopping)
16. Jack in the Box
17. Sizzler
18. Wendy's
19. Denny's
20. Mc Donald's
21. Pizza Hut
22. Kwan's
23. Ricardo's
24. Dunkin Donuts
25. J.B.'s
26. Los Arcos Mall (Pancho's, Red Robin, Shops)

AGENCIES URGED TO IMPOSE MONITORING REQUIREMENTS FOR TREATMENT SYSTEMS USING NOXIOUS AQUATIC PLANTS

The Midsouth APMS General Membership approved the following resolution at their October 1988 Annual Meeting. When finalized, the resolution will be sent to EPA and other Federal agencies involved in research or other uses of aquatic plants.

Resolution, Noxious Aquatic Plant, i.e. Water Hyacinth Usage for Wastewater Treatment

WHEREAS, the use of noxious aquatic plants such as water hyacinth is becoming more common in wastewater treatment lagoons in the southeastern United States, and

Whereas, many of these treatment systems are being built within flood-prone areas, and

Whereas, the presence of noxious aquatic plants such as water hyacinth has been and continues to be a significant problem in the public waters of the southeastern United States, causing adverse navigation and environmental impacts.

Therefore be resolved, that the Mid-South Aquatic Plant Management Society, in its annual meeting on October 12 - 14, 1988, in Gulf Shores, Alabama, encourages the U.S. Environmental Protection Agency and other appropriate agencies to impose stringent monitoring requirements for all existing and proposed wastewater treatment systems utilizing noxious aquatic plants (including seeds and other reproductive plant parts), and adequate disposal of excess plants, and that the potential usage of native species will be fully evaluated.

DUKE POWER EDUCATES PUBLIC ABOUT "ALIENS" AMONG US

Duke Power Company has developed a display to educate the public about the environmental activities of Duke Power's Production Environmental Services Section. Subjects highlighted in the display include productivity in reservoirs, age/growth of large-mouth bass, water level fluctuations, **Corbicula** monitoring, and information about the biology and ecology of **Hydrilla**. The display is being used at boat shows, science fairs, and open houses. Ken Manuel, Bob Barden, and Tommy Bowen (all APMS members) are charged with surveying, identifying, and controlling aquatic plants in Duke Power's service area. We would like to thank David Tarver with Elanco Products Company, for providing some of the **Hydrilla** photographs.

WATER MILFOIL PUBLICATIONS AVAILABLE

Biology and Control of Water Milfoil - Annotated and Supplementary Bibliographies, by D.R. Helsel and Dr. A.L. Baker, Plant Biology Dept., Nesmith Hall,
University of New Hampshire, Durham, NH 03824
(Order from above address)

Two separate documents are available at cost: An Annotated Bibliography ($5, 36pp) that includes a review of the most frequently used control technologies for Water Milfoil along with 80 annotated references, and a Supplementary Bibliography ($20, 278pp) that is an extensive literature review of research concerned with species of **Myriophyllum** with selected subsections.

VALENT SUPPORT APMS STUDENTS

Through the efforts of Clark Hudson, Valent U.S.A. Corporation, has provided the Aquatic Plant Management Society with a $1500 gift to help support the Student Paper Contest at the 29th Annual Meeting in Scottsdale. This gift represents Valent's continuing support of the society's goals and objectives. The membership is in great appreciation of Valent's support of this most important society function.

* * * CALENDAR * * *

JULY 16 - 19, 1989	Aquatic Plant Management Society 29th Annual Meeting; Hyatt Regency Scottsdale - Scottsdale, Arizona
JULY 31 - AUGUST 3, 1989	2nd International Symposium on Adjuvants for Agrichemicals; Virginia Polytechnic Institute and State University Blacksburgh, Virginia.
AUGUST 9 - 11, 1989	South Carolina Aquatic Plant Management Society 11th Annual Meeting - Charleston, South Carolina.
OCTOBER 11 - 13, 1989	Midsouth Aquatic Plant Management Society Annual Meeting; Ramada Inn East Mongomery, Alabama.
OCTOBER 16 - 18, 1989	Florida Aquatic Plant Management Society 13th Annual Meeting; Holiday Inn Surfside - Daytona Beach, Florida.
NOVEMBER 7 - 11, 1989	North American Lake Management Society; 9th Annual Symposium Stauffer Hotel - Austin, Texas.
NOVEMBER 13 - 16, 1989	Annual Meeting and Program Review of the U.S. Army Corps of Engineers Aquatic Plant Control Research Program; Holiday Inn Research Park Huntsville, Alabama.
JANUARY 15 - 17, 1990	Southern Weed Science Society Annual Meeting; Atlanta Hilton and Towers Hotel - Atlanta, Georgia.
FEBRUARY 5 - 8, 1990	Weed Science Society of America Annual Meeting; Queen Elizabeth Hotel Montreal, Canada.
MARCH 15 - 17, 1990	Western Aquatic Plant Management Society Annual Meeting; Nugget Sparks (Reno), Nevada.
MARCH (TBA), 1990	Midwest Aquatic Plant Management Society 10th Anniversary Meeting; (Facility TBA) - Indianapolis, Indiana.
AUGUST 13 - 17, 1990	European Weed Research Society 8th International Symposium on Aquatic Weeds; Swedish Agricultural University Uppsala, Sweden.

THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.

The Aquatic Plant Management Society, Inc. is an international organization of scientists, educators, students, commercial pesticide applicators, administrators and concerned individuals interested in the management and study of aquatic plants. The membership reflects a diversity of federal, state and local agencies; universities and colleges around the world; corporations; and small businesses.

Originally called the Hyacinth Control Society, Inc., when founded in 1961, The Aquatic Plant Management Society, Inc. is a respected source of expertise in the field of biological, mechanical, chemical and other methods of aquatic plant management and aquatic plant sciences. The Society has grown to include several regional and state chapters; and through these affiliates, annual meetings, newsletters, and the *Journal of Aquatic Plant Management*, members keep abreast of the latest developments in the field.

The objectives of the society are to assist in promoting the management of nuisance aquatic plants, to provide for the scientific advancement of members of the society, to encourage scientific research, to promote university scholarship, and to extend and develop public interest in the aquatic plant science discipline.

Application for Membership

NAME OF APPLICANT _____ SPOUSE'S NAME _____

HOME ADDRESS _____ ZIP CODE _____

CURRENT TITLE, BUSINESS OR INSTITUTION NAME, AND ADDRESS _____

_____

_____ ZIP CODE _____

WORK PHONE _____ HOME PHONE _____

There are three regular classes of membership available to applicants, according to the Charter of the APMS which was adopted in 1961. These classes are:

A.	ACTIVE MEMBERSHIP	$ 35
B.	STUDENT MEMERSHIP	$ 5
C.	COMMERCIAL SUSTAINING MEMERSHIP	$200

Please check the following to indicate desired membership class and for additional information!

Membership Class:		*Please Send Information Regarding Regional Affiliates*	
Active	_____	_____	Florida Aquatic Plant Management Society
Student	_____	_____	Mid-South Aquatic Plant Management Society
Commercial Sustaining	_____	_____	Midwest Aquatic Plant Management Society
Subscription	_____	_____	South Carolina Aquatic Plant Management Society
		_____	Western Aquatic Plant Management Society

AMOUNT OF REMITTANCE $ _____ SIGNATURE OF APPLICANT _____

Send this form to: The Aquatic Plant Management Society, P.O. Box 2695, Washington, DC 20013-2695

The Aquatic Plant Management Society, Inc.
P.O. Box 2695
Washington, DC 20013-2695