

LAKE WISE

Newsletter of the Oregon Lakes Association and the Citizen Lake Watch Program

Summer 1994

Newsletters Merge

The perceptive reader will notice some changes in this issue of the newsletter. The Citizen Lake Watch Newsletter, formerly called the **Lake Watcher**, and the newsletter of the Oregon Lakes Association, formerly called **Newsletter of the Oregon Lakes Association**, have merged. Given the new beginning a new name was considered appropriate. **Lake Wise** should contain information useful to individuals who take part in the Citizen Lake Watch Program and to members of the Oregon Lakes Association. The Editor encourages members of the Citizen Lake Watch Corps of Volunteers and members of OLA. To contribute materials for the newsletter. Anything interesting about a favorite lake or having to do with Oregon lakes is considered newsworthy.

Please submit newsletter materials to:

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Planning for Annual Meeting Under Way

The Annual Meeting of the Oregon Lakes Association will be held at the Seaside Convention Center on September 16 and 17, 1994. Anjala Ehelebe, Program Chair, has put together an agenda that touches on a number of lake-related issues in Oregon, including managing aquatic vegetation, how to run an effective lake organization, an agency (DEQ, Agriculture, Forestry, etc.) forum where duties and responsibilities will be discussed and questions answered, technical papers on limnology, and discussion of an OLA. Legislative initiative on lake associations. There promises to be something for everyone—from the concerned lake resident to the limnological researcher. A preliminary agenda for the meeting is included in this issue of **Lake Wise**.

Also in this issue....

Preliminary Agenda for the Annual Meeting

***Annual Meeting Preregistration and 1995 Membership
Renewal Form (Do it now!)***

Ballot for 1995 Officers

Minutes of the July 13 OLA Board Meeting

AFS Hires Lobbyist

Environmental Education Grants Available

NALMS Chapter Dues Restructured

NALMS Meeting in Orlando

ODFW Hearing on Grass Carp

The Oregon Lakes Association is a nonprofit organization dedicated to the protection and enhancement of Oregon's lake resources and is a chapter of the North American Lake Management Society.

The Citizen Lake Watch Program is coordinated by Portland State University under a grant from the Oregon Department of Environmental Quality and the U.S. Environmental Protection Agency. The goal of the program is to involve citizens in the collection of reliable water quality data in an effort to identify long-term trends in the water quality of Oregon's lakes. Lake Wise is produced quarterly at Portland State University. For more information about the Citizen Lake Watch Program or this newsletter, contact the Lake Watch Coordinator at: Citizen Lake Watch, ODEQ, Water Quality Division, 811 SW 6th Avenue, Portland, OR 97204, or call 725-3833 or 1-800-452-4011.

This newsletter is available in alternate format (e.g., braille or large type) by contacting DEQ Public Affairs at 229-5766 or toll-free in Oregon 1-800-452-4011. People with hearing impairments can also contact DEQ's TDD at 503-229-6993.

Wallowa, Paulina, and Billy Chinook Win Acclaim

Three Oregon lakes made Pacific Northwest magazine's list of "Great Lakes" in the Pacific Northwest (June 1994 issue). Wallowa Lake, Lake Billy Chinook, and Paulina Lake were featured in the article, which also included lakes in Washington, Idaho, Montana, and British Columbia.

Wallowa Lake is monitored by Citizen Lake Watch volunteer Fred Barstad, who operates the Wallowa Lake Marina at the south end of the lake. Wallowa Lake lies at the foot of the Wallowa Mountains in a spectacular alpine setting, and is one of northeastern Oregon's finest scenic and recreational resources. The lake was formed by damming of the Wallowa River by glacial moraines and is considered one of the finest examples of a morainal lake in the United States.

Wallowa Lake has a maximum depth of 299 feet (91.1 meters) and a surface area of 1508 acres (610.3 hectares). By any measure, Wallowa Lake is oligotrophic. The lake has the distinction of having the most transparent water of any lake in the Citizen Lake Watch Program. In 1993, Fred measured a 44 foot (13.4 meters) Secchi disk depth. During the summer of 1993 the Secchi disk depth averaged 41 feet (12.5 meters).

Wallowa Lake is best known as a recreational area. In addition to the native fish, rainbow trout, mackinaw, and Dolly Varden have been stocked and the fishing is excellent. If you are ever in the vicinity, stop at Wallowa Lake and enjoy. While you are there, be sure to thank Fred for his volunteer sampling efforts.

Paulina Lake and its neighbor, East Lake occupy Newberry Crater, a volcanic caldera at the summit of the Paulina Mountains. East and Paulina Lakes are favorites of anglers. It is estimated that over 60,000 anglers visit the lakes each year, even though they are often among the last to open in the spring because of snow-blocked roads.

Paulina is one of the deeper lakes in Oregon, with a maximum depth of 250 feet (76.2 meters). Water chemistry is influenced by subsurface inflow of hot springs, which contribute to high conductivity and nutrient concentrations. The lake experiences occasional algae blooms and is classified as mesotrophic. The periodic

algae blooms contribute to the variable Secchi disk depths, which have ranged from 13 to 62 feet (4 to 18.8 meters).

Lake Billy Chinook (a.k.a. Round Butte Reservoir) is the uppermost of two PGE reservoirs on the Deschutes River. It is a large (3916 acres), deep (415 feet) impoundment that is a very popular recreation site. Rainbow trout are stocked heavily and are taken in good numbers. Several boat launches, swimming, picnicking, and camping are available at Cove Palisades State Park.

Nutrient concentrations and phytoplankton species composition classify Billy Chinook as eutrophic. Secchi disk transparency is typically low although it is influenced primarily by the amount of sediment entering the reservoir from the three rivers that flow into it rather than by phytoplankton density.

Wallowa, Paulina, and Billy Chinook are only three of the "Great Lakes" of Oregon. Selection by the magazine was clearly subjective, and many Oregonians have their own list of "Great Lakes" in the state. The Annual Meeting of OLA provides everyone a chance to justify their favorite lake's inclusion on the list of Oregon's Great Lakes.

Acclaim Your Lake at the OLA Meeting

The Annual Meeting of OLA is your chance to put your lake in the spotlight. Program Chair Anjala Ehelebe has arranged a room with poster boards that will allow lake advocates to mount pictures, reports, or ? to describe the features, problems, and/or solutions of individual lakes. The poster session is envisioned as a way for concerned lake residents to get the word out about their lake and to generate informal discussion about their lake's problems and potential solutions with other "lake wise" people. Bring some pictures and information about our lake for mounting on the poster boards and everyone may learn something. Call Anjala for further information (945-7474)

E.P.A. Education Grants Available

The Environmental Protection Agency has published a solicitation notice for Environmental Education Grants. E.P.A. is soliciting applications from any local or tribal education agency, college or university, state education or environmental agency, not-for-profit organization (such as OLA), or noncommercial educational broadcasters for grants to support projects to design, demonstrate, or disseminate practices, methods, or techniques related to environmental education. Grants can range up to \$250,000, although grants smaller than \$5,000 have the greatest chance of funding.

All proposals must focus on one of the following:

- Projects that improve educators' environmental education teaching skills (e.g., through workshops);
- Projects that build state, local, or tribal capacity to develop and deliver educational programs;
- Projects that educate members of a community through a grassroots community-based organization; or
- Projects that motivate the general public to be more environmentally conscious in making informed decisions and taking responsible actions through vehicles such as print, film, or broadcast media.

OLA submitted a grant application last year to produce an educational video on Oregon lakes that received good reviews but failed to qualify for funding. Anyone interested in pursuing an EPA Education Grant should contact Mark Sytsma at the address listed on page one. Grant applications are due October 14, 1994.

New Dues Structure for Chapters

The North American Lake Management Society, the parent organization for OLA, has proposed a revision to the chapter dues structure. OLA must pay dues to be a chapter of NALMS. In the past, chapter dues were based on the number of non-NALMS members in a chapter. This policy encouraged chapters to recruit members for NALMS. Based on a discussion at the chapters meeting in Chicago in May, chapter dues will be five percent of the total annual chapter dues, with a minimum of \$100 and a maximum of 400. This dues structure was considered fair to both small, newly organized chapters (like OLA) and to large chapters with several thousand members.

The dues structure should provide about \$5,000 per year, which is the current annual budget provided by NALMS for chapters. The chapters budget is used for training workshops, chapter manuals or other publications, legislative activities, or any other chapter-related activities. According to Jean Jacoby, Chair of the NALMS Chapters Committee, the dues will be put back into the chapters.

Exhibit Space Still Available

The Annual Meeting of OLA promises to be a good one this year with abundant space for exhibitors. The exhibitor registration of \$120 reserves your exhibit space, includes your 1995 Corporate Membership, and buys you lunch. Contact Anjala Ehelebe, Program Chair, at 503-945-7474 for further information.

Whom can you trust?

Environmental risk communications researchers found the least trusted sources of environmental information are government and industry. The most trusted sources are grassroots groups and the media.

Back Issues of Lake Line

Additional copies of the NALMS magazine, Lake Line, are available at a cost of \$1.80 each. Call Ginny Lee (or Shelley) at (218) 927-4100 or (218) 927-6741 (Fax) if you would like to place an order.

July 13, 1994 OLA Board Meeting Minutes

Recorded by Avis Newell

In attendance: Richard Petersen, Mark Sytsma, Anjala Ehelebe, Dave Wagner, Andy Schaedel, Margaret Kalinsky, Del Isham, and Avis Newell, (recorder).

Most of the meeting was spent discussing details of the upcoming annual meeting at Seaside in September. The highlights of this discussion follows:

1. Anjala has put together a marvelous draft agenda for the meeting. Friday events include opening the space for exhibitors, a board meeting Friday evening at 7:00 PM., and a possible training session for board members. Mark Sytsma is working on this. Apparently there is some schedule conflict at the moment. Saturday's schedule includes morning meeting registration, an all morning plenary session, lunch, and three concurrent afternoon sessions, ending in a final plenary session. The final details will be worked out by Anjala, and sent to board members for final comments. An agenda will then be sent to members with the next newsletter.

2. Anjala needs assistance with the following tasks:

- a. A head registrar for the conference, and volunteers to register at the conference. Mark and Richard will try to find a Registrar, and get student help for the conference.
- b. We need to contact exhibitors for the conference. Exhibitors will pay a \$50 fee for exhibiting, plus a \$50 commercial membership.
- c. We need a site coordinator who can show people where things are and run after last minute details, like extension cords, etc.
- d. We will try to have video room available. We need to advertise in the next newsletter that folks can bring pertinent videos for viewing throughout Saturday.
- e. We need more membership flyers to have available at the meeting.
- f. We need a coordinator for the technical session on Saturday afternoon, to recruit speakers, schedule, and moderate the session. Andy Schaedel will try to get Doug Larson to do this task.
- g. It is time for election of officers to the board, so we need a nominations committee. Mark Sytsma and Richard Petersen volunteered, as neither of them will be seeking office.
- h. The fee for the conference will be set at \$30 each. This will include lunch, annual membership and the fee for using the building. Anjala will order a lunch buffet that will be less than \$10 a plate. Andy will see if there are state funds that can cover the cost of the annual meeting. In the past we

have had an EPA grant for this, and that money is not available this year.

Other items discussed at the meeting were:

1. NALMS has decided on charging state chapters 5% of their membership dues, as NALMS dues, with limits not to exceed \$400, or be less than \$100 per year. This is considerably less than their original proposal. We decided to have some NALMS information at the meeting as well, to describe to members why it is important for OLA to be a NALMS member, and to convince more individual members to join.
2. EPA educational grants are due in October. If anyone can think of a project for this money, they should contact Mark Sytsma and Richard Petersen for information and for details of the prior attempt to apply for money to make a video.
3. Joe Eilers sent a note indicating that the Fisheries Society has joined forces with the Oregon Wildlife Society to hire a government relations specialist, Stephen Kafoury. Perhaps we should learn more about this and consider joining them for help in addressing state lake issues.

The situation now is that competition for the resource management dollar is strong and lakes are severely lagging in the recognition they deserve. The current emphasis within regulatory agencies is on watershed protection, nonpoint pollution control, wetlands, and streams. Support for those activities/resources is needed and, in many cases, if positive results occurred, there would be a direct benefit to lakes. However, receiving lakes may in fact be the most sensitive part of the watershed, at least with respect to sediments and nutrients. (emphasis added). These materials will end up more concentrated at the bottom of receiving lakes and reservoir than they were during transport from the watershed. At moderate loads, sediment will tend to move out of streams during high-water flow, but be permanently trapped by lakes and reservoirs where water residence time is relatively long....Moreover, the relation between the concentration of limiting nutrient and the concentration of algae in lakes and most reservoirs is usually proportional, while in streams, algae and nutrients are usually not proportionally related.

– Gene Welch, Past-President, NALMS
(From LakeLine)

Lake/Homeowner Associations Take Note Something for **FREE**

Lake/Homeowner Associations that send in their 1995 Membership dues of \$25 will receive Lake Smarts, a lake management handbook. Lake Smarts is a \$21.95 value—and its yours FREE with your Lake/Homeowner Association membership in OLA. Lake Smarts shows you where you can begin lake-saving projects, how to save time and money by using equipment designed for other purposes (like your back), where to get equipment and how much it costs. The author's commonsensical approach and wry humor are contagious—and cover most lake problems, including algae and weeds, muddy waters, septic systems, undesirable fish, and greedy waterfowl. Imagination is important in effective lake management, and this book has it in spades—and rakes, and muck buckets.

Grass Carp Hearing Scheduled

The Oregon Fish and Wildlife Commission has scheduled a hearing on rules governing the use of grass carp for September 21, 1994 at the Department of Fish and Wildlife Headquarters, 2501 SW First Street in Portland. At the meeting, Department staff will brief the Commission on the risks and benefits of the use of grass carp. Currently, grass carp are legally present only in Devils Lake. After the Staff briefing the Commission is expected to either draft rules allowing use of grass carp and spell out conditions under which they can be used or to reaffirm current restrictions.

Fish and Wildlife staff have scheduled a meeting on August 11, 1994 at 7 PM in the Commission meeting room at ODFW Headquarters to discuss their assessment of the benefits and risks of grass carp. ODFW invites all interested parties to attend one or both of the meetings. If you cannot attend the meetings, written comments are welcome. Contact Ray Temple at the ODF&W office in Portland for more information.

NALMS Meeting in Orlando

NALMS will hold its annual symposium in Orlando, Florida (home of Disney World) October 31 through November 5, 1994. Last year's symposium in Seattle was well attended by OLA members, and although it is a bit longer trip, it would be nice if OLA could put in a

AFS Hires Lobbyist

At the annual business meeting, the Oregon Chapter of the American Fisheries Society voted to join the Oregon Chapter of the Wildlife Society in hiring Stephen Kafoury as full-time government relations specialist for the upcoming Oregon legislative session. Strong support was voiced by AFS members because of the anticipated difficulty that natural resource legislation will face in the upcoming legislative session, as well as their lack of success in influencing legislative decisions in past sessions.

Kafoury will educate the legislature on the issues of interest to the Societies, educate the Societies members on the legislative process, assist in development of a legislative agenda, identify bills that have relevance to the Societies' interests, draft and introduce legislation as directed by the Societies, and support and oppose legislation as directed by the Societies.

Corporate Sponsors

OLA's Corporate Sponsors play an important role in the organization. Their financial support and contributions of time and materials are much appreciated.

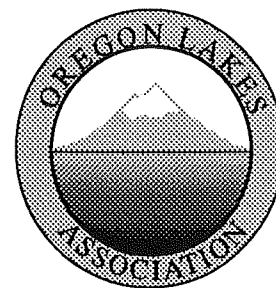
Thanks to:

Aquarius Systems	Electric Data Solutions
KCM	Pacific Education Resources
SRI/Shapiro	Resource Management
E&S Environmental	Chemistry

good showing again this year. Look for information on the Symposium at the meeting in Seaside or contact the NALMS Business Office [One Progress Blvd., Box 27, Alachua, FL, 32615 (904-462-2554; fax 904-462-2568)] for further information.

Preliminary Agenda

**Annual Meeting of the Oregon Lakes Association
16-17 September 1994
Seaside Convention Center
Seaside, OR**



Friday, 16 September 1994

1:00 P.M.	Convention Center Open for Exhibitors
7:00 - 7:45 P.M.	OLA. Board Meeting
7:45 - ? P.M.	Socializing

Saturday, 17 September 1994

Morning Session

7:30 - 11:00	Registration
8:45 - 9:15	Opening Remarks and Welcome
9:15 - 10:00	Aquatic Vegetation: Ecology and Management. (What good are aquatic plants? When is a plant a weed? How do you develop an aquatic vegetation management plan that works?)
10:00 - 10:30	Break
10:30 - 12:00	Lake and Watershed Management—Federal, State, and Local Programs (A panel discussion with questions and answers from agency representatives)

Afternoon Session

12:00 - 12:45	Buffet Lunch
1:00 - 2:00	Concurrent Session 1. Technical Papers – Reports on Oregon lakes Concurrent Session 2. Running a Lake/Homeowner/Recreation Association Concurrent Session 3. More Aquatic Weeds and Citizen Lake Watch Training (Bring your favorite weed for identification and management tips)
2:00 - 2:15	Break
2:15 - 3:15	Repeat Concurrent Sessions
3:15 - 4:30	Lake Association Legislation: An OLA Initiative? – Panel Discussion
4:30 - 4:45	Closing remarks

Overnight accommodations

A variety of accommodations are available in Seaside. A few of the many hotels and motels are listed below. Please call the Seaside Visitors Bureau at 1-800-444-6740 for additional listings.

Ambassador by the Sea (\$59-\$149), 738-5382
Best Western Ocean View Resort (\$70-\$230), 1-800-234-8438
Budget Inn (\$50-\$125), 1-800-478-5191
Bungalow City Motel (\$30-\$50), 738-5191
Chief Motel (\$30-\$40), 738-7011
Colonial Motor Inn (\$49-\$89) 1-800-221-3804

Driftwood Motel (\$40-\$80) 738-5597
Sand and Sea (\$55-\$214) 1-800-628-2371
Seashore Resort Motel (\$55-\$94) 738-6368
Shilo Oceanfront (\$71-\$195) 1-800-222-2244
Sundowner Motor Inn (\$39-\$69) 738-8301
Tradewinds (\$42-\$65) 738-9458

Oregon Lakes Association

1994 Annual Meeting Preregistration and 1995 Membership Renewal

16-17 September 1994
Seaside Convention Center
Seaside, OR

Name _____

Address _____

Phone _____

Fax _____

**PLEASE INDICATE TYPE OF REGISTRATION. SEND IN YOUR 1995 MEMBERSHIP RENEWAL
EVEN IF YOU CAN'T MAKE THE ANNUAL MEETING**

- ☐ Individual, \$30, Includes conference registration, 1995 membership dues, and conference lunch, (\$10 is tax deductible). \$10 for membership renewal without conference registration
- ☐ Public/Not-for-Profit, \$55, Includes conference registration, 1995 membership dues, and one conference lunch (\$25 is tax deductible). \$25 for membership renewal without conference registration.
- ☐ Lake/Homeowner Association, \$55, Includes conference registration, 1995 membership dues. Lake Smarts, Lake Management Handbook, and one conference lunch (\$25 is tax deductible). \$25 for membership renewal without conference registration.
- ☐ Sustaining, \$130 (or more), Includes conference registration, 1995 membership dues, and six conference lunches (\$100 (or more) is tax deductible). \$100 for membership renewal without conference registration.
- ☐ Corporate, \$70, Includes conference registration, 1995 membership dues, and one conference lunch. Add \$50 for an exhibit. \$50 for membership renewal without conference registration.
- ☐ Exhibitor, \$50, Registers for exhibit only, no 1995 membership dues or conference lunch

Make checks payable to **Oregon Lakes Association** and return to:

Oregon Lakes Association
PO Box 586
Portland, OR 97207

For additional information on the meeting contact Anjala Ehelebe, Program Chair (503) 945-7474

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WORKING TOGETHER FOR OREGON'S LAKES

