THE TRIBUTARY

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A Newsletter of the Western Division, American Fisheries Society

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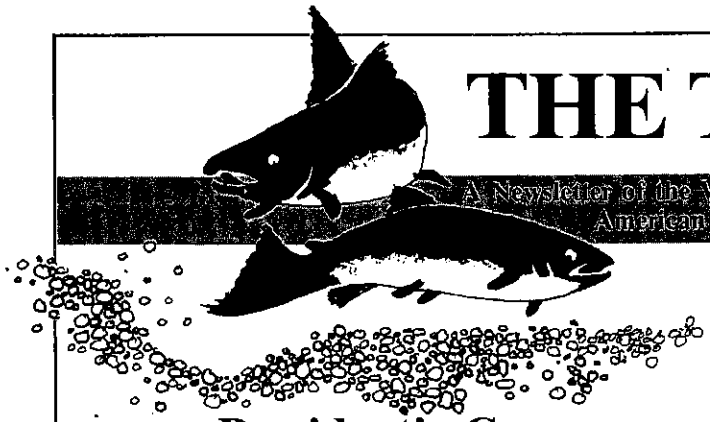

President's Corner

Following in the thorough and progressive footsteps of immediate past President Don Duff, and staying ahead of an enthusiastic and tireless President-elect, Neil Armantrout, is how I would describe my program as President of the Western Division of the American Fisheries Society (WDAFS) for 1983-84. Many of the Committee Chairmen (still very serious and enthused) have requested or agreed to continue to serve this year. Last spring, the mailout ballot provided a space for each member to indicate the Committees that they would like to serve on. These have been passed on to the Committee Chairmen, along with the sign-up sheets from the annual conference. Because there was limited feedback from both queries, I feel that many of you have not had ample opportunity to participate. In this newsletter, a list of all of the names and addresses of the Committee Chairmen for the year is provided. If you have a desire to participate or wish to keep pace with developments, please contact the respective committee chairman and request that you be assigned to that committee. The entire Division's activities run on committee work; your officers simply provide continuity and linkage with other society sub-sections and the parent society, but all of the products produced by this Division are the results of committee work.

Immediate past President Don Duff provided a review of committee work in the June 1983 issue of *Tributary*. Most of that work is continuing under the same leadership. For the Membership Committee, however, we have a new Chairman, Steve Grabacki, from Anchorage, Alaska. Steve is a consultant with Dames and Moore, and has done an outstanding job as Alaska Chapter's Membership Chairman, and will bring enthusiasm and new ideas to the Division. Tony Novotny, last year's Chairman, will remain active on the Committee, and I expect that with the combined talents of these two fellows the Western Division will be a leader in recruitment this year.

Another important appointment is Bob Phillips as newsletter editor. Glen Phillips finally requested relief and finding his replacement was not a task I was looking forward to. However, Bob transferred from Juneau to Portland and Gordy Haugen, a past editor, suggested his appointment. I contacted Bob and he accepted. Glen will be working closely with Bob so that the transition will be smooth.

Our By-Laws Chairman, Bob White, brought to a successful conclusion all the proposed By-Law changes that his Committee developed last year. I especially commend Bob and his Committee for their thorough pursuit of this work; it was needed, long overdue, and now completed; the Division's administrative process and continuity are the benefactors. As a result of these changes, we have a new Program Chairman and a Time and Place Committee Chairman, Neil Armantrout and Ross Peterson, respectively. Victoria, B.C. is the site for our annual conference in 1984 — probably the best place in Western North America to have our meeting. More on the 1984 Conference elsewhere in this Newsletter.

One of the results of the meeting in Jackson, this past July, is that the Western Division has a Habitat Inventory Committee chaired by Dr. Bill Helm. The Western Division, as well as most Agencies represented in the Western Association, felt there is a critical need for a standardized glossary of terms and a compilation of acceptable techniques for measuring habitat components similar to the American Public Health Association's standard methods for the examination of water and waste water. Bill's Committee will pursue this objective of developing a standardized glossary of terms and techniques for stream and lake inventory in Western North America.

Bringing together 500 to 600 members of the two organizations to discuss fish and wildlife resources in Western North America, Mexico and Hawaii is a huge and expensive undertaking. The cost in personal services alone overshadows all other expenses. The potential rewards, however, outweigh the costs by far. The goal is to bring together our best and brightest, and have them interact productively (especially in a charming city like Victoria). The products should be such things as an active legislative involvement program, timely resolutions, and activism through committees in all aspects of our work.

Your Executive Committee met with the Western Association Executive Committee (our annual conference co-sponsors) in Jackson. Our relationship with the Western Association has improved steadily over the past few years. If I have a single *goal* that I wish to accomplish this year, it will be to better solidify our relationship with the Western Association. Western Association President Don Robinson is a prince of a guy to work with; he is equally committed to strengthening the relationship of the two organizations. At the mid-term Executive Committee meeting, the Western Division and the Western Association will discuss a proposed Memorandum of Understanding. The memorandum will define how the organizations will agree to interact with each other, especially with regards to co-sponsoring the annual conference. Both President Robinson and myself are hopeful that accord will be reached and that we will be able to sign this memorandum during our terms.

Unfortunately, my communications to each member of the Division is limited as we publish only two issues of the *Tributary* each year. Most of my contact, and the Executive Committee's contact, will be through the Chapters. I realize that this doesn't reach everyone in the Division; accordingly, I extend a sincere invitation to contact me directly if you feel the Division can assist you in your fisheries work in any way. I also encourage you to communicate with me on the issues of concern

in your area. I encourage and challenge you to participate on the Division's Committees; there's room for all levels of participation, and who knows, you may find yourself actively involved in a rewarding experience. In my preliminary discussions with Neil, I can assure you that the program in Victoria will be dynamic and require your involvement. Be an active fisheries person this year!

Stan Moberly

WDAFS Nominations

1984-85 election of officers is still months away, but let's be thinking of suitable members who would be willing to assume leadership roles in the WDAFS. Please send or call your nominations for president-elect, vice president, secretary-treasurer, and representative to parent society nominating committee to Nomination Committee Chairman Don Duff. In succeeding years, assuming the membership approves the by-laws change discussed elsewhere, the office of the president-elect will be filled by the vice president of the previous year.

Stream Clearing Guides

Stream Obstruction Removal Guidelines, developed by a joint AFS/Wildlife Society committee, have been subsequently adopted and published by the International Association of Fish and Wildlife Agencies. The effort was the first of its kind and produced an outstanding document that has also received the endorsement of Trout Unlimited, Wildlife Management Institute, National Wildlife Federation, American League of Anglers, Sport Fishing Institute, Izaak Walton League, National Marine Fisheries Service, Forest Service, and Fish and Wildlife Service. The guidelines provide for protection of fish and wildlife habitat in projects aimed at removal of debris and other obstructions causing navigation, flood control, fish migration and erosion and drainage problems.

The joint committee was chaired by Chester McConnell. Other AFS members were Errol Claire, Don Duff, Jon Erickson, James Karr, David Parsons, James Sedell and Monte Seehorn. Several are members of The Wildlife Society as well. Distribution of the guidelines will be handled by the American Fisheries Society, 5410 Grosvenor Lane, Bethesda, MD 20814-2199 at a cost of $2.00 postpaid for individual copies and $1.00 each postpaid for 3 or more.

Small Hydro Workshop

A workshop aimed at bringing together small hydro developers and fisheries interests is scheduled for November 29 - December 1 at the Sheraton Airport Hotel in Portland, Oregon. The workshop consists of the annual meeting of the Northwest Small Hydro Association (NWSHA) and hydro developers workshop November 29-30, overlapped by a workshop on In-stream Flow Incremental Methology (IFIM) November 30 - December 1. The November 29 afternoon session of NWSHA is open to registrants for the IFIM workshop. A social is planned for Wednesday, November 30, to encourage dialogue among the participants of the two sessions. Registration is being handled by the NWSHA office in Portland, (503) 626-7140. Additional information is available from co-chairmen Neil McDonald, President, Northwest Small Hydro Association, (206) 621-9247; and Carey Feldman, Fisheries Biologist, Puget Power and Light, (206) 451-3088.

A Winner!

An outstanding example of what a committee can do is found in the fine record of the Riparian Habitat Committee of the Western Division of AFS. In the last 5 years it has developed a position paper on the importance of riparian habitat, which was distributed to agencies involved in riparian management throughout the United States. The Committee has also developed the paper, "The Best Management Practices for the Management and Protection of Western Riparian Stream Ecosystems," which has been a best seller. The original printing of 1000 had to be supplemented by another 500 to meet requests from agencies and individuals not only in the Western Division, but throughout the U.S. Requests were received from as far away as Europe and Africa. Copies of the "Best Management Practices" are available at $5.00 per copy (to cover printing and mailing costs) from the parent AFS office, or from Don Martin, present chairman of the Riparian Habitat Committee. the Committee is in process of developing a slide-tape on riparian habitat for distribution throughout the Western Division.

The Riparian Habitat Committee was established under the Presidency of the late John Skinner (California). Early leaders on the committee included Gordon Haugen (Oregon) and Don Duff (Utah).

A Stream Habitat Improvement Workshop In 1984?

After much discussion within the WDAFS and West Coast chapters it appears that planning for this workshop has reached a critical stage in order to have it at all in 1984. The North Pacific International Chapter (NPIC) feels it cannot put together the workshop in 1984. The WDAFS & NPIC, therefore, are asking if any other chapter(s), individually or jointly with the WDAFS, would like to pursue this workshop for 1984. If so, contact Don Duff immediately, so planning can be discussed.

These workshops, national in nature but regional in scope, have been held every 2 years since 1978 to provide aquatic specialists with a review of old and new methods in stream habitat improvement throughout North America. International participation has also been included in the workshop. I feel the WDAFS, a co-sponsor, can still pull it off this year with chapter help, as well as Trout Unlimited, Sport Fishing Institute, Forest Service, Bureau of Land Management, etc., co-sponsorships.

How about the California area? or Oregon area? Are any others interested? Chapters please let me know immediately, or we'll have to cancel the 1984 workshop!

— Don Duff, 801-625-5662.

Western Division of the American Fisheries Society

Executive Committee

President ..... Stan Moberly
P.O. Box 3-2000
Juneau, AK 99802
(907) 465-4160

President-Elect ..... Neil Armantrout
P.O. Box 10582
Eugene, OR 97440
(503) 687-6810

Secretary/Treasurer ..... James Fessler
Rt. 5, Box 325
Corvallis, OR 97330
(503) 757-4186

Immediate Past President ..... Don Duff
4332 Noel Drive
Salt Lake City, UT 84117
(801) 625-5662

National Nominating Committee ..... John Rinne
Arizona State University
Tempe, AZ 85281
(602) 261-4365

Call for Papers

A gathering of the clan of WDAFS will take place July 15-20, 1984, at the Empress Hotel in Victoria, B.C. It is a splendid hotel, and an excellent site for the meeting. As customary, the meeting of the Western Association of Fish and Wildlife agencies will be held at the same time in the same hotel. It is anticipated many attendees will bring their families to enjoy the attractions while meetings are in session. Activities, including salmon fishing, will be available.

Technical sessions are being organized on large woody material and fish habitat, habitat improvements, and fish economics. Other technical session topics suggested are: riparian management; impacts of El Nino on fish resources; status of marine stocks; role of aquaculture; management for native genetic stocks; fisheries programs in Mexico and the South Pacific; and best management practices for fisheries. There will also be contributed paper sessions. The actual session topics and number of sessions will depend upon the papers submitted.

Topics of papers are not limited at this time. Program Chairman Neil Armantrout invites persons wishing to submit a paper to send an abstract, including names of authors, and the name, address and telephone number of the contact for the paper. Authors of papers selected for presentation will be notified in March, 1984. Individuals interested in organizing a session should also contact Neil. Abstracts, proposals, or other suggestions for the meeting should be sent to:

Neil Armantrout
P.O. Box 10582
Eugene, OR 97440
(503) 687-6810

Abstracts are needed by March 1, 1984; other proposals by January 1, 1984.

Other Committees

Nominating
Chairman, Don Duff
4332 Noel Drive
Salt Lake City, UT 84117
(801) 625-5662

Membership Concerns
Chairman, David Bennett
University of Idaho
Moscow, ID 83843

Time & Place
Chairman, Ross Peterson
1247 Bedford Ct.
No. Vancouver, B.C. V7R 1L1
(604) 980-7824

Membership
Chairman, Steve Grabacki
Dames & Moore, Inc.
800 Cordova St.
Anchorage, AK 99501
(907) 279-0673

Bylaws
Chairman, Bob White
Montana State University
Bozeman, MT 59717
(406) 994-3491

Program
Chairman, Neil Armantrout
P.O. Box 10582
Eugene, OR 97440
(503) 687-6810

Riparian Habitat
Chairman, Don Martin
Rt. 1, Box 84
Star, ID 83669
(208) 334-4251

Endangered Species
Chairman, John Rinne
Arizona State University
Tempe, AZ 85281
(602) 261-4365

Trade Show
Chairman, (temporary)
Ross Peterson
1247 Bedford Ct.
No. Vancouver, B.C. V7R 1L1
(604) 980-7824

Water Development and Streamflow
Co-Chairmen, Dudley W. Reiser
Bechtel Group, Inc.
San Francisco, CA 94119
(415) 768-2627
and Tom Wesche
University of Wyoming
Box 3067, University Station
Laramie, WY 82071
(307) 766-2143

Student Concerns
Chairman, Jim Reynolds
University of Alaska
Fairbanks, AK 99701
(907) 474-7661

Public Lands
Chairman, Dave Cross
Finley Point Route W 2213
Polson, MT 59860
(406) 675-4600 X366

Newsletter
Editor, Bob Phillips
P.O. Box 3623
Portland, OR 97208
(503) 221-3350

Resolutions
Chairman, John Peters
P.O. Box 35007
Denver, CO 80215
(303) 234-2050

Marine Fisheries
Chairman (temporary),
Ross Peterson
1247 Bedford Ct.
No. Vancouver, B.C. V7R 1L1
(604) 980-7824

Awards
Co-Chairmen, Don Duff
4332 Noel Drive
Salt Lake City, UT 84117
(801) 625-5662
and Al Mills
615 E. Center Street
Orem, UT 84057
(801) 377-5780

Audio-Visual
Chairman, Bill Helm
Utah State University
Logan, UT 84322

Habitat Inventory
Chairman, Bill Helm
Utah State University
Logan, UT 84322

Audit
Chairman, Bob House
Box 3227
Salem, OR 97302
(503) 399-5643

Water Development and Streamflow

The Water Development and Streamflow Committee (WDASC) of the Western Division consists of 15 members representing seven western states and two Canadian provinces. In 1983-84, the WDASC is continuing its role in bringing to light important fishery issues pertaining to western water developments.

In this respect, the Committee is presently finalizing a position statement on small scale hydroelectric developments for the Western Division. There is renewed interest in small scale hydroelectric development, with virtually every western state containing some streams suitable for development. States such as Oregon, Washington, California and Idaho have literally hundreds of streams which are presently being evaluated for small scale hydro potential.

Depending upon final regulatory requirements of the Federal Energy Regulatory Commission (FERC), development of small scale hydro projects may proceed in an accelerated fashion compared to projects of larger scale. While environmental issues (including fisheries concerns) will still need to be addressed in the FERC application, the degree to which individual developers will be required to resolve Agency concerns remains to be seen. Additionally, small scale hydro projects are presently evaluated on a case by case basis with no consideration for the cumulative impacts that may result from more than one development. In fact, this latter effect may be the most damaging to a system's aquatic resources.

The position statement noted above will address these, as well as other concerns of small scale development in the West. The WDASC is still receiving input on the position statement and thus, there is still time for you to send your comments, concerns, example cases, etc., pertaining to small scale hydro developments. Comments should be sent to Tom Wesche at the address noted elsewhere in this newsletter.

On a separate but related subject, the WDASC is compiling the results of a 1981 questionnaire sent to all western states for information concerning instream flow issues. Because the subject of instream flows is becoming exceedingly important throughout the United States and Canada (including the eastern states) it is the intent of the Committee to prepare a formal report of the results that may be suitable for publication in fisheries.

Of particular interest in the survey was the status of any instream flow legislation in the states, as well as a description of their currently utilized instream flow methodologies. Recognizing that changes may have occurred in the past two years, the WDASC will soon be contacting all western fish and game agencies for updated information. Should you have specific information concerning instream flow issues in your state that you would like integrated into the results of the survey, please contact Dudley Reiser at the address noted in this newsletter.

If there are other issues which you feel the Committee should be addressing, please contact either of the Committee co-chairmen. *—Dudley Reiser, Water Development and Streamflow Committee Co-chairman.*

By-Laws Change

Important changes to the WDAFS by-laws were made at the annual meeting, and approved by the parent AFS Executive Committee. The most significant change was the addition of the office of vice-president. The individual elected to that office will automatically move to president-elect and then to president. This change will provide greater continuity in the WDAFS leadership.

Duties of vice president include substituting for the president or president-elect as members of the parent Executive Committee. The separate election of a delegate to the parent Executive Committee will end with the president-elect serving in that capacity. This change will bring the WDAFS by-laws into line with the parent by-laws. Other duties of the vice-president include chairing the Membership Committee and serving on the Program Committee, sharing the latter responsibility with a resident co-chair.

These changes are subject to approval by the WDAFS membership, and the question will appear on the ballot as part of the May issue of *The Tributary.* Election of a vice-president will be provided for on the same ballot, contingent upon approval of the by-laws by the membership.

1983 Resolutions

A number of resolutions were passed at the 1983 annual meeting of WDAFS. The main thrust of these is summarized below. WDAFS:

- Requests the National Committee on Internationalism to consider a name change for AFS because the current "American Fisheries Society" connotes the USA, and slights members from Canada and other countries. "Fisheries Society" and "North American Fisheries Society" were possible changes discussed.
- Concerning the development of small hydroelectric facilities, favors development of a site ranking program; standardization of site selection, construction, and operation; evaluation of impacts of multiple sites; and a 2-year moratorium on development in areas currently with a power surplus.
- Favors listing the desert pupfish as an endangered species, and protection of habitat in San Felipe Creek, San Sebastian Marsh, and Santa Clara Slough.
- Advocates retention of public lands, with exchanges and purchases being used to improve distribution for management.

More detail concerning the resolutions can be obtained from Resolutions Committee Chairman John Peters.

D-J Expansion Status

The parent office advises "It is still in the hands of the Senate Finance Committee where support for passage seems good. We continue to be optimistic about passage before the year-end holiday recess but anticipate enough difference between The House and Senate versions to require appointment of a conference committee to resolve the differences."

AFS Profile

An excellent slide-tape program, "This is AFS" is now available. Produced by the Audio-Visual Committee, the tape may be purchased through A-V Chairman, Brian R. Murphy (Range and Wildlife, Texas Tech University, Box 4169, Lubbock, TX 79409 (806) 742-2843). The program comes in cardboard slide mounts suitable for a single projector presentation using a Kodak Caramate or similar self-contained system, or a carousel projector tied to a Wollensak-type recorder. The cost is $70.00. For double-projector phase-in presentation, the program is available in glass slide mounts for $130.00. These mounts are recommended to ensure proper phase-in characteristics in the double-projector show. The use of a Kodak "Ektagraphic Universal" slide tray is required to accommodate the increased thickness of the glass mount slides. Equipment required for a double projector show includes 2 carousel projectors, a dissolver unit (Wollensak AV33 or equivalent) and a cassette tape recorder capable of connection to the projectors (Wollensak Cassette System 12573AV or equivalent).

All programs are supplied with a cassette tape complete with 1000 Hz ultrasonic pulses to automatically control slide advance on the projector. A text of the script is supplied for use without the tape. Shipping and insurance is included in all prices. Foreign orders must make payments in U.S. dollars and will be billed shipping charges in excess of that calculated here.

A copy of the program is available for loan from the parent AFS office. Subunits are welcome to duplicate, though we do request that you notify us so that we can keep track of which subunits have programs. Each of the divisions is encouraged to purchase or duplicate a copy of the program to streamline distribution.

Editor's Note

In a moment of euphoria on being asked to be editor of the WDAFS newsletter, I said yes. The glory of the title "Editor" overcame, for a moment, my natural inclination to avoid arduous tasks. The glory faded quickly, but being too proud to back away from a commitment, I'll wear the hat for a year.

Being editor has certain advantages: you can shape the newsletter to suit you. But the evolution that has taken place over the past several years under successive editors has reached a high level of quality. Any changes should be improvements, of course, or they are not worth the effort. So, I'm content to follow the fine example of my predecessor, Glen Phillips (no relation), with one exception. The prior emblem, the Montana grayling, provided limited opportunity for identity with members, its range being only a small part of the geographic area of the Western Division. The new emblem, on the other hand, has two underlying themes that are universal in the division: salmonids and sex. Everyone should be able to identify with at least one; most will identify with both. The new emblem is courtesy of Del Thompson, artist-illustrator with the Forest Service Experiment Station in Portland.

Your contributions to the Tributary are welcome. I'll not guarantee that every word will be printed, but I'll make every effort to include the essence of your message.

This is my way of handling the chore. If anyone has a complaint, well, you remember the story about the moose droppings being served with the hashbrowns. . . !

—Bob Phillips, *Editor*

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