

## President's Corner:

# Active Support Insures Better Resource Management

Since the last newsletter, I have had the pleasure of attending four chapter meetings and the mid-term Parent Society Executive committee meeting. The resource oriented activities of these chapters and our Society, the exceptional quality of technical papers and the high level of dedication and motivation exhibited strengthened my already strong conviction that the American Fisheries Society, at all levels, exemplifies the highest of professional standards and is an organization to be proud of.

My only disappointment is the relatively large number of active chapter participants who are not members of our Parent Society. This apparent lack of interest in overall Society activities must be due to our failure to adequately communicate what the Society is doing for the fisheries profession and the resource. I have never heard a fisheries professional give a legitimate reason for not being an active AFS supporter, whether it be finances, policy, responsiveness, time commitment or whatever! The only way to get involvement from these people is for each of us to seize every opportunity to better inform them of what the society is doing to protect and enhance aquatic resources and how much more influential we can be if we also participate at the Parent Society and division levels.

The same reasons for being active in a chapter apply to other Society levels as well. Chapters usually (and rightly so) focus on geographically local issues that are most familiar and dear to chapter members. However, issues much larger in scope must also be addressed; the division or Parent Society level can more appropriately respond to these. It is obvious that backing from a division or the Parent Society will have more influence on resource decisions than we have as individuals or chapters. Let's convince all non-member aquatic resource professionals that we need their active support to insure better resource management in the future.

Speaking of active support, I encourage each of you to *please* vote for Western Division Officers. It only takes a moment so please do it now! Last year less than 10% of our membership voted. Let's turn that around.

The mid-term Society Executive Committee meeting was very productive. One of the more informative parts of the meeting was the opportunity to talk to other division presidents. Not surprisingly, their problems and concerns are very similar to ours—except they have more adequate operating funds! Incidentally, we expect the financial situation of the Western Division to vastly improve in the near future. Arrangements have been completed for publication of the Acquisition and Utilization of Aquatic Inventory Information Symposium held last October. If the demand for this publication is as large as we expect, the Western Division should be solvent for the first time in its history. Neil Armantrout

is editing the proceedings which will be published by October 1982.

Elsewhere in this newsletter is the program for this year's annual meeting which will be held in Las Vegas, Nevada, July 19-22. I want to compliment Don Duff on organizing such an outstanding and timely group of papers. I also want to thank the Nevada Department of Wildlife staff (Joe Greenly and Jack Dieringer, in particular) for the tremendous amount of cooperation they have given us. I hope that you will be able to attend, while at the meeting, I encourage you to participate in the executive committee (July 19) and business (July 21) meetings. This is your chance to have input into future Western Division activities and to become better informed on how the division and Society operate.

As my term as president draws to a close, I want to thank you for your support and the opportunity to direct the activities of the division during the past year. It has been an enjoyable and

*Continued to page 6*

## Fish and Wildlife Service Budget

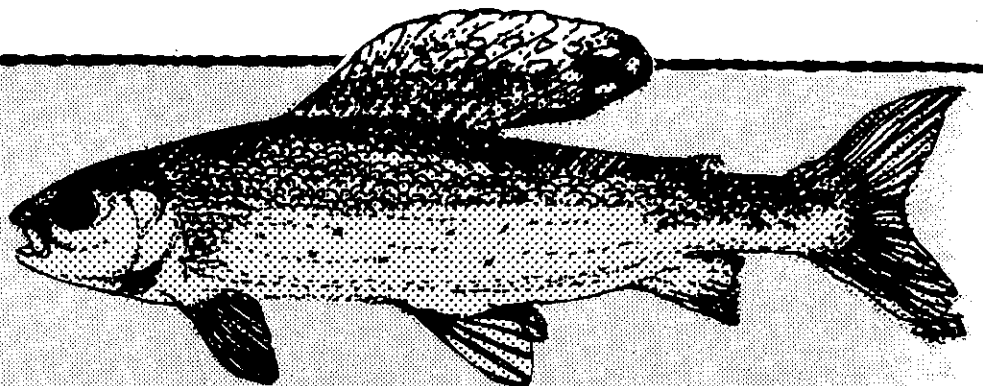
AFS testimony on the 1983 fish and wildlife service budget was prepared and presented to the House Appropriations Committee on Tuesday, March 2. The basic pitch was that for too long fisheries resources have been bearing a disproportionate share of budget cuts. Within the present budget it was urged that the following changes be made:

1. \$4,444,000 for Coop Research Units
  2. 1,150,000 for reservoir research
  3. 576,000 to study impacts of agricultural chemicals and environmental contaminants
  4. 1,000,000 for expansion of aquacultural activities
  5. 200,000 for investigation and registration of fish toxicants
  6. 1,800,000 for only half the proposed hatchery closures
- \$9,170,000 Total increase in fisheries resource budget

Copies of the AFS testimony are currently being circulated within legislative and fisheries circles.

# THE TRIBUTARY

A NEWSLETTER OF THE  
WESTERN DIVISION,  
AMERICAN FISHERIES SOCIETY  
VOL. 7, NO. 3  
JUNE 1982



## Election Candidates

### CLAIR STALNAKER—President-Elect

Clair is leader of the Instream Flow and Aquatic Systems Group, U.S. Fish and Wildlife Service, Fort Collins, Colorado. He received a B.S. degree from West Virginia University and a Ph.D. in animal ecology from North Carolina State University. Since joining the U.S. Fish and Wildlife Service in 1966, he has been involved with research and graduate teaching in the areas of fish physiology and genetics, fish population dynamics, stream habitat evaluations, water resource management and administration. He has served on numerous interdisciplinary committees and task forces related to fisheries/water planning and management.

He has had positions of Assistant Unit Leader, Utah Cooperative Fishery Research Unit; Fishery Research Biologist, Office of Biological Services; Staff Specialist, Fisheries Research, Division of Federal Aid in the Denver Regional Office and assumed his present position as leader of the Instream Flow Group in July, 1976.

He has been a member of the AFS since 1966 and has been active in various committees in the Bonneville Chapter, the Colorado/Wyoming Chapter and in the Western Division. During the period of 1973 through 1976, he served as Bonneville Chapter Executive Committee member; President Elect and President. He was a member of the Organization and Steering Committee for the Symposium and Specialty Conference on Instream Flow Needs and served as a member of the Water Development and Stream Flow Committee for the Western Division and the Stream Habitat Awards Committee of the Colorado/Wyoming Chapter. His present work involves interagency coordination in water resource evaluations as it relates to fish habitat, instream flow requirements, and the synthesis of tools to facilitate such evaluations.

### STAN MOBERLY—President Elect

Stan was raised in Western Kansas; however, Juneau, Alaska has been his home since 1970. He became an AFS member in 1964 and is a Certified Fisheries Scientist. He holds a Bachelor of Science degree in fisheries from Kansas State University. He has worked for the Kansas Game Commission (1964) and Nebraska Game and Parks Commission (1965-1970).

In 1970 he became a project leader for herring research for the Alaska Department of Fish and Game and is known for his contributions on the hydro-acoustical assessments of herring stocks in Alaska. In 1975 he was promoted to a regional program manager with the Fisheries Rehabilitation, Enhancement and Development Division. His review and documentation of the Japanese salmon hatchery system in 1976 is the most comprehensive review ever conducted and stands as a landmark for reference. In 1980 he was promoted to special assistant to the Commissioner for External Affairs. In this capacity he is involved in international and intergovernmental affairs for Alaska.

Stan has been actively involved in the American Fisheries Society, serving on numerous committees and assisting with Society

business. He has been a frequent contributor on the programs of the Western Division and International. He has served on the membership committee 1980-81; professional certification committee 1980-81; Western Division membership committee 1980-81; fish culture section membership 1979-81; president-elect Alaska Chapter 1979 and president 1980; executive committee 1981; chapter membership chairman 1980-82; chairman for the Western Division membership 1980-82; co-program chairman for the Western Division conference in 1981; chairman of the working capital fund for the Parent Society 1981-82; member of the Ad-Hoc time and place committee; and member of the time and place committee for the International Association Fish and Wildlife Agencies. In this capacity, he is working to resolve the differences in scheduling the joint annual conference of AFS and the International Association.

Stan received the Society's distinguished service award in September 1981 for his efforts in organizing the bio-engineering section and increasing Society membership as well as numerous other Society functions.

### TOM JACKSON—Secretary-Treasurer

Tom is a Fishery Research Biologist in Denver, Colorado, employed by the U.S. Fish and Wildlife Service as leader of the Denver Field Lab of the Columbia National Fishery Research Laboratory. He received a B.S. in Zoology from Brigham Young University, an M.S. in Fishery Science from Colorado State University, and is completing his Ph.D. in Fishery Science from Cornell University.

Since joining the Fish and Wildlife Service in 1977, he has been actively researching aquatic pest management and fish and wildlife habitats in relation to western irrigation systems and recently organized and chaired a symposium on the aquatic plant management potential of hybrid grass carp at the AFS annual meetings in Albuquerque. He is also a member of two federal-state interagency teams in California organized to examine irrigation system aquatic plant control methods and a multi-agency team in Colorado evaluating fish and wildlife resources associated with irrigation canals.

He joined AFS in 1971 as a member of the Colorado State University Chapter and served on the student affairs committee of the Parent Society from 1972-1974. From 1975 to 1977 he was an active member of the New York Chapter and in 1977 returned to Colorado and became a member of the Western Division riparian habitat committee. From 1979 to the present, he has served as Colorado/Wyoming Chapter secretary/treasurer, vice president, and president, in sequence, and will serve as past president in 1982.

### NEIL ARMANTROUT—Secretary-Treasurer

Neil is presently the State Fishery Biologist with the Bureau of Land Management in Portland, Oregon. He received his college training at Oregon State University, being awarded a B.S. in zoology, an M.S. in General Science, and a Ph.D. in Fisheries. Prior to assuming his present position, Neil worked for BLM in the Moab District, Utah and the Ukiah District, California. He has also worked for the Washington State Department of Fisheries, the Wallamette National Forest in Oregon, and has taught at Pahlevi University, Shiraz, Iran as a Peace Corps Volunteer. While in Iran, Neil worked on fishery resources in the Caspian Sea and the Persian Gulf and assisted the Game and Fish Council of Iran in developing a freshwater management program and management plan for Caspian salmon.

Neil has been a member of AFS since 1971. He has served AFS as endangered species committee, basin coordinator, Bonneville chapter; information and education committee chairman, Oregon chapter; endangered species committee, Western Division; and the endangered species committee of the Parent Society. Neil helped organize and chaired the recent Symposium on Acquisi-

## Where Do AFS Members Work

Our best estimate is that:

States and Provinces employ:	35%
U.S. and Canadian governments employ:	27%
Private employment amounts to:	20%
Academic employment equals:	15%
Retired members account for:	3%

# Annual Meeting

The annual meeting of the Western Division will be held July 20-22 at the Tropicana Hotel, Las Vegas, Nevada. The conference theme is "The Allocation of Natural Resources on Public Lands; the Challenge of the 80's." Rooms must be reserved prior to June 18 to assure accommodations. Room costs are \$45.00 per night for a single or a double; a triple is \$5.00 extra. Please notify the Tropicana Hotel and Country Club, P.O. Box 14460, Las Vegas, Nevada 89114.

## Preliminary Program

### Tuesday, July 20 General Session

- 8:30 a.m. Call to Order, President, WAFWA  
9:00 a.m. Welcome to Nevada, Governor List  
9:15 a.m. Presidents' Remarks  
Joe Greenley, Western Association of Fish & Wildlife Agencies  
Robert White, Western Division, American Fisheries Society  
9:45 a.m. Keynote Address  
10:15 a.m. Panel - New and Proposed Federal Policies for the Management of Public Lands, Waters, Fish and Wildlife.  
Moderator: Jack Grieb, Director, Colorado Division of Wildlife  
R. Max Peterson, Chief, U.S. Forest Service  
Delmar Vail, Deputy Director for Lands and Renewable Resources, Bureau of Land Management  
William G. Gordon, Asst. Administrator for Fisheries National Oceanic & Atmospheric Administration  
Robert Broadbent, Commissioner, Bureau of Reclamation  
Robert A. Jantzen, Director, U.S. Fish & Wildlife Service.

### Fisheries Technical Session #1

- 1:15-3:00 p.m. Panel - The Endangered Species Act and Its Implications to Fish and Wildlife Management  
Moderator: E.P. Pister, California Department of Fish & Game, Bishop, CA  
3:00-3:15 p.m. B r e a k  
3:15-5:00 p.m. Culturing and Management of Threatened and Endangered Species  
Moderator: Dr. John Rinne, U.S. Forest Service, Rocky Mountain Forest & Range Experiment Station, Tempe, AZ  
Spawning and Rearing Razorback Suckers on a Production Basis.  
Theophilis Inslee, U.S. Fish & Wildlife Service, Dexter, New Mexico  
Operational Management of the World's First Endangered Fish Rearing Facility  
Buddy Jensen, U.S. Fish & Wildlife Service, Dexter, New Mexico  
Politics of Maintaining an Endangered Fish Rearing Facility  
Dr. James E. Johnson, U.S. Fish & Wildlife Service, Albuquerque, New Mexico  
Culturing Arizona Native Trout, *Salmo apache*  
Roger Sorenson, Arizona Game & Fish Department, Page Springs, AZ

The Possibility of Losing the Ash Meadow Ecosystem  
Don Sada, U.S. Fish & Wildlife Service, Reno, Nevada

### Fisheries Technical Session #2

- 3:15-5:00 p.m. Marine Fisheries Panel - "Resource Data-Ammunition for the Political Gun"  
Moderator: Stan A. Moberly, Special Assistant to the Commissioner for External Affairs, Alaska Department of Fish & Game, Juneau  
Panel Members: Clem Tillion, Chairman of the North Pacific Fisheries Management Council, Director of International Fisheries of Alaska

### Land Resources Technical Session #1

- 1:00-5:00 p.m. Making Livestock, Fish and Wildlife Management Compatible on Public Lands  
Moderator: Dr. Lew Nelson, University of Idaho  
Riparian Habitat Best Management Practices  
Gordon Haugen, WDAFS, Oregon

### Land Resources Technical Session #2

- 1:00-5:00 p.m. Making Energy Development, Mineral Extraction and Wildlife Management Compatible on Public Lands  
Moderator: Darrell Nish, Utah Division of Wildlife Resources  
Mining and Fisheries Habitat Best Management Practices  
Jack Lynn, CDFE-member, WDAFS

### Law Enforcement Technical Session

- 1:00-5:00 p.m. Moderator:

### Wednesday, July 21 General Session

- 9:00 a.m. Panel - A Response to New and Proposed Federal Policies for the Management of Public Lands, Waters, Fish and Wildlife  
Moderator: Don Robinson, Director, Fish & Wildlife Branch, British Columbia  
Dr. Jay D. Hair, Executive Vice President, National Wildlife Federation  
Carl R. Sullivan, Executive Director, American Fisheries Society  
Daniel A. Poole, President, Wildlife Management Institute  
Joe Fontaine, Immediate Past President, Sierra Club  
10:30 a.m. Panel - Political Activism - A Wildlife Commissioners Responsibility?  
Moderator: Frank R. Lockard, Director, Washington Dept. of Game  
Edward Moriarity, Game & Fish Commissioner, Wyoming  
John H. Sweetland, Wildlife Commissioner, Nevada  
Frances W. Werner, Game & Fish Commissioner, Arizona  
L. Sam Skaggs, Wildlife Board Member, Utah

### Fisheries Technical Session #3

- 1:00-3:00 p.m. Game and Nongame Fisheries Management  
Moderator: Ron Goede, Utah Division of Wildlife Resources

Mospholine Imprinting of Chinook and Coho Salmon in an Anadromous Fish Hatchery

Thomas J. Hassler, California Cooperative Fishery Research Unit, Fish & Wildlife Service, Humboldt State University, Arcata, California

Comparative Diets of Planted Rainbow Trout and Speckled Dace in a Prairie Impoundment in North Central Idaho

James H. Johnson, Nez Perce Tribe of Idaho, Lapwai, Idaho

Status and Ecology of the Shoshone Sculpin  
D.M. Daley, J. Griffith, and G.B. Beckman, Idaho State University, Pocatello, Idaho, and R.L. Wallace and P.J. Connolly, University of Idaho, Moscow, Idaho

#### Fisheries Technical Session #4

- 1:00-3:00 p.m. Aquatic Habitat Management  
Moderator: Neil Armantrout, U.S. Bureau of Land Management, Portland, Oregon
- Streambank Stabilization Techniques  
David W. Patterson, U.S. Soil Conservation Service, Red Bluff, CA
- Comparative Effects of Sheep and Cattle Grazing on an Anadromous Fish Stream in Central Idaho  
Bruce May, U.S. Forest Service, Salmon National Forest, Salmon, Idaho
- Reestablishment of Fish and Aquatic Invertebrate Populations in a Stream Severely Impacted by Acid Mine Drainage  
Dudley Reiser and Mary Vitter, Camp Dresser and McKee, Inc., and Jeff Todd, AMAX Inc., Colorado
- Fish Distribution in Relation to Habitat Components in Western Oregon  
Robert House and Neil Armantrout, U.S. Bureau of Land Management, Oregon
- Effects of Stream Channel Alterations on Aquatic Insect Communities  
Scott J. Reger, Arizona Game & Fish Department, Phoenix, AZ

#### Land Resources Technical Session #1 (cont'd from 7/20)

- 1:00-5:00 p.m. Making Livestock, Fish and Wildlife Management Compatible on Public Lands  
Moderator: Dr. Jim Peek, University of Idaho
- Livestock Grazing and Fisheries Best Management Practices  
Bill Platts, WDAFS

#### Land Resources Technical Session #3

- 1:00-5:00 p.m. Making Timber, Fish and Wildlife Management Compatible on Public Lands  
Moderator: Hal Salwasser, U.S. Forest Service, Tahoe National Forest
- Timber and Fisheries Best Management Practices  
Mary Bacon, WDAFS

#### Conservation Education Technical Session

- 1:00-5:00 p.m. Dave Rice

Thursday, July 22

#### Fisheries Technical Session #5

- 8:00-10:00 a.m. Energy Developments and Fisheries Management; Low Head Hydroelectric Projects  
Moderator: John Turner, California Department of Fish & Game, Sacramento, CA
- Some Effects of Power Peaking on Fish in the Hanford Reach of the Columbia River  
Dale Becker, Battelle Pacific NW Laboratories, Richland, Washington
- 10:00-10:15 a.m. Break
- 10:15-12:00 noon Geothermal, Fossil Fuel and Related Energy Project Impacts  
Moderator: Dr. C. Dale Becker, Battelle Pacific NW Laboratories

#### Wildlife Technical Session

- 8:00-12:00 noon Moderator: Norman V. Hancock, Chief of Game, Utah Division of Wildlife Resources
- Impact of Hunting Antelope During the Rut  
Bob Autenrieth, Idaho Department of Fish and Game
- Mule Deer Hunting Under a Statewide Quota System  
Mike Hess, Nevada Department of Wildlife
- Scent Station Location Affect on Estimating Black Bear Abundance  
Albert L. LeCount, Arizona Game and Fish Department

#### Fisheries Field Tours

- 1:00-5:00 p.m. 1. Ash Meadows - Threatened and Endangered Species  
2. Boulder Dam and Lake - Fisheries Management

### Conference Advance Registration

Name (Please print or type): \_\_\_\_\_

Street: \_\_\_\_\_ City: \_\_\_\_\_

State or Province: \_\_\_\_\_

Zip Code \_\_\_\_\_ Phone: ( ) \_\_\_\_\_

Position or Organization: \_\_\_\_\_

Check affiliation: WAFWA \_\_\_\_\_ WDAFS \_\_\_\_\_

I will ( ) will not be ( ) accompanied by spouse.

Joint WAFWA-WDAFS registration fee:  
\$20.00 (after July 1 - \$25.00) \$ \_\_\_\_\_  
(Spouses and children free)

WDAFS fee: \$5.00 \$ \_\_\_\_\_

Hoover Dam Tour: \_\_\_\_\_

Lake Mead Cruise: \_\_\_\_\_  
(Spouses and Children only) \$24.35 ea. \$ \_\_\_\_\_

Barbeque - July 20 (6:30-9:30 p.m.) \$17.50 ea. \$ \_\_\_\_\_

Banquet - July 21 (7:00-9:00 p.m.) \$15.00 ea. \$ \_\_\_\_\_

Total Check: \$ \_\_\_\_\_

Make checks payable to Western Association 1982 Conference Fund. Mail with completed form to: Nevada Department of Wildlife, P.O. Box 10678, Reno, NV 89520, before July 1, 1982.

This is *not* your hotel reservation. Make your arrangement separately with the Tropicana Hotel.

tion and Utilization of Aquatic Habitat Inventory Information held in Portland, Oregon.

**AL ELSER—National Nominating Committee**

Al is currently Regional Fisheries Manager with the Montana Department of Fish, Wildlife and Parks at Miles City. He received a B.S. in Fisheries Science from Colorado State University and an M.S. in Fish and Wildlife Management from Montana State University. Activities with the Montana Chapter have included: president, president-elect, secretary-treasurer (two terms) and several committee assignments. He has also served on the arrangements committee for the National in 1979 and the Western Division in 1980; endangered species committee, National 1980,

Western Division 1980 and 1981; Western Division nominating committee 1979 and fish management section nominating committee 1982. Al is a former president of the Great Plains Fishery Workers.

**STAN SMITH—National Nominating Committee**

Stan presently works for the U.S. Fish and Wildlife Service in Nordland, Washington where he oversees the operation of the SNFRC Marrowstone Field Station. He received both his B.A. and M.A. in Marine Biology from San Francisco State University. He is currently conducting research to evaluate various types of stress on salmonid smoltification.

Stan is a member of the North Pacific International Chapter of the AFS and served as its secretary/treasurer in both 1979 and 1981.

**Western Division  
American Fisheries Society  
Official Ballot 1982-1983**

**President-Elect:**

- \_\_\_\_\_ Stan Moberly
- \_\_\_\_\_ Clair Stalnaker

**Secretary Treasurer:**

- \_\_\_\_\_ Neil Armantrout
- \_\_\_\_\_ Tom Jackson

**Representative to Parent  
Society Nominating Committee:**

- \_\_\_\_\_ Al Elser
- \_\_\_\_\_ Stan Smith

RETURN BALLOTS BY JUNE 30 TO: Gordon Haugen, Nominating Committee, 21543 S.W. 98th, Tualatin, OR 97062.

Please also take the time to send suggestions for changes in direction or activities of the Western Division or any other areas of special concern.

NAME: \_\_\_\_\_

**Opportunities to  
Participate in Western  
Division Activities**

Please indicate if you would be willing to participate. These forms will be given to president elect Don Duff to help him organize the standing committee.

- |                          |                        |
|--------------------------|------------------------|
| _____ Resolutions        | _____ Newsletter       |
| _____ Riparian Habitat   | _____ Membership       |
| _____ Endangered Species | _____ Nominating       |
| _____ Student Concerns   | _____ Marine Fisheries |
| _____ Awards             | _____ Audit            |
| _____ Public Lands       |                        |

**Larval Fish Conference**

The Seventh Annual Larval Fish Conference is scheduled for 16-19 of January 1983 at Colorado State University. For further information contact David E. Snyder, Larval Fish Laboratory, Colorado State University, Fort Collins, Colorado 80523.

**Micro-Hydro Projects**

"Think of the fish when planning small hydro projects" is the title of a recently published Oregon AFS Chapter flier. Other chapters might make a significant fisheries resource contribution by producing a similar document for their state. Small hydro projects are proliferating everywhere and fisheries resources are threatened in many instances. This is a subject that deserves our close attention.

**AFS Belt Buckle**

The Western Division is sponsoring the manufacturing of an AFS belt buckle; these will be available for purchase at both the Western Division and Parent Society meetings. A portion of the proceedings will go towards purchasing permanent floor space for the central AFS office in Washington D.C. The remaining funds will go to the Western Division and to the chapters selling the buckles.

**Section 404 Permit  
Change Proposed**

Objections to the Corps of Engineers proposed changes in the Section 404 permitting system have been registered by AFS and nine other conservation groups. The consensus is that the proposed changes are inconsistent with all records and experiences in handling dredge-and-fill permits. Vice President George Bush has been advised of our views. The 404 permit system is the only national program for helping maintain the integrity of U.S. waters and wetlands for the perpetuation of fish and wildlife. Let's make sure our Congressmen know how we feel.

**Grazing on the Sawtooth**

A second tour of grazing leases on the Sawtooth National Recreation Area in Idaho is being organized with the U.S. Forest Service. AFS, through its Western Division, organized a similar visit in 1980 and drew attention to some flagrant riparian abuses from excessive livestock grazing. The 1982 visit (probably in September) will be for the purpose of measuring the improvement. Early indications are that there has been little, if any, change. AFS intends to press harder in its efforts to gain grazing reform on public lands.

Continued from page 1

rewarding experience and has strengthened my appreciation of our Society and its members. I want to thank division officers, committee persons and all others who contributed their time and talents. Without your help, little would have been accomplished. Please continue your active participation by supporting incoming President Don Duff during his term of office and don't forget to VOTE. —*Bob White, President, Western Division.*

## Publications

### Acid Rain Bibliography

A collection of over 4,000 documents dealing with every topic related to acidic deposition has been assembled at the Environmental Research Laboratory/Corvallis. A complete alphabetical list of all collected titles/citations (most with abstracts) and an index of all authors is available on microfiche free of charge. The entire database is stored on computer. This can be searched by the public or by a specialist on a user fee basis. The bibliography is also available in a velobound double volume of 1110 pages at its production cost of \$71.70 or a shorter version (no abstracts, 563 pages) at a cost of \$36.81.

For further information, or copies of the free microfiche contact: Danny L. Rambo, Scientist, Northrop Services, Inc., 200 SW 35th St., Corvallis, Oregon 97333, telephone (503) 757-4695.

### Guide to Cypriniform Fish Larvae

"Contribution to a Guide to the Cypriniform Fish Larvae of the Upper Colorado River System in Colorado" by Darrel Snyder of the Larval Fish Laboratory of Colorado State University was published in December of 1981 by the Colorado State Office of

the U.S. Bureau of Land Management. This interim publication is intended to provide biologists with the information that has been developed or obtained thus far toward a guide that is still a few years from completion, assuming funds become available to complete it.

## Editor's Note

Many of you may be interested to know that the new format for the newsletter was possible at little additional cost. The new title "The Tributary" is temporary and we hope to discuss the possibility of a newsletter-naming contest at the executive committee meeting this summer. At any rate, I would welcome any suggestions for a permanent new title.

During the next year it is my goal to utilize the newsletter to improve membership perception of aquatic resource issues that are important to individual chapters. I will be working with the new President, Don Duff, to try and establish newsletter committee members in each of the chapters. Their responsibility will be to provide me with newsworthy information at the chapter level. If you are interested in serving on the newsletter committee be sure and indicate as such on the form provided on the election ballot. You might also be interested to know that we now have the capability to publish black and white photographs; space for photographs is actually cheaper than type set. I would welcome photographs for use in future newsletters.

I think we all owe a great deal of thanks to Bob White for all of his hard work on behalf of the Western Division. Few people realize the commitment of time required to serve as division president. Additionally, I sincerely hope that everyone will offer their help and support to Don Duff in the year to come. I hope to see many of you at the meeting in July. —*Glenn Phillips, Editor*

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## The Tributary

c/o Glenn Phillips  
5522 Canyon Court  
Helena, MT 59601

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