



A Newsletter of the Western Division, American Fisheries Society

Volume 20, No. 3 October 1995

The Tributary

PRESIDENT'S CORNER

Dennis P. Lee

The past year was highlighted by many achievements of Western Division Chapters under the leadership of Carl Burger. The 1995 WDAFS Annual Meeting was a great success and I received numerous compliments regarding the meeting. Technical Session Chair Kevin Christopherson and Local Arrangements Committee Chair Leo Lentsch and all the members of their committees worked hard to put together an excellent informative meeting. The first WDAFS Graduate Student Scholarship awards were presented at the Awards Dinner by Carl Burger. This effort represents a major contribution by the Division towards fulfilling Society goals.

During the past year the Oregon Chapter again demonstrated their dedication to advocacy and fisheries science by winning the Society "Chapter of the Year" Award. Special recognition and congratulations to the Oregon Chapter members is in order. Additionally, two Western Division members received international recognition at the Society meeting in Tampa, Florida. Phil Pister was awarded the Carl Sullivan Award and Past WDAFS Treasurer Christine Moffitt received special recognition for her contributions in fisheries. During the past year many Western Division Chapters continue to be active and their efforts were summarized by Carl in the Division's Annual Report and noted by Society President Lee Redmond.

The AFS 125th Annual Meeting in Tampa, Florida, was attended by myself and other WDAFS and Chapter Officers. AFS President Jack Wingate presented his 1996 Annual Program of Work that will involve contributions from several WDAFS Chapters. It is my intention as WDAFS President to help facilitate these actions. The Society also emphasized involvement in AFS 2000 and I hope all of you have had the opportunity to review the Society's informative leaflet on the subject. Your support will insure continuation of the AFS mission.

During my term I hope to accomplish several objectives. These include the development of a draft procedure manual for WDAFS including an update and revision of our by-laws. Dennis Tol has worked very hard this past year through his Resolutions Committee and I hope to incorporate his efforts and suggestions. Domestic livestock grazing on public lands continues to be an important Western issue that needs continued attention and I am hopeful we can see some resolve. Also, issues dealing with stocks at risk, including both sport and commercially important species in addition to native nongame species, continues to need our involvement. I intend to continue Carl's efforts to improve and enhance communication within the WDAFS and look forward to a challenging and rewarding year.

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SOCIETY NEWS

ALERT!

First Call for Papers - 1996 Western Division Annual Meeting - Eugene, Oregon.

Make plans now to meet with your western colleagues in Eugene 14-18 July 1996. The meeting theme is "Regional Status and Trends in Fish Biodiversity." Scheduled plenary session talks on underlying issues in assessing and managing biodiversity include:

Peter Moyle - "The Importance of Biodiversity"
Dan Bottom - "Effects of Climate and Oceanic Patterns on Salmonids"
Gerry Smith - "Effect of Climate Change on Fish Species Richness"

Al Tyler - "Biological and Socioeconomic Effects of Groundfish Harvest"

Kirk Winemiller - "Life History Strategies & Responses to Disturbances"

Rick Mayden - "Metapopulations & Biodiversity Assessment & Management"

Ray Hilborn - "Statistics & Precautionary Biodiversity Management"

Special sessions on regional status and trends are being organized by:

Bob Gresswell

Pat Higgins

Phil Pister

Dave Genter

Phil Bartholomew

Don Butth

Vidar Weststad

Brett Roper

Richard Gregory

vs. Preservation"

for 15 July.

We are preparing for an introductory hosted social, an evening poster-trade show, hosted social, and a barbeque/auction/raffle. The Oregon State University Department of Fisheries and Wildlife plans an alumni reception as well.

Eugene, OR is accessible from Interstate-5 and its airport is served by United, Delta, and Horizon airlines. July temperatures are typically in the 80's (days) and 60's (nights), with cool evening breezes and, occasionally, showers. There is whitewater rafting an hour away on the McKenzie River, with rentals and guides in Eugene and Corvallis. The new Oregon Coast Aquarium, an hour west in Newport, features Northwest marine life. Charter ocean fishing and miles of beaches are also available at the coast, and hiking, backpacking and mountaineering opportunities abound in the Cascades which are two hours east. Bring your family and combine an excellent program with a vacation!

If you have further questions about social activities, call Linda Prendergast (503-464-6490). For questions on the program, contact Bob Hughes (503-754-4516, email: hughes@mail.cor.ora.gov). Abstracts for poster and platform presentations are due 1 May, but proposals for special sessions are needed by early December. (See more Society news, pages 2-4)

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The editor is Greg Kindschi.

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Submissions for the next issue of The Tributary are due by December 15, 1995

ANNUAL MEETING REPORT

1994-95 ANNUAL REPORT

By Carl V. Burger,
Immediate Past-President

First, I want to express my sincere thanks for the tremendous support I received this year from the EXCOM and membership--in my opinion this was one of the Division's most successful years ever. There were numerous individual, committee, and subunit accomplishments, as summarized below. We were honored to have several Society representatives attend our Park City Meeting this year: Executive Director Brouha, President Redmond, President-Elect Wingate, Pam McClelland and Dale Burkett. They were favorably impressed with our successes in the areas of public outreach and education, legislative activities, and stock-at-risk-type endeavors. (They were also quite impressed with the quality of the program and with the accommodations provided by the host Bonneville Chapter at our recent Annual Meeting!) When I was asked by Jack Wingate in Park City to provide him with complete copies of your Chapter and Committee reports, the message I got was that we remain the example for our Society's other subunits to follow. Your joint efforts are the reason that we achieved so much and I know we'll keep this momentum right through Dennis Lee's Presidency. It was a pleasure to have worked with all of you.

In looking back, our Western Division team effort can also count some notable accomplishments as well as several "firsts". Over and above the usual high level of involvement by our subunits in Society affairs, our achievements at the Division level include:

1. a mechanism for the Division's first-ever graduate student scholarship(s);
2. a travel stipend for undergraduate Native American/First Nation students to attend Division meetings;
3. teleconferencing to improve our communications;
4. some suggestions to improve the structure and functioning of our Committees;
5. a mechanism for an annual "Chapter Exchange"; and
6. an Archivist (Ms. Venice Beske of the Colorado/Wyoming Chapter) to record it all!

Will be chairing the Division's Awards and Nominations Committees during the coming year. Please contact me with your thoughts on appropriate candidates for office and with names of individuals deserving of Division recognition.

Division Highlights

The Western Division's Annual Meeting was held in Park City, Utah, from July 16-19, 1995. The theme of the meeting was "Practical Applications of Ecosystem Management". President-Elect Dennis Lee and our Arrangements (Leo Lentsch) and Program (Kevin Christopherson) chairs from the host Bonneville Chapter organized several outstanding technical sessions and some exceptional entertainment that occurred at the Olympia Park Hotel in Park City. A leadership retreat was held on July 15, followed by an EXCOM pre-business meeting on the 16th. The Annual Meeting opened on July 17 with an address from President Redmond, followed by a lively plenary session (organized by Dennis Lee) featuring Phil Pister's perspectives on ecosystem management. Other speakers at the Plenary Session included Dennis Fenn, Harv Forsgren, Pat Marley and Cindy Deacon Williams. Thanks to the diligent efforts of Jim Martin, a stimulating Point/Counterpoint Debate addressed the question: "Is it appropriate to jeopardize ecosystem integrity to achieve fishery management?" At the business meeting, the Division voted to hold its 1997 Annual Meeting in conjunction with that of our Parent Society to be held during August of that year in Monterey, California. Also approved was a budget that contained provisions for financial assistance for outreach projects by two chapters (see below).

A "Chapter Exchange" was conducted as a separate evening session at the Park City Annual Meeting. This approach was a first for the Division and it provided a relaxed forum for chapter presidents to give their subunit's report, as well as an opportunity for exchange of ideas and information. Several of the chapter representatives accentuated their presentations with slides depicting specific resource problems and major Chapter accomplishments. Originally suggested by Gordon Sloane (CO/WY Chapter President), exchange sessions with slide presentations appear to be a great way for consensus building among chapters.

A series of teleconferences was conducted by Division President Carl Burger with chapter presidents and committee chairs throughout the year, to increase com-

munications among Division subunits. The response from the subunit leaders was extremely positive -- participants felt that the conferences accomplished the goal of bringing us together as a cohesive unit.

The Division approved requests for funding from two chapters for outreach projects. The Humboldt Chapter was provided with \$1,300 for a Chapter education program targeting elementary students. The Montana Chapter was provided with \$2,000 to produce a symposium designed to improve our public outreach skills with media representatives and with elementary students. The symposium is subtitled "How do we make fish as popular as dinosaurs?" Scheduled for June 26-29 (1996) in Bozeman, the Montana Chapter's public outreach symposium is national in scope and will provide training for educators and professionals throughout our Society's subunits. Contact: John Fraley-(406) 752-5501.

The cost of AFS membership is of concern to some Division subunits, particularly in regards to "entry-level" members in some of the western states. An "Associate Member" category (half-price dues) was a point of discussion at our EXCOM Meeting in Park City. President Redmond indicated his willingness to relay the concerns of some of the Western Division chapters to the Society's Membership Concerns Committee in Tampa. These concerns were also identified in the report by our Membership Committee Chair, Tom Nessler.

Though the hard work and assistance of Dennis Tol (Resolutions Chair), the Division reviewed its present committee structure. Dennis polled all Division subunit leaders to determine the effectiveness and need of each Division committee. At our EXCOM Meeting in Park City, consensus was reached to accept Chairman Tol's recommendations, one of which is to have the Division's Vice President serve as the coordinator and steward for all of our committees. This and other changes will be addressed in an upcoming bylaws revision that is being initiated by Dennis Tol.

The Division's Environmental Concerns Chair (Mike Ward) is considering several alternatives in developing a water quantity position statement based on that originally developed by the Idaho Chapter.

The Division agreed to support, in principle, the proposed "Sustainable Fisheries Strategy" for Pacific salmon and steelhead populations. The symposium and strategy development is scheduled for late April, 1996 in Victoria, BC. The symposium's Steering Committee is in place and is finalizing plans for the meeting. The project's goal is to bring various agency decisionmakers (from Canada, the U.S., and states) together with scientists and user groups in an effort to develop a strategy to reverse resource declines. Contact: Don MacDonald (604) 722-3631.

With the help of AFS staff, information was sent to all subunits urging members to contact their legislators regarding Reauthorization of the Endangered Species Act, Clean Water Act, and a grazing bill proposed by Senator Dominici that would threaten western fishery resources.

The 1996 Annual Meeting of the Western Division will occur in Eugene, Oregon, during July. The Oregon Chapter has graciously agreed to host the meeting.

Chapter Reports

Alaska (Kate Wedemeyer, President; Dana Schmidt as of 11/95): Carl Burger attended the 21st Alaska Chapter Meeting held in Sitka from November 14-17, 1994. The theme of the meeting was "Coming of Age, 1973-1994: A Blend of Science and Advocacy." The value of fishery enhancement programs was the topic of keynote addresses provided by Ray Hilborn (University of Washington) and Ted Parry (Canadian Department of Fisheries and Oceans). Hilborn also conducted a continuing education class at the meeting. Technical sessions were held on salmon wildstock management, Southeast Alaska fisheries allocation, aquaculture, and international fisheries. A panel discussion was convened on advocacy and the Chapter recently drafted its new advocacy procedures. The stocks at risk undertaking is now limited to those occurring in Southeast Alaska. Work continues on an 1100-page key to the fishes of Alaska. Publication of three symposia (Arctic Fish Ecology, Oilspill, and Habitat Restoration) are in various stages of completion. The Chapter's next Annual Meeting is set for Wasilla during mid-November.

Arizona/New Mexico (Past President, Tom Cain; Ernie Jaquez, President): The Arizona/New Mexico Chapter held their Annual Meeting in Gallup, New Mexico, from February 9-11. Division President Carl Burger attended and addressed the group on behalf of

Executive Director Brouha and AFS President Redmond. The theme of the meeting was "Monitoring Resource Management Actions: Design and Effectiveness." Jack Kelly and Jerry Burton organized a one-day workshop on fish tagging techniques that, as usual, proved exceptionally popular among the attendees. This Chapter has tripled its membership over the last couple of years and has been very active in the legislative arena. The Chapter's EXCOM commented on an EIS for Glen Canyon Dam and was involved in commenting on the relicensing of a hydroelectric project in Arizona. The Chapter passed two resolutions, one concerning Game and Fish Commission statutes and another regarding the distribution of State Heritage Funds that are dedicated to threatened and endangered species. The Chapter was commended for hosting last year's Western Division Annual Meeting.

Bonneville (Past President, Leo Lentsch; Kevin Christopherson, President): The Chapter postponed its Annual Meeting this year in order to devote full attention to hosting the Western Division Annual Meeting in Park City, Utah, July 16-19. Chapter President Leo Lentsch served as Arrangements Chair for the Division Meeting while Bonneville Chapter President-Elect Kevin Christopherson was Program Chair. The Division is indebted to the Bonneville Chapter members for the top-notch meeting they hosted in Park City. Numerous attendees commented on the superb facilities and on the quality of the program and activities. California/Nevada (Past President, Susan Ellis; Ed Bianchi, President): The California/Nevada Chapter held its Annual Conference and Business Meeting February 3-4 in Napa where the theme was "Consensus Building in Resource Management." Dennis Lee represented the Division. Also, Executive Director Brouha addressed the membership. A panel discussion introduced the attendees to various perspectives on consensus building and the technical sessions (interactive workshops on the ESA, key watersheds, and Delta issues) introduced case studies of consensus-building efforts from projects in marine, estuarine, and freshwater environments. Pam McClelland, Dale Burkett, and Ken Hashagen helped convene a workshop to highlight member interests and to develop an action agenda. Just prior to the meeting a watershed symposium focused on the Russian River. The Chapter was a co-petitioner for listing of three Southern California fishes and was active in corresponding with legislators regarding changes in State Code sections affecting non-point discharges. The Chapter and its Sacramento/Davis Subunit are working in partnership to sponsor activities to attract new members. Eight continuing education courses were conducted. This Chapter will be hosting the 127th Annual Meeting of AFS in Monterey during August, 1997.

Colorado/Wyoming (Past President, Bob McDowell; Gordon Sloane, President): The 30th Annual Meeting of the Colorado/Wyoming Chapter was held March 14-16 in Casper, Wyoming. The meeting's theme was "Back to Basics-Practical Applications of Fish Culture, Research and Management." The papers and excellent posters displayed at this meeting addressed basic fisheries tools and techniques relevant to the challenges of the profession. In addition, a continuing education workshop was held on GIS technology, supported largely via Chapter funds and at only minimal cost (\$10 per person) to members as an incentive for membership. The Colorado/Wyoming Chapter has been involved in a review of the Yellowstone cutthroat plan and in Idaho's request for assistance with its water quantity position statement. The Chapter voted to provide \$1,000 of financial assistance to support development of a technique for the detection of whirling disease from riverine samples.

Hawaii (Past President, Kimberly Lowe; Ken Leber, President): The Hawaii Chapter meets quarterly. One of this Chapter's most notable accomplishments was their sponsorship of a legislative workshop that highlighted how to access legislative information and how to draft and present testimony. The Hawaii Chapter was also successful in influencing the Hawaii Legislature in passing more effective regulations on inshore gillnetting. The Chapter plans to remain active in long-term gillnet management and in the area of exotic animal introductions. New legislative initiatives include measures to regulate introduced aquatic organisms and a recommendation for a new minimum size in the moi fishery. The Chapter plans to initiate projects on habitat conservation, sponsorship of a student symposium, and continuing education courses. The Chapter is tenta-

(Continued from page 1)

tively planning to co-host a "Fishermen's Forum" to involve various resource users in conservation issues similar to the Stream Restoration Symposium they sponsored last fall.

Humboldt (Past President, Mike McCain; Roger Barnhart, President): The Humboldt Chapter held its Annual Meeting at Humboldt State on April 22, 1995. The theme of the meeting was "Endangered Species Management with an Ecosystem Perspective." Dennis Lee represented the Division. The Chapter sponsored a "Smith River Fisheries Research and Management" colloquium last fall that disseminated current fishery information and allowed interagency and public involvement on research and management topics. A "Trinity River Restoration Program" was also held during March. A panel of specialists addressed past and planned instream, watershed, and hatchery projects under the Trinity Restoration Project, with responses intended to serve as input into development of an EIS. The Chapter is seeking support to upgrade its numerous education programs and outreach projects such as those centering on salmon adaptations and life cycles shown via slides at Humboldt County schools. The Humboldt Chapter underwrote grant proposals to the California Wildlife Conservation Board and two federal agencies in conjunction with fisheries education materials in local schools. The Chapter remains very active in the legislative arena, particularly in regards to non-point source pollution and in the area of steelhead status reviews. A video (shown in Park City) was recently completed that highlights the declines of Pacific salmonids and will be used in various outreach endeavors.

Idaho (Past President, Wayne Paradis; Dave Cross, President): The Idaho Chapter held its Annual Meeting March 16-18 in Boise where the theme was "Columbia Basin Ecosystem Management: Can It Work?" Chris Moffitt attended as Division Representative. Just prior to the Annual Meeting, the Chapter sponsored a Status Review Workshop that addressed the lists used by several fish and wildlife agencies to recognize certain fish species for special management consideration. The workshop proceedings are to be available as an action item, the Chapter has requested formation of a Division work group to draft a WDAFS Position Statement on water quantity in the western states. This

request was addressed by the Division's EXCOM at the Park City Meeting. The Chapter has been active in issues such as potential listing of the redband trout, a conservation strategy for bull trout, an EA for interim anadromous fish strategies, and a draft conservation strategy for Bonneville cutthroat. The Chapter also reviewed "IDAFISH", the Intermountain Forest Industry Association's alternative (Idaho-specific) to the agency-developed PACFISH approach, however, the Chapter could not support IDAFISH as presently proposed. The Chapter coordinated with the Montana and Oregon chapters in a peer review of a document on the historical trends of bull trout in western states. Finally, the Idaho Chapter completed an outreach project by developing a comprehensive and artistic poster on the rare, native fishes of Idaho and they completed a pamphlet on "Idaho's Bull Trout, A Species in Peril."

Montana (Past President, Jim Darling; Brad Shepard, President): The Montana Chapter held its Annual Meeting February 6-10 in Chico Hot Springs where the theme centered on policy, theory, and management strategies for conserving native fishes. The Chapter's Environmental Concerns Committee has recommended adjustments to the COE's Missouri River Master Water Control Manual to improve fisheries. The Chapter is compiling a list of streams in Montana that have fishes of special concern. Their Land Management Committee has commented on grazing allotments, timber sales, energy leases, national forest land trades, and channel reclamation projects. Their Species of Special Concern Committee is tracking a FERC review of Kerr Dam for effects on cutthroat and bull trout, as well as various listing petitions. Art Whitney (a Past AFS President) helped the Chapter track and influence four legislative issues, all having successful outcomes: fish transport regulations, private pond considerations, water leasing rights, and habitat restoration. An "aquatic box" was developed by the Chapter for use by teachers in Montana classrooms as a fisheries educational tool. The Chapter's Extension Education Committee is producing a poster on warmwater stream ecosystems for classroom use and they are preparing a national outreach symposium (June 26-29, 1996, in Bozeman) entitled "How Do We Make Fish as Popular as Dinosaurs?"

New Mexico State Student (Past President, Kevin

WDAFS Chapter Presidents listed

Due to popular demand the following list, of current WDAFS Chapter Presidents with their addresses and phone numbers, will become a regular addition to The Tributary. Because of space limitations all Chapter officers have not been listed. Please feel free to contact the following individuals to find out pertinent information concerning their Chapter. If you know of errors in this list please contact Greg Kindsch, newsletter editor (406-587-9265 ext. 124).

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Case; Shawn Denny, President): This subunit meets monthly on campus under the guidance of faculty members Colleen Caldwell and Paul Turner. The Chapter has been working closely with BLM to monitor a stream (Bonito Creek) near Lincoln, NM, and they have set up an Educational Committee to visit New Mexico schools to educate students about local fishes. Additionally, the Chapter is involved in managing an on-campus pond as an educational tool and they have helped a flyfishing association conduct clinics for grade school students.

North Pacific International (Past President, Bob Billy; Bryan Hebden, President): The North Pacific International Chapter held its Annual Meeting April 5-7 in Vancouver, British Columbia. The theme was "Public Participation in Fisheries Management: Plague or Panacea?" Carl Burger represented the Division. The Chapter's activities center on completing their "stocks at risk" endeavor. A database on over 8,000 salmonid populations was sent to numerous scientists and managers soliciting comments on database quality. Stock assessment will be completed in early spring with a preliminary report at the upcoming Chapter Meeting. A paper summarizing the Chapter's stocks at risk findings will be published in Fisheries later this year. The Chapter will likely play a major role in the Sustainable Fisheries Strategy for Pacific salmon and steelhead to be held this spring.

Oregon (Past President, Bob Hughes; Kirk Schroeder, President):

The Oregon Chapter won the Division and Society "Chapter of the Year" awards during 1994 and they repeated this feat again in 1995! This Chapter held its Annual Meeting February 15-17 in Ashland under the theme "Characterizing, Conserving, and Restoring Aquatic Biological Diversity." Dennis Lee attended on behalf of the Division. Also, Executive Director Brouha addressed the membership. In the legislative arena, the Oregon Chapter reviewed a document on riparian zone management as it regards the status and future of Oregon salmon (request from the Oregon Senate). Also, the Chapter testified at the Savage Rapids Dam hearings -- the Oregon Water Resources Commission subsequently voted for dam removal. The Oregon Chapter has sponsored numerous symposia and outreach projects. These include the Northwest Pacific Chinook and Coho Salmon Workshop (November 1994), a session at the Northwest Fish Culturists Conference (December 1994), a symposium on sustaining rangeland ecosystems, and an upcoming sea-run cutthroat trout symposium (October). The Oregon Chapter has submitted considerable testimony for ESA Reauthorization and they passed a resolution that allows their EXCOM to use litigation to pursue listing of Klamath Basin bull trout. The Chapter just dedicated up to \$2,000 annually for student scholarships and they printed over 2,500 "Stream Continuum" posters for distribution to schools.

Portland (Past President, Bob Ellis; Vic Kazinski, President): Historically, the Portland Chapter has hosted monthly luncheon meetings with invited presentations on a wide variety of fishery topics. Currently, bi-monthly meetings are being held to provide longer discussions and more opportunities for member input with abstracts published in the Chapter's newsletter. This year a day-long conference also was held (June 1) on topics ranging from endangered species to urban fishery issues, followed by an evening banquet. The Chapter is currently reviewing its bylaws. A new committee is addressing the general topic of professionalism in AFS.

Committee Reports

Bull Trout: This Committee will be conducting a review at the request of the State of Montana to evaluate Montana's proposed strategy for bull trout restoration. The Committee will likely also participate in requests from chapters for peer review of bull trout listing correspondence. Karen Pratt (Idaho) has agreed to become the new chair of this committee.

Environmental Concerns and Native Salmon Stocks: These two committees (Environmental Concerns Chair, Mike Ward; Native Salmon Stocks Chair, Pat Higgins) have teamed up to track current and upcoming fishery legislation and to develop a system to electronically link Division chapters and committees for fishery data and information updates. This project will strengthen AFS communication. Also, the Environmental Concerns Committee is attempting to determine the need for a Division water quantity position statement.

Historian: Chair Venice Beske is attempting to locate materials that are important for archiving the Division's

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Society News

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history. Her plan is to have an institutional history available for the Division's 50th Anniversary in 1998. Please contact her if you have any archival information on the Division. The Western Division appreciates Venice's willingness to fill this new position.

Native Peoples Fisheries and Equal Opportunity:

These two committees (NPPFC Chair, Kelly Meyer; EO Chair, Ken Haslgen) have also joined forces this year. They successfully developed a travel grant for Native American/First Nation students to attend Division meetings. The first award recipient (Josh Parker, Arizona) attended the Division's Annual Meeting at Park City.

Old Growth Forests: Chair David Fuller and the Old Growth Forests Committee just reviewed a draft EIS on the California Spotted Owl Management Plan and is preparing to review the Eastside Ecosystem Management Plan. The Committee will be tracking new legislation and gathering information for protection of the "Headwaters Forest", an area in northwestern California that provides old growth redwoods and important coho salmon habitat.

Resolutions: Chair Dennis Tol circulated a questionnaire to all Division officers and subunit leaders in an effort to re-evaluate the structure, function, and need for our Division's committees. The Division is proceeding based on the report's findings, as highlighted above. Dennis was commended by the EXCOM and by the membership at the Park City Meeting for the long hours and extra effort he went to in developing his extensive report with very meaningful implications for the future of the Division.

Riparian: This Committee finalized Parent Society comments on the Draft Rangeland Reform EIS that were subsequently sent to BLM and provided input for the Executive Director who attended a forum on grazing fee incentives. The Riparian Committee Chair (Mark Gorges) presented the Division's Riparian Challenge awards in Park City and he assisted with a letter writing campaign on the Dornicci bill. Chairman Gorges received an Award of Special Recognition for his years of dedicated service. Jill Silvey (BLM) has graciously agreed to chair our Riparian Committee for 1995-96.

Secretary-Treasurer: Our Secretary-Treasurer, Christine Moffitt, reported that the Western Division remains financially solid. Chris was given a Division Award of Merit for her tireless and dedicated work over the past three years. She also received a very prestigious award at the Tampa AFS Meeting, the Society's Meritorious Service Award. Chris has been a major factor in the success of the Western Division.

Threatened and Endangered Species: Chair Jerry Burton was instrumental in working with WDAFS chapter presidents concerning ESA Reauthorization and in offering to provide workshops at Western Division chapter meetings. Jerry conducted an ESA workshop at the Montana Chapter Meeting. Jerry recently retired from his federal position. Leo Lentsch (Bonneville Chapter) has offered to chair this committee for the coming year.

STUDENT AWARD WINNERS NAMED

Four graduate students and two undergraduates were honored with Western Division awards at the Park City Annual Meeting held during July. Recipients of the Division's first-ever Graduate Student Scholarship Awards were Susan B. Adams (University of Montana), Timothy M. Patton (University of Wyoming), Christina A. Gan (Humboldt State University), and Lisa C. Thompson (University of British Columbia). Josh Parker of the White Mountain Apache Tribe won the Division's first travel stipend for Native American/First Nation undergraduate students. Josh is keenly interested in pursuing graduate studies on Southwestern fishes. The Best Student Paper Award went to Catherine Bischoff of Utah State University for her paper entitled: "The genetic effects of introduced rainbow trout on native Colorado cutthroat in the Uinta Mountains of Utah."

The Graduate Scholarship winners are pursuing diverse and quite interesting research topics. For example, Susan is studying the dispersal rates, spatial patterns, and ecological interactions of brook trout in the northern Rockies under Dr. Christopher Frissell. Recent changes to the historical distributions of Missouri River ichthyofauna are the subject of Tim's research under Drs. Wayne Hubert and Frank Rahel. Christina's work involves patterns of molecular genetic variation and conservation of genetic diversity among salmonids under Dr. W. V. Allen. Lisa's research under Dr. Carl Walters is examining the response of kokanee and other fishes to varying nutrient loads in Kootenay Lake. Congratulations to all of our student winners for their distinguished projects and achievements!

WESTERN DIVISION AWARD RECIPIENTS

For his numerous and outstanding achievements in fishery science, the Western Division recognized Tom Northcote with its 1995 Award of Excellence. Awards of Merit went to Christine Moffitt and Judd Monroe for their years of contributions to the success of the Division. Pat Dwyer and Mark Gorges also contributed to the prominence of our Division over multiple years and each received an Award of Special Recognition. For the second year in a row, the Oregon Chapter (led by President Bob Hughes) received the Division's Chapter of the Year Award. Riparian Challenge Awards went to the BLM's Big Horn Basin Resource Area, Rock Springs District Office, and Wyoming State Office. The Forest Service's Wind River Ranger District also won a Riparian Challenge Award. Winners of this year's student awards are presented in a separate column elsewhere in this issue.

WESTERN DIVISION MEMBERS

HONORED IN TAMPA

The Society recognized the numerous accomplishments of one of our subunits and several of our Division members at the 125th Annual Meeting in Tampa. Winners of the Division's Chapter of the Year Award for the second straight year, the Oregon Chapter also received the Society's Chapter of the Year Award in Tampa -- for the second year in a row!!! That is an unprecedented achievement and one that recognizes Oregon's dedication in a host of areas that include information transfer through symposia, public outreach programs, and their steadfast efforts in the legislative arena. Way to go Oregon!

Christine Moffitt and Phil Pister were also recognized with prestigious awards in Tampa. Chris (who received a Division Award of Merit in Park City) was given the Society's Meritorious Service Award for her many years of dedicated work for AFS at various levels. Phil (the Keynote Speaker in Park City and a past recipient of the Division's Award of Excellence) was honored in Tampa with the Society's Carl R. Sullivan Fishery Conservation Award. Phil's years of contributions towards the conservation of Southwestern fishes were cited during the award ceremony. Only a handful of members have received the Society's Meritorious Service and "Sully" awards. The Division congratulates Chris and Phil in receiving this most appropriate and well-deserved recognition.

The Excellence in Fisheries Education Award was shared by two Division members this year. Joe Cech and Peter Moyle, both of whom teach at the University of California at Davis. Given by the Society's Education Section, this award recognizes excellence in organized teaching and advising in the field of fisheries science. The Fisheries Management Section honored Fred Eiserman (Colorado/Wyoming Chapter) with an Award of Excellence in Tampa.

1996 WESTERN DIVISION GRADUATE

STUDENT SCHOLARSHIP

The Western Division is pleased to announce its second, graduate-level student scholarship(s). Applications are now being solicited. This scholarship was approved at the 1994 Annual Division Meeting along with an annual obligation of up to \$3,000. The 1995 winners that were honored in Park City are named elsewhere in this issue. The Award Committee will again consist of Carl Burger, Rich Carmichael, Gene Maughan, Christine Moffitt, and Carl Schreck. The Award's application criteria are presented below. Please make them available to any graduate students that you feel may qualify. The 1996 scholarship(s) will be awarded at the Eugene, Oregon Annual Meeting next July. The annual dollar amount will not exceed \$3,000 in total and the Committee may choose to divide this sum among closely ranked applicants.

APPLICATION CRITERIA

1. The deadline for application is 15 February 1996.

2. Applicant must be a member of AFS or must have submitted AFS membership materials at the time of application.

3. Applicant must have completed successfully two quarters or one semester in residence in a current graduate degree program at an accredited institution of higher learning within the Western Division.

4. Applicant's major field of study must be related to fishery or aquatic resource science.

5. The application package must contain a letter to

the Award Chair that specifies:

- a. the applicant's career goals and reasons for applying (up to 200 words);
- b. the relevancy of his/her work to the objectives of AFS (up to 200 words);
- c. the anticipated degree and completion date of graduate study; and
- d. the names and addresses of two faculty members (one must be the graduate student's advisor) familiar with the student's background and abilities. (The Award Chair will send a standardized recommendation form to each of these two references.)

6. The application package must also include copies of undergraduate and graduate transcripts, and a one-page abstract that outlines such items as the goals, objectives, design, methods, and expected products from his/her graduate work.

An original application package and four photocopies of the package must be sent (postmark on or before February 15) to:

Carl Burger, Chair
Western Division Scholarship Award Committee
4237 James Drive
Anchorage, AK 99504-4644

JEFFREY ALLEN BOOTH

MEMORIAL FUND

Jeff Booth, fisheries biologist with the U.S. Fish and Wildlife Service and member of the AFS Alaska Chapter and Western Division was killed in the crash of his plane in the Brooks Range recently. A memorial service for Jeff Booth was held in Soldotna on Saturday, September 9th. Jeff was returning from an August sheep hunt in the Brooks Range when his Super cub crashed into a mountain, killing Jeff upon impact.

Jeff was born March 28, 1960 in Fargo, North Dakota. He graduated from Fargo South High School in 1978. He attended college at Montana State University receiving both his Bachelors (1984) and Masters degrees (1989). Jeff is survived by his wife Rachel and our deepest sympathies go out to her.

Jeff worked nearly ten years at the Kenai Fishery Resource Office with the U.S. Fish and Wildlife Service, and was instrumental in developing the use of resistance board weirs for large rivers. A superior advocate of aquatic stewardship, Jeff coordinated numerous education and outreach activities in the Kenai-Soldotna area. His work with the Adopt-A-Stream program at Kalifornsky Beach Elementary School has been nationally recognized. He was that special combination of a sound biologist, scientist, and outdoorsman as well as an accomplished communicator, especially with children. Jeff will be sorely missed by all who knew him.

Contributions can be made to the Jeffrey Booth Memorial Fund at the National Bank of Alaska in Soldotna, 99669. The Memorial Fund will be used for a scholarship in aquatic education and outreach.

The Alaska Chapter has funded the Jeffrey Booth Memorial Fund with \$200 in seed money. The Alaska Chapter invites other Western Division subunits to match their contribution.

FIRST CALL FOR PAPERS SUSTAINABLE FISHERIES STRATEGY CONFERENCE

The Sustainable Fisheries Foundation and the North Pacific International Chapter of AFS will jointly host an International Sustainable Fisheries Strategy Conference in Victoria, British Columbia, April 26-30, 1996.

The purpose of the conference will be to exchange information on the current status of fisheries resources, on the institutional and legal constraints on fisheries management, and on the opportunities for restoring salmonid productivity and use to levels that assure availability of the resource in the future. The conference will include technical sessions on topics related to ecosystem-based fisheries management, the status of salmonid populations and of salmonid habitats, integrated fisheries management, selective harvesting techniques, tribal and community-based fisheries management, rehabilitation and restoration initiatives, economic impacts of fisheries management, and approaches to international fisheries management.

Prospective presenters are requested to submit a brief abstract to Don MacDonald (Sustainable Fisheries Foundation, 2376 Yellow Point Road, RR#3, Ladysmith, British Columbia, V0R 2E0) or Cleve Steward (SFFP, O. Box 206, Bothell, Washington, 98041). The abstract should be submitted in two forms, including a hard copy and electronic version in WP51 format. Presenters will be expected to submit a full paper prior to the meeting to facilitate peer-review.