



THE TRIBUTARY

A Newsletter of the

Western Division of the American Fisheries Society

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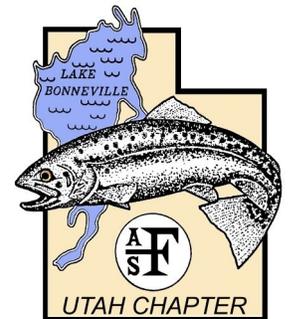
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2010 AFS Western Division Annual Meeting

The 2010 Western Division Annual Meeting was held in conjunction with the Annual Meeting of the Utah Chapter, April 19—23. 298 members attended 191 presentations and 25 poster presentations, as well as three continuing education courses.



Members of the Meeting Planning Committee.



Poster viewing during the Trade Show and Poster Social.

More pictures from the meeting can be found on page 7.

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Mary Buckman

Message from the WDAFS Archivist

Attention past presidents and secretary-treasurers of WDAFS: As archivist and division historian, I would like to make sure that we have a record of activities during your tenure on the executive committee (Excom). For any items that are not already on the website, please send me your hard copies of materials, CDs of computer files, photos, etc that we should archive. I would especially encourage inclusion of items such as meeting agendas, minutes, reports (annual, mid-year, committee), photos, formal external correspondence, resolutions, policy statements, and relevant internal correspondence (within WDAFS and the Excom). Please send these to me at:

Eric Wagner
WDAFS Archivist
1465 West 200 North
Logan, UT 84321

President's Hook

It is summer and I am down south where I grew up, and where it is really hot. I live in Montana now; it is not ever really hot there like it is here. The heat aside, the south is a wonderful and diverse place where I remember why I got interested in aquatics. First of all, there is just an awful lot of aquatic stuff down here; bayous, rivers, bays, estuaries, marshes, swamps, you name it- we got it y'all. That and the fact that the air is so humid that it is just short of a fully aquatic medium all on its own. I am staying with my mother at the house I grew up in, just three blocks from the Mississippi River near New Orleans. I went for a run along the river levee this morning and saw at least eight riparian-dependent bird species. Splendid.

Yesterday, I was on the gulf coast near Ocean Springs, Mississippi. There is no oil on shore there yet, but there are warnings out and it broke my heart (sorry to get sappy, but it did) to have to weigh the potential effect of letting my kids wade in the Gulf of Mexico. I let them wade, but we did find some old oyster shells that had been washed up that day that had a black film on them. The papers are full of reports on the numbers of dead birds, sea mammals, and fish. I am not sure when the flow will be stopped, but I am sure that the legacy of this "spill" will be with us for at least my lifetime.

As a professional, my passion has always been for educating the public about the world around them and the value of its natural aspects. Louisiana is a place where that world is intertwined with the culture and the economy. In many ways, this is no different from the west. Many people come to the western states to see wildlife, to hunt, and to fish. There is value in our resources, and that value should be taken into account when an extractive industry proposes to take on an activity that has the potential to negatively impact them. The true cost of mining or oil exploration/ drilling may be high, but we are unfortunately often reminded of just how expensive repairs to the resources can be – if they can be repaired. The loss of these resources is a real potential, not just a far off "worst case scenario". As professionals tasked with the management of our country's resources, fish, wildlife, streams, lands, and cultural heritage; I ask that you remember their value when you review your next proposed action with a potential to impact a piece of public land. As a manager, you have the knowledge and the responsibility to explain how and why those impacts may be minimized or avoided. Finally, if impacts cannot be avoided, then their true cost should be made plain to the proponent. Public lands belong to U.S. citizens, and their use should not come cheap, despite past practices. This spill will coat the Gulf Coast for a long time, and it is obvious, given that we are now almost three months out, that the plans made to deal with potential problems with the well were inadequate and unworkable. Do your best not to let that happen in your area or on your watch.

Elections:

We have two stellar candidates who have thrown their fishing caps into the ring for the office of Vice-president. Please read over their bios in the Tributary and go to SurveyMonkey to cast your vote by July 15, 2010.

- Leanne Roulson

Christina (Tina) Swanson, Ph.D.

Candidate for Vice President

I am the Executive Director and Chief Scientist for The Bay Institute, a non-profit environmental research, education and advocacy organization dedicated to protecting, restoring and inspiring conservation of San Francisco Bay and its watershed. The Bay Institute also owns and operates Aquarium of the Bay, located on the San Francisco waterfront. I received my B.A. from Cornell University (1980) and Ph.D. from University of California, Los Angeles (1991). During the hiatus between my undergraduate and graduate studies, I taught marine science and maritime history at the Orange County Marine Institute (California). Before joining The Bay Institute in 1999, I conducted post-doctoral research and lectured at University of California, Davis, working on the physiology, behavior and ecology of Sacramento-San Joaquin watershed fishes. At The Bay Institute, I served as Fisheries Scientist and Senior Scientist before being appointed Executive Director in 2008 to lead our diverse programs and our successful campaign to acquire the Aquarium. In addition to my work in California, I have worked and conducted research on marine and estuarine fishes in Hawaii and the Philippines. I have authored or co-authored more than 20 peer-reviewed articles and numerous technical and policy memoranda and reports.



I am a scholar dedicated to making science serve others. My move from academia to The Bay Institute was prompted by my desire and commitment to combine science with environmental policy and to extend my teaching activities beyond the traditional classroom. My science and policy work includes analyses of the effects of water management operations on fishes and ecosystems, development and oversight of large-scale ecosystem restoration and species protection programs, and use of ecological indicators to assess and track the health of San Francisco Bay. I have served on several technical and policy workgroups, including the NMFS's Central Valley Technical Recovery Team and the CALFED Bay-Delta Program's Adaptive Management Planning Team, and testified before the legislature, National Research Council committees, and in federal court. To date, I have been most active in my local California-Nevada AFS chapter. In 2003, I was awarded the Distinguished Professional Achievement Award by the Cal-Neva chapter and I served as President-elect, President and Past President of the chapter from 2003 to 2006. In all of these efforts, as well as with my new work with a science-based interpretive facility, I have learned that application of sound science, effective teaching and communication techniques, and a willingness to challenge indifference are essential skills to make the case for and inspire action. If elected Vice President of the Western Division of AFS, I will work to maintain the high profile of the Division, encourage multi-faceted engagement by the Division in important regional fishery and aquatic ecosystem management issues, and continue to solicit and support student involvement and professional development through the diverse activities of the Division and its chapters.

Paul J. Barrett, Ph.D.

Candidate for Vice President

I received my Bachelor's degree in biology from Bates College, in Lewiston, Maine and a Master's in zoology from Arizona State University. I then began working for the Arizona Ecological Services Office of the Fish and Wildlife Service in Phoenix where I specialized in instream flow studies. After four years I left the Service to pursue a Ph.D. at the University of Arizona where my research focused on habitat use by native fishes in the presence and absence of non-native species.

Upon completion of my Ph.D. studies, I worked in several Fish and Wildlife Service's offices throughout the western United States. I've taught classes throughout the United States on endangered species recovery planning and structured decision making for the Service's National Conservation Training Center.

For the past three years I've served as the Devils Hole Pupfish Recovery Coordinator for the Service's Nevada Fish and Wildlife Office. In that capacity I represents the Service in coordinated recovery actions among several agencies and applies structured decision analysis to this critically imperiled species. At one point the species consisted of 38 individuals but in recent years the population has rebounded significantly. I'll begin my new position as Regional Science Advisor and Climate Change Coordinator in the Service's Albuquerque Regional Office in July 2010. Professional societies must walk a fine line between presenting rational conclusions drawn from scientific information and advocacy. This can be a difficult row to hoe but is ever more necessary with problems such as global climate change, the spread of invasive species, and other wide-ranging issues. I've been fortunate throughout my career to work with professionals from many agencies and organizations. The Western Division of the AFS offers a special platform for fishery professionals to cooperate, share information, and develop reasonable courses of action across agency, academe and other borders. If elected to the leadership of the Western Division I'll continue the good work of past presidents and vice-presidents and strengthen these collaborative efforts through the annual meetings and fostering a network of expertise that can be shared across borders, throughout the Western Division, and beyond.



Online Voting for Vice President

This year we have two excellent candidates for the Vice President position of the Western Division; Tina Swanson and Paul Barrett. Voting will be done online via a SurveyMonkey survey. Voting is currently open, and will remain open until July 15, 2010.

http://www.surveymonkey.com/s/wdafs_vp_election2010



Riparian Challenge Award Winners

The Western Division's Riparian, Watersheds and Habitat Committee honored three entries with the 2010 Riparian Challenge Award during the 2010 Western Division Annual Meeting sponsored by the Utah Chapter in Salt Lake City, Utah. The Riparian Committee received 10 entries (5 BLM, 2 USFS, 3 Other). The following entries were selected for the award.

USFS Project - Jemez & Cuba Ranger Districts, Santa Fe National Forest, New Mexico: Respect the Rio

BLM Project - Roseburg District, Swiftwater Resource Area: Wolf Creek Watershed Restoration and Monitoring Project

Other Category Project - Riverside-Corona RCD: Native Fish Restoration Project for the Temescal Creek Watershed

Thanks to all who took the time to prepare and submit entries as well as the Riparian Committee members who reviewed the applications. The first call for entries for the 2011 Riparian Challenge will be announced in November 2010. For more information on the Riparian Challenge and to see the winning entries for the 2010 award, please visit the Riparian Committee's website at http://www.wdafs.org/committees/Riparian_Watersheds_Habitat/Riparian_Watersheds_Habitat_comm.htm

2010 Western Division Scholarship Winners

There were 13 applicants (9 PhD and 4 MS). Applicants represented 9 institutions in 8 western states. The recipients were:

Eugene Maughan Scholarship:

MS students

Shivonne Nesbit Oregon State University

Ph.D. student

Kris Homel Montana State University

Sustainable Fisheries Foundation William Trachtenberg Scholarship:

Ph.D. student

Eric Larson University of Washington

Members of the WDAFS Scholarship Committee included:

- Peggy Wilzbach - California Cooperative Fishery Research Unit, Humboldt State University, Arcata, California
- Colleen Caldwell - New Mexico Cooperative Fishery Research Unit, New Mexico State University, Las Cruces, New Mexico
- Pat Connolly - USGS Western Fisheries Research Center, Columbia River Research Laboratory, Cook, Washington
- Scott Bonar - Arizona Cooperative Fish and Wildlife Research Unit, University of Arizona, Tucson, Arizona
- Bob Gresswell (Chair) - USGS Northern Rocky Mountain Science Center, Bozeman, Montana

Western Division Annual Meeting Recap



Bob Hughes received the Award of Special Recognition from the Western Division.



Krissy Wilson received the Robert Borovicka Conservation Achievement Award.



Washington-British Columbia Chapter received the Outstanding Chapter Award (Erin Lowery accepted).



Kurt Fausch accepting the Award of Special Recognition from Bob Hughes.



Socializing during the Trade Show.



The 2009—2010 Division Officers; (L to R) Mary Buckman, Dave Ward, Leanne Roulson, and Lori Martin.

2010 WDAFS Student Colloquium

The Palouse student subunit of the American Fisheries Society at the University of Idaho is proud to host the 3rd Annual Western Division of the American Fisheries Society Student Colloquium from Thursday, October 14th to Saturday, October 16th. Moscow, Idaho will be the site of research presentations, an insightful field trip, and networking in an all-student environment.

Thursday, October 14th: Welcome Social featuring food and drinks at the 1912 Center in Moscow, Idaho, from 6-9 pm. Professionals will be invited to enhance your networking opportunities.

Friday, October 15th: A full day jet boat tour of Hell's Canyon. Transportation, breakfast and lunch will be covered.

Saturday, October 16th: Student only oral presentations at the University of Idaho followed by a tour of the campus aquaculture facilities. A business lunch will be provided. Closing social will be held from 6-9 p.m. at EcoAnalysts, Inc. and will include food and beverages.

Sunday, October 17th (Optional): Opportunity to fly fish for Steelhead. You will need to bring your own gear and purchase an Idaho fishing license. Our experts can take you to some of the best fishing spots in the area. For more details, contact Tim Caldwell (cald3105@vandals.uidaho.edu)

Registration: To register, please email Jeff Reader (read5459@vandals.uidaho.edu) the following information: Name, phone number, AFS/School affiliation, when you will be arriving and departing, and whether you are presenting.

Cost: \$35/student before Friday, September 24h, and \$45/person after September 25th.

Presentations: If you are presenting (everyone is encouraged to present!), please submit a 200 word abstract by Friday, October 2nd to Amy Long (long8524@vandals.uidaho.edu). Abstract formatting guidelines are posted on our website.

We look forward to seeing everyone in Moscow!

- University of Idaho Palouse Student Subunit of AFS

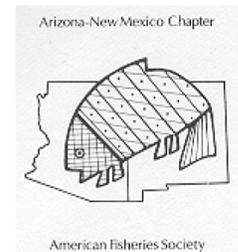
Questions? Contact Kelly Stockton at stoc4872@vandals.uidaho.edu or at (970) 217-2245

Visit PUAFS online at <http://www.cnr.uidaho.edu/afs/>



Arizona-New Mexico Chapter Meeting Recap

The 2010 43rd Joint Annual Meeting of the AZ/NM Wildlife Society and American Fisheries Society chapters was held February 4—6 at the Radisson Woodlands Hotel in Flagstaff, AZ. The Plenary Session focused on renewable energy and speakers addressed renewable energy development and the potential issues and impacts to wildlife management. The meeting featured over 70 presentations and 32 posters.



Colorado-Wyoming Chapter Meeting Recap

The 2010 45th Annual Meeting of the Colorado-Wyoming Chapter was held on March 1—3 in Laramie, Wyoming. The meeting had 117 registrants, with 34 presentations and seven posters presented. The meeting also included a retirement party for Dr. Wayne Hubert.



Mexico Chapter Meeting Recap

After an unsuccessful try in May 2009 (due to the influenza emergency in Mexico), we had our Mexican Chapter and Mexican Fisheries Society (MFS) second biennial meeting at the Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE) campus in Ensenada, Baja California, Mexico, May 3th to 7th. During the opening ceremony, we had the benefit of the participation of Dr. Don Jackson, president of the AFS, and other local and national personalities, such as Dr. Miguel Ángel Cisneros, General Director of the Fisheries and Aquaculture National Institute (INAPESCA) of Mexico.



During the meeting we had 79 oral presentations and 27 posters were explained during the poster session. Four key speaker talks were given on the state of fisheries in Mexico, Mexican freshwater fisheries, USA-Mexico trans-boundary resources, and the use of chemical tracers to assess population structures, migration, and natal location in marine fishes. Between the 124 participants, we were happy to have the participation of five US colleagues, two from Brasil, three from Ecuador, and one from Panama. Almost 50% of the participants were students of Mexican institutions, including three foreign students from Colombia, Ecuador, and Spain. Also, during the meeting, we had a very successful session on Biological assessment of freshwater fish assemblages, coordinated by Bob Hughes, with the participation of 11 oral presentations.

Starting from this meeting, the MFS decided to establish two awards: Excellence in Fisheries Research and Excellence in Teaching. This year, Dr. Daniel Lluch-Belda and past Dr. Salvador Contreras Balderas were awarded. For the next occasion, the excellence in teaching award will be named as the Dr. Salvador Contreras Balderas award.

The MFS and Mexican chapter officials are very grateful to all participants and to CICESE our host. Also, we announce our next meeting for May 2011 in Mazatlan; for further information please contact: Dr. Felipe Amezcua (famezcua@ola.icmyl.unam.mx).

CalNeva Chapter Meeting Recap



The 2010 joint CalNeva AFS and Salmonid Restoration Federation (SRF) conference in Redding, California, was a historic opportunity for members from two organizations with similar goals to network and learn from each other. The meeting boasted a record attendance (at least for CalNeva) of over 700 attendees. We were able to combine, in one venue, the Continuing Education Opportunities our members have come to anticipate in an AFS event, with the field tours that are a cornerstone to the SRF program.

The conference started at mid-week with two days of training and tours. The opportunities in workshops and continuing education included river modeling, acoustic tagging, restoration methods and water quality improvement. The engineers in the group hosted a symposium on fish passage and habitat restoration, a standard event at CalNeva conferences. There were also six tour options for viewing restoration activities in the local rivers near Redding. Thursday night saw a well attended social at the beautiful Turtle Bay Aquarium.

Friday, the third day, started with a salmon blessing by Caleen Sisk-Franco, tribal leader of the Wenamem Wintu. The plenary session included much enjoyed dirty talk by David Montgomery (Dirt: the Erosion of Civilization) as well as an overview of salmonid recovery by Maria Rea, climate change and native fishes by Larry Brown and resilience of salmonids by Dan Bottom.

Friday afternoon and Saturday were filled with 10 concurrent sessions of science talks. The talks covered a range of topics from stream restoration to estuarine fisheries research to hatchery management. Attendees showed a great appreciation for a diverse set of opinions on topics such as FERC processes, water diversions and status and monitoring of anadromous salmonids.

All the AFS and SRF volunteers who worked on this conference deserve a heart-felt thank you for making this joint conference a success. As commented by one attendee;

"I liked the idea of combining resources of two well-established fishery organizations and convening a joint meeting. It's a great opportunity for cross-cultural exchange between the two organizations. A joint meeting can reduce costs, eliminate the need to choose between one meeting or another, lessens competition for donors, and provides a wider variety of sessions/ papers to attend. The overall quality and quantity of presentations were excellent. The planning and implementing the meeting was exceptionally smooth. Great Job!"

All in all, the meeting was a huge success, the Chapter gained some great insight into contracting in a joint meeting context, we learned a great deal from SRF in streamlining our meeting planning from year to year, we provided SRF with some of our meeting planning suggestions as well, and our budget ended up in the black for the meeting. In 2009, our Annual Meeting theme was "Thinking Outside the Stream" and we followed that through to 2010 and did a little outside thinking to best use the resources we had to serve our membership in the best way possible in these difficult financial times.



Chapter members enjoying the social at the Turtle Bay Aquarium.



Salmon Blessing by Caleen Sisk-Franco, tribal leader of the Wenamem Wintu.

Idaho Chapter Meeting Recap

The Idaho Chapter of the American Fisheries Society held its annual meeting in Pocatello, Idaho during 2-5 March 2010. The Chapter began the meeting by offering a workshop under the theme of Unraveling the spring creek mystery: what they should look like and how do we get there. This year's plenary session was organized by the Chapter's President Elect - Ernest Keeley under the theme of: "Idaho's native fishes: understanding their distribution and abundance", and featured speakers from British Columbia, Oregon, Utah, Montana, and Idaho. The Chapter continues to recruit and engage new student members to the Society, many of whom presented at the meeting. Idaho AFS now has two student subunits, the Palouse Unit associated with the University of Idaho, and the Portneuf Unit associated with Idaho State University. The Unit boasts an amazing banquet that culminates in an extraordinary fundraising effort.

Fundraiser items included over 25 prints, guided fishing and float trips, countless fly, spinning, and casting rod combos and countless other great items. The fundraising committee each year successfully bilks all of the available (and sometimes not available) money out of each member present. These funds provide support for trout in the classroom, scholarships and travel funds for Idaho AFS subunit students, support for Idaho salmon and steelhead days, and the list goes on and on. The unit also gave out Outstanding Professional Awards to Charlie Petrosky, Matt Woodard, Warren Colyer, Dan Axness, and presented by Bart Gamett, plus many other service awards. Please join us for next year's meeting that will be held in Boise, Idaho (1—4 March 2011). The meeting will begin with a workshop scheduled for the 1st, and meeting presentations beginning on Wednesday morning the 2nd, continuing until Friday. Next year's theme will focus on Native Peoples Fish Management: Past, Present, and Future.



Outstanding Professional Awards were given to (from left to right) Charlie Petrosky, Matt Woodard, Warren Colyer, Dan Axness, and Bart Gamett (Past president).

Montana Chapter Meeting Recap

The 43rd Annual Meeting of the Montana Chapter of the American Fisheries Society was held in Bozeman, Montana, February 8-12th, 2010. The theme of the conference was "Linkages across Landscapes: The Ecological Role of Fish in Montana." As usual, the meeting was well attended and the quality of the presentations was outstanding.

A plenary session began with a look at the historic contexts of modern research and management pertaining to fish and human culture. The session then explored the importance of landscape and population diversity for ecosystem services associated with fishes, examined relationships between fish and benthic communities and aquatic and terrestrial linkages, and concluded by illustrating the importance of cutthroat trout to grizzly bears in Yellowstone, and changes in aquatic species introductions with evolution for MSY to eco-system based fisheries management. The general meeting agenda included stimulating papers ranging from amphibians to lake trout suppression, as well as presentations on ecology to restoration.

Preceding the conference were two continuing education workshops organized by Continuing Education Chair Matthew Corsi. The topics of these workshops were Taxonomy and Identification of Eastern Montana Prairie Fishes, and Structured Decision Making and Adaptive Management in Fishery Management

Craig Barfoot, a biologist with the Confederated Salish-Kootenai Tribes, was elected to serve as President Elect of the Montana Chapter. He will assume this role in September.

The opportunity to acknowledge and honor the exemplary work by individuals on behalf of our aquatic resources across Montana is unique and important role of MCAFS, and one we take great satisfaction in. Our outgoing officer, Past President Carter Kruse was acknowledged for his tireless service to MCAFS. His substantial contributions will be missed. In additions, this year we had many exceptional nominations for our awards, especially Career Achievement and Outstanding Educator. We recognized 14 individuals and one group with the following awards:

- **John Syslo** (Montana State University) was presented with the "Best Student Presentation Award" for his talk "*An Evaluation of Lake Trout Suppression in Yellowstone Lake, Yellowstone National Park.*"
- **Dan Carty** (U.S. Fish and Wildlife Service) was presented with the "Best Professional Presentation Award" for his talk "*Efficacy of Terramycin 200 for Fish (Oxytetracycline Dihydrate) for the Skeletal Marking of Rainbow Trout Oncorhynchus mykiss*"
- **Justin Spinelli (Montana State University)** was presented with the Fisheries Information and Technology Section Best Student Poster Award.
- **Jason Blakney** (University of Montana-undergraduate) and **Matthew Corsi** (University of Montana-graduate) were awarded the Wally McClure Scholarships.
- **Mariah Mayfield** received the West Slope Chapter of Trout Unlimited student research fellowship grant for her research on the Upper Clark Fork River.
- **Alan Johnstone** was presented with a Landowner of the Year award for his contributions to Montana fisheries.
- The **Lower Clark Fork Watershed Group** was awarded a Group Achievement Award for their outstanding work in the basin.
- **Brad Shepard** and **Mike Enk**, were presented with Career Achievement Awards for their dedicated service to Montana's Aquatic Resources.
- **Jeff Everett** was awarded the Outstanding Natural Resource Professional award for his work in the Big Hole Valley
- **Dave Hagenruber, Brandon Day, and Nathan Olson** received awards for Outstanding Educators for their commitment to fisheries education in Montana.
- **Ladd Knotek**, Montana Fish, Wildlife & Parks, was presented with the 2009 Outstanding Fisheries Professional Award, the Chapter's highest honor, for his leadership and dedication to Montana's Aquatic Resources.

Montana Chapter Meeting Recap



MCAFS President Scott Barndt presents Outgoing President Carter Kruse with a Certificate of Appreciation for his contributions to MCAFS.



MCAFS Awards Chair Trevor Selch presents Dave Hagengruber with an Outstanding Educator award from MCAFS.



Trevor Selch presents Brad Shepard with a Career Achievement award from MCAFS.



Trevor Selch presents Ladd Knotek with the 2009 Outstanding Fisheries Professional award from MCAFS.



Trevor Selch presents Justin Spinelli with the AFS Fisheries Information and Technology Section, Best Student Poster Award.



Oregon Chapter Meeting Recap



The Oregon Chapter's Annual Meeting in February 2010 drew some 470 professionals, including 60 students, to participate in "Success Through Science and Management". The theme of this meeting reflects the reality that successful management of fisheries and aquatic resources requires translation and integration of detailed, highly technical information into management actions. Increased understanding of the science underlying natural resource processes usually leads to development of more effective management tools. This year's Annual Meeting challenged participants to think about the application of science and management toward achieving successful outcomes for our fisheries and aquatic resources.

Dr. Carl Schreck, professor in the Department of Fisheries and Wildlife, Oregon State University, leader of the Oregon Cooperative Fish and Wildlife Research Unit, and AFS Award of Excellence recipient, began the meeting with an inspirational and thought-provoking keynote presentation titled, "Needles in Haystacks, Haruspication, and Much Harder than Rocket Science: Perspectives on Science for Fisheries." Dr. Schreck offered his insights on the state of fisheries science and challenged the audience to think creatively and broadly. This is especially difficult when funding and peer review processes both tend to narrow our approaches. He predicted that the science of the future will emphasize understanding how whole systems work including connections at all levels from microscopic to macro-landscape. He urged us toward this goal through research in specialized areas such as pheromones, and also through improving our performance providing the most basic information such as fish abundance. Throughout the meeting, many speakers referenced Dr. Schreck's address in their own talks, which is a testament to Dr. Schreck's ability to encourage broader thinking among the membership.

The volume and diversity of material presented was impressive. Twenty technical sessions accommodated 164 oral presentations and 34 posters on topics ranging from genetics, morphology, statistics, and modeling to the application of science in the fields of policy, education, aquaculture, and fisheries management. Special sessions included "Salmon in the City" and "Environmental Legacies". The least conventional session highlighted inspiring images of fish, including tips on underwater photography and video presented by member photographers.

Three workshops preceded the meeting, enlightening 80 members. The largest, "PIT Tag Techniques and Technologies", was organized by Dave Marvin and included presentations from members with Oregon Department of Fish and Wildlife (ODFW), National Marine Fisheries Service, US Geological Survey, and the Yakama Nation. Vendors participating in the workshop included OregonRFID and BioMark. This workshop covered the principles and techniques for a successful PIT tag experiment, the pros and cons of half-duplex vs. full-duplex tags, antenna theory, field detector design and testing, data management and QA/QC techniques, and live antennae demonstrations. This was the most well-attended pre-meeting workshop in recent memory. Vemco provided a free workshop on acoustic telemetry, including how the technology works, how to use Vemco equipment, and how to effectively analyze data offloaded from Vemco receivers. The "Media Madness" workshop was presented by Oregon State University's News and Communication Services, and Extension and Experiment Station Communications staff. This interactive workshop taught members how to solicit and respond to the attention of the news media. Participants reviewed news releases, video interviews, and then got their own "face time" in front of the camera for a taped and critiqued interview. There were insights on how to anticipate controversy and objectively defuse pointed questions. The workshop also provided guidance on how to translate science to help the public better understand resource and management issues.

Professional awards were managed by Mindy Simmons and the Awards Committee. Four Awards of Merit were presented to:

- Kara Anlauf (ODFW) for her outstanding dedication to rapid and effective communications for the Oregon Chapter as the Chapter's webmaster;
- Neil Ward (Columbia Basin Fish and Wildlife Authority) for his exceptional service to the Chapter, including serving on the Chapter's Executive Committee for 6 years and as the Program Chair for the record-setting Western Division Annual Meeting in May 2008;

Oregon Chapter Meeting Recap

- Dan Diggs (US Fish and Wildlife Service) for his vision for a science-based approach to hatchery management, his insistence on high scientific standards and excellence, and his emphasis on collaboration with state, tribal and federal agencies; and
- Brian Bangs, Paul Scheerer, and Steve Jacobs (all of ODFW) for their creative and tireless 20-year effort to restore Oregon chub.

The Broken Oar Award went to Don Ratliff and Jim Bartlett (both of Portland General Electric) for enduring the collapse of portions of a gigantic selective water withdrawal tower at Round Butte Dam, keeping their sanity, and persevering until the project was completed and began passing fish within the same year.

The ORAFS scholarships were awarded to: Kevin Fox (AA candidate) at Mount Hood Community College; Justin Huff (BS candidate) at Oregon State University (OSU); Ralph Lampman (MS candidate) at OSU, and Brooke Penaluna (PhD candidate) at OSU. The prestigious Carl Bond Scholarship was awarded to Brooke Penaluna (PhD candidate) at OSU, in support of her work on biotic interactions among native reticulate sculpin, juvenile coho, and coastal cutthroat trout in Oregon coast headwater streams. Scott Heppell and the Scholarships Committee did an outstanding job managing the scholarship process and evaluating the worthy applicants.

Best student paper honors went to Jayde Ferguson (OSU) and Alena Pribyl (OSU, runner-up), and best student poster honors went to Brooke Penaluna (OSU) and Matt Stinson (OSU, runner-up). Mike Hudson did his usual excellent job planning for these important awards.

The Student-Mentor Mixer was packed with 60 students making rapid-fire (5 to 8 minutes) "speed-dating" rounds to meet and query all 40 mentors. Despite the hectic pace, students raved about the direct exposure this event provides to a diversity of career options, guidance, and even direct job opportunities. Shivonne Nesbitt and Brett Anderson organized and managed this event.

At the business meeting, President Rich Grost summarized the state of the Chapter as being on course to meet the goals established in the annual work plan, and within budget. He discussed the Chapter's role in continuing review of the Federal Columbia River Power System Biological Opinion and indicated that the issue had been elevated to the Western Division, where a review of the Adaptive Management Implementation Plan (AMIP) was just completed and appears timely in providing constructive comment toward improved management of the Columbia and Snake rivers. Mary Buckman (Secretary/Treasurer for the Western Division) provided an update on the upcoming Western Division meeting, and Bob Hughes announced his candidacy for the 2nd Vice President position of national AFS. Internal Director Jason Kent announced the three education and outreach grant awardees for 2010. External Director Jeremiah Osborne-Gowey updated members on committee activities and Legislative Liaison David Moskowitz (Confluence Consulting NW) summarized opportunities to work with the state legislature. Standing committees and the student subunit convened for strategy sessions following the business meeting.

The raffle and auction, organized by Christy Fellas and Kristle Volin, was successful in both fun and fundraising. Amazing artwork and photographs were donated by Joe Tomelleri, Rich Grost, Mary Edwards, Ray Troll and many others. Handmade items were donated by Laura Tesler, Michele Weaver, Paul Sheerer, and others, demonstrating the talent and creativity of some of our members. Fishing trips offered by Scott and Selina Heppell, Ian Reid, and Neil Ward were very popular. Together, over 50 individuals and businesses donated trips, items, and services to the raffle and auction.

After the banquet, two dozen card sharks plied their trade in the poker tournament and after a hard-fought game, Chad Smith emerged the overall winner. The top nine finishers were awarded a variety of prizes ranging from a Tomelleri print to fishing gear to magazine subscriptions. Tom Iverson coordinated this friendly and fun competition. The Jam Session, organized and grounded by guitarist Steve Liebhardt, brought the diverse music of some 20 member-musicians to the stage. Memorable moments include Ralph Lampman's original "Lamprey Rap", guitar licks by Jens Lovtang, mandolin riffs courtesy of Paul Sheerer, and vivacious vocals from Jeff Ziller.

Finally, after the meeting the City of Eugene sponsored a tour of the nearby Delta Ponds Habitat Restoration Project. This is a collaborative effort with state and federal partners to restore side-channel habitat on the Willamette

Oregon Chapter Meeting Recap

River. This area was once degraded and separated from the river and overgrown by invasive plants. The hydrologic connection has been restored, and it is now a thriving habitat with over 40,000 native plants and on-site use by Chinook salmon and cutthroat trout. Thanks to Eric Wold for the tour.

Overall, the 2010 meeting fulfilled expectations as the Oregon Chapter’s largest and most important technical and professional networking event. Thanks are due to all who attended, assisted, presented, moderated, donated, and especially the Executive Committee for a year of behind-the-scenes planning: President Rich Grost, Past-president Neil Ward, President-elect Demian Ebert, Vice President Shivonne Nesbit, Secretary-Treasurer Shaun Clements, Internal Director Martyne Reesman, and external Director Jeremiah Osborne-Gowey. This crew, and incoming President-elect Colleen Fagan, are already planning the next Oregon Chapter meeting February 22—25, 2010 at the Riverhouse Conference Center in Bend, OR.



Student Scholarship winners (left to right): Justin Huff, Ralph Lampman, and Brooke Penaluna.



Brooke Penaluna (left) and Alena Pribyl (right) received their Student Paper and Poster Awards during the 2010 ORAFS Annual Meeting.



Brian Bangs, Paul Scheerer, and Steve Jacobs receive their Award of Merit for efforts to recover Oregon chub.



Don Ratliff (left) and Jim Bartlett (right) accept the Broken Oar Award for enduring the collapse of part of the selective water withdrawal tower at Round Butte Dam. Nominator Mike Gauvin stands between the recipients.

Oregon Chapter Meeting Recap



Kara Anlauf accepts her Award of Merit for her outstanding job as the Chapter's webmaster.



Dan Diggs accepts his Award of Merit for his long service to science-based management and collaboration.



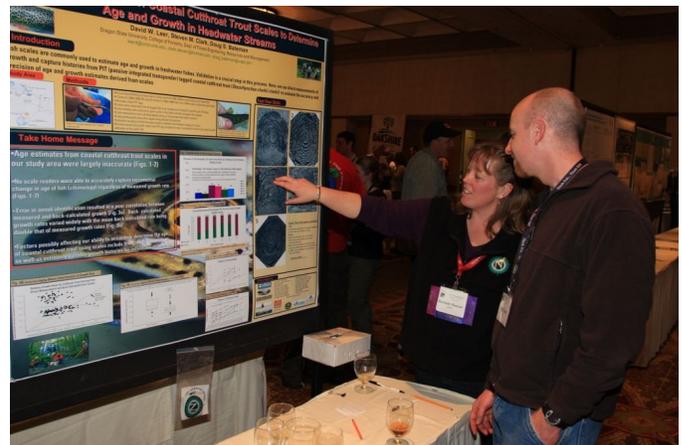
Neil Ward accepts his Award of Merit for his service on ExCom and the Past-President Award.



Rich Grost (left) and Demian Ebert (right) visit with plenary speaker Dr. Carl Schreck (middle).



Band members jam after the banquet.



Michele Weaver discusses scale ages with David Leer.

Washington-British Columbia Chapter Meeting Recap

After nearly disbanding a few years ago, there is no doubt that the rebuilding of the Washington – British Columbia Chapter is complete. The Chapter co-convened their 2010 Annual General Meeting with the 24th NW Pink and Chum Workshop in Nanaimo, BC, March 2-4. The theme “New Research and Applied Science to Meet Fishery Management Needs” attracted sessions ranging from habitat assessment to sharing research about plankton to tackling the recovery of depleted species. Several awards were presented, including the Haig Brown Award which went to The Pacific Fisheries Resource Conservation Council for their ability to clearly communicate salmonid science and conservation issues. Dr. Keith Ketchen, Fisheries and Oceans Canada (retired) received the Worthy Coelacanth Award for his outstanding contributions to groundfish science and management. We honored the contributions of Eric Knudsen (Sustainable Fisheries Foundation), Dr. Richard J. Beamish (Fisheries & Oceans Canada), Mike McHenry (Lower Elwha Tribe), and Caroline Mercado (HTI). Past president Larry Dominguez defended his title to one of AFS’s more unique awards, The Fish Gaffe which recognizes the year’s most noteworthy faux pas by a chapter member.

Students represented six universities in British Columbia and Washington, many of whom volunteered to help run the meeting. Best Student Paper was awarded to Ryan Cloutier (Simon Frasier Univ.) and the Runner-Up for Best Student Paper and the Best Student Poster award went to Michael Donaldson (Univ. British Columbia). In addition to the Chapter awards, Trout Unlimited presented a special award for Outstanding Student Research to Meryl Mims (Univ. of Washington). During the AGM, we made significant advances in planning for the 2011 AFS Annual Meeting in Seattle. We have drafted a strong and enthusiastic team dedicated to making this one of the best meetings ever. There are still opportunities for more volunteers. If you would like to be part of Team 2011, please contact Cleve Steward (Cleve.Steward@amec.com).



During a lunchtime talk, Jenny Atkinson, Executive Director of the Whale Museum in Friday Harbor, WA provided a window into the fascinating world of Puget Sound’s orcas. These populations are threatened by declining salmon abundance, toxic exposure, surface impacts from the boat traffic, and underwater noise. To find out more and to learn about responsible whale watching for your visit to Seattle in 2011, see www.whalemuseum.org. (Photo J. Atkinson)



The tireless dedication and endless good humor of (from left to right) Eric Knudsen (Past President), Larry Dominguez (Past President), Jim Shannon (President) and Mark Pedersen (President-Elect) have revitalized the WA-BC Chapter.





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- ✓ Party at Bumbershoot Music Festival
- ✓ There's a lot more www.VisitSeattle.org/Visitors



Courtesy: Pat Neelson, HTI



Courtesy: Patrick Moran, USGS



Courtesy: Linda Petre Moberly



"Shadow of the Salmon" by Willosy Pearce
 Courtesy: Steve Robinson



Courtesy: Tim Thompson

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About the Tributary

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About the American Fisheries Society

The mission of the American Fisheries Society is to improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.

<http://www.fisheries.org>

About the Western Division of the American Fisheries Society

Established as the first Division of the [American Fisheries Society](#) in 1948, the Western Division now includes [Chapters](#) from twelve western states, British Columbia, Yukon Territories, and Mexico. Our members represent a tremendous array of fisheries workers involved in all aspects of the fisheries profession. The collective diversity and expertise of Western Division members is the basis of an intimate and unparalleled familiarity with fisheries resources and issues within our geographic region. Division objectives are to provide a forum for exchanging technical and policy information, promote understanding by regional, Federal, and state policy-makers of the nature and extent of fishery matters of concern to the membership, facilitate timely exchange of information to chapters and the general membership, and provide a vehicle for the active participation of individual members in Society business and professional activities.

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