



# THE TRIBUTARY

A Newsletter of the

Western Division of the American Fisheries Society

Volume 35, Number 2

May 2011

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## Several WDAFS Awards Nominations Extended to May 15, 2011

There are many extremely deserving WDAFS folks out there, and since we did not receive many nominations for some of our awards, we are **EXTENDING THE DEADLINE**. Now is the time to recognize your friends, colleagues, organizations, and others you feel have gone beyond the call of duty for fisheries management and conservation in western North America. The good news is the application process won't take more than a few minutes of your time, and will mean a lot to both the person awarded, and the fisheries profession. Please take the time and recognize someone special! Below are the awards with extended deadlines. \*Nominate NOW!, NOMINATE NOW AND OFTEN!!\*

See <http://www.wdafs.org/committees/awards/awards.htm> for links to a list of prior recipients:

1. **Award of Excellence** (not extended)
2. **Award of Merit**. This award is given to an AFS member(s) who has made a regionally significant and worthy contribution to our Division, our profession, or our fishery resources.
3. **Award of Special Recognition**. This award is given to an individual or to an entity (AFS member or non-member) making a significant contribution to the development and success of the Western Division.
4. **Robert Borovicka Conservation Achievement Award**. This award is given annually to an individual (AFS member or non-member) who has significantly contributed to fishery conservation within the Division. The individual may be a non-member of AFS.
5. **Conservation Achievement Award**. This award is typically given to an entity (such as an agency, tribe, or organization) that has demonstrated a significant contribution to the conservation of fishery resources within the Division.

For all awards listed above, write a no more than one page description why the individual or organization deserves the particular award (Please specify WHICH award you want your nomination to go toward). Awards will be presented at the Seattle Annual AFS/WDAFS meeting in September. Please email all award nominations to Leanne Roulson at [leanne.roulson@msu.montana.edu](mailto:leanne.roulson@msu.montana.edu) by Sunday, May 15, 2011.

## Additional Deadlines

### Remember to vote for the new officers of the Western Division!

This year we have one excellent candidate for the Vice President position of the Western Division; Pam Sponholtz. Once elected into the Vice President position, the candidate continues cycling through the Western Division Officer positions, rotating to President-Elect, President, and then Past-President over a four year period. Mary Buckman, our current Secretary-Treasurer, is eligible for a second, two-year term, and would like to continue being part of the WD team. Candidate statements from Pam and Mary are provided on pages five and six of this newsletter. Please cast your votes for both of these gals, using SurveyMonkey at:

<http://www.surveymonkey.com/s/FM2X8KG> Voting is currently open, and will remain open until May 31, 2011.

### The Project Grant Application Period Deadline is May 15, 2011

The Western Division currently has project funding available for Division Chapters, Subunits, and other fisheries-related groups. Grants are usually modest (less than \$2,500 total is available for FY 2011) but can help get a project started or be used to complement other funding sources. For information about the application process and criteria for awarding grants, go to the Western Division website (<http://www.wdafs.org>) and search under the Awards button at the top of the home page. Applications must be received by the Western Division President no later than May 15, 2011. Questions should be directed to Lori Martin at: (970) 255-6126 or [lori.martin@state.co.us](mailto:lori.martin@state.co.us)

### Graduate-Level Student Scholarship Application Deadline is May 15, 2011

Please be aware that the Western Division of the American Fisheries Society deadline for the 2011 graduate-level student scholarship applications is May 15, 2011. This scholarship program provides up to \$3,000 annually in scholarships to master's or doctoral students in the general area of fisheries science with one to three awards to individual students. Beginning in 2002, the Sustainable Fisheries Foundation established the William Trachtenberg Memorial Scholarship Fund, which augments the Western Division scholarship program. This fund provides up to \$600 annually to a graduate-level student conducting studies on fisheries sustainability. Applications for the Western Division scholarship program will automatically be considered for the Sustainable Fisheries Foundation scholarship program as well. Procedures for the 2011 application process can be found on the Western Division website ([http://www.wdafs.org/committees/graduate\\_student\\_scholarship/E\\_Maughan\\_graduate\\_scholarship\\_background.htm](http://www.wdafs.org/committees/graduate_student_scholarship/E_Maughan_graduate_scholarship_background.htm)). Questions should be directed to Bob Gresswell at: (406) 994-7085 or [bgresswell@usgs.gov](mailto:bgresswell@usgs.gov)

### Student Travel Expense Grant Request

Undergraduate and graduate-level students interested in applying for financial assistance to attend the Annual Meeting of the Society, Western Division, and Washington-British Columbia Chapter in Seattle, September 4—8, 2011 may do so by contacting Lori Martin ([lori.martin@state.co.us](mailto:lori.martin@state.co.us)) for a copy of the 2011 Student Travel Expense Grant Request application. The WDAFS will judge applicants requesting funds based on the criteria listed below, although it is NOT required that all applicants demonstrate all of the following.

- Active membership in a WDAFS chapter and/or AFS Section
- Officer role in a student subsection
- A need for the funding requested
- Willingness to volunteer time at the meeting (volunteer time is REQUIRED of applicant)
- Membership in an international AFS chapter (Mexico or Canada)

It is mandatory for students that receive funding from the Western Division to volunteer their time during the Annual Meeting in Seattle. Applications must be received by the Western Division President no later than June 17, 2011. Questions should be directed to Lori Martin at: (970) 255-6126 or [lori.martin@state.co.us](mailto:lori.martin@state.co.us)

# Officers

## President

Lori M. Martin  
Colorado Division of Wildlife  
711 Independent Avenue  
Grand Junction, CO 81505  
Phone: (970) 255-6126  
[Lori.Martin@state.co.us](mailto:Lori.Martin@state.co.us)

## President Elect

Dave Ward  
Columbia Basin Fish and Wildlife Authority  
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## Vice President

Tina Swanson  
Phone: (415) 472-2748  
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## Secretary-Treasurer

Mary Buckman  
Biometrician (Oregon Department of Fish and Wildlife, retired)  
3248 SW Long Avenue  
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## Past President

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## President's Hook

Since we talked last, plenty has been going on in AFS, and around the world. Let's start with what's been going on in our neck of the woods. Western Division (WD) Officers traveled to and participated in all of the Chapter annual meetings; thank you, WD Chapters, for your gracious hospitality and efforts hosting informative meetings and opportunities for networking. Several WD Committees have also been busy forging ahead with important tasks. The Western Native Fishes Committee is in the process of uploading geospatial files into a program that will become accessible and available to the WD membership and general public. We graciously accepted the offer of Colorado-Wyoming Chapter Webmaster Kevin Gelwicks to assist us in updating the WD website so we are able to communicate time sensitive, important information to our membership and others. Folks responsible for keeping track of our WD history are pursuing permanent storage of this valuable information in Spearfish, South Dakota's DC Booth National Fish Hatchery. Past President Leanne Roulson has actively been seeking nominations for WD awards, and the incoming WD Vice President position. We have extended the deadline to May 15 to accept more nominations for specific awards (see page one in the newsletter). Please consider taking a bit of time out of your busy schedule to nominate and recognize your colleagues for "jobs well done"! Our Student Committee led by Kelly Stockton has been diligently working to establish a new position on the WD Executive Committee (ExCom). The ExCom recently approved pursuing changes to our Bylaws that would include a Student Representative as part of the ExCom. This new position would be filled in September 2011, per approval by the WD membership of Bylaw revisions reflecting this additional position on the ExCom. And last, but certainly not least, many folks from the Washington-British Columbia Chapter and WD are contributing their time and energy to make the 2011 Annual Meeting of this Chapter, WD, and Society a huge success in Seattle, September 4—8! Check out all of the meeting details at <http://afs2011.org/>. These are just a few of the major activities occurring within the WD over the last couple of months. Thanks to all of you for your interest, dedication, and efforts! What a great start for WD in 2011!

All of these great WD achievements made me proud as I prepared to meet-up with President-Elect Dave Ward in Bethesda, Maryland, and share our WD highlights with other AFS members attending the Society's mid-year Governing Board gathering. Mid-year activities included meetings of the Management Committee, as well as the Governing Board, and offered opportunities for representatives from multiple subunits within the Society to interact, network, and accomplish business of the Society. Major items of discussion and action included: 1) the Society exploring methods for providing liability insurance to Chapters and Sections acting outside of the US that are equivalent in their coverage and costs to insurance provided to Chapters and Sections acting in the US; 2) the Society automatically assigning all student members of AFS to the Student Subsection of the Education Section to assist students integrating into Society activities; 3) the Society providing up to \$5,000 to conduct a pilot, distance education offering of the "Leadership at all Levels" workshop at the Annual Meeting in Seattle; 4) the Society providing \$1,000 to support a comprehensive survey of AFS members regarding continuing education (including distance education) interests that will guide the AFS Continuing Education Program; 5) approval by the Governing Board of procedures for application and selection of AFS mentees in the AFS Mentor Program; 6) approval by the Governing Board to send the North Central Division's resolution entitled, "Resolution on the ecological separation of the Great Lakes and Mississippi River drainage basins" to the AFS membership for a vote on adoption; 7) the Society providing up to \$10,000 to cover the cost of hiring a contractor to conduct surveys related to the Executive Director Succession; and 8) the Resource Policy Committee developing a motion regarding a policy statement on lead in sport fishing tackle. If you are more interested in any of these topics, the Society has now posted the Briefing Book for the mid-year meetings, as well as meeting minutes of both the Management Committee and Governing Board for your review on the Society's website at <http://www.fisheries.org> under the "About Us" tab.

We accomplished a great deal of AFS business that weekend in Bethesda. However, our success became subdued as we began learning more about the disaster occurring on the other side of the world. Our Japanese counterparts were just beginning to assess the impacts of the earthquake and tsunami on not only their country, but others worldwide.

Continued on the next page

## President's Hook

The Society is thankful to report that all of our Japanese members and their families appear to be safe, and not directly affected by this catastrophe. Time will tell us more as we continue to follow the problems associated with the Fukushima reactors, and radiation leaking into our atmosphere and ocean.

We have been busy at all levels in AFS since we talked last. I suspect this traditional behavior pattern will continue as we round out the rest of the year preparing for our Annual Meeting and accomplishing other goals we set this past fall. We are fortunate, not only as WD members, but as members of a diligent, prosperous, and compassionate Society that spans across many peoples and many lands. Let's not lose sight of our achievements, should they be in our personal or professional lives.

Lori Martin, President WDAFS



## Vice President Candidate for Western Division

Voting will commence April 29 through May 31 at: <http://www.surveymonkey.com/s/FM2X8KG>

**Candidate is:** Pam Sponholtz

After obtaining my undergraduate degree at Illinois Wesleyan University in biology, I went to work for the Environmental Protection Agency for six years sampling the Great Lakes on a 200ft long research boat for phyto and zooplankton. After a life changing backpacking trip to Grand Canyon National Park, I was inspired by the plight of western native fishes and pursued a master's degree in biology from Northern Arizona University, in Flagstaff, Arizona. My thesis evaluated native and nonnative fish populations under different stream disturbance regimes including cattle grazing and channel modification. After graduating, I went on to work for the Arizona Game and Fish Department as the State Aquatic Habitat Specialist before my current position as a the Western Project Coordinator for the U.S. Fish and Wildlife Service's Arizona Fish and Wildlife Conservation Office in Flagstaff, Arizona. My current position and interests focus primarily on the recovery and monitoring of native fishes in the western and northern part of Arizona, including the Colorado and Verde Rivers.

I've been a member of the American Fisheries Society since college and active in the Arizona-New Mexico Chapter for many years where I have served on the Excomm as Secretary/Treasurer and President. In addition, I have been and continue to be integrally involved in putting on society meetings at the chapter level in conjunction with the Wildlife Society, Division level, and even the parent society meeting held in Phoenix. If I have the opportunity to become more involved in the Western Division as the Vice President, I'd like to focus on retention of existing members plus draw and attract new members into the Western Division and Society as a whole by reaching out to nontraditional partners. I believe that our strength as a society is in the diversity of our members through new ideas, improved collaboration, and passion for the resources that we study and work to protect.



## Secretary-Treasurer Candidate for Western Division

Voting will commence April 29 through May 31 at: <http://www.surveymonkey.com/s/FM2X8KG>

**Candidate is:** Mary Buckman

I am a candidate for Secretary-Treasurer of the Western Division of AFS, seeking to return to that position for a second term.

In my capacity as Secretary-Treasurer for the Division, I am responsible for taking minutes of meetings, managing the Division financial accounts including cash for regular operations and the Grants Endowment Fund, preparing the Division tax return, and participating in Executive Committee planning and decision-making. I am co-chair of the Audit Committee for the Parent Society and a member of the team that is planning and organizing the Seattle 2011 National Meeting.

I have been a member of AFS since 1986 and began my active involvement with the Oregon Chapter as Secretary-Treasurer in 1996. During my term as Secretary-Treasurer, the Oregon Chapter hosted the Western Division meeting with its accompanying responsibilities. I continued work with the Chapter as webmaster from 1997 to 2000. This led to a 3+-year rotation from 2001—2003 as Oregon Chapter President-elect, President, and Past-President. Duties included organizing the annual meeting; testifying at the Oregon legislature; writing for the newsletter; working with the Student Chapter; coordinating committee work; communicating with members; interacting with agencies, non-profits, and other organizations; and participating in the Western Division Executive Committee. Additionally, I organized several symposia and two Continuing Education statistical workshops for Oregon Chapter meetings.

Professionally, I am a partly-retired Biometrician, having worked for 32+ years with the Oregon Department of Fish and Wildlife (ODFW). I continue to work part-time on some statistical projects. I have a B.S. in Fisheries and an M.S. in Statistics from Oregon State University. I began my career with ODFW in 1977 on a large research project on the Rogue River system. From 1986—2009, I served as Biometrician for ODFW, consulting with staff throughout the agency on design and analysis of experiments and surveys.

### **Statement:**

My goals as Secretary-Treasurer remain the same. First, as Treasurer, I will ensure our financial house is in order. This includes reporting our financial status to the Executive Committee and membership, collecting fees and disbursing funds in a timely manner, maintaining secure and accurate financial records, and complying with Society and government rules regarding the Division. Secondly, as Secretary, I will keep accurate records of Division action and decisions, conduct correspondence as authorized by the membership or Executive Committee, and ensure information about Division proceedings and actions are available to the membership and the Society. Finally, as a member of the Executive Committee, I will actively participate in decision-making, review policy statements and position papers authored by the Division and its committees, contribute to development and execution of the annual meeting, work to keep the membership informed and involved in Division activities, and assist with the exchange of information among the chapters in the Division.

I am honored to be nominated for this position and look forward to the opportunity to return to the position of Secretary-Treasurer of the Western Division.

## Student Representative for Western Division AFS

Voting will commence April 18 through May 18. All students that are a member of a Student Subunit, State Chapter, or Western Division are eligible to vote. Students will receive voting information via email by April 18; if voting information is not received, please contact Kelly Stockton at: [stoc4872@vandals.uidaho.edu](mailto:stoc4872@vandals.uidaho.edu)

### Candidate is:

Mariah Mayfield, Montana State University. I am currently a Masters candidate in Fisheries Management, working on a trout movement and habitat use study in the upper Clark Fork River Superfund site, with an estimated graduation date of summer 2012. Since beginning graduate school at MSU in 2009, I have tried to be involved with AFS on all levels. I was appointed secretary of the MSU Subunit for this year, where I organized the first annual Student/Professional Mentoring Social at the Montana AFS meeting, an event that was very well-received by those who participated. Additionally, I was recently asked to take the position of Continuing Education Chair for the Montana State Chapter. I have also attended the last two Western Division Student Colloquiums, which has become one of my favorite events of the year.

Through my experiences at the Student Colloquium, I have realized that there is a large disconnect between the Subunits and to the whole of the Western Division. This disconnect is not because of lack of interest, but rather due to a lack of communication between the Subunits and the Division. If elected, my primary goal would be to foster communication among the Subunits and to reach out to those chapters that have had limited participation in Student Colloquiums in the past. It is also important for all students to understand the resources available to them at the divisional level (awards, scholarships, networking opportunities, etc) and I would make sure that this information is disseminated to all students within the Division. Additionally, I would like to see a recurring student column in the Tributary newsletter, highlighting the great things that Subunits are doing around the division. I love meeting other students and professionals from around the Division and I think that I would make a very approachable, organized, and enthusiastic Western Division Student Representative.



## Acoustic Challenges in Aquatic Ecosystem Assessment

The Acoustical Society of America and the American Fisheries Society are cosponsoring a special workshop titled Acoustic Challenges in Aquatic Ecosystem Assessment. The workshop will be held in conjunction with the 161st meeting of the ASA. They are now soliciting abstracts for oral and poster presentations. For more information please visit the web site.

**May 25—27, 2011**  
Seattle,  
Washington

[http://acousticalsociety.org/meetings/future\\_meeting/seattle/fisheries](http://acousticalsociety.org/meetings/future_meeting/seattle/fisheries)

### TOPICS OF INTEREST:

- Ecosystem Based Resource Management
- Statistical Analysis for Fisheries Assessment
- Cabled Observatories
- Progress in Fish Tagging
- Active vs. Passive Assessment
- Detecting and Monitoring Episodic Events
- Monitoring Renewable Energy Sites
- Acoustical Models for Fisheries Assessment
- Acoustic Species Discrimination
- Habitat Inventory
- Quantitative Assessments in Noisy Environments

### KEYNOTE SPEAKER:

John Simmonds, co-author of Fisheries Acoustics, Acoustic technologies to support fisheries management, research, and policy.

## Smith-Root Introduction to Electrofishing Courses

### Introduction to Electrofishing Course

1—2 June, 2011 in Red Lake, Minnesota

<http://www.smith-root.com/calendar/train/introduction-to-electrofishing-class-june-2011/>



This is a two-day class being held at Minnesota DNR facilities in Red Lake, Minnesota. The first day consists of a classroom lecture-based session covering basic electrical theory, electrofishing equipment, operation and safety, and applied electrofishing methods. The second day is a practical field-based session where participants operate electrofishing equipment and apply information learned in the classroom.

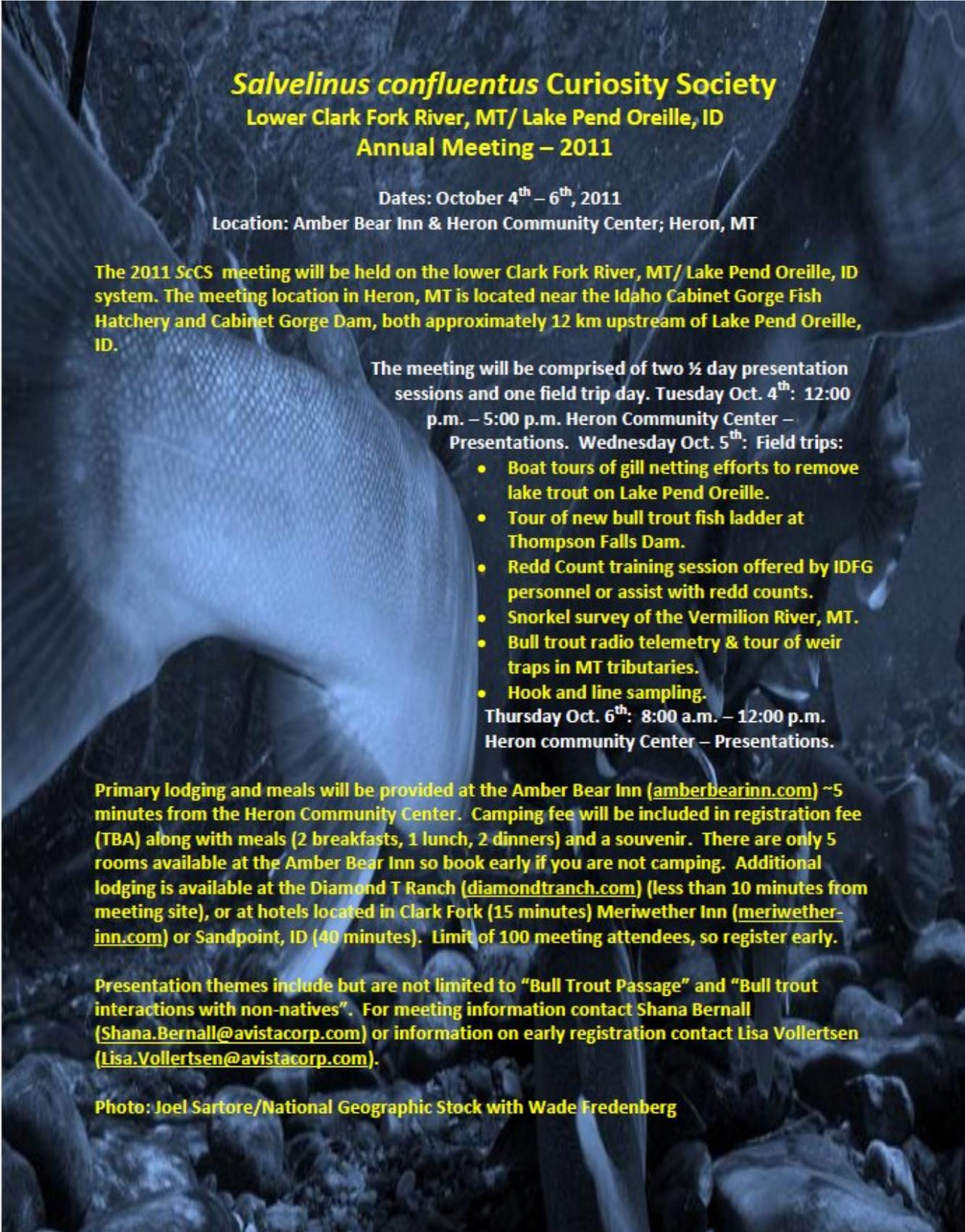
### Introduction to Electrofishing Course

21—22 September, 2011 in Vancouver, Washington

<http://www.smith-root.com/calendar/train/introduction-to-electrofishing-class-september-2011/>

This is a 2-day course being held at Smith-Root, Inc. headquarters in Vancouver, WA. The first day consists of a classroom lecture-based session covering basic electrical theory, electrofishing equipment, operation and safety, and applied electrofishing methods. The second day is a practical field-based session where participants operate electrofishing equipment and apply information learned in the classroom.

Additionally, As of November 1, 2010 anyone purchasing a new backpack electrofisher from Smith-Root will receive a voucher to attend one class. The voucher is good for one year; transportation and lodging are not included.



## ***Salvelinus confluentus* Curiosity Society**

### **Lower Clark Fork River, MT/ Lake Pend Oreille, ID**

### **Annual Meeting – 2011**

Dates: October 4<sup>th</sup> – 6<sup>th</sup>, 2011

Location: Amber Bear Inn & Heron Community Center; Heron, MT

The 2011 ScCS meeting will be held on the lower Clark Fork River, MT/ Lake Pend Oreille, ID system. The meeting location in Heron, MT is located near the Idaho Cabinet Gorge Fish Hatchery and Cabinet Gorge Dam, both approximately 12 km upstream of Lake Pend Oreille, ID.

The meeting will be comprised of two ½ day presentation sessions and one field trip day. Tuesday Oct. 4<sup>th</sup>: 12:00

p.m. – 5:00 p.m. Heron Community Center –

Presentations. Wednesday Oct. 5<sup>th</sup>: Field trips:

- Boat tours of gill netting efforts to remove lake trout on Lake Pend Oreille.
- Tour of new bull trout fish ladder at Thompson Falls Dam.
- Redd Count training session offered by IDFG personnel or assist with redd counts.
- Snorkel survey of the Vermilion River, MT.
- Bull trout radio telemetry & tour of weir traps in MT tributaries.
- Hook and line sampling.

Thursday Oct. 6<sup>th</sup>: 8:00 a.m. – 12:00 p.m.

Heron community Center – Presentations.

Primary lodging and meals will be provided at the Amber Bear Inn ([amberbearinn.com](http://amberbearinn.com)) ~5 minutes from the Heron Community Center. Camping fee will be included in registration fee (TBA) along with meals (2 breakfasts, 1 lunch, 2 dinners) and a souvenir. There are only 5 rooms available at the Amber Bear Inn so book early if you are not camping. Additional lodging is available at the Diamond T Ranch ([diamondtranch.com](http://diamondtranch.com)) (less than 10 minutes from meeting site), or at hotels located in Clark Fork (15 minutes) Meriwether Inn ([meriwether-inn.com](http://meriwether-inn.com)) or Sandpoint, ID (40 minutes). Limit of 100 meeting attendees, so register early.

Presentation themes include but are not limited to “Bull Trout Passage” and “Bull trout interactions with non-natives”. For meeting information contact Shana Bernall ([Shana.Bernall@avistacorp.com](mailto:Shana.Bernall@avistacorp.com)) or information on early registration contact Lisa Vollertsen ([Lisa.Vollertsen@avistacorp.com](mailto:Lisa.Vollertsen@avistacorp.com)).

Photo: Joel Sartore/National Geographic Stock with Wade Fredenberg

## Alaska Chapter Meeting Recap

The 2010 Alaska Chapter annual meeting was held November 3—5 in the capital city of Juneau. The meeting started off a bit rocky when high winds forced several students to overnight in Anchorage, delaying the start of continuing education classes. But the winds died down by the start of the conference itself resulting the most well attended meeting in years. Gordon Kruse and Keith Criddle were the plenary speakers and did an excellent job kicking off the conference's theme of Alaskan Fisheries in a Changing World. Over 280 students and professionals attended the 3-day meeting with 15 diverse sessions including a 30+ poster session luncheon.

Several awards were presented at the final evening's banquet; including the Alaska Chapter Service Award (Gretchen Bishop); Almost Darwin Award (2009 Kwethluk SaRON field crew); and acknowledgment of attendees who had been members of the National AFS Chapter for 25 years or more. In addition Gordon Kruse presented Jennifer Stahl with the American Institute of Fisheries Biologists W.F. Thompson Award for the best student paper published in 2008 (Spatial and temporal variability in size of maturity of walleye pollock in the eastern Bering Sea).

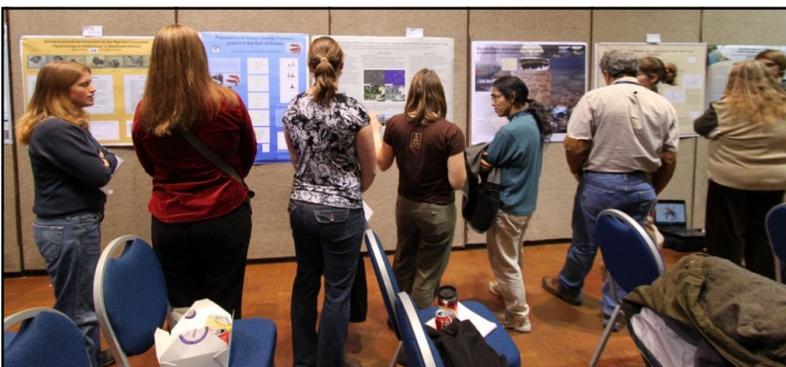
At the conclusion of the meeting Jason Neuswanger, won the best student paper award (The roles of territoriality and detritus in wild juvenile Chinook salmon drift-feeding behavior) and Jamie McKellar won the best student poster award (Population structure and reproductive status of razor clams, *Siliqua patula*, in eastern Cook Inlet). Both students attend the University of Alaska Fairbanks – School of Fisheries and Ocean Sciences.



Contributed paper in the salmonids symposia.



Gretchen Bishop receives the Alaska Chapter Service Award from Allen Bingham.



Participants mingle during the poster session.

## California-Nevada Chapter Meeting Recap

The CalNeve Chapter had an excellent conference this spring, which was held in association with the Inter-agency Ecological Program's Annual Conference. It was attended by more than 250 biologists, engineers, and other scientists. The conference began on Thursday with symposia (Bioengineering and Water Quality Regulation) and training (Electrofishing and Permits for Research). At least 80 people participated in these events to great effect. The evening had a well attended poster session and job fair.

Our Plenary Session on Friday morning featured four speakers who focused on the conference theme (Fisheries Research and Management for a Changing World--The Importance of Innovation, Adaptation, and Partnerships): Lee Miller, Felix Smith, Anke Mueller-Solger, and Kevin Shaffer. Our six Technical Sessions (San Joaquin River Restoration Project; Native Fishes; Marine & Estuarine Fishes; Habitat Restoration; Anadromous Salmonids; and Miscellaneous Papers) featured a total of 51 oral presentations on Friday afternoon and Saturday morning.

Friday night's Banquet was exciting with numerous awards. Pat Brandes was awarded a Distinguished Professional Achievement Award, while Steve Lindley was given a Conservation Achievement Award. Mark Gard and Stephanie Theis were also recognized for their contributions as Chapter President and Chapter Treasurer, respectively. Students received a number of awards including two \$800 awards to attend the national conference in Seattle. All of this was followed by a very rowdy raffle that raised a substantial fund for the chapter.



Members of the ExComm.



Pat Brandes receives the Distinguished Professional Achievement Award.



Chapter members at the banquet.



A student presentation.

## Colorado-Wyoming Chapter Meeting Recap

The Colorado-Wyoming Chapter hosted their 2011 annual meeting jointly with the Colorado Chapter of the Wildlife Society. This was the first time our chapters had hosted a joint meeting in 17 years. The meeting was held February 22—25, 2011 in Fort Collins, CO and examined the topic of recruitment and retention of natural resource recreationists. We enjoyed presentations by many invited speakers for the first day and a half, including those from Stephen Guertin (Regional Director, Mountain-Prairie Region of the USFWS), John Organ (Chief, Division of Wildlife and Sport Fish Restoration, USFWS), Wayne Pacelle (President & CEO, The Humane Society of the United States), Ken Finch (President, Green Hearts Institute for Nature in Childhood), Dr. Cheryl Charles (Co-founder and President of Children and Nature Network), and Ted Nugent (Producer & Host of "Spirit of the Wild" TV Show and Rock Legend). We also shared ideas and presented research through 40 member-contributed papers and posters the next day and a half. We capped off our meeting with a joint banquet and a lively auction. Thanks to the many volunteers from both societies, our speakers, and our many sponsors for making this meeting a great success.

## Idaho Chapter Meeting Recap

The Idaho Chapter of the American Fisheries Society held its annual meeting in Boise, Idaho during March 1—4. The Aquaculture Committee organized a well attended pre-meeting workshop focusing on Hatchery Bio-Security. The plenary session was titled: "Native Peoples Fisheries: Perspectives on Past, Present and Future" and was organized by the Chapter's President Elect Jason Vogel. Over 300 fisheries professionals and students enjoyed a range of talks and posters from sessions including Anadromous Fish Management; Chinook salmon Ecology and Management; Steelhead Ecology and Management; Native Fish Ecology; and Management, Education, and Methods. The 3rd annual 'Spawning Run' enticed 50 participants and the Fundraising Committee broke new records at the banquet raising funds to support the Chapters' many projects.

The Idaho Chapter is strengthened by strong involvement of two student sub-units and eight committees. Individuals recognized for their contributions toward the fisheries profession included Jack Siple: Excellence in Aquaculture; Bryan Grant, Tarah Johnson, and Vaughn Paragamian: Distinguished Service Award; Paddy Murphy and Jim Gregory: Outstanding Professional Award; Mick Hoover and Ernest Keeley: Award of Merit; Kevin Meyer: Outstanding Mentor of the Year; and Sue Ireland: RL Wallace Native Fish Conservation Award. Others were awarded scholarships including: Kendra Graber, Katie McBaine, Matt Green, and Amy Long. Recipients of top presentation awards included: Joe Chapman, Alex Urquhart, Kelly Stockton, and June Johnson.

The Chapter's Executive Committee welcomes its newest members Joe Dupont, Vice President; Bill Horton, Secretary/Treasurer; and Mary Faurot, Nominations Chair.

Please join us for next year's meeting in Coeur D'Alene, Idaho March 7—9. The meeting will begin with workshops on March 5—6.

### *Native Peoples Fisheries:*



*Perspectives on Past, Present, and Future*

Artwork from the Idaho Chapter 2011 Annual Meeting .

Continued on the next page



New Idaho Chapter EXCOM members (from left) Bill Horton – Secretary/Treasurer, Mary Faurot – Nominations Chair, and Joe Dupont – Vice President.



Presentation of Suan B. Martin Scholarship to Amy Long from Don Martin and Lauri Monnot.



Presenting Jack Siple the Excellence in Aquaculture Award.



Paddy Murphy receives the Outstanding Professional Award.



Past President Jim Fredericks and President Ernest Keeley.



The Poster Session featuring 28 posters.

## Oregon Chapter Meeting Recap

The Oregon Chapter's Annual Meeting in February 2011 drew some 390 professionals, including more than 60 students, to participate in "Managing Through Science not Emotion". The theme of this meeting was focused on the idea that integrity in science means taking all necessary measures to ensure that neither conscious nor unconscious bias influences the result. Despite emotions and the existence of other biases, natural resource managers cannot let these elements form the basis of our decisions. As scientists, we must take advantage of safeguards built into science to minimize bias given the politicization of science. This year's Annual Meeting challenged participants to do all that can be done to ensure that science is conducted, disseminated, and provided in forums and by means for all to implement and understand.

**Plenary:** Dr. Don Chapman, the guru of salmon science in the Pacific Northwest, kicked-off the meeting with an energetic, controversial, and thought-provoking presentation, "Perspectives from the Idaho High Country". Dr. Chapman summarized his history with salmon and steelhead management in the Columbia Basin, saying that his 1960s push to manage salmon via production models was "pretty much a useless exercise" because the productive capacity of the river was being simultaneously and subsequently diminished by hydropower development. Although many processes have been designed over the years to reduce hydropower impacts, fishery benefits have always gotten short shrift compared to operations benefitting the "Pork Alliance". The Bonneville Power Administration's and the Northwest Power and Conservation Council's efforts to mitigate for the impacts of the Columbia Basin Hydropower System were described as grossly inadequate, and he expressed disappointment with the parties to the Columbia Basin Fish Accords. Compounding the impacts of river development is Climate Change, and the warming of the Columbia and Fraser rivers and the North Pacific, which contributes to increased adult and juvenile salmonid mortality and habitat loss. "Warming effects on fish and habitat are THE fishery issue of our time!" he expounded. Dr. Chapman then discussed the need, at a minimum, to immediately begin studying breaching of the four lower Snake River dams, and his reasoning for believing breaching the four lower Snake River Dams is the only way to prevent ESA listed Snake River salmon and steelhead population from going extinct – to reclaim productive spawning and rearing habitats and improve the connection between pristine, protected headwater habitats and the lower Columbia. Along these lines, Dr. Chapman praised the efforts of the Nez Perce tribe for continuing its breaching fight. Dr. Chapman walked right among the audience to field the many questions spurred by his presentation, and stayed for the entire meeting, continuously fielding questions, discussing his beliefs, mentoring students, and enjoying the socials. Comments on the plenary were numerous, recognizing Dr. Chapman's ability to stir up controversy while promoting and provoking broader thought on the controversial recovery issue.

Soon to be retiring Fish and Wildlife Service biologist Tony Faast presented "The Sound of Science". Tony's humorous and insightful presentation discussed the current and confusing state of science in society. Tony described how at one time in the recent past there was a thing called "science". A fairly descriptive term, science generally stood for a process to pose a research question, define an objective, carry out a defined procedure, and report on the results. As explained by Tony, however, there are now apparently different "kinds" of science, seemingly always with qualifiers like: good, bad, flawed, adequate, etc. During the last decade Tony applied his finely tuned "trained observer skills" to collect 41 different "kinds of science" referred to in media, journals, and presentations – which he graciously shared with the audience.

**Workshops:** Two workshops preceded the meeting and educated some 35 members. The Instream Flow and Fish Habitat workshop was organized by Tim Hardin (ODFW) and was designed to give participants a basic understanding of hydrological statistics, hydraulics, and specific instream flow methods. This workshop provided a truly hands-on experience for participants that included demonstration of methods in the Deschutes River just outside the workshop venue.

The Fishery Photography workshop, organized by Jeremy Monroe and Rich Grost, provided training in photographic methods used to document fish and habitat characteristics. This course covered selection of equipment, set-up and use of equipment, professional tips for improving photography, and field methods for special types of images. Participants benefitted from the Q & A format that encouraged participants to ask questions specific to their fishery photography needs.

## Oregon Chapter Meeting Recap

**Technical Sessions:** Twenty technical sessions accommodated 130 oral presentations and 28 posters on topics ranging from salmonid passage, aquatic insects, habitat restoration, lamprey, and fish culture to the application of science in the fields of restoration ecology and education. The diversity of material presented was impressive, with talks ranging in focus from basic through applied, from macro-scale to microorganisms, and from the marine environment to headwaters. Our moderators did an outstanding job of facilitating audience involvement through question-and-answer sessions.

**Awards:** The 2011 Annual Meeting was a place to share ideas, learn about state-of-the-art research, visit with old friends, and meet new friends. It was also a place to recognize the achievements of our colleagues. This year's professional awards were expertly managed by Mindy Simmons and the Awards Committee. Congratulations to the award winners, and thanks to all of the nominators.

**Award of Merit:** Gary Yeager (ODFW)

**Bill Wingfield Award in Fish Culture:** Roaring River Hatchery Staff (ODFW)

**Fishery Team of the Year:** Partnership for the Umpqua Rivers

**Fishery Worker of the Year:** Dr. Robert Hughes (OSU/Amnis Opes Institute)

**Past President Award:** Rich Grost (PacifiCorp)

**Broken Oar:** The Upper Willamette Reservoir Research Project (ODFW)

### Student Scholarship Winners

The 2011 OR AFS student scholarships were awarded to:

- Mike Foulke, A.A., Mount Hood Community College
- Allison Estergard, B.S., Oregon State University
- Greg Silver, M.S., Portland State University
- Allison Evans, Ph.D., Oregon State University

**Carl Bond Scholarship:** Whit Bronaugh (Ph.D., Oregon State University)

### Best Student Paper and Poster

- Best Student Paper: Tracey Momoda (OSU) and Ben Clemens (OSU, runner-up)
- Best Student Poster: Ian Wilson (OSU) and Justin Huff (OSU, runner-up)



Plenary speakers Dr. Don Chapman (left) and Tony Fast (right) visit with President-Elect and Planning Committee Chair Colleen Fagan (middle) at the Annual Meeting.



Mark Villers of Blue Ridge Timber Cutting describes his specialized work pulling down trees and placing giant logs in rivers.

Continued on the next page



Dr. Bob Hughes, winner of the Fishery Worker of the Year Award for an exemplary career in fishery science.



Rich Grost accepts the Past President Award. Thanks, Rich, for your dedication to the Chapter!



Tyler Lebard (left), Tim Schamber (middle), and Luke Allen (right) accept the Wingfield Award.



Tracey Momoda, Ben Clemens, Justin Huff, and Ian Wilson (from left to right) accept their best student paper and poster awards.



Jeff McEnroe (left), Eric Riley (middle), and Dan Jenkins (right) accept the Fishery Team of the Year Award.



Congratulations to the student scholarship winners! From left to right: Allison Evans, Brook Silver (recipient Greg Silver's wife), Allison Estergard, and Mike Foulke. Whit Bronaugh not pictured.

## NCTC Makes Scarce Bull Trout Photos Available – No Bull!

The enterprising efforts of a National Geographic photographer, Region 6's bull trout coordinator, and U.S. Fish and Wildlife Service's National Digital Library have made new photos of one of nature's most highly-prized – and threatened – fish species available for agency and public use. Twenty-five of National Geographic's best bull trout still images are now posted in low-resolution format for public domain use, bolstering efforts to draw attention to the declining species, which was listed as threatened throughout its range in 1999 by the U.S. Fish and Wildlife Service. Region 6 bull trout coordinator Wade Fredenberg teamed with noted Geographic photographer Joel Sartore in 2009 to capture underwater and aquarium-staged shots of bull trout in British Columbia's Wigwam River drainage, the headwaters of the Kootenai River, known as the "crown jewel" of bull trout spawning areas. The remote region supported as many as 2,500 bull trout spawning redds as recently as 2006, and the duo spent two days applying some high-tech techniques to capture split-view close-ups of bull trout from above and below the water surface. "I've always been frustrated that the 'dead fish on a stick' or 'flopping fish being released' shots just can't do this species justice," says Fredenberg. "The 48 hours spent getting these photos were one of the personal highlights of my career. Not only were there bull trout, but big bull trout – and lots of them – paired off in the cold, crystalline waters, preparing to spawn. The intervening year while we have been anticipating these photos has been like waiting for Christmas for me." When National Geographic took its magazine article in a different direction and elected not to use the photos, Fredenberg and NCTC image librarian Jenny Peterson quickly purchased rights to the 25 photos and have since posted them online for wider scientific and educational use.

<http://digitalmedia.fws.gov/> Search for "Fredenberg"





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- ✓ Take a Hike or Enjoy September Camping
- ✓ Party at Bumbershoot Music Festival
- ✓ There's a lot more [www.VisitSeattle.org/Visitors](http://www.VisitSeattle.org/Visitors)



Courtesy: Pat Neelson, HTI



Courtesy: Patrick Moran, USGS



Courtesy: Linda Petre Moberly



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



Courtesy: Tim Thompson

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## About the Tributary

The Tributary is the newsletter of the Western Division of the American Fisheries Society published four times per year.

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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.

<http://www.wdafs.org>