



PISCATORIAL PRESS

OREGON CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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PRESIDENT'S CORNER SHOW YOUR PASSION IN BEND

So it appears that the challenge I presented at the end of my last column has been heeded. Through the diligent recruiting efforts of the ExCom and the willingness of numerous members, new blood and energy have made their way into the chapter's External Committees as well as other chapter activities. Jeremiah Osborne-Gowey, external director, has created a level of excitement that has been contagious. Through Jeremiah's efforts, four of our six External Committees now have new chairs. Interest in becoming an ExCom member is also on the rise. In recent years, finding willing souls to volunteer as ExCom members has been an exhausting task for the past president; however, based on Past President Doug Young's recent experience, maybe we have also turned the proverbial corner relative to recruiting individuals to volunteer for the ExCom. Finally, increases in volunteerism and involvement in other chapter activities and opportunities also appear to be on a rise. With other organizations struggling to recruit volunteers, the increase in volunteerism from our membership makes me proud to be a member of this chapter.

The increased level of interest could not have come a better time. This will be an exciting year for the ExCom, External Committee chairs, and the committee volunteers. With the Oregon Legislature in session, it is likely that the various committees may be called upon to draft science-based responses to proposed legislation. In addition, the chapter will once again become active in environmental education, an effort emphasized in previous years.

Recently, the chapter has not been overly active on the legislative front, and this past year, many members expressed concern about

our lack of engagement in legislative issues. Historically, this chapter has been active in legislative issues, and for several years we employed a legislative liaison to keep us abreast of issues that warranted our attention. The ExCom voted in 2002 to eliminate this position. In 2003, the chapter testified numerous times without the assistance of a legislative liaison. During this time the chapter was fortunate to have three volunteers who functioned as activists and took over the duties of the legislative liaison. Included in this group was a student intern who helped track bills and updated the chapter on critical issues on committee agendas. With the help of the Internet, the ExCom could track committee agendas and listen to committee meetings and House and Senate floor sessions. For the sake of space, I will fast-forward to 2009. Several of our members have suggested that we strongly consider funding a legislative lobbyist/liaison once again. With the legislative session already under way, the ExCom feels an expedited decision is required, yet the ExCom is being cautious in making a final recommendation. The ExCom believes that it is prudent to research past actions before developing a strategy for engagement in this session. Do not miss the Business Meeting during the 2009 Annual Meeting, as this will be an agenda item that will likely generate some lively discussion.

During Dave Ward's tenure as president, he had many goals, one of which was for the chapter "to be as active as possible in environmental education." In recent years, the environmental education goal has not been realized. Because the 2008 Annual Meeting (i.e., 2008 WDAFS) was a financial windfall for the chapter, we are in a position to make up for lost opportunities. I

have challenged our new Education and Outreach Committee Chair, Jason Kent, to work with his committee to develop a list of potential environmental education projects that the chapter should consider funding. As with the legislative discussion, do not miss Jason's presentation during the Business Meeting. In addition, show your interest in this chapter activity by participating in the committee discussion immediately following the conclusion of the Business Meeting.

I will end this column by again offering a challenge regarding the upcoming 2009 ORAFS Annual Meeting that will be convened at the Riverhouse Resort in Bend. I recognize that agency budgets are tight and, as a result, some entities may be limiting travel. The limited agency budgets, coupled with the effects of the current economy on our own personal pocketbooks, have resulted in a high level of anxiety regarding attendance at the annual meeting, for some of the ExCom members. The 2009 Annual Meeting Planning Committee has been working hard to develop a program for which the opportunity for professional development meets and possibly exceeds that which has been available in previous years. Around the meeting theme "Sharing our Passion," Program Chair Rich Grost has assembled more than 190 papers/posters as well as several outstanding workshops that will be presented over a three-day period. In addition, we have listened to your comments and analyzed the surveys from previous meetings. As a result, we have expanded the Student-Mentor Session over a two-hour period to allow for increased dialogue among

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2008-2009 Oregon Chapter AFS Executive Committee Officers

President

Neil Ward
503-229-0191, neil.ward@cbfwa.org

President-Elect

Rich Grost
541-498-2617, richard.grost@pacificorp.com

Past President

Doug Young
503-231-6914, doug_young@fws.gov

Vice President

Christy Fellas
503-231-2307, christy.fellas@yahoo.com

Secretary-Treasurer

Shaun Clements
541-757-4263, shaun.clements@oregonstate.edu

External Director

Jeremiah Osborne-Gowey
541-752-0015, jeremiah.osborne-gowey@oregonstate.edu

Internal Director

Martyne Reesman
971-673-6083, martyne.j.reesman@state.or.us

Student Representative

Kristle Warren
warrekri@onid.orst.edu

Oregon Chapter of the American Fisheries Society Mission

Improve the conservation and sustainability of Oregon fishery resources and their aquatic ecosystems for long-term public benefit by advancing science, education, and public discourse concerning fisheries and aquatic science and by promoting the development of fisheries professionals.

2008-2009 Oregon Chapter AFS External Committee Chairs

Education and Outreach

Jason Kent
503-423-3825, Jason.kent@hdrinc.com

Fish Culture

Ryan Couture
541-487-5510 x100, ryan.b.couture@state.or.us

Freshwater Habitat

Steve Starcevich
541-757-4102 x256, steve.starcevich@oregonstate.edu

Legislative Committee

Hiram Li
541-737-1963, hiram.li@oregonstate.edu

Marine Habitat and Ecology

Scott Heppell
541-737-1086, scott.heppell@oregonstate.edu

Natural Production

Jens Lovtang
541-553-2041, jlovtang@wstribes.org

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CHANGE OF ADDRESS:

Please submit a copy of your old and new addresses to:

American Fisheries Society, Membership Assistance

5410 Grosvenor Lane, Suite 110

Bethesda, MD 20814-2199

301-897-8616, foster@fisheries.org, www.fisheries.org

AND

Oregon Chapter of the American Fisheries Society

P.O. Box 8062

Portland, OR 97207-8062

503-229-0191, neil.ward@cbfwa.org

MEMBERSHIP APPLICATIONS:

Contact the national office or the Oregon Chapter, or visit www.fisheries.org. Be sure to tell the national office that you want to be an Oregon Chapter Member, dues are only \$2 per year

OREGON CHAPTER'S ANNUAL MEETING TO BE HELD IN BEND, OREGON 2009 OREGON CHAPTER AFS ANNUAL MEETING- "SHARING OUR PASSION"

Some 200 of us have taken up the call to *Share Our Passion* via workshops and technical presentations, encompassing habitats, fauna, and issues from the ocean floor to headwater streams and the desert beyond. Although concentrated in Oregon, presentation geography stretches from Alaska to Costa Rica and Amazonia, and east into the Great Lakes. Many of us will also share creative passions including underwater imagery, music, and energizing the many social events.

The 2009 Annual Meeting Program includes a robust variety of opportunities for sharing technical expertise, creativity, wild ideas, and generally networking among colleagues. It includes training workshops, a passionate keynote presentation by world famous Fish Worshipper Ray Troll, diverse and relevant technical sessions, poster displays, vendor displays, a student-mentor mixer, awards lunch, banquet, jam session, business meeting, and a post-meeting tour.

Workshops (February 24-25)

Be sure to register for the following workshops (see page 4 for workshop descriptions) as they are filling-up fast:

Workshop 1: Aquatic Invasive Species Identification and Control: How To *Not* Be a Vector; Organizer: Jill Hardiman, (Jhardiman@usgs.gov)

Workshop 2: Fisheries Telemetry: Recent Advances and Techniques for Achieving Success; Organizers: Carl Schreck and Shaun Clements (Shaun.Clements@oregonstate.edu)

Site Tour: Visit Round Butte Dam and New Fish Passage Facilities (and have a free chili-dog); Organizers: Don Ratliff (Donald.Ratliff@pgn.com) and Jim Bartlett (James.Bartlett@pgn.com)

Plenary Session

The high priest of Fish Worship, [Ray Troll](#) (www.trollart.com), will lead us in an opening ceremony to stir our creativity and renew our passion for fish and science. You probably know Ray from his creative, colorful, and catchy "Fin Art" on T-shirts, posters, and cards (Spawn 'til You Die, Blues in the Key of Sea, Stream of Consciousness, etc...) but he has also published several books, CDs of original fish music, and designed creative displays in museums and aquariums across the country. His most recent exhibit "The Fin Art of Ray Troll: Careful What You Fish For" just opened at the Seattle Aquarium. Ray will share the story of his passion for fish and science, and how they came to rule his life – as they do many of ours.

Concurrent Technical Sessions

There will no need to worry about finding a presentation that is of interest to you during the 2009 Annual Meeting as five concurrent sessions will be offered on a variety of fisheries topics. See pages 12-19 for the full program or visit www.orafs.org.

Student-Mentor Session

Students, on Wednesday, February 25, from 7:00—8:00 p.m. you will have an opportunity to discuss professional and career interests. Includes complimentary hors d'oeuvres and non-alcoholic beverages. **We still need volunteer mentors! Please contact Christy Fellas at christy.fellas@yahoo.com.**

Vendor Show

Back for another year, the Vendor Show will open Wednesday at 1:00 p.m. **If you know of any vendors that may be interested in participating, contact Neil Ward at neil.ward@cbfwa.org.**

Poster Session and Social

Enjoy an opportunity to view posters, talk to the authors, and indulge in complimentary beverages and hors d'oeuvres on Wednesday, February 25, from 8:00-midnight.

Awards Luncheon

All registrants are invited to attend the Thursday luncheon featuring the presentation of professional awards. Lunch included in registration.

Business Meeting

Meeting attendees are encouraged to attend the business meeting which will feature officer elections, updates on Chapter activities, and the distribution of student scholarship awards.

Banquet, Auction, and Entertainment

Plan on an entertaining evening with friends, good food, silent and oral auctions, distribution of student presentation awards, and great entertainment. Although there is an additional charge for the banquet (see registration site at www.orafs.org), there is no charge to attend the social, auction/raffle, and post-banquet party. Join us before and after the banquet for complimentary beverages and entertainment. Back by popular demand for another year are the Jam Session and Texas Hold'em events.

Early Registration for the 2009 ORAFS Ends January 23, 2009

Electronic registration is now available at
<https://www.123signup.com/register?id=zgpbtp>

Please visit the 2009 Oregon AFS Annual Meeting website (www.orafs.org), and familiarize yourself with all 2009 Annual Meeting opportunities and options *before* attempting to electronically register. You may also register at the meeting.

If you have any registration questions, please contact Shaun Clements, 541-757-4263.

Book Your Room Early for the 2009 ORAFS Annual Meeting

Lodging at the Riverhouse: (800) 547-3928

Reservations: Must be made by January 23, 2009, to guarantee rates if rooms are available

Group Name: American Fisheries Society

Room Rates: \$90 single; \$108 double

If you have any questions, please contact Martyne Reesman, matyne.j.reesman@state.or.us or 971-673-6083.

Room cancellations must be made 72 hours prior to arrival

2009 ORAFS ANNUAL MEETING WORKSHOPS

Fisheries Telemetry: Recent advances and techniques for achieving success

Feb 24, 2009, 1:00 – 5:00 pm and Feb 25, 8:00 – 11:30 am

The Riverhouse Resort, 3075 N. Business 97, Bend, Oregon

Sponsored by: The Oregon Chapter of the American Fisheries Society, OSU, ODFW, USGS

Conveners: Carl Schreck, Shaun Clements, John Beeman, and Noah Adams

This one day workshop covers the principles and techniques of radio and acoustic telemetry. The workshop will include a mix of Power-Point presentations and interactive demonstrations of tagging (including hands-on experience), telemetry setup, and data management/validation (i.e. when is a fish actually a fish).

Our goal is to improve participants understanding of how to use telemetry to meet a variety of study objectives. Participants should be familiar with the following at the conclusion of the workshop:

- Latest advances in telemetry equipment.
- Surgical techniques, including the latest research on minimizing the impact of surgery.
- Understand how stress (associated with tagging) can affect fish behavior and how to address this in the study design and conclusions.
- Appropriate tag to body weight ratios (based on a synopsis of research)
- How to deploy receivers and/or antennas: site selection and setup
- How to optimize detection efficiency
- How to manage and validate data

Aquatic Invasive Species Identification and Control: How To Not Be a Vector

Feb 24, 2009, 1:00 – 5:00 pm and Feb 25, 8:00 – 11:30 am

The Riverhouse Resort, 3075 N. Business 97, Bend, Oregon

Organizer: Jill Hardiman, USGS, Columbia River Research Laboratory, Western Fisheries Research Center, jhardiman@usgs.gov

Sponsors and instructors include: the Oregon Chapter AFS, U. S. Geological Survey, 100th Meridian Columbia River Basin Team, U. S. Fish and Wildlife Service, Oregon Marine Board, Oregon Sea Grant, U. S. Forest Service/Bureau of Land Management, and Portland State University Center for Lakes and Reservoirs.

This full day workshop will include an overview and identification of aquatic invasive species of concern in the Pacific Northwest. We will present some basic biology, distribution, and life history traits as to why these species are “good invaders” and why we should be concerned. We will focus on pathways and vectors for invasive species as they relate to fishery professionals and recreationists out in the field. The workshop will cover procedures for decontaminating field gear, such as waders, boots, nets, etc. that can be used in the field and back at the office, lab or home. We will present current legislative, policy and/or enforcement topics and procedures in the region. At the end of the training attendees will receive a Level I certificate for Watercraft Inspection training for invasive species. The following topics will be included:

Aquatic Invasive Species (AIS) threatening the Pacific Northwest

- Aquatic Invasive Species identification
- Pathways and vectors
- Field gear decontamination procedures
- Level I Watercraft Inspection training certificate
- Current legislature, policy and enforcement procedures for AIS
- Hazard Analysis and Critical Control Point Planning (HACCP) overview
- Aquatic and Riparian Effectiveness Monitoring Program (AREMP) AIS procedures

Visit Round Butte Dam Friday Afternoon and view the nearly completed New Selective Water Withdrawal Tower and new Downstream Fish Passage Facilities

Friday February 27, 12:30 pm until 3:00

Free Lunch – At Round Butte Dam Overlook Park

Directions at the ORAFS Annual Meeting

The Riverhouse Resort, 3075 N. Business 97, Bend, Oregon

Hosts: Don Ratliff and Jim Bartlett, Portland General Electric will be there to answer questions, and serve hot dogs and chili.

For more information, contact Don or Jim via email:

Donald.Ratliff@pgn.com; James.Bartlett@pgn.com

PGE and the Confederated Tribes of the Warm Springs Reservation are rebuilding the intake to Round Butte Dam to use a selective water withdrawal tower to enhance downstream fish passage, and manage lower Deschutes River water temperatures. In cooperation with State, Tribal, and Federal fisheries and land management agencies, this effort is part of one of the most ambitious anadromous fish reintroduction projects attempted. The new facility will draw up to 6,000 cfs of water from the surface during the spring, and collect all the downstream migrants for transport down to the lower Deschutes River. Scheduled for completion April 15, during late February, the three major components, a new deep intake, the floating surface intake, and the vertical flow conduit are scheduled to be assembled. They will be tied with a support bridge to the shoreline. The associated Fish Transfer Facility will be complete.

FISH WORSHIP: RAY TROLL TO KEYNOTE 2009 ORAFS ANNUAL MEETING

From his tree-top studio, high above the Tongass Narrows in rainswept Ketchikan Alaska, Ray Troll draws & paints fishy images that migrate into museums, books and magazines and onto t-shirts sold 'round the globe. Basing his quirky, aquatic images on the latest scientific discoveries, Ray brings a street-smart sensibility to the worlds of ichthyology & paleontology.

Ray earned a Bachelor of Arts degree from Bethany College in Lindsborg, Kansas in 1977 and an MFA in studio arts from Washington State University in 1981. He is proud to be an honorary member of the Gilbert Ichthyological Society, the Guild of Natural Science Illustrators & a lifetime member of S.P.O.O.F. (the Society for the Protection of Old Fish).

Troll's unique blend of art and science culminated in his traveling exhibit, "Dancing to the Fossil Record," a major show which opened at the California Academy of Sciences in San Francisco in 1995. The huge exhibit included Ray's original drawings, gigantic fossils, fish tanks, murals, an original soundtrack, a dance floor and an interactive computer installation. In 1997 the exhibit traveled to the Oregon Coast Aquarium in Newport. In 1998 it hit the streets of Philadelphia at the Academy of Natural Sciences. The tour ended in 1999 at the Denver Museum of Nature and Science. By that time it had grown to 14,000 square feet.

Ray also had a museum show on the road based on his children's book, "Sharkabet, a Sea of Sharks from A to Z". Venues included the Science Museum of Minnesota, the Anchorage Museum of History and Art, and the Carnegie Museum of Natural History in Pittsburgh among others. Ray's most recent exhibit, "The Fin Art of Ray Troll: Be Careful What You Fish For" opened October 30, 2008 at the Seattle Aquarium to an audience of 400 fish-o-philes.



In addition to "Sharkabet", Ray has illustrated 3 books with author Brad Matsen : Shocking Fish Tales, Planet Ocean, and Raptors, Fossils, Fins & Fangs. He has also done the illustrations for "Life's a Fish and then You Fry" by chef Randy Bayliss.

He & his wife, Michelle, own & operate the SOHO COHO Contemporary Art & Craft Gallery, located on a spawning stream in the former red light district of Ketchikan. The gallery features Ray's own artwork, t-shirts and fish juju, as well as original artwork by other local artists.

2009 Annual Meeting – Jam Session

At the risk of starting a new tradition, we will again offer a stage and microphone for our musically-inclined members and see what kind of "Fishhead Jam Session" ensues. There will be an opportunity to practice, Wednesday night at 10:00 p.m. following the Poster Session, prior to the real show scheduled for Thursday, February 26 at 9:00, immediately after the conclusion of the banquet and auction. Perhaps you will hear some selections from the "Spawntaneous Ratfish Wranglers" collection of Ray Troll in the mix. Thanks in advance to Mike Faler (micheal_faler@fws.gov) and his Red-Eye Gravy String Band for organizing this event.

2009 Annual Meeting – ORAFS Business Meeting

The annual ORAFS Business Meeting will be convened at the end of the day instead of during the breakfast or lunch. To ensure there is no conflict with talks that you would like to see, the only activity scheduled from 4:00-5:30 on Thursday, February 26, is the Business Meeting. At the conclusion of the meeting, and in the same room, we will split into breakout sessions for approximately 20-30 minutes to discuss the goals/priorities for our Chapter and External Committees for the coming year(s). If you have some topics you think the chapter should address, this is your opportunity to bring them forward. Show your interest in future activities of the ORAFS by attending the Business Meeting and breakout sessions.

NOMINATIONS FOR 2009 AWARDS: DEADLINE EXTENDED TO JANUARY 28

As we rapidly approach the 2009 ORAFS Annual Meeting, hopefully your thoughts wander to last year's Annual Meeting and the people you wish you had nominated for an award. You still have time to nominate those deserving individuals. You know who these people are...the peer, the mentor, the teacher, the partner from another agency, the private landowner who worked so hard to do that great habitat work...the one who made your whole project come together...or who inspired you to go back to graduate school! **The deadline for submitting nominations has been extended to January 28, 2009.**

For all awards, except Broken Oar, you should indicate how the nominee's efforts are above and beyond their regular job. No award is required to be given each year. The Chapter may award multiple Awards of Merit each year, so you are encouraged to submit multiple nominations for the Award of Merit for individual or team efforts.

Do you know of a top-notch team that is doing (or has done) exemplary work? You may now nominate them for the **Fishery Team of the Year** award! This award represents recognition that there are outstanding teams that merit acknowledgement for excellent work beyond an Award of Merit. The stringent award criteria are similar to the Fishery Worker of the Year, but for team efforts. This award recognizes the collaborative efforts to understand and manage fisheries resources, and that these efforts frequently cross geographic, disciplinary and socioeconomic boundaries.

Although the Award of Merit has always been open for recognition of team efforts, the Fishery Team of the Year award carries with it similar prestige as the Fishery Worker of the Year. If you have questions about criteria for an award please contact Doug Young.

Fishery Worker of the Year

Nominees **must be AFS members in good standing** who are responsible for substantial single or sustained accomplishments above and beyond their regular job. Nominations should indicate how efforts are related to the goals of guiding and influencing sound resource practices.

Fishery Team of the Year

At least one nominee of the team must be an **AFS member** in good standing. The team or group must have been responsible for substantial single or sustained accomplishments. Each member of the team nominated must have produced a substantial portion of the work. Nominations should indicate how they are related to the goals of guiding or influencing sound resource practices. To demonstrate equivalent contributions, describe substantive contributions of each member of the team.

Award of Merit

This award recognizes **individuals, groups, or organizations** that have contributed to fisheries. Recipients can be either **AFS members or non-members**.

Bill Wingfield Memorial Award in Fish Culture

Nominees should be **individuals or groups** that have contributed significantly to advancing fish culture (including fish health) in Oregon. **AFS members or non-members** may be nominated.

Broken Oar Award

Everyone's favorite and just for fun, the Broken Oar Award is presented for "outstanding display of field technique and coordination." No doubt you already have some nominees in mind from this year's field season! **AFS members or non-members** may be nominated.

Full description of awards criteria and suggestions about how to write nominations will be posted to the Oregon AFS Chapter website or can be obtained by **contacting Mindy Simmons at 503-808-4766 or mindy.m.simmons@usace.army.mil**

DEADLINE FOR NOMINATIONS IS: January 28, 2009

Your Giving Helps the Oregon Chapter!

FINAL CALL FOR 2009 RAFFLE AND AUCTION DONATIONS

Get ready to bid! We will follow the same successful format as the last couple of years using auctioneer and expedited raffle process. Start planning your bid on exciting items this year including: a Deschutes River raft trip, an autographed Portland Trailblazer basketball, 5 night at the Pines Resort in Sunriver, OR, Tomelleri prints, tickets to the Shakespeare Festival, and Ocean bottom-fishing trip, 2 nights at Big K Guest Ranch on the Umpqua River and much more. We are still accepting your tax-deductible donations so please do not hesitate to contact us if you have an item that you would like to donate for the raffle/auction.

Donation forms and other information are available on the Oregon AFS website at www.orafs.org. **Donations may be sent to:**

Terry Smith

c/o Fremont-Winema National Forests

2819 Dahlia Street

Klamath Falls, OR 97601

Phone: (541) 883-6785

tasmith@fs.fed.us

OREGON CHAPTER AFS 2008-2009 EXCOM OFFICER CANDIDATES

I am excited to present the following Executive Committee candidates for 2010, for election at the February 26th Oregon Chapter Annual Business Meeting. These candidates all bring strong fisheries background, management skills, and AFS experience. These candidates will continue our fine tradition of volunteer service and support of natural resource issues. Please join me in thanking these individuals for their willingness to serve the Oregon Chapter AFS!

Please note that I did not receive any nominations via my request in the Fall Piscatorial Press for candidate nominations, therefore I sought (and obtained) a single candidate per Executive Committee officer position. However, prior to the election, the President will make a final call for officer nominations during the Oregon Chapter Annual Business Meeting.

Nominee for President-Elect: Demian Ebert

I am a fisheries biologist with over 16 years of professional experience. I work for the consulting firm PBS&J in the Portland office. My first job in fisheries was counting Chinook carcasses on the upper mainstem Eel River in Mendocino County, California. After several years working on all elements of salmonid and resident fish biology on the Eel River, I spent a summer catching pink salmon in the Prince William Sound commercial fishery. Since then I have been working for PBS&J out of San Francisco and for the last two years in Portland. I hold a BA in biology from the University of California, Santa Cruz.

I have been a member of AFS for over 10 years, and have been active in the Oregon Chapter since I arrived in Oregon. I have assisted the Oregon Chapter in designing the 2008 Western Division-Oregon Chapter joint meeting program guide, and was a co-committee chair in organizing and hosting the highly successful 2007 AFS Parent Society meeting in San Francisco. When approached with a drainage or species-specific issue, I have been able to tap into the knowledge base of our membership. AFS chapters only function to the extent of the volunteer support of their members. After all these years, it's time for me to step up in the AFS organization. I look forward to working with the Ex-Com's officers and associated committees, and encourage others to actively participate in Oregon Chapter functions.

Nominee for Internal Director: Martyne Reesman (Incumbent)

My name is Martyne Reesman and I am again running for Internal Director of Oregon AFS. Over the course of the last year I have come to appreciate the amount of hard work and dedication that is required of this position. I have been a member of Oregon AFS since 2002. I was the Raffle and Auction Chair for three years (2005-2007), where my organizational skills were finely honed. Beginning in September 2006 I volunteered to chair the Education and Outreach Committee and in 2004, I helped organize the Past President and Fishery Worker of the Year luncheon.

I have been employed by the Oregon Department of Fish and Wildlife for the last eight years. Most of my time has been spent conducting fisheries research on the Willamette, Columbia and Snake rivers. Anyone who works with me knows that I possess an excellent work ethic and take pride in a job well done. Normally this is where I would insert a joke, but to be honest, being Internal Director is a very busy position and I'm too tired, but I love it! I would be proud to serve Oregon AFS members for another year as Internal Director.

Nominee for Internal Director: Nikki Swanson

Hi! My name is Nikki Swanson. I am currently the Fisheries Program Manager for the Willamette National Forest. I have worked in this position for the last 6 years. Previously I worked for the BLM in Eugene as a fisheries biologist for 2 years. I have been working in fisheries management since 1990. I received my undergraduate degree in biology from the University of Oregon and my Masters in Fisheries from Oregon State University. As the fisheries program manager for the Willamette National Forest I work with a team of incredible fisheries biologists, hydrologists, soils scientists, and external partners to protect and restore habitat for all aquatic species and to educate the next generation on how to be stewards of their watersheds.

I grew up fishing with my Dad, exploring lakes and streams throughout Oregon and am so happy to have a part in maintaining these natural resources for the next generation to explore. While I have only recently become a member of AFS, I have attended many annual meetings and have often thought that perhaps I should get more involved. So, when asked if I would like to be part of the 2010 Conference in Eugene, I responded with an emphatic "Yes!" I am excited to work more closely with other AFS members to make the 2010 meeting the best one yet (did I mention previously that I am a little bit competitive!). I look forward to working with everyone, meeting new people, and accomplishing great things.

Nominee for Vice President: Shivonne Nesbit

Since migrating to Oregon in 2003, I re-charge my fish loving battery at the Oregon Chapter annual meetings. I am interested in running for VP to assist the Oregon Chapter with continuing our mission of improving and sustaining Oregon's resources. The long-term sustainability of Oregon's resources is dependent upon scientists who have the experience, access to networks, and dedication to our fisheries to ensure the survival of local and global fisheries. The Oregon Chapter plays a vital role with its active membership and Executive Committee. In my six years as a Oregon Chapter member, I've served on multiple Oregon Chapter AFS committees, which have given me a keen understanding of the how the organization works and why its mission is so important. It also has given me the confidence and enthusiasm to fulfill the duties of Vice President.

My passion for fisheries is reflected in my professional experience and academic pursuits. A love for the natural world led me to pursue a degree in Natural Resource Science at UCC in Kamloops, British Columbia. Early in my career, I discovered streams, fish, scales, and slime and have since focused my career on fisheries ecology and aquatic ecosystems. In British Columbia, I worked for a myriad of agencies and held several positions with the Department of Fisheries & Oceans Canada.

Through my work experience, I have been exposed to a variety of ecosystems monitoring, assessment and policy while balancing the needs of managers, stakeholders and aquatic resources. In 2003, I moved to Oregon for a job with ODFW Fish Research in La Grande. Working for ODFW and getting involved with the Oregon Chapter has provided excellent opportunities for career building, networking, mentoring and professional development. In 2007, I decided to take a leave from ODFW to pursue a master's degree at OSU in fisheries science. Being a graduate student has refined my juggling skills, and added to my

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OREGON CHAPTER AFS 2008-2009 EXCOM OFFICER CANDIDATES: CONTINUED

people organizational, collaboration and survival skills – all of which have helped to prepare me for this position. I am confident that the understanding, knowledge and skills that I have acquired throughout my career will enable me to fulfill the duties of the Vice President and I look forward to having that opportunity.

Nominee for External Director: Jeremiah Osborne-Gowey (Incumbent)

It has been a wonderfully rewarding experience for me during this past term as your External Director. So wonderful, in fact, that I am again running for the position; and I'm running for three important reasons. First, our Chapter has a distinguished history of actively engaging fisheries and aquatic resource issues and I want to help ensure that we continue in this tradition. Second, because new natural resource issues are continuously cropping up, I am keenly interested in diversifying and increasing member participation and activism to meet these challenges. Lastly, I want to help build on some of the exciting things our Chapter has underway (see External Director report in this issue).

What qualifies me (beyond my impishly handsome looks and charm!)? It can be boiled down to five words: Enthusiasm, Passion, Commitment, Perseverance and Experience. Those that already know me can attest to my enthusiasm and I'll continue bringing that same level to this position. Fish and aquatic ecosystems have long been my passion and I remain committed to them and to our Chapter's mission. When faced with challenges, I have the determination to find solutions and the perseverance to implement them. Finally, I have been actively involved with our Chapter's activities for the last eight years, have served on several external committees, and been fortunate enough to be involved with the our Executive Committee for the last few years. I am currently a landscape and aquatic ecologist and have over 15 years of Federal, State, and educational natural resource experience, both throughout the Pacific Northwest and in the Great Basin. While my work has focused primarily on fish species, I have worked work with a variety of organisms (aquatic and terrestrial), in a variety of systems, and with ubiquitous, sensitive, native and introduced species. Collectively, these

experiences, including my work as your External Director these past eight months, have helped me develop a well-rounded perspective and an ever-broadening network of contacts. As External Director, I'll give you nothing less than 100 percent. That's my commitment to you, our Chapter, and perhaps most importantly, the resources.

Nominee for Secretary-Treasurer: Shaun Clements (Incumbent)

For many years now I've taken advantage of the opportunities, social and professional, provided by the Oregon Chapter meetings. This is a great opportunity to become more involved in the society and contribute to its continued success. I recently moved back to Oregon after spending two years in New Zealand. Aside from Oregon's microbrews, part of our motivation for returning was the opportunity to make a contribution to something that is of significant value to a number of people in the state. I would like to increase my involvement in the issues facing Oregon's fish and fisheries and, hopefully, be a part of the process that ensures their long-term viability.

My career in fisheries began in the early 90's studying a Western Pacific population of the Californian rainbows. I completed a BS and MS in fish physiology at Waikato University in New Zealand. Following that, I moved to Oregon to complete a PhD in the Fisheries and Wildlife Department at OSU. I've been involved in salmon research in Oregon for a decade. The majority of my work has focused on the physiology, behavior, and survival of juvenile salmonids in Oregon's estuaries. Recently, I joined the Oregon Department of Fish and Wildlife where I am involved in stock assessment and hatchery evaluation and research. I'm confident that the skills I've acquired throughout my career will enable me to fulfill the duties of this position.

Submitted by Doug Young, Past President

Vendor Show Featured at the 2009 Annual Meeting

Come see some of the latest products and services in the fisheries field. The Vendor Show will open at 1:00 p.m. Wednesday, February 25th, and run until Friday, February 27th.

Space is still available so consider registering yourself or inviting your favorite vendors. Vendor Show applications can be downloaded from the Oregon Chapter website at www.orafs.org.

For more information contact:

Neil Ward

503-229-0191

neil.ward@cbfwa.org

STUDENT SUBUNIT UPDATE

Come join the student sub-unit in a weekend outdoor trip to Diamond Lake. We will be staying in three lakefront cabins with one as a quiet house for any studying that needs to occur. Weekend activities include: working with an ODFW fish biologist to learn about the invasive Tui chub at Diamond Lake, snowtracking at Crater Lake with local biologist, and visiting waterfalls or possibly hot springs. There will also be time for cross country skiing or downhill tubing, along with down time to relax and get to know fellow members. Departure is on Saturday, January 17th at 8:00am. Return time will be 5:00 pm on the 19th. Associated costs are \$20 to become a member of the student sub-unit, any snow activities and lunches. Interested students should contact Kristle Warren by email: warrekri@onid.orst.edu.

VOLUNTEERS NEEDED FOR THE 2009 ANNUAL MEETING

The Oregon Chapter of the American Fisheries Society relies heavily on volunteers to keep the Annual Meeting affordable, efficient, and fun. Volunteering is a great way to meet new members, assist the chapter, serve your profession, and help justify the cost of attending. Volunteer opportunities (and contact people) include:

- Become a Mentor at the student-mentor social (Christy Fellas, Christy.fellas@yahoo.com, 503-231-2307)
- Help judge student papers and posters (Mike Hudson, michael_hudson@fws.gov, 360-604-2500)
- Assist with poster board set-up and take-down (Michele Weaver, michele.h.weaver@state.or.us, 971-676-6062)
- Assist with the raffle/auction (Terry Smith, tasmith@fs.fed.us, 541-883-6785)
- Assist at the registration desk (Christy Fellas, Christy.fellas@yahoo.com, 503-231-2307)
- Play at the Jam Session (Mike Faler, micheal_faler@fws.gov, 208-476-7242)
- Assist the Imbibements Committee in acquiring and wrangling beverages (Mike Gauvin, michael.w.gauvin@state.or.us, 541-325-5347)

NEW SESSION AT THE 2009 ANNUAL MEETING

The “Wet-n-Wild Imagery” session will provide attendees an opportunity to view great underwater photos and videos, videos that you have heard about but have not seen. With these photos and videos, attendees will be provide a “behind-the-lens” commentary from the photographers. Salmon, steelhead, and grouper spawning videos are a few of the submissions so far. To participate with your coolest photos or video clips, even if they are recycled from a different presentation, contact Jeremy@freshwatersillustrated.org.

Also in this session, Ray Troll will describe his encounters with the Vicious Fishes of the Amazon – check out this abstract: *If you're interested in weird fish all roads eventually lead to the Amazon, the world's largest river system and home to well over three thousand species of freshwater fish. The numbers are staggering yet immensely inspirational to artists and scientists alike. Ray Troll will share artworks he has created after three trips to the Brazilian Amazon including large murals, countless drawings and museum inter-actives created for the Miami Museum of Science's traveling museum show called Amazon Voyage. Ray's interest in South American fishes began when he visited the fish collection at Oregon State University and met Paulo Petry. Paulo got Ray's attention with tales of the dreaded Candiru catfish and the rest is history.*

STUDENT VOLUNTEERS NEEDED FOR THE 2009 ANNUAL MEETING

We still have openings for volunteers for the upcoming Annual Meeting in Bend, Oregon. **In exchange for 4 hours of volunteer service during the meeting, we will WAIVE REGISTRATION fees, provide lunch on Thursday, AND offer 2 nights (Wednesday and Thursday nights) of GROUP LODGING at the Riverhouse Resort.** If you are an undergraduate or graduate student we can use your help with registration, sales, AV-computer equipment, room lights, poster session set-up and take-down, auction/raffle, etc.

This is a great opportunity to learn about fisheries and aquatic ecosystem research and management in Oregon, meet fisheries professionals in an informal setting, get to know ORAFS members and officers, and attend our Student-Mentor Session.

Volunteer positions are limited and assigned on a first-come, first-served basis. If you are interested in volunteering, please contact Christy Fellas at christy.fellas@yahoo.com

Mark Your Calendar!

2009 ORAFS Annual Meeting

February 25-27, 2009

Riverhouse Resort

Bend, Oregon

Visit www.orafs.org for more information

EXTERNAL DIRECTOR REPORT

Our Chapter has been pretty active on the fish policy/legislation front these last few months, thanks in large part to our enthusiastic and active External Committee chairs. And, as Chuck Huntington (one of our esteemed, former ORAFS Executive Officers) so poignantly put it, our External Committees have long been a major strength of our Chapter and one of the reasons our organization is so highly regarded.

Over the past few-several years, our Chapter has been comparatively silent during legislative sessions (State and Federal) while members have had to respond to issues on an individual basis. While this can still be quite effective, we can bring a more powerful collective voice to the table when we *also* respond as an organization. And while we have responded to a few natural resource legislative issues each session, we have not been particularly effective at providing comments in a timely fashion, often resulting in missed opportunities to live up to our Chapter's mission of improving the conservation and sustainability of Oregon fishery resources and their aquatic ecosystems for long-term public benefit.

And we've been hearing from local and regional conservation and natural resource leaders that they'd like to see us again active on this front.

As a result, our Executive Committee (ExCom) has been deliberating bringing back a paid legislative liaison to help keep us abreast (or ahead) of legislative issues allowing ExCom to respond in a more timely and thorough fashion.

The ExCom has also been in ongoing discussions this past year about how to more actively engage our members in fisheries and aquatic-related issues. Discussion have included reviving the Information

Sharing Networks, getting former President Mike Reed's blog idea off the ground, and bringing back the External Committee breakout sessions to our annual meeting. In years past, it seems these breakout sessions have been a particularly effective way for members to bring forward ideas that help shape our Chapter's trajectory for the coming year(s). And we're going to try this out again at the upcoming meeting in Bend.

After the business meeting, the chairs of our six External Committees (Education and Outreach, Fish Culture, Freshwater Habitat, Legislative, Natural Production, and Marine Habitat and Ecology) will be discussing some of their goals/priorities for their respective committees for the year. We envision these breakout sessions as a way for members to bring forward potential issues that we may want to address as a Chapter in the coming year(s).

In order for these breakout sessions to be successful, we need you, our members, to bring forward your ideas. So stick around for a few minutes after the Business Meeting, meet your External Committee chairs, and help us brainstorm as, together, we decide the issues that our organization will be addressing in the coming year(s). For a taste of the types of things (goals/priorities) the current chairs are thinking about, see their individual reports below.

In general, I anticipate our Chapter will be active on several fronts: alternative energy (in particular, wave energy), invasive species (aquatics and feral swine), water conservation, marine reserves, hosting new workshops, and increasing our presence and participation with local and regional natural resource and conservation leaders.

Submitted by Jeremiah Osborne-Gowey, External Director

NOW AVAILABLE!

Copies of the 2005 Coastal Cutthroat Trout Symposium Proceedings are available for purchase for \$20:

**Coastal Cutthroat Trout Symposium
c/o Pacific States Marine Fisheries Commission
205 SE Spokane Street, Suite 100
Portland, Oregon 97202**

Checks should be made out to "PSMFC", in the memo line indicate "CCT Proceedings." Document ordering questions should be directed to Emily Kinney at emily_kinney@psmfc.org, 503-595-3100. If you have other questions, please contact Doug Young at doug_young@fws.gov or 503-231-6179.

Additional copies will be available for purchase at the 2009 Oregon Chapter AFS annual meeting in Bend.

The 2008 Coastal Cutthroat Trout Symposium • Status, Management, Biology, and Conservation

THE 2008 COASTAL CUTTHROAT TROUT SYMPOSIUM Status, Management, Biology, and Conservation



Oregon Chapter
American Fisheries Society

EXTERNAL COMMITTEE REPORTS:

Education and Outreach Committee

Come join the Education & Outreach session at the Annual Meeting, Thursday, February 26 from 1:20-3:40 PM. AFS members will present on several topics, including K-12 educational programs, the Oregon Hatchery Research Center's education and outreach programs, the Jefferson Fish Society's professional networking opportunities, and the large fish-centric public art projects by Ketchikan, AK artist Ray Troll.

Additionally, we will have a discussion session following the Business Meeting regarding education and outreach programs in the Oregon Chapter of AFS. The Education and Outreach Committee is reorganizing and welcomes your input!"

Submitted by Jason Kent, Chair

Fish Culture Committee

It was an honor to be asked to fill this position as the Oregon Chapter American Fisheries Society Fish Culture Committee Chair. Through my career with the Oregon Department of Fish and Wildlife, I have worked at four production hatcheries prior to working at the Oregon Hatchery Research Center (OHRC). I have had the pleasure of working with and learning from many excellent fisheries professionals. I see my role as the Facility Manager at the OHRC and OR-AFS Fish Culture Committee Chair as somewhat of a liaison between "fish culture" and "fisheries research."

The Fish Culture Committee is responsible for promoting advancements in fish culture techniques that protect the biodiversity of native fishes, the exchange of ideas among fish culturists, and public knowledge about fish culture in Oregon. These are also the three areas that I feel could be enhanced to better the chapter and the Fish Culture Committee. The goals for 2009 for the Fish Culture Committee are: first, to promote the exchange of information on progressive techniques of fish culture through internal and external communications with other fish culturists and newsletters such as this. Second, to promote excellence in fish culture practices through identifying candidates for the Bill Wingfield Memorial Award. And last, to promote public knowledge about innovative fish culture in various venues. I will co-chair the "Aquaculture Advances" technical session at the 2009 OR-AFS Annual Meeting. I hope my influence can increase Oregon AFS presence throughout the state.

Submitted by Ryan Couture, Chair

Natural Production Committee

Greetings! My name is Jens Lovtang, and I have recently been appointed the new chair of the Natural Production Committee for the Oregon AFS Chapter. I am a fish biologist with the Confederated Tribes of Warm Springs in Central Oregon. I have lived and worked in Oregon since 1996. Most of my work has been focused in the Deschutes River Basin, but I have also worked throughout the state in various positions. I have been a member of the Oregon Chapter of AFS since 1998.

I want to ask all ORAFS members these questions: Where do you work? What river basins or lakes do you work in? What wild / naturally producing species do you work with? What are the trends of your wild populations?

What are some of the reasons for those trends? What are the good things that are happening? What are some of the bad things? What changes do you think would help? I would like to hear any or all of these answers, because we can all learn from each other. The AFS provides a unique forum for meeting (and drinking beer with) fellow fisheries folks from around the state and country. Let's get together and talk!

As we all know, wild salmon, steelhead, trout, and other native fishes are iconic symbols for the people of Oregon. The job of the Natural Production Committee is to advocate conservation of genetic and habitat diversity that supports and enhances the natural productive capacity of fishes and aquatic resources in Oregon. My vision for this committee is to get together a group of folks from a wide variety of agencies and companies that are interested in finding ways to share information and support local, state, and federal efforts that enhance and protect naturally spawning and rearing populations of fish in Oregon.

Submitted by Jens Lovtang, Chair

Marine Habitat and Ecology

As the Marine Committee Chair, I will chairing a session at the upcoming annual meeting, revisiting ORAFS white papers on marine reserves, working with marine reserve and wave energy topics, and addressing other issues as they arise. I also serve as the Scholarship Committee chair, and will be working to advertise our scholarships more broadly (e.g., to all Oregon universities and community colleges), coordinating a review of student scholarships, and presentation of awards at the upcoming annual meeting, and making recommendations and revisions for the application and review process for 2010.

Submitted by Scott Heppell, Chair

Freshwater Habitat

Greetings, my name is Steve Starcevich. I am a fish biologist with the Oregon Department of Fish and Wildlife in Corvallis. I have spent the last decade or so doing research and monitoring of Oregon native fish populations from the Wallawas to the Warner Lakes, and from the upper Klamath River to the Siletz River.

As the recently recruited volunteer chair of the Freshwater Habitat committee, I hope to continue the important work of past committees of reviewing and commenting on state and federal policies and regulations that affect freshwater habitat in Oregon; work in concert with the habitat committees of other state chapters, Western Division, and our Parent Society; and organize a technical session, or possibly a workshop, at the 2010 ORAFS annual meeting. I am currently interviewing old-timers and newcomers with experience in freshwater habitat issues and ORAFS to get new ideas, test some of the mild to wild ideas I have been thinking about for soundness and practicality, prioritize duties and activities, and recruit some volunteer committee members (are you interested?!).

Submitted by Steve Starcevich, Chair

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Wednesday, February 25, 2009, 3:00-5:40 p.m.			
	Climate and Conservation	Dam Removals, Recent and Imminent	Estuarine Research	Student Research
Moderator:	Tucker Jones, ODFW	Nick Ackerman, PGE	Scott Heppell, OSU	Brooke Penaluna, Bill Brignon, OSU
3:00 p.m.	Oregon Hydrologic Landscape Regions Parker Wigington, U.S. EPA	An Overview of Decommissioning of the Bull Run Hydroelectric Project Nick Ackerman, PGE	Recovery of Wild Coho Salmon in Salmon River Basin Kim Jones, ODFW	Hey, Can You Stay Still for a Second- I'm Trying to Model Your Microhabitat Use * William R. Brignon, OSU-Oregon Cooperative Fish and Wildlife Research Unit and USFWS-Columbia River Fisheries Program Office
3:20 p.m.	Predicting and Generalizing the Refuge Function of Intermittent and Ephemeral Streams Joe Ebersole, US EPA	Fluvial Response to Removal of Marmot Dam, Sandy River, Oregon Jim O'Connor, USGS	Life History and Survival of Coho Salmon in Tributaries to the Lower Columbia River David Hering, ODFW	Getting the Story Straight in the Crooked River: Evaluating Movement Patterns of Redband Trout and Mountain Whitefish * Shivonne Nesbit, OSU
3:40 p.m.	What is a Natural Thermal Regime and What Does it Mean for Salmon? E. Ashley Steel, NOAA Fisheries	Removal of the Condit Hydroelectric Project - Navigating the Maze of Permits and Politics	Juvenile Chinook Salmon Life Histories, Habitats, and Food Webs in the Columbia River Estuary	Humpback Whitefish Migration and Movements on the Copper River Delta, Alaska * Brian Neilson, OSU Department of
4:00 p.m.	Cold Water Refuges for Native Fish Communities in the Willamette River Stan Gregory, OSU	Capture, Transport and Reintroduction of Lower Columbia River Fall Chinook Salmon Related to Removal of Condit Dam - Results of a Pilot Study Rod Engle, USFWS, Suite 100, Vancouver, WA 98683	Acoustic Transmitter and Receiver Performance in Freshwater and Estuarine Environments James Power, U.S. EPA	Distribution of Wild- and Hatchery-Origin Spring Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Redds and Carcasses Relative to Physical Habitat Characteristics in the Yakima River * Jeremy Cram, University of Washington College of Forest Resources
4:20 p.m.	Connectivity in Freshwater Ecosystems: a Literature Synthesis and an Example Conservation Application Aimee Fullerton, NOAA Fisheries Northwest Fisheries Science	Powerdale Dam Removal - Plan, Process, and Permitting Todd Olson, PacifiCorp Energy	Juvenile Coho Salmon Life History Diversity and Estuary Use * Bethany Craig, University of Washington, School of Aquatic and Fishery Sciences	Naive Prey versus Nonnative Predators: the Role of Behavior in Endangered Species Conservation * Stephanie Kraft, Utah State University
4:40 p.m.	Change is on the Horizon: Are Oregon's Great Basin Redband Trout Ready? Michael Heck, ODFW	Upcoming Savage Rapids Diversion Dam Removal Jennifer Bountry, Bureau of Reclamation	Impacts of Tidal Wetland Prey Export on Juvenile Salmon Diets and Growth Potential in Connected Habitats * Christopher Eaton, University of Washington - School of	Current Taxonomic Status of Hutton Spring and Summer Lake Tui Chubs (<i>Siphateles: Cyprinidae</i>) * Stacy Remple, OSU
5:00 p.m.	A Protected Area for Native Fish in Southwest Oregon Richard Nawa, Siskiyou Project	Physiological Development and Vulnerability to <i>Ceratomyxa shasta</i> of Fall-run Chinook Salmon in the Upper Klamath River Watershed Alec Maule, USGS, WFRC, Columbia River Research Lab	Tide Gate Impacts on Juvenile Salmonid Movement and Predation * Arthur Bass, OSU - Department of Fisheries and Wildlife	Effects of Irrigation Canals on Stream Ecosystems: A Tropical Dry Forest Case Study in Costa Rica * Suzanne Moellendorf, University of Florida
5:20 p.m.	The Plan is the Process and the Process is the Plan: White Sturgeon Conservation Planning Efforts for the Columbia River Downstream of Bonneville Dam Tucker Jones, ODFW			

* student paper

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Thursday, February 26, 2009, 8:00-10:00 a.m.				
	Bull Trout - Curiosity and Conservation	Ecology and Habitat Interactions	Environmental Drivers of <i>Oncorhynchus mykiss</i> Life History	Marine Research	Student Research (con't)
Moderator:	Jason Dunham, USGS	Robert Hughes, EPA	Ian Courter, Cramer Fish	Scott Heppell, OSU	Brooke Penaluna, Bill
8:00 a.m.	<p><i>Salvelinus confluentus</i> Curiosity Society – The Beginning</p> <p>David Buchanan, Oregon Dept. of Fish and Wildlife - Retired</p>	<p>Evidence for Behavioral Thermoregulation by Subyearling Fall Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) in Lower Granite Reservoir</p>	<p>Landscape and Life History Influences on Genetic Diversity in <i>O. mykiss</i> Around the Pacific Rim</p> <p>Megan McPhee, Flathead Lake Biological Station</p>	<p>Long-lived Marine Species and Resiliency to Overfishing</p> <p>Selina Heppell, Dept. Fisheries and Wildlife, OSU</p>	<p>Summer International Research Opportunity for Graduate Students</p> <p>Alena Pribyl, OSU</p>
8:20 a.m.	<p>Contributions of the <i>Salvelinus confluentus</i> Curiosity Society to Bull Trout Conservation</p> <p>Jason Dunham, USGS</p>	<p>Looking for Pieces of the Puzzle: Life History of Spring Chinook Salmon in the Willamette Basin</p> <p>Kirk Schroeder, ODFW</p>	<p>Response of Rainbow Trout Populations to Reconnection with Adult Steelhead after Removal of Century-old Barriers</p> <p>Patrick Connolly, US Geological Survey--</p>	<p>Marine Climate Indicators and Salmon Stock Forecasts</p> <p>Tom Wainwright, NOAA Northwest Fisheries Science Center</p>	<p>Effect of Gonadectomy on the Behavior of Hatchery Summer Steelhead (<i>Oncorhynchus mykiss</i>): Implications for Hatchery and Wild Interactions</p> <p>* Eva Schemmel, OSU</p>
8:40 a.m.	<p>Evolutionary Patterns in Bull Trout as Revealed by Genetic Markers</p> <p>Patrick DeHaan, USFWS</p>	<p>Variations in Juvenile Migration Timing for Local Populations of Spring Chinook Salmon from the Grande Ronde River, Oregon</p> <p>Jeff Yanke, ODFW</p>	<p><i>O. mykiss</i> Population Structure Response to Environmental Changes in the Cedar River, Washington</p> <p>Brad Thompson, USFWS, Western WA Fish and</p>	<p>Patterns in the Marine Distribution and Behavior of Chinook Salmon Stocks Along the Oregon Coast</p> <p>* Robert Ireland, OSU</p>	<p>Modeling the <i>Ceratomyxosis</i> Cycle of Chinook Salmon in the Lower Klamath River</p> <p>* Adam Ray, OSU</p>
9:00 a.m.	<p>Overview and Update of Bull Trout Status in Oregon</p> <p>Bianca Streif, USFWS</p>	<p>Finding the Answers to Burning Questions: Rainbow Trout Habitat and Population Response to Wildfire and Subsequent Habitat Enhancements in a Southwestern Oregon Stream</p>	<p>Understanding the Behavior and Development of Freshwater Maturing Male <i>O. mykiss</i></p> <p>John McMillan, OSU/USGS</p>	<p>Maternal Effects in Pacific Ocean Perch (<i>Sebastes alutus</i>) from the Gulf of Alaska</p> <p>Scott Heppell, OSU</p>	<p>Take Your Vitamins! Describing the Relationship Between Egg Thiamine (vitamin B1) and Mortality in Lake Michigan Lake Trout</p> <p>* Allison Evans, OSU</p>
9:20 a.m.	<p>Research and Monitoring of Oregon's Bull Trout: An Overview of Investigations by the ODFW Native Fish Project</p> <p>Steve Jacobs, ODFW</p>	<p>Longitudinal Variability in Pacific Northwest River Fish Assemblages</p> <p>Alan Herlihy, Department of Fisheries & Wildlife, OSU</p>	<p>Movement, Passage, and Life-history of Redband Trout in the Donner und Blitzen River, Oregon</p> <p>Matthew Anderson, OSU</p>	<p>To be with Barotrauma or not to be with Barotrauma? A Physiological Survey of Six Rockfish Species</p> <p>* Alena Pribyl, Oregon Cooperative Fish and Wildlife Research Unit</p>	
9:40 a.m.	<p>Comparison of Mark-recapture Methods to Estimate Juvenile Bull Trout Survival</p> <p>* Tracy Bowerman, Utah State University</p>	<p>The Aliens are Coming! (or at Least Expanding their Ranges in a River Near You)</p> <p>Robert Hughes, OSU</p>	<p>Processes Influencing Stream Temperature and Juvenile Habitat Suitability for Southern Steelhead (<i>O. mykiss</i>) in a Dynamic System</p> <p>Matthew Sloat, OSU</p>	<p>Identifying Canary Rockfish (<i>Sebastes pinniger</i>) Habitat off Washington and Oregon from Environmental Data and Trawl Logbooks</p> <p>* Cathleen Vestfals, COAS/OSU</p>	

* student paper

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Thursday, February 26, 2009, 10:20-Noon				
	Bull Trout - Curiosity and Conservation (continued)	Ecology and Habitat Interactions (continued)	Environmental Drivers of <i>Oncorhynchus mykiss</i> Life History (continued)	Marine Research and Reserves (continued)	Blue-green Algae and Fish: emerging knowledge
Moderator:	Jason Dunham, USGS	Robert Hughes, EPA	Ian Courter, Cramer Fish Sciences	Scott Heppell, OSU, and Selina Heppell, OSU	Joe Eilers, MaxDepth Aquatics
10:20 a.m.	Upper Willamette Bull Trout Trilogy Part 1: the Tale of Two Rivers and the Recovery Process Kate Meyer, US Forest Service, Willamette National Forest, McKenzie River Ranger District	Analysis of Stable Isotopes in Fish to Identify Habitat Use and Switching Marshall Church, US EPA	Predicting Consumption Rates of Juvenile <i>O. mykiss</i> Using Abundance of Drifting Invertebrates * Nicholas Weber, Utah State University	Are There Two Sub-groups of North Pacific Albacore in the Coastal Fishery of North America? * Mac Barr, OSU, College of Oceanic and Atmospheric Sciences	Low-Tech Solutions to a High-Profile Problem: Tui Chub Management through Netting and its Implications for Sport Fishing and Blue-Green Algae Dynamics in Fish Lake, Jackson County, Oregon Ian Reid, USFS, Rogue River-Siskiyou National
10:40 a.m.	The Story of Sweetwater Creek: A Bull Trout Reintroduction Success Andrew Talabere, Eugene Water & Electric Board	How Can Stable Isotope Analysis Contribute to Our Understanding of Stream Food Webs? Beth Sanderson, NOAA Fisheries	Environmental Drivers of Ecotype Abundance in Interdependent Resident and Anadromous Rainbow Trout Populations Ian Courter, Cramer Fish Sciences	Seasonal and Interannual Variability in the Structure of Small Demersal Fish Assemblages Along the Central Oregon Coast Christopher Toole, NMFS	Diamond Lake: Looking at the Links Laura Jackson, ODFW
11:00 a.m.	If We Build It, Will They Come? Gravel Augmentation for Bull Trout in the Middle Fork Willamette River, Oregon Jeff Ziller, ODFW	Responses of Fish to Low-head Dams and Water Withdrawals in an Aridland River David Wooster, OSU	Effects of Intermixing Between Resident and Anadromous Rainbow Trout on Population Productivity Steve Cramer, Cramer Fish Sciences	Marine Reserves in Oregon: Clarifying Conservation Needs and Potential Costs and Benefits – Part 1 Selina Heppell, Department of Fisheries and Wildlife, OSU	Lemolo Lake Algal Blooms: Are Tui Chub to Blame? Joseph Eilers, MaxDepth Aquatics, Inc.
11:20 a.m.	Assessing the Feasibility of Native Fish Reintroductions: a Framework and Example Applied to Bull Trout in the Clackamas River, Oregon Dan Shively, USFS, Mt. Hood National Forest	Transferability of Models to Predict Selection of Cover by Coastal Cutthroat Trout in Small Streams in Western Oregon * Heidi Andersen, Bureau of Land Management		Marine Reserves in Oregon: Clarifying Conservation Needs and Potential Costs and Benefits – Part 2 Selina Heppell, Department of Fisheries and Wildlife, OSU	The Roles of Lake Hydrodynamics and Fish Stocking on Water Quality in Odell Lake, Oregon Kellie Vache, Biological and Ecological Engineering, OSU
11:40 a.m.	Assessing Potential Impacts of a Proposed Reintroduction of Bull Trout on ESA Listed Salmon and Steelhead in the Clackamas River, Oregon Chris Allen, USFWS, Oregon Fish & Wildlife Office	Crayfish, Competition, and Coexistence: Exploring Shelter Competition in an Invasive Crayfish Assemblage * Brett Hanshaw, OSU		Prepare for afternoon panel discussion	Conversion of Macrophytes to Cyanobacteria in Devils Lake, an Unintended Consequence of an Experimental Introduction of Chinese Grass Carp Paul Robertson, Devils Lake Water Improvement District

* student paper

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Thursday, February 26, 2009, 1:20-3:40 p.m.				
	Bull Trout - Curiosity and Conservation	Education and Outreach: spreading our passion	Fish Passage Facilities	Marine Reserves: science, politics, and the	Research Issues: permits, study design, statis-
Room:					
Moderator:	Jason Dunham, USGS	Karen Hans, ODFW	Stephanie Burchfield, NMFS	Selina Heppell, OSU	Mary Hanson, ODFW
1:20 p.m.	<p>Brook Trout Removal and Bull Trout Restoration in Sun Creek, Crater Lake National Park</p> <p>Mark Buktenica, Crater Lake National Park</p>	<p>Where No One is Left Inside</p> <p>Bill Hastie, STEP Advisory Committee/Northwest Aquatic & Marine Educators</p>	<p>A Guide for Fishway Design</p> <p>Bryan Nordlund, NMFS</p>	<p>Panel Discussion: follow-up from morning presentations and revisions to OR AFS's white paper on Marine Reserves</p>	<p>Research Permits: Do I Need a Permit and How do I Get One?</p> <p>Gary Rule, NOAA Fisheries</p>
1:40 p.m.	<p>Monitoring Bull Trout Abundance: How Good are Redd Counts?</p> <p>Philip Howell, USFS</p>	<p>Salmon Watch</p> <p>Kim Carson, Oregon Trout</p>	<p>New Barriers, Ladders, and Screens on the North Umpqua Hydroelectric Project</p> <p>Rich Grost, PacifiCorp</p>	<p>Panel Discussion, continued</p>	<p>Research Permits: How to Do What You Have to Do so that You Can Do What You Want to Do</p>
2:00 p.m.	<p>Preoccupied with Occupancy: Monitoring Bull Trout for Recovery</p> <p>Paul Wilson, USFWS</p>	<p>ST.E.W.A.R.D.S. of Our Watersheds, Bringing a New Generation to the Table</p> <p>K.C. Briggs, US Forest Service, Sweet Home WNF Ranger District</p>	<p>Evaluation of Passage and Survival for Juvenile Chinook Salmon and Steelhead at Willamette Falls Hydroelectric Project, 2008</p> <p>Tim Shibahara, PGE</p>	<p>Panel Discussion, continued</p>	<p>Intrinsic Potential Models for Salmon and Steelhead in the Pacific Northwest: Regional Applications and Coordination Efforts</p> <p>Erin Gilbert, ODFW</p>
2:20 p.m.	<p>Bull trout at 47° and 42° latitude—contrasting life styles of fish in the northern Cascades and the extreme southern margins of the Owyhee uplands</p> <p>Matthew Mesa, USGS-Columbia River Research Laboratory</p>	<p>Education and Outreach at the Oregon Hatchery Research Center</p> <p>Joseph O'Neil, ODFW-Oregon Hatchery Research Center</p>	<p>Floating Surface Collector at Baker Hydroelectric Project in Northwest Washington</p> <p>Steve Fransen, NMFS</p>	<p>Panel Discussion, continued</p>	<p>Using Visual Implant Elastomer Tags to Track Movements of Fall Chinook Juveniles in Coos Bay, Oregon.</p> <p>Gary Vonderohe, ODFW</p>
2:40 p.m.	<p>Exploring Bull Trout Habitat Relationships: Where Do We Need to Go from Here?</p> <p>Robert Al-Chokhachy, USFS</p>	<p>Jackson Bottom Wetlands Preserve, Connecting Kids with Creeks and Watersheds</p> <p>Lin Howell</p>	<p>Chutes and Ladders: Designing fish passage at Trail Bridge Dam</p> <p>Andrew Talabere, Eugene Water & Electric Board</p>	<p>Panel Discussion, continued</p>	<p>A Likelihood Model for Incorporating Tag Loss into the Inference of Abundance from Mark-recapture Data</p> <p>Peter Galbreath, Columbia River Inter-Tribal Fish</p>
3:00 p.m.	<p>Evaluation of Bull Trout Migration Between the Tucannon River and the Mainstem Snake River Using Streamwidth PIT Tag Interrogation Systems</p> <p>Carrie Bretz, USFWS ID</p>	<p>Facilitating Friendships Among Fish Enthusiasts - The Jefferson Fish Society</p> <p>Brian Barr, National Center for Conservation Science & Policy</p>	<p>New Fish Passage Facilities at the Corps' Willamette Project</p> <p>Stephanie Burchfield, NMFS</p>	<p>Panel Discussion, continued</p>	<p>Evaluating Cormac-Jolly-Seber and Barker Mark-resight Models When Passive Instream Antennae are used to Collect Resight Data</p> <p>Nicolaas Bouwes, Eco</p>
3:20 p.m.	<p>Capabilities of the Cable Machine for Stream Restoration</p> <p>Mark Villers, Blue Ridge Timber Cutting, Inc.</p>	<p>Collaborative and Community Art Projects</p> <p>Ray Troll, SOHO COHO Fin Art Gallery, Ketchikan, AK</p>	<p>Movement Patterns of Outmigrating Yearling Chinook Salmon at Fall Creek Dam</p> <p>Kai Steimle, Symbiotics LLC</p>	<p>Panel Discussion, continued</p>	<p>Development of a Basin-wide Fish Tagging Database for Centralized Data Storage and to Facilitate the Sharing of Capture-recapture Data Among Resource Agencies in the Klamath Basin</p> <p>Alta Scott, USGS</p>

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Friday, February 27, 2009, 8:00-10:00 a.m.				
	Aquaculture Advances	Deschutes Basin Fishery Restoration	Harvest Management: recent and impending	Lamprey and Non-game Fish	Pesticide Impacts to Aquatic Resources
Moderator:	Ryan Couture, ODFW and David Hand, USFWS	Michael Gauvin, ODFW	Rhine Messmer, ODFW	Steve Jacobs, ODFW	Kristle Warren, OSU, and OSU senior undergraduate class
8:00 a.m.	Status of the Grande Ronde River Basin Spring Chinook Salmon Captive Broodstock Program: 1995 – 2009 Tim Hoffnagle, ODFW	Historical Perspective of the Round Butte Project and the Fish Passage Effort Don Ratliff, PGE	The ODFW 25-Year Angling Enhancement Plan Thomas Friesen, ODFW	It's Not All About Exploitation: Fish Societies in the Northwest Stewart Reid, Western Fishes	Pesticides and the Management of Aquatic and Riparian Invasive Species (AIS) in the Pacific Northwest Samuel Chan, Fisheries and Wildlife, Sea Grant Extension, OSU
8:20 a.m.	Run Timing and Spawning Distribution of Hatchery- and Natural-Origin Spring Chinook Salmon in Three Different Northeastern Oregon Streams Joseph Feldhaus, ODFW	Design and Construction of the New Selective Water Withdrawal and Fish Capture Facility at Round Butte Dam Chad Croft, PGE	Public Perspectives on Wild Trout Harvest; When did Harvest Turn into Killing? Rhine Messmer, ODFW	Monitoring the Status of the Endangered Borax Lake Chub, <i>Gila boraxobius</i> , in a Geothermal Lake in Southeastern Oregon Paul Scheerer, ODFW	Pesticides in the Clackamas River Basin, Oregon, and Potential Impacts to Aquatic Life – Part 1 Kurt Carpenter, USGS - Oregon Water Science Center
8:40 a.m.	Radio Telemetry of Spring Chinook Salmon in the Warm Springs River Jens Lovtang, Confederated Tribes of Warm Springs, Branch of Natural Resources	Selective Water Withdrawal / Fish Passage Facilities James Bartlett, PGE	An Innovative, Non-lethal Electric Field to Deter Marine Mammal Predation on Fishery Resources: Results of Trials on Harbor Seals and California Sea Lions Carl Burger, Smith-Root, Inc.	Improved Status, Research Goals and Potential Downlisting of Oregon Chub in the Willamette River Drainage Brian Bangs, ODFW	Pesticides in the Clackamas River Basin, Oregon, and Potential Impacts to Aquatic Life – Part 2 Kurt Carpenter, USGS - Oregon Water Science Center
9:00 a.m.	Hatchery Release Strategies: Maximizing Survival, Minimizing Risk, and Mimicking Wild Migration David Hand, USFWS	Fish Reintroduction above the Pelton Round Butte Project Michael Gauvin, ODFW	Weak Stock Ocean Fishery Management: How Do California Chinook Salmon Stocks Influence Oregon Fisheries? Randolph Ericksen, Cramer Fish Sciences	From Ideas to Implementation: Adult Lamprey Passage at Dams David Clugston, Portland District COE	The Ecotoxicology of Pesticides and Pacific Salmon – part 1 Nat Scholz, NOAA Fisheries
9:20 a.m.	Migration Dynamics of Released Hatchery Steelhead Smolts Determine Type and Magnitude of Potential Ecological and Genetic Risks Benjamin Kennedy, USFWS-Abernathy Fish Technology Center	Sockeye Development Strategies for the Deschutes Basin Brad Houslet, CTWSRO	Challenges to Providing Harvest Opportunities in Oregon Marine Recreational Fisheries Lynn Mattes, ODFW	Eau de <i>Entosphenus</i> : The Role of Pheromones and Current Velocity in Mediating Adult Lamprey Movements Mary Moser, Northwest Fisheries Science Center	The Ecotoxicology of Pesticides and Pacific Salmon – part 2 Nat Scholz, NOAA Fisheries
9:40 a.m.	Seasonal Foraging and Piscivory by Sympatric Wild and Hatchery-reared Steelhead from an Integrated Hatchery Program William Simpson, USFWS - Abernathy Fish Technology Center	Bull Trout Restoration in the Deschutes River Basin Peter Lickwar, USFWS	Reestablishing Wild Coho Salmon Fisheries in Siltcoos and Tahkenitch Lakes Robert Buckman, ODFW	Indexing Northern Pike-minnow Predation 1990-2008 Michele Weaver, ODFW	Urban Pesticides: Assessment Difficulties and Lessons From Pristine Environments (National Parks) Carl Schreck, USGS/ OSU

2009 ORAFS ANNUAL MEETING DRAFT PROGRAM

Time	Technical Sessions, Friday, February 27, 2009, 10:20-Noon				
	Aquaculture Advances (continued)	Deschutes Basin Fishery Restoration (continued)	Harvest Management: recent and impending	Wet-n-Wild:	Pesticide Impacts to Aquatic Resources
Moderator:	Ryan Couture, ODFW and David Hand,	Michael Gauvin, ODFW	Rhine Messmer, ODFW	Jeremy Monroe, Fresh- waters Illustrated	Kristle Warren, OSU, and OSU senior undergraduate
10:20 a.m.	Pressure Shock Induction of Rainbow Trout Anitra Firmenich, ODFW	Reintroduction of a Listed Species, the Best-Laid Plans of Mice and Fish Biologists Scott Carlon, NMFS	Growth, Survival and Contribution to Fisheries of Transplanted White Sturgeon in the Lower Columbia River Colin Chapman, ODFW	Telling the Underwater Story Jeremy Monroe, Fresh- waters Illustrated	Oregon Pesticide Steward- ship Partnerships: Improv- ing Water Quality Through Collaboration Kevin Masterson, Oregon Department of Environ-
10:40 a.m.	Examination of Differ- ences by Sex in Antibio- tic Activity and BKD ELISA Value in Matur- ing Chinook Salmon Sally Gee, ODFW	Deschutes Basin Fish Health Monitoring During the Reintroduction Process Richard Stocking, ODFW	Restoration Planning, Actions and Outcomes in Tryon Creek, Portland Oregon Chip McConnaha, ICF Jones & Stokes	Nassau Grouper Spawn- ing Aggregation in the Caribbean Scott Heppell Deterring Seals and Sea Lions from Marine Gillnets	Pesticides and Water Qual- ity in Oregon Steve Riley, Oregon De- partment of Agriculture
11:00 a.m.	Achieving Optimum Fish Health at Your Propaga- tion Facility Tod Jones, Natural Solu- tions North West, LLC	Cooperative Habitat Resto- ration in the Upper Deschutes River Basin Scott McCaulou, Deschutes River Conser- vancy	Panel Discussion: Harvest Management: recent and impending challenges	Beneath the Surface: Steelhead Sex, Salmon Lust, and Rearing the Kids (Bad Juvenile Behavior) John McMillan	Panel Discussion: Implications of Individual Pesticides and Accumulat- ing Low-level Mixtures on Aquatic Resources in the Pacific Northwest
11:20 a.m.	Oxygen Supplementation at a Coastal Hatchery Roger Warren, ODFW- Gnat Creek Hatchery	Lower Deschutes River Experimental Gravel Aug- mentation Project Bob Spateholts, PGE Com-		Viscious Fishes and Other Riches of the Amazon Ray Troll, SOHO	Panel Discussion (continued)
11:40 a.m.	Ultraviolet Disinfection at Leaburg Hatchery Erik Withalm, ODFW - Leaburg Hatchery	Gather for noon departure: Field Trip to Round-Butte Dam – Don Ratliff and Jim Bartlett, PGE		Viscious Fishes and Other Riches of the Amazon (continued)	Panel Discussion (continued)

Common Acronyms:

EPA = Environmental Protection Agency

NMFS = National Marine Fisheries Service

NOAA = National Oceanic and Atmospheric Administration

ODFW = Oregon Department of Fish and Wildlife

OSU = Oregon State University

PGE = Portland General Electric

USFS = U.S. Forest Service

USFWS = U.S. Fish and Wildlife Service

USGS = U.S. Geological Survey

2009 ORAFS ANNUAL MEETING DRAFT POSTER SESSION PROGRAM

Map#	Poster Title and Primary Author
1	Oregon Fish Passage Barrier Data Standard and Inventory Project
2	The Use of a Resistivity Fish Counter to Passively Enumerate Adult A Run Héeyey (Steelhead <i>Oncorhynchus mykiss</i>) in Camp Creek, Imnaha River Tributary, Oregon
3	Monitoring the Effectiveness of Culverts Replaced or Retrofitted for Fish Passage in the Upper West Fork of Smith River, Oregon Bruce Hansen,
4	Low Cost Weir Design for Monitoring Fish Movement in Small Headwater Streams: Examples from the Trask River Watershed Study
5	The Upper South Fork McKenzie River Enhancement Project – an effort to restore processes and recover habitat
6	Explosive Conservation: Larval sucker response to wetlands restoration at the Tulana portion of the Williamson River Delta Preserve, Oregon
7	Effects of prescribed fire in riparian areas of Southwest Oregon mixed-conifer forests on riparian function and biological integrity
8	Loop analysis as a potential tool to study ecosystem changes in the Gulf of Alaska
9	Synchronous growth patterns within and among populations of the unionid mussel, / <i>Margaritifera falcata</i> /, and the potential for reconstructing river temperature and discharge
10	Distribution of the freshwater mussel <i>Margaritifera falcata</i> in Oregon coastal streams
11	<i>Ceratomyxa shasta</i> Distribution and Host Specificity in the Williamson River
12	Seasonal movements of Cyprinids and Catostomids in the upper Grande Ronde River, Oregon
13	Creating a science-based conservation framework for coastal cutthroat trout
14	Individual- and population-level dynamics of coastal cutthroat trout: Examining roles of physical and biotic processes using individual-based models and manipulated experiments
15	The Devil's in the Details: using life-cycle models to evaluate the probability of extinction Julie Firman, Oregon Department of Fish and Wildlife
16	Parr-to-smolt survival for spring Chinook salmon in the Grande Ronde and Imnaha Rivers, Oregon 1993-2007
17	Historical population structure of coho salmon in the Southern Oregon/Northern California Coasts Evolutionarily Significant Unit
18	Framework for assessing viability of threatened coho salmon in the Southern Oregon/Northern California Coast Evolutionarily Significant Unit Thomas Williams, NMFS Southwest Fisheries Science Center

2009 ORAFS ANNUAL MEETING DRAFT POSTER SESSION PROGRAM

19	Estimates of winter rearing capacity for coho salmon in Oregon coast watersheds Matt Strickland, Oregon Department of Fish and Wildlife
20	What olive ridley sea turtles and salmonids have in common: a discussion of density-dependent impacts on egg survival * Melissa Ann Ocana, Oregon State University
21	Temperate marine reserve response and implications for Oregon's marine reserve science Heather Reiff, Oregon State University
22	Catch and release in the live rockfish fishery: can release of pregnant females be a conservation tool? * Suzanna Stoike, Oregon State University
23	Invasive Species Disinfection Protocol of the Aquatic and Riparian Effectiveness Monitoring Program Henry LaVigne, AREMP - BLM
24	Equipment Decontamination with Sparquat 256: Preventing the Spread of Aquatic Nuisance Species Calah Seese, PACFISH/INFISH Biological Opinion Effectiveness Monitoring USFS
25	Impact of a new artificial shelter on Arctic charr (<i>Salvelinus alpinus</i> , L.) behaviour and culture performances during the endogenous feeding period * Camille Leblanc, OSU Dept of Fisheries and Wildlife
26	Stable isotopes and stomach analysis reveal trophic position and carbon source for non-native rainbow trout (<i>Oncorhynchus mykiss</i>) and brown trout (<i>Salmo trutta</i>) in southern Chilean streams * Ivan Arismendi, Universidad Austral de Chile
27	The ecological relevance of seasonal and spatial variability in diet and consumption by cottid and salmonid fishes in headwater streams in western Oregon * Mark Raggon, Department of Fisheries and Wildlife, Oregon State University
28	Can the otolith microchemical fingerprint distinguish naturally-spawned and hatchery-reared mid-upper Columbia River Chinook salmon?: Validation of a de-facto 'hatchery mark' Londi M. Tomaro, Oregon State University
29	Fish mucus as a rapidly responding tissue in diet switching studies Marshall Church, US EPA
30	Relative Growth Rates of Coastal Cutthroat Trout in Headwater Streams of Western Oregon Douglas Bateman, Forest Engineering, Resources and Management, College of Forestry, Oregon State University
31	Examining Juvenile Chinook Densities in North and Mid Oregon Coastal Estuaries Casey Deckard, Oregon Department of Fish and Wildlife
32	Redd Counts as a Measure of Summer Steelhead Escapement Using the Environmental Monitoring and Assessment Program (EMAP) in the John Day Basin Joshua McCormick, Oregon Department of Fish & Wildlife
33	Coho salmon in Santa Cruz and San Mateo Counties: Detecting rare fish species using snorkel surveys Brian Spence, National Marine Fisheries Service
34	Overwinter Survival of Juvenile Spring Chinook Salmon in the Grande Ronde River Subbasin Jesse Steele, Oregon Department of Fish and Wildlife
35	Spatial patterns in the occurrence of steelhead in the John Day River Jason Dunham, U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center
36	Age structure metrics for precautionary management: can simpler assessment tools save fish, time and money? * Linsey Arnold, OSU Department of Fisheries and Wildlife

2009 ORAFS ANNUAL MEETING DRAFT SCHEDULE-AT-A-GLANCE

Date/Time	Event	Room
Tuesday, February 24		
10:00 a.m. – 5:00 p.m.	Registration / Information / Sales Desk Open	Lobby
1:00 p.m. – 5:00 p.m.	Workshop: Fisheries Telemetry	Cascade C
1:00 p.m. – 5:00 p.m.	Workshop: Aquatic Invasive Species	Cascade D
3:00 p.m. – 3:20 p.m.	Break for workshops	Lobby
Wednesday, February 25		
7:00 a.m. – 6:30 p.m.	Registration / Information / Sales Desk Open	Lobby
8:00 a.m. – 10:00 p.m.	Practice Room (and moderator and speaker rendezvous)	Room 317
8:00 a.m. – 11:30 a.m.	Workshop: Fisheries Telemetry	Cascade C
8:00 a.m. – 11:30 a.m.	Workshop: Aquatic Invasive Species	Cascade D
8:00 a.m. – Noon	Coffee and Refreshment Service	Lobby
8:00 a.m. – Noon	Vendor Displays set-up	
10:00 a.m. – 10:20 a.m.	Break for workshops	Lobby
1:00 p.m. – 2:30 p.m.	Plenary, Keynote Presentation: “Fish Worship” with Ray Troll	Cascade ABCDJ
2:30 p.m. – 3:00 p.m.	Break (pop, juice, coffee, tea)	Lobby
2:30 p.m. – Midnight	Vendor Displays	Lobby
3:00 p.m. – 5:40 p.m.	Concurrent Sessions (4)	
Noon – 7:30 p.m.	Poster Session set-up (36 posters)	Exhibit Hall
4:30 p.m. – 6:00 p.m.	Past Presidents’ Roundtable	Boardroom
6:00 p.m. – 8:00 p.m.	Student-Mentor Mixer	Cascade C D
8:00 p.m. – Midnight	Poster Session and Social	Exhibit Hall
9:00 p.m. – Midnight	Rehearsal for Jam session	

PRESIDENT’S CORNER: CONTINUED

the participants. This is just one example of many changes that you will notice throughout the meeting. And of course, the most obvious change is our eastside venue. Martyne Reesman has done an outstanding job of managing the meeting logistics with the Riverhouse. Despite the many changes, there is no need to worry about the socials, as we have not tinkered with these beloved events. Look for more information about the 2009 Annual Meeting throughout this newsletter and on our website at www.orafs.org. The 2009 Annual Meeting promises to upstage those of the past. We have seen you share your passion recently by becoming more interested in the chapter’s various committees and activities. Bring that same passion to Bend, February 25-27, and help us make the 2009 Annual Meeting the best yet. Now, I challenge you to find a way to get yourself to Bend to partake in the annual meeting, which will be kicked off by none other than Ray Troll. Let’s see that passion!



2009 ORAFS ANNUAL MEETING DRAFT SCHEDULE-AT-A-GLANCE

Date/Time	Event	Room
Thursday, February 26		
7:00 a.m. – 5:00 p.m.	Registration / Information / Sales Desk Open	Lobby
7:30 a.m. – 8:00 a.m.	Coffee and Refreshment Service	Lobby
8:00a.m. – 10:00 p.m.	Practice Room (and moderator and speaker rendezvous)	Room 317
8:00 a.m. – 5:30 p.m.	Poster Session	Exhibit Hall
8:00 a.m. – 6:00 p.m.	Vendor Displays	Lobby
8:00 a.m. – 10:00 a.m.	Concurrent Sessions (5)	
10:00a.m - 10:20 a.m.	Break	Lobby
10:20 a.m. - Noon	Concurrent Sessions (5)	
Noon – 1:20 p.m.	Awards Luncheon (no charge), Professional Awards	Exhibit Hall
1:20 p.m. – 3:40 p.m.	Concurrent Sessions (5)	
3:40 p.m. – 4:00 p.m.	Break	Lobby
4:00 p.m. – 5:30 p.m.	OR AFS Business Meeting, Scholarship Awards	Exhibit Hall
5:30 p.m. – 6:00 p.m.	OR AFS Committee Breakout Discussions	Exhibit Hall
6:00 p.m. – 6:30 p.m.	Banquet Social	Cascade ABCDJ
6:00 p.m. - 8:30 p.m.	Silent Auction	Cascade ABCDJ
6:30 p.m. – 8:00 p.m.	Banquet, Broken Oar and Student Presentation Awards	Cascade ABCDJ
8: 00 p.m. – 9:00 p.m.	Oral Auction and Raffle	Cascade ABCDJ
9:00 p.m. -- Midnight	Jam Session	Cascade ABCDJ
9:00 p.m. – Midnight	Texas Hold'em Fundraiser	Cascade ABCDJ
Friday, February 27		
7:00 a.m. – Noon	Registration / Information / Sales Desk Open	Lobby
7:30 a.m. – 8:00 a.m.	Coffee and Refreshment Service	Lobby
8:00a.m. – Noon	Practice Room (and moderator and speaker rendezvous)	Room 317
8:00 a.m. – 10:20 a.m.	Poster Session (take down after 10:20, before noon)	Exhibit Hall
8:00 a.m. – 10:20 p.m.	Vendor Displays (take down after 10:20, before noon)	Lobby
8:00 a.m. – 10:00 a.m.	Concurrent Sessions (5)	
10:00 a.m. – 10:20 a.m.	Break	Lobby
10:20 a.m. - Noon	Concurrent Sessions (5)	
12:30 p.m. – 3:30 p.m.	Round Butte Dam Field Tour and Lunch (1 hour N of Bend)	Off-site



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Piscatorial Press Deadlines:
Dec. 15; March 15; June 15; Sept. 15
Newsletter will be published approximately
one month after submission received.
*Late submissions used as time
and space allows*