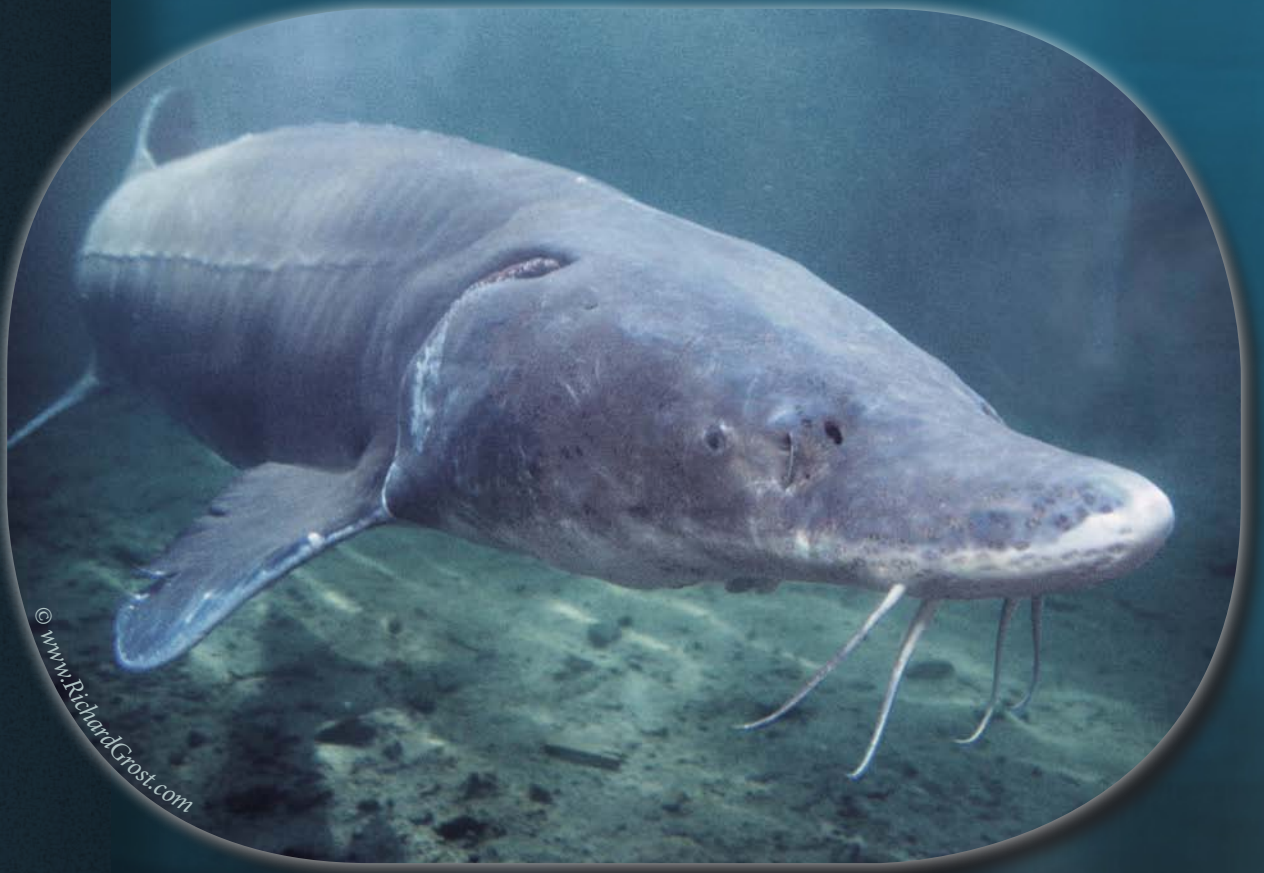


Oregon Chapter
AMERICAN FISHERIES SOCIETY
47th Annual Meeting



**MANAGING
THROUGH SCIENCE
NOT EMOTION**

February 22-25, 2011 | Bend, OR

Program printing sponsored by



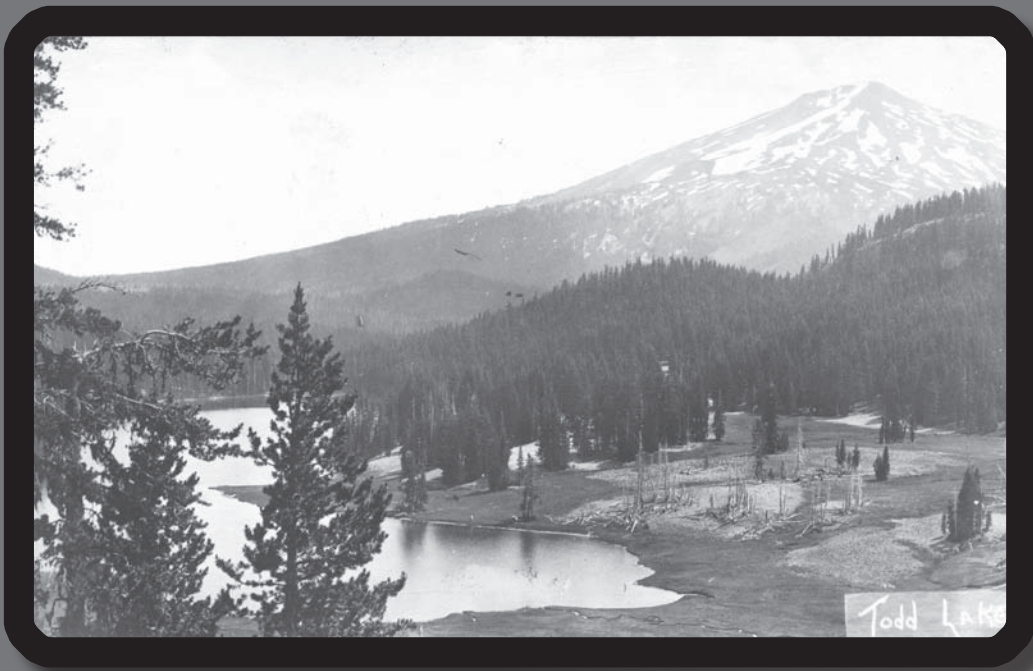
Let's turn the answers on.

Dedicated to providing safe, reliable, and renewable energy with environmental respect—and to generating answers for our future.



ONE OF THE MOST FAMOUS AND APPROACHABLE FISH IN OREGON, Herman the white sturgeon (*Acipenser transmontanus*) makes a slow lap along his window to the human world at Bonneville Fish Hatchery's Sturgeon Viewing Center, built in 1998 by the Oregon Wildlife Heritage Fund for his arrival. ODFW lists Herman as exceeding 10 feet, 450 pounds, and 70 years. His favorite dish is leftover jack coho salmon—and now will not eat any other kind of fish! According to Marla Chaney, Herman's favorite pastime (short of spawning) is tormenting with nose pokes and tail splashes those trying to clean the windows. To volunteer for window duty, call the hatchery! Photo ©Richard Grost, www.RichardGrost.com.

TOP Todd Lake and Mt. Bachelor near Bend, Oregon | WilliamsG_CO_Todd Lake | OSU Archives
BOTTOM Deschutes River and the Three Sisters as seen from Bend | WilliamsG_CO_Three Sisters2 | OSU Archives



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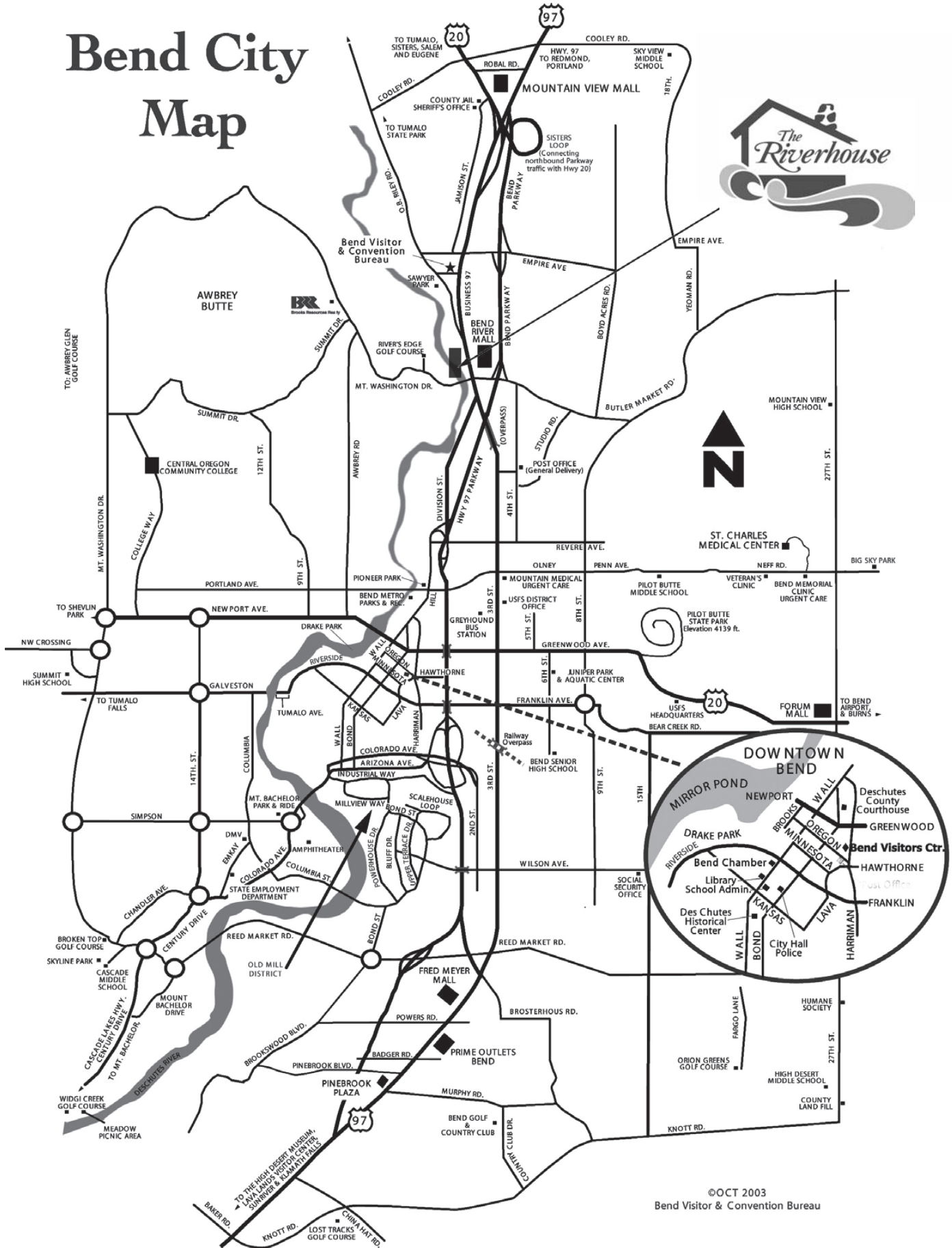
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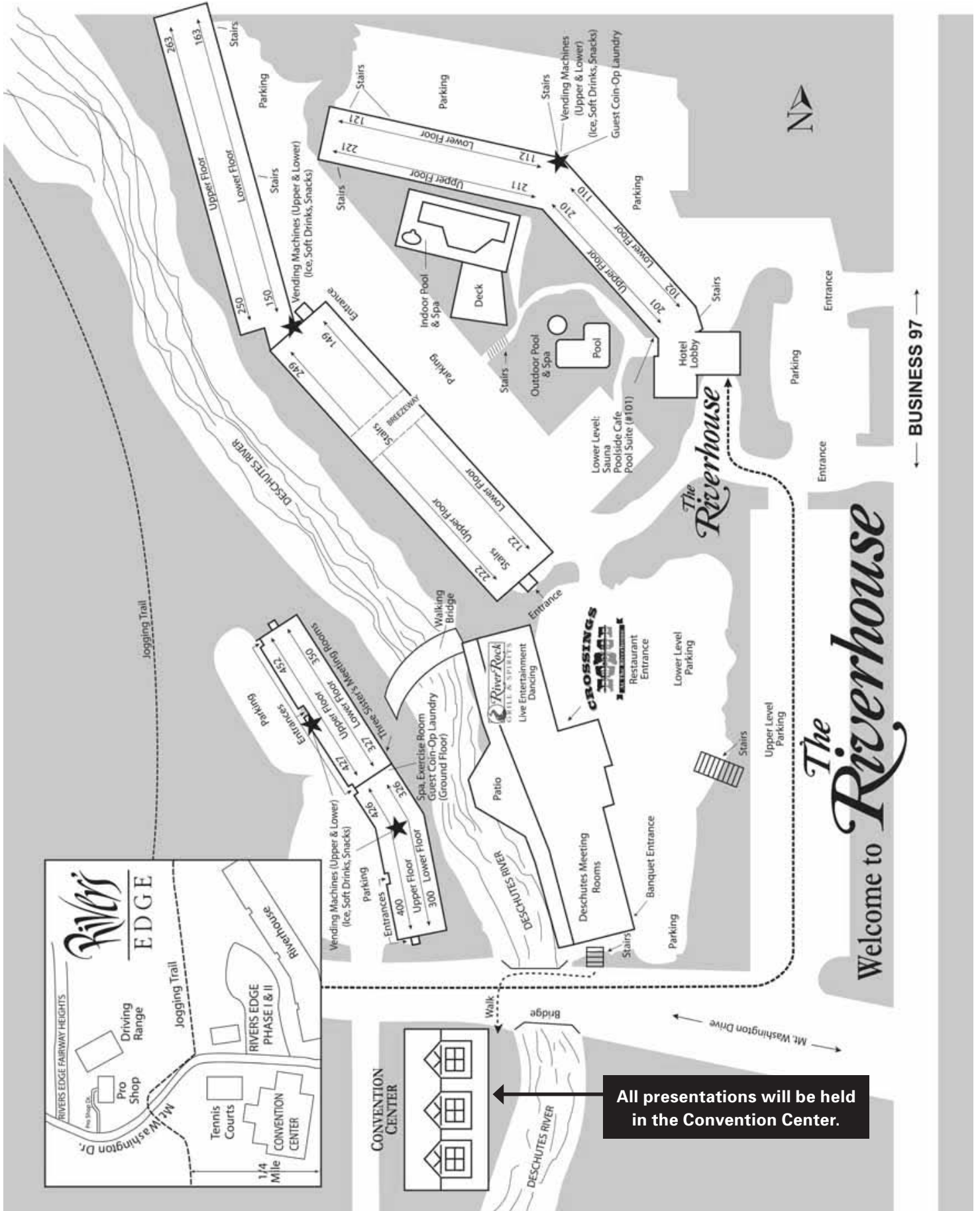
Evaluation Form 27

Bend City Map



©OCT 2003

Bend Visitor & Convention Bureau



All presentations will be held in the Convention Center.

Poster Session

SETUP

Noon–7:30 PM

Wednesday, February 23

Boards will be provided and names of poster authors will be indicated on each board. Authors are responsible for their own hanging hardware.

DISPLAY HOURS

8:00 PM–Midnight, Wednesday, February 23

7:30 AM–6:00 PM, Thursday, February 24

7:30 AM–10:20 AM, Friday, February 25

POSTER SESSION AND TRADE SHOW SOCIAL

8:00 PM–Midnight

Wednesday, February 23

During the social, authors are asked to be with their posters between 8:00 and 9:00 p.m.

TAKEDOWN

Friday, February 25

10:20 AM–Noon

Any materials left after noon on Friday will be discarded.

Cascade Exhibit Hall

Marika Dobos ODFW	1	8	Ian Reid USFS
Ian Wilson* NPT	2	9	Aaron Poloni ODFW
Joelle Pomraning CTUIR	3	10	Matt Weeber ODFW
Jeremy Romer ODFW	4		

Luciano Chiaramonte* OSU	15	22	Allison Johnson USFS
Nathan Banet* U of P	16	23	Brock Phillips BOR
Nathan Banet* U of P	17	24	Alex Wilkens BOR
Jeremiah Psiropoulos* OSU	18		

D.W. Leer USGS	5	11	Justin Huff* OSU
Matt Sloat* OSU	6	12	Brian Turner* PSU
Terra Schultz ODFW	7	13	Robert Hannah ODFW
		14	Matthew Blume ODFW

Matt Hall USFWS	19	25	Chris Smith, PE RDG Inc.
Travis Collier USFWS	20	26	Bruce Schmidt PSMFC
Marla Chaney ODFW	21	27	Julie Burton Indian Creek Stewards
		28	Pete Gruendike RDG



WELCOME to the 47th Annual Meeting of the Oregon Chapter of the American Fisheries Society! Thank you for taking the time out of your busy schedules and finding the financial support necessary to attend this event. Thanks to our vendors and sponsors for continuing your support of this organization. You will not be disappointed.

It is quite an honor to serve as the President of the Oregon Chapter. Ours is one of the more active chapters in the nation, and our efforts are noticed. This year has been a very busy one. We sponsored a very successful fall workshop, hired a legislative liaison, and are trying to play a more active role in the Oregon legislative session. In addition, there are proposed revisions to bylaws before the membership, and we are working on revitalization of the student subunit. I am proud of what we have accomplished.

With your help, the Planning Committee has organized a stellar program of technical sessions, posters, and social events. Because I find them challenging, I try to attend at least one session at every conference that is well outside my area of expertise. I encourage you to do the same. This meeting will also provide ample time for networking, mentoring, and socializing with your friends and peers. Be sure to take advantage of these opportunities, and do not miss the chance to make new connections and learn something new.

The Chapter's Annual Business Meeting will be held Thursday afternoon after the Awards Luncheon. Your attendance and participation are encouraged. We will be electing the next slate of officers and voting on the proposed bylaw changes. Your VOTE is important. Come and hear what the Executive Committee has been working on for the last year and see where we're headed for the next year.

Thank you again for your support,

A handwritten signature in cursive script, appearing to read "Demian Ebert".

DEMIAN EBERT

President

Oregon Chapter American Fisheries Society

Welcome to Managing Through Science not Emotion, the 47th Annual Oregon Chapter Meeting

Who among us doesn't love science? We, as natural resource professionals and natural resource professionals-in-training, rely on science every day of our lives. But what is science? From the Latin *scientia*, it means "knowledge." As defined in Wikipedia, science is "an enterprise that builds and organizes knowledge in the form of testable explanations and predictions about the world."

Science is also the cornerstone of the Oregon Chapter of the American Fisheries Society's mission, which includes improving the conservation and sustainability of Oregon fishery resources and their aquatic ecosystems for long-term public benefit by advancing science. But how do we best advance science or knowledge, particularly in a time that many believe is experiencing an anti-science trend?

Intuitively, the dissemination of science and education of the public to become more scientifically literate should be easier in this media age. However, word on the streets is that reports are being buried, manipulated, and are also biased. Biases include religious beliefs, political ideologies, and emotions.

Often emotions overtake rational thought and reasoning in decision making processes. With emotional bias, a person is usually inclined to believe something that has a positive emotional effect, even if there is evidence to the contrary. They are also reluctant to accept hard facts that are unpleasant. For example, some people are admittedly reluctant to accept that global warming is occurring, regardless of the causes, because of what it means to society and the planet.

With the politicization of science, science is manipulated for political gain. All too often we hear how legal or economic pressure is used to influence the findings of scientific research or the way it is disseminated, reported or interpreted. Groups conduct

various campaigns to promote their interests in defiance of science, and in an effort to manipulate public policy.

Integrity in science means taking all necessary measures to ensure that neither conscious nor unconscious bias

influences the result. Although emotions and other biases exist, we cannot let them form the basis of our decisions. We should manage using science and take advantage of safeguards built into science to minimize bias, such as peer review and confirmation of results by independent groups and study.

In an essay in the High Country News, Rocky Barker writes that "[Dr. Don] Chapman reminds us of something that's often forgotten nowadays. Science is not about accepting the majority opinion; it is about peer review and research. Scientists defend their hypotheses with data, not with emotion." Based on this quote, the meeting theme and plenary speaker were secured.

Over the course of this meeting you will hear presentations and read posters on research being conducted to advance fishery science and knowledge. You will learn how the results of this research are being utilized to improve aquatic resources and the habitats on which they depend. Just as important, you will learn how science is being disseminated and used to educate and inspire the next generation of scientists.

According to Aldo Leopold, "A thing is right when it tends to preserve the integrity, stability and beauty of the biotic community. It is wrong when it tends otherwise."

To ensure the integrity, stability and beauty of biotic communities, each of us and our Society should do all we can to ensure that science is conducted, disseminated, and provided in forums and by means for all to implement and understand.



Colleen Fagan
PROGRAM CHAIR
2011 ANNUAL MEETING

2010-2011 Executive Committee



The **President** of the Chapter presides at all Chapter meetings, chairs the ExCom, is Chapter Representative to the Western Division and to the Parent Society, and makes such appointments and performs other duties and functions as authorized and necessary for overall Chapter effectiveness. Also crafts a 1-year work plan and budget, arranges sponsorships, and writes columns for the newsletter.

Demian Ebert, AECOM

Contact information available at www.orafs.org

The **President-Elect** chairs the Program Committee and assumes the duties of the President in the event of the President's absence or inability to act. Plans the Annual Meeting theme, program, and presentations.



**Colleen Fagan
ODFW**

The **Vice President** chairs the Resolutions and Bylaws Committee and assumes the duties of the President-Elect in the event that office is vacated prior to completion of the term. Manages Student Activities and Raffle & Auction committees.



**Shivonne Nesbit
ODFW**



**Rich Grost
PacifiCorp**

The **Past President** chairs the Nominating Committee and chairs the ExCom if neither the President nor President-Elect is available. Imparts historical wisdom, manages Trade Show, and prepares for retirement.



**Michele Weaver
ODFW**

The Secretary-Treasurer keeps the official records of the Chapter, collects and banks any funds allotted to the Chapter, and disburses funds as authorized by the ExCom. Manages

registration and tracks all other cash flow at the Annual Meeting.

The **Internal Director** appoints the Historian and Chairs of the Awards and Scholarship committees, and chairs the Arrangements Committee. Manages facility, food breaks, and A/V needs and costs for Annual Meeting.



**Jason Kent
Tetra Tech**



**Jeremiah
Osborne-Gowey
Conservation
Biology Institute**

The **External Director** supervises and motivates all External Committees. Ensures that committees respond to ExCom (and vice-versa) and participate in Annual Meeting.



**Justin Huff
OSU**

The **Student Representative** serves as a liaison between the Chapter and the approved Student Subunit(s) of the Chapter. Assists Vice President with student planning for Annual Meeting.

2010-2011 Committee Chairs

INTERNAL COMMITTEES

AFS/TWS LIASONS

Tony Faast (USFWS)
Patty Snow (ODFW)

AWARDS

Mindy Simmons (COE)

HISTORIAN

Don Ratliff (PGE)

INVESTMENT COMMITTEE

Michele Weaver (ODFW)

NEWSLETTER EDITOR

Allison Evans (OSU)

RESOLUTIONS & BYLAWS

Shivonne Nesbit (ODFW)

SCHOLARSHIPS

Scott Heppell (OSU)

WEBMASTER

Kara Anlauf (ODFW)

EXTERNAL COMMITTEES

EDUCATION & OUTREACH

Karen Hans (ODFW)

FISH CULTURE

Ryan Couture (ODFW)

Get involved in *YOUR* Chapter. Contact Demian at the meeting or later at 503-227-1042 or demian.ebert@aecom.com.

FRESHWATER HABITAT

Ian Reid (USFS)

LEGISLATIVE

Hiram Li (OSU)

MARINE HABITAT & ECOLOGY

Scott Heppell (OSU)

NATURAL PRODUCTION

Jens Lovtang (CTWS)

LEGISLATIVE LIAISON

Sue Marshall (Trillium Consulting)

2011 Annual Meeting
PLANNING COMMITTEE

PLANNING COMMITTEE CHAIR

Colleen Fagan (ODFW)

ANNUAL BUSINESS MEETING

Demian Ebert (AECOM)

SIGNS AND BANNERS

Jason Kent (Tetra Tech)

BUDGET

Demian Ebert (AECOM)

SPONSORSHIPS

Demian Ebert (AECOM)

COMPUTER USE AND A/V

Colleen Fagan (ODFW)

STUDENT COORDINATION & ACTIVITIES

Shivonne Nesbit (ODFW)

FACILITY & FOOD ARRANGEMENTS

Jason Kent (Tetra Tech)

STUDENT PAPER JUDGING

Mike Hudson (USFWS)

FIELD TRIPS

Colleen Fagan (ODFW)

TECHNICAL PROGRAM

Colleen Fagan (ODFW)

IMBIBEMENTS

Mike Gauvin (ODFW)

TEXAS HOLD'EM

Tom Iverson (CBFWA)

Neil Ward (CBFWA)

Dave Ward (CBFWA)

POSTER CHAIR

Colleen Fagan (ODFW)

TRADE SHOW

Rich Grost (PacifiCorp Energy)

PROGRAM GUIDE

Colleen Fagan (ODFW)

WEBSITE & ONLINE ABSTRACT SERVICE

Karan Anlauf (ODFW)

REGISTRATION

Michele Weaver (ODFW)

WORKSHOPS

Colleen Fagan (ODFW)

Rich Grost (PacifiCorp Energy)

RAFFLE & AUCTION

Alison Dauble (ODFW)

Brook Silva (USFWS)

Date/Time	Event	Room
Tuesday, February 22		
7:00 am – 5:00 pm	Trade Show Display Setup	Exhibit Hall
11:00 am – 5:00 pm	Registration / Information	Conference Center Lobby
1:00 pm – 5:30 pm	Workshops (2)	Cascade CD
3:00 pm – 3:20 pm	Coffee and Refreshment Service	Conference Center Lobby
Wednesday, February 23		
7:00 am – 6:30 pm	Registration / Information / Sales Desk Open	Conference Center Lobby
7:00 am – Noon	Coffee and Refreshment Service	Conference Center Lobby
8:00 am – 11:30 am	Workshops (2)	Cascade CD
8:00 am – 2:30 pm	Trade Show Display Setup	Exhibit Hall
Noon – 7:30 pm	Poster Session Setup	Exhibit Hall
1:00 pm – 2:30 pm	Plenary, Keynote Presentation	Ballroom
2:30 pm – 3:00 pm	Break & Refreshment Service	Exhibit Hall
2:30 pm – Midnight	Trade Show	Exhibit Hall
3:00 pm – 5:00 pm	Concurrent Sessions (4)	Cascade CD, B, EF, AJ
6:00 pm – 7:30 pm	Student-Mentor Mixer	Cascade CD
8:00 pm – Midnight	Poster Session and Trade Show Social	Exhibit Hall
10:00 pm – Midnight	Acoustic Jam Session	Exhibit Hall
Thursday, February 24		
7:00 am – 5:00 pm	Registration / Information / Sales Desk Open	Conference Center Lobby
7:30 am – 8:00 am	Coffee and Refreshment Service	Exhibit Hall
7:30 am – 6:00 pm	Poster Session	Exhibit Hall
7:30 am – 6:00 pm	Trade Show	Exhibit Hall
8:00 am – 10:00 am	Concurrent Sessions (4)	Cascade CD, B, EF, AJ
10:00 am – 10:20 am	Break & Refreshment Service	Exhibit Hall
10:20 am – Noon	Concurrent Sessions (4)	Cascade CD, B, EF, AJ
Noon – 1:45 pm	Awards Luncheon (no charge), Professional & Scholarship Awards	Exhibit Hall
1:45 pm – 2:30 pm	OR AFS Business Meeting	Exhibit Hall
2:30 pm – 3:00 pm	OR AFS Committee Breakout Discussions	Exhibit Hall
2:40 pm – 3:00 pm	Break & Refreshment Service	Exhibit Hall
3:00 pm – 5:00 pm	Concurrent Sessions (4)	Cascade CD, B, EF, AJ
5:00 pm – 6:00 pm	ODFW/OSU Sponsored Mixer	Exhibit Hall
6:00 pm – 6:30 pm	Banquet Social	Ballroom
6:00 pm – 8:30 pm	Silent Auction	Ballroom
6:30 pm – 9:00 pm	Banquet, Awards, Oral Auction, Raffle	Ballroom
9:00 pm – 12:30 am	Dancing with Music by The Reputations	Ballroom
9:00 pm – 12:30 am	Texas Hold'em Fundraiser	Ballroom
Friday, February 25		
7:00 am – Noon	Registration / Information / Sales Desk Open	Conference Center Lobby
7:30 am – 8:00 am	Coffee and Refreshment Service	Exhibit Hall
7:30 am – 10:20 am	Poster Session	Exhibit Hall
7:30 am – 10:20 am	Trade Show	Exhibit Hall
8:00 am – 10:00 am	Concurrent Sessions (4)	Cascade CD, B, EF, AJ
10:00 am – 10:20 am	Break & Refreshment Service	Exhibit Hall
10:20 am – Noon	Concurrent Sessions (3)	Cascade CD, B, EF
10:20 am – Noon	Trade Show and Poster Session (takedown)	Exhibit Hall
1:00 pm – 3:00 pm	Tour of Pelton-Round Butte Fish Passage Facility	Off-site

SESSIONS AT A GLANCE

Start Time	Session Titles (Room)			
Wednesday, February 23				
1:00 pm	Plenary (Ballroom)			
2:30 pm	Break			
3:00 – 5:00 pm	Marine Fisheries: Marine Reserves and More (Cascade CD)	The Good, the Bad and the Beautiful: Native Trout, to Invasive Species, to Suckers and Sticklebacks (Cascade B)	Fish Physiology (Cascade EF)	Factors Affecting Salmonid Survival at the Smolt and Adult Life Stages (Cascade AJ)
6:00-7:30 pm	Student-Mentor Mixer (Cascade CD)			
8:00 pm – Midnight	Poster Session and Trade Show Social (Cascade Exhibit Hall)			
10:00 pm – Midnight	Acoustic Jam Session (Cascade Exhibit Hall)			
Thursday, February 24				
8:00 am	Marine Fisheries: Marine Harvest Issues (Cascade CD)	The Good, the Bad and the Beautiful: Native Trout, to Invasive Species, to Suckers and Sticklebacks (Cascade B)	The Latest on Lamprey (Cascade EF)	Salmonid Life History Investigations (Cascade AJ)
10:00 am	Break			
10:20 am	Fish Health: Parasites and Viruses—Oh, My! (Cascade CD)	Sweating the Small Stuff: Fish Passage Issues Under the Radar (Cascade B)	Water Quality, Quantity and Lamprey Leftovers (Cascade EF)	Aquatic Insects: It's What's Bugging You (Cascade AJ)
Noon	Awards Luncheon (no charge) and Professional and Scholarship Awards			
1:45 pm	OR AFS Business Meeting			
2:30-3:00 pm	OR AFS Committee Breakout Discussions			
2:40 pm	Break			
3:00 pm	Changing the Culture of Fish Culture: What, Why, How (Cascade CD)	Sweating the Small Stuff: Fish Passage Issues Under the Radar (Cascade B)	Education and Outreach (Cascade EF)	Salmonid Distribution and Abundance Estimation (Cascade AJ)
5:00 – 6:00 pm	ODFW/OSU Sponsored Mixer (Cascade Exhibit Hall)			
6:00 – 6:30 pm	Banquet Social (Ballroom)			
6:00 – 8:30 pm	Silent Auction (Ballroom)			
6:30 – 9:00 pm	Banquet, Awards, Oral Auction, Raffle (Ballroom)			
9:00 – 12:30 am	Dancing with Music by The Reputations (Ballroom)			
9:00 – 12:30 am	Texas Hold'em Fundraiser (Ballroom)			
Friday, February 25				
8:00 am	Freeing Rivers: Dam Removal Considerations and Success Stories (Cascade CD)	Deschutes Basin Fish Reintroduction, Research and Restoration (Cascade B)	Prioritizing Habitat Restoration Actions (Cascade EF)	Supplementation Successes and Lessons (Cascade AJ)
10:00 am	Break			
10:20 am	Adult and Juvenile Salmonid Passage and Behavior at Dams (Cascade CD)	Deschutes Basin Fish Reintroduction, Research and Restoration (Cascade B)	Implementing and Monitoring Habitat Restoration Actions (Cascade EF)	—

Registration

Located on the first floor of the Convention Center, registration hours are as follows:

Tuesday, Feb. 22
11:00 AM – 5:00 PM

Wednesday, Feb. 23
7:00 AM – 6:30 PM

Thursday, Feb. 24
7:00 AM – 5:00 PM

Friday, Feb. 25
7:00 AM – Noon

Abstracts

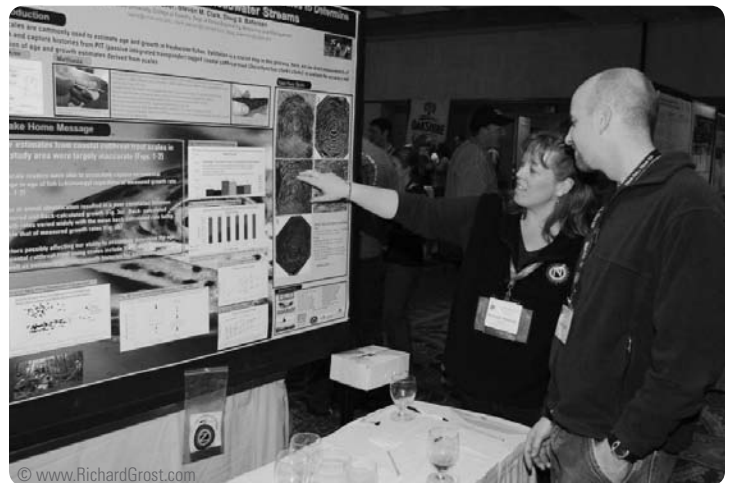
Abstracts from technical and poster sessions, as well as other conference information, may be found on the ORAFS website at www.orafs.org. A community copy of the abstracts will be available at the registration table.

Raffle

Raffle tickets will be for sale Tuesday through Thursday in the registration area and during the Poster Social. On Thursday night, tickets will be available during the Banquet Social as well as during the Banquet. Several of the raffle items will be on display at the registration table prior to the raffle. The raffle itself will take place after the banquet. Don't leave early!

Poster Session & Trade Show Social

Posters have been organized by topic, and poster authors will be present from 8:00 p.m. to 9:00 p.m. during the Poster Social on Wednesday evening. During the poster session, be sure to take the opportunity to visit local and nationally recognized vendors of fishery equipment and services. Posters will be taken down starting at 10:20 a.m. Friday. Unless alternative arrangements are made in advance, posters not removed from the display boards by noon on Friday will be discarded.



SETUP

Posters: Noon - 7:30 PM Wednesday

Trade Show Vendors: Begins 7:00 AM Tuesday

DISPLAY HOURS

Trade Show: 2:30 PM Wednesday – 10:20 AM Friday

Posters: 8:00 PM Wednesday – 10:20 AM Friday



Post-Meeting Tour Friday, February 25

Meet in the Conference Center Lobby at 1:00 pm to carpool to Round Butte Dam. The tour will last approximately 2 hours and is free to all attendees.

Pelton-Round Butte Dam Tour

Visit Round Butte Dam on Friday and view the completed Selective Water Withdrawal Tower and associated Downstream Fish Transfer Facilities (FTF). Portland General Electric and the Confederated Tribes of the Warm Springs Reservation of Oregon have been operating the new Selective Water Withdrawal and FTF for approximately one year. The water intake structure screens approximately 6,000 cfs of surface water to exclude fish from the powerhouse flow while directing the fish to the capture facilities. All fish attempting to emigrate from Lake Billy Chinook are captured at the Round Butte Dam downstream FTF. The FTF is designed to allow capture of fish according to size; biological sampling; recycling; and transport of resident species and downstream migrating salmon and steelhead. Facility managers evaluated the performance of the fish collection and sampling facilities relative to the 93% safe passage standard established for naturally reared salmonids. Smolt survival was estimated as 98.2% for Chinook salmon, 98.5% for steelhead, and 97.7% for sockeye salmon.



Dr. Don Chapman's fisheries career spanned 55 years, which included leading regional and international fisheries conservation efforts. Most of his career was spent working on salmon and steelhead throughout the Pacific Northwest.

Dr. Chapman's keynote address, focusing on Columbia and Snake River salmon and steelhead issues, will take place from 1:00 to 2:30 p.m. Wednesday, Feb. 23, in the Ballroom.

PERSPECTIVES *from the* IDAHO HIGH COUNTRY

Dr. Don Chapman

The "guru" of salmon science in the Pacific Northwest and one of Oregon and Idaho's most renowned fish biologists

DR. CHAPMAN ATTENDED Oregon State University, where he received his B.S. in Forest Management and his M.S. and Ph.D. degrees in Fisheries. Following graduation, Dr. Chapman began teaching biometry and ecology at Oregon State University in 1959. Five years later he became the leader of the Idaho Cooperative Research Unit and a professor of Fishery Resources at the University of Idaho, positions he held until 1972. His principal emphasis was salmon and steelhead ecology in fresh water, mostly in the Salmon and Clearwater rivers. Dr. Chapman also managed to mix in being a visiting associate professor of Limnology at the University of Wisconsin and a visiting professor at Montana State University. From 1984 through 1997, he served as an adjunct professor at Idaho State University. Many of Dr. Chapman's students went on to attain influential jobs where they were responsible for researching and managing salmon and steelhead throughout Oregon and the Pacific Northwest.

In Oregon, Dr. Chapman worked as the coordinating biologist for the Governor's Committee on Natural Resources. He also was the director of research for the Oregon Fish Commission, executive secretary of the Oregon State Water Resources Research Institute, and coordinator of the Alsea

Watershed Study. In these positions, Dr. Chapman supervised the research and management work of biologists charged with marine and freshwater food fish management, with emphasis on Columbia River anadromous stocks. He also coordinated and engaged in several research activities on the effects of timber harvest on stream ecology. During his 55-year career, Dr. Chapman served on two committees on Columbia River anadromous fish for the National Research Council and the National Academies of Science.

Dr. Chapman's international career experiences included work for the United Nations Food and Agricultural Organization in Cartagena, Colombia, and Kigoma, Tanzania, both of which involved helping native people to develop sustainable fisheries. Following his international work in Colombia and Tanzania, Dr. Chapman opened and ran a consulting firm for 20 years. As a consultant, he worked for utilities and defended the Columbia River basin hydroelectric industry. Dr. Chapman was one of the most prominent opponents to breaching the four lower Snake dams and one of the staunchest supporters of the current fish bypass and collection systems at the dams. He faced off against many of his former students in court, believing and testifying that it was not necessary to breach Snake River dams

The Sound of Science

TONY FAAST

*Fish and wildlife biologist,
Wildlife and Sport Fish Restoration Division
of the U.S. Fish and Wildlife Service*



to save threatened and endangered salmon runs. But climate change and the resultant rising river and ocean temperatures and shrinking ice caps have changed his mind. In 2005, citing new scientific evidence on the warming of the Columbia River and North Pacific, Dr. Chapman went on record as supporting breaching of the four lower Snake River Dams as the only way to prevent these fish from going extinct. Doing so, he argued, will cool temperatures in the Snake and Columbia rivers, reduce travel time for fish, increase spawning habitat for fall Chinook salmon and eliminate a major source of adult and juvenile fish mortality.

For Dr. Chapman, science is not about accepting the majority opinion; it is about defending hypotheses with data rather than emotion. He has researched, published, consulted, and worked in many coastal and inland streams in the Pacific Northwest. He has authored more than 100 reports, many of which have been published in peer-reviewed journals and books. Because of his extensive work on and commitment to anadromous species and their habitat, Dr. Chapman has been recognized with the Award of Excellence from the Idaho Chapter of the American Fisheries Society and the “Most Significant Paper” in the Transactions of the American Fisheries Society in 1965, 1976, and 1988. We are excited to kick off the Annual Meeting with a plenary talk that is sure to inform and inspire!

In addition to Dr. Don Chapman, fish and wildlife biologist Tony Faast will present a short and humorous view of “The Sound of Science.”

During his 37 years with state and federal fish and wildlife agencies, Tony has enjoyed a varied career as a fish squeezer, hunter educator, habitat protector, outreach, and grants manager. His proud career accomplishments include President of the Oregon Chapter of the American Fisheries Society ... and survivor of more than 100 public meetings!

Tony holds a Bachelor of Science degree in Wildlife Management from Oregon State University and a Master of Science degree in Outdoor Education from Southern Oregon State College. His 20-year career with the Oregon Department of Fish and Wildlife included positions as a hatchery technician, hunter education coordinator, habitat staff biologist, education supervisor and the agency’s first public involvement coordinator.

Joining the U.S. Fish and Wildlife Service in 1994, Tony was involved in the initial development of a pioneering outreach effort to bring a new approach to interacting with the many and varied publics of the agency. He is currently serving as a staff biologist for the Division of Wildlife and Sport Fish Restoration in the Pacific Region.

Although busy with the Fish and Wildlife Service, Tony also serves as a Senior Staff member of the Interagency Cispus Workshop, which provides training in Resource Management Communication Skills. He has developed relevant curriculum in the areas of Collaboration, Public Involvement, Resource Planning, Outreach/Education and High Stakes Facilitation in the public arena. Tony Faast’s 30 years of experience conducting public meetings and involvement activities with state and federal natural resource agencies and successfully facilitating many task groups, commissions, public meetings and strategy sessions—often under trying circumstances—has earned him the coveted title of “Combat Facilitator.”

Music, Mingling & More!



To maximize networking opportunities and celebrate our Chapter's accomplishments, the 2011 ORAFS Annual Meeting will host several social networking events in Bend. Admission to socials requires a conference name badge.

WEDNESDAY

Student-Mentor Social

February 23 6:00 PM - 7:30 PM

Cascade CD

This event has been hugely popular during previous meetings and returns for 2011. The "speed-dating" format will be continued to allow more interaction and networking among students and professionals. Participants will have the occasion to discuss experiences, opportunities, and challenges in fisheries careers in a one-on-one forum. Employers, professors, professionals, and graduate program representatives are encouraged to attend.

Poster Session and Trade Show Social

February 23 8:00 PM - Midnight

Cascade Exhibit Hall

This year's Poster and Trade Show Social will include 28 posters covering a vast array of fisheries-related issues and several vendor exhibits. Join us in the Cascade Exhibit Hall to read the posters, talk with authors, and meet with local and nationally recognized vendors of fishery equipment and services, all while enjoying free food and drink. Authors will be with their posters between 8:00 and 9:00 p.m. to discuss their work.

THURSDAY

ODFW/OSU Sponsored Social

February 24 5:00 PM - 6:00 PM

Cascade Exhibit Hall

ODFW and OSU are sponsoring a mixer for all meeting attendees to kick off the banquet activities. Everyone is invited to enjoy free appetizers and beverages while networking with friends and colleagues.

Banquet Social, Banquet, Raffle & Auction

February 24 6:00 PM - 9:00 PM

Ballroom

Social: 6:00 PM - 6:30 PM

Silent Auction: 6:00 PM - 8:30 PM

Banquet: 6:30 PM - 8:00 PM

Raffle & Oral Auction: 8:00 PM - 9:00 PM

Everyone is encouraged to join their friends during the festivities planned for Thursday night. Do not miss this opportunity to win some great artwork, a trip, or maybe some outdoors equipment. Complimentary beverages will be available throughout the night. Although banquet tickets are not required to participate in the social and raffle/auction, a ticket is required for a banquet meal. To ensure an evening of continuous fun, be sure to purchase your banquet ticket in advance. And don't forget the raffle tickets!

The Reputations

February 24 9:00 PM - 12:30 AM

Ballroom

Meeting attendees who enjoy music and dancing will not want to miss Bend's own The Reputations. The Reputations are about FUN!! Their mix of energetic, danceable rock and funk has been their focus from the beginning. "If you can't dance to it, what's the point?!" Free to all meeting attendees.

Texas Hold'em Fundraiser

February 24 9:00 PM - 12:30 AM

Ballroom

If you know when to hold'em and when to fold'em, then this is the event for you. Join meeting attendees in this fundraising event to discover who is the best, or luckiest, Texas Hold'em player, while enjoying free beverages. Who will walk away with the bragging rights? If you are interested in participating but have not registered, please sign up at the registration table in the lobby (\$25 registration fee).

RAFFLE

Make sure to buy your
RAFFLE TICKETS
for a chance to win!



AUCTION

TRIPS

- Winding Waters Rafting**
Full-Day Guided Fishing Tour on the Grand Ronde River
- Rich Grost**
North Umpqua Fishing Retreat Trip
- Wildhorse Resort and Casino**
Getaway Package
- Albacore Tuna Trip**
Scott Heppell

BEVERAGES

- Domaine Serene Winery**
6 bottles of wine
- Rogue Brewery**
Gift basket and gift certificate

GEAR

- Coleman**
2 \$50 gift cards
- Aaron Poloni**
Handmade Salmon Trolling spinners
- Buck Knives**
Knives
- St. Croix**
Fishing rods
- Steve Kucas**
Walking Stick



- Chota Outdoor Gear**
Boot cuffs and waders
- Mountain Hardwear**
Clothing
- Eagle Claw**
Assorted Lures & Hooks
- Jim Teeny Inc.**
\$25 gift certificate
- Benchmade**
Two knives



TICKETS

- Oregon Shakespeare Festival**
Tickets
- Lan Su Chinese Garden**
2 Adult Tickets
- OMSI**
2 Adult Tickets & 2 Youth Tickets
- Oregon Coast Aquarium**
2 Adult Passes
- Marine Discovery Tours**
2 Sealife Cruise tickets
- OSU Department of Athletics**
2 OSU Gymnastics Tickets
- Portland Center Stage**
2 tickets

ART

- Jeff Jolley**
Framed Print of "Winter Awakening" by S. Thom
- Rich Grost Photography**
Custom print, 12 x 18 sturgeon
Custom print, 12 x18 hatching coho



- Steve Kucas**
Abstract artwork
Large Framed Creek Print
Floral Prints
- Raven Maps and Images**
Print
- Joe Tomelleri**
Original artwork

HANDICRAFTS

- Donna Cooper Weaving**
Placemats and table runner
- Jennifer Poirer**
Felted Purse
- Michele Weaver**
Knitted Item



BOOKS

- Sam Beebe - Ecotrust**
Autographed copy of Cache
- Sam Beebe - Ecotrust**
Salmon Nation books

& MORE!

- University of Oregon Bookstore**
- Audubon Society of Portland**
1-Year Family Membership
- Alder Creek Canoe & Kayak**
2-Person Basic Skills Kayak Class
- PSMFC**
Box of assorted clothes

THANK YOU TO OUR GENEROUS DONORS!



COME AND SEE what is happening in fishery science, arts, and technology at the 2011 Trade Show. Stay abreast of new technologies and creative expressions, with abundant opportunities to network with professionals and learn about their products and services. All morning and afternoon refreshment breaks will be served daily in the Trade Show area. We look forward to seeing you there.

BioSonics Telemetry

Seattle, WA

johnk@biosonicstelemetry.com

BioSonics Telemetry offers acoustic telemetry solutions for tagging, tracking, and analyzing movement of fish and other animals as they travel through fresh water and marine environments.

Blue Ridge Timber Cutting Inc.

Coos Bay, OR

blueridgetimber@wildblue.net

Blue Ridge Timber Cutting specializes in tree tipping and other large wood stream restoration, as well as gravel augmentation and full-suspension boulder placement.

Biomark Inc.

Boise, ID

kirstyn.mckay@biomark.com

For over 20 years, Biomark has been a worldwide supplier in electronic identification technology to the fisheries community. Biomark specializes in low-frequency, passive, RFID tags (PIT tags) and related PIT tagging equipment. Biomark also provides specialized biological services such as PIT tagging, study execution, and report writing.

Columbia River Inter-Tribal Fish Commission

Portland, OR

tesj@critfc.org

CRITFC's mission is "To ensure a unified voice in the overall management of the fishery resources, and as managers, to protect reserved treaty rights through the exercise of the inherent sovereign powers of the tribes."

Roscoe Culvert

West Billings, MT

cbennett@roscoeculvert.com

Roscoe Culvert provides environmentally conscious solutions to the soil and water management challenges of the 21st century. Its products include the EcoArch bottomless culvert for natural passageway for fish and aquatic species.

Smith-Root Inc.

Vancouver, WA

iharlan@smith-root.com www.smith-root.com

With over four decades of experience, Smith-Root is widely considered to be the world's leading designer and producer of fisheries conservation equipment. Smith-Root markets a broad range of fisheries investigation products, including electrofishing equipment, fish counters and electric fish barriers. Smith-Root currently produces well over 600 items and maintains a significant manufacturing facility on-site.

Tetra Tech

Portland, OR

jason.kent@tetrattech.com

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Its Pacific Northwest presence includes individuals with expertise in fishery science, water resource science and engineering, and construction.

Trade Show Hours of Operation

Wednesday, February 23

2:30 – Midnight

Thursday, February 24

7:30 AM – 6:00 PM

Friday, February 25

7:30 AM – 10:20 AM

Draft Agenda

Oregon Chapter of the American Fisheries Society Annual Business Meeting

February 24, 2011 | Bend, Oregon

- 1:45 pm Call-to-Order (Demian Ebert)
- Identify Parliamentarian
 - Determination of quorum (50 voting members)
 - Recognitions:
 - o Executive Committee
 - o Committee Chairs, Newsletter, Web Master
 - o Sponsors
 - o Special Guests
- 1:50 pm Approve Minutes from 2010 Annual Business Meeting (Demian Ebert)
Summarize Financial Statement, FY 2009-2010
- 2:50 pm President's Report (Demian Ebert)
- Strategic Plan Goals and Accomplishments
 - Products, Sponsorships, and Communications
 - New Business
 - o Bylaw Revisions (proposed bylaw changes can be found on Page 21)
 - o WDAFS Update
- 2:05 pm Student Subunit Report (Shivonne Nesbit, Justin Huff)
- 2:10 pm Election of New Officers (Demian Ebert)
- Candidates
- President-Elect: Todd Buckhholz, Jeff Yanke
 - Vice President: Bill Brignon
 - Secretary-Treasurer: Michele Weaver (incumbent)
 - Internal Director: Jason Kent (incumbent)
 - External Director: Jeff McEnroe, Shivonne Nesbit
- 2:15 pm Presentation of Past President Award
- 2:20 pm External Director's Report (Jeremiah Osborne-Gowey)
- Legislative Committee
 - Legislative Liaison (Sue Marshall, Trillium Consulting)
 - Other Committee Actions
- 2:30 pm Adjourn
- 2:30-3:00 pm Committee roundtable discussions

Draft Minutes of the Annual Business Meeting Oregon Chapter American Fisheries Society (ORAFS)

Eugene, Oregon | 25 February 2010

Submitted by Shaun Clements

The meeting was called to order by Rich Grost at 1:30. A quorum of 57 members was present at the beginning of the meeting. Rich introduced Mary Buckman, the parliamentarian for the meeting (supported by Jim Hall).

Rich recognized the members of the Executive Committee (ExCom) for their work throughout the year and, particularly, for organizing another Annual Meeting. Several ExCom members are retiring over the coming year and Rich requested ExCom nominees for 2011. Rich also recognized Dave Marvin for organizing the PIT tag workshop. This was a resounding success, and the most well attended workshop in the history of the chapter. Next, Rich recognized the sponsors for their contributions to the meetings. Despite the economic climate ORAFS received more sponsorships than in the past. Kara Anlauf was recognized for her volunteer efforts maintaining the website and setting up the online abstract service. Rich introduced Allison Evans, the new newsletter editor (Neil is overjoyed). Allison has volunteered to take over responsibility for collecting and organizing content in the Piscatorial Press. Members are encouraged to submit feature stories to Allison to share with the rest of the membership. The Western Division AFS (WDAFS) was represented by Mary Buckman (Secretary/Treasurer). In addition, Bob Hughes (a long time ORAFS member) is campaigning for 2nd VP position of the national AFS organization.

Rich asked for corrections for the 2009 AM business meeting minutes. There were no corrections so the minutes were approved as is. Rich also called the members attention to the financial statement. The chapter currently has significant cash reserves because of the WDAFS meeting. Rich explained that these reserves are important for sustaining the chapter in the interim years between hosting the WDAFS meeting. Any members that would like to participate in an investment committee were encouraged to approach the ExCom.

PRESIDENTS REPORT:

Annual meeting: The annual meeting is the biggest event on the OR chapter calendar. Rich questioned whether the members liked the meeting handbook. In general, most were happy with the format and content. One member questioned the need and cost of the glossy paper. Rich highlighted that the printing was sponsored so essentially cost the membership nothing. In addition, the glossy paper improved the readability of the text, given its small size.

Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp): The OR Chapter has followed the BiOp process

closely and commented, via public letter to officials, on the Adaptive Management Implementation Plan (AMIP). However, given the issues involve several states, the Chapter decided to pass this to the WDAFS. The WDAFS subsequently conducted an in-depth review of the AMIP and produced a document (white paper) that is available on the WDAFS website. The white paper was timely and well received, and has since been quoted in several news articles.

Education and Outreach: One of the primary goals of ORAFS is the support of education. In 2009, ExCom supported the printing of 1,000 new stream continuum posters. Lin Howell has already distributed ~200 of these to schools throughout Oregon.

Other items sponsored by the chapter:

- Book on modeling salmon runs (Eric Knutson) \$500
- ORAFS support for the Oregon State University graduate-run symposium, Research Advances in Fisheries, Wildlife and Ecology: \$500
- International conference on Beavers in Canyonville, Oregon: \$500
- Western Division AFS meeting: \$750

Piscatorial Press: Rich and Neil Ward have attempted to improve the layout of the newsletter. Rich polled the members regarding the newsletter, website, and list-serve announcements. There was general agreement that all three were functioning adequately.

VP REPORT:

Shivonne Nesbit has been working on reformatting the student subunit to include graduate students and increase their visibility in fisheries throughout the state. The members were encouraged to provide input with respect to forming a student subunit. Shivonne also suggested that members engage the student volunteers at the meeting to show their appreciation.

SCHOLARSHIPS/AWARDS:

Scott Heppell thanked the ExCom and membership for the opportunity to serve as chair of the Scholarship committee. Scott highlighted the fact that the awards should reward student's for their work and encourage them to continue along a path in fisheries. Scott also acknowledged the reviewers: David Noakes, Joseph Feldhaus, Charlie Corrarino, Steve Jacobs, Tom Worcester, Carl Schreck, and Brian Sidlauskas. The award winners for 2010 were:

- AA award: Kevin Fox
- B.S. award: Justin Huff

- M.S. award: Ralph Lampman
- PhD award: Brooke Penaluna
- Carl Bond award: Brooke Penaluna

EXTERNAL DIRECTOR REPORT:

Jeremiah Osborne-Gowey introduced the 6 external committees and thanked them for the work over the past year. Jason Kent, the current Education and Outreach (E&O) Chair, will be moving into the Internal Director position in 2010. Karen Hans (ODFW) will be replacing Jason on the E&O committee. Steve Starcevich is open to letting someone else chair the Freshwater Habitat (FWH) Committee but still interested in serving on the committee. If anyone knows of someone interested in chairing the FWH Committee, please let Jeremiah know. Jeremiah is also looking for members that are willing to participate on WDAFS and national AFS committees. Last, Jeremiah mentioned that ExCom was considering a late year workshop that may include educational credits for professional members.

Education outreach grants: Jason Kent (E&O Committee Chair) explained that in 2009 ExCom requested the E&O committee award \$20,000 to projects that have a long-term benefit to teach and inform Oregonians about the importance of fish and fish habitats. The committee distributed two Requests For Proposals (RFPs) and considered 39 proposals that were submitted in response to the RFPs. Jason thanked the committee for their time and efforts: Jeff Yanke, Karen Hans, K.C. Briggs, Linda Brown, Wendy Neal, Scott Favrot, Lin Howell, Shivonne Nesbit, and Judith Jensen.

The awards were administered to recipients located throughout the state: the Imnaha, John Day, Willowa, Hood River, Klamath, Grande Ronde, and Clackamas River watersheds. The three 2009 grant recipients have completed their work and will be presenting the results at this (2010) annual meeting. These include:

- USFWS: Blue Mountains Fisheries/Watershed Project
- Willowa Resources: Willowa and Imnaha Rivers Watershed Evaluation Teams (WET) Program
- ODFW: Klamath Basin Fish Field Days for Middle School Students

In Feb 2010, the committee awarded the second round of grants to three recipients. The awards went to:

- Clackamas River Basin Council: Clackamas Basin Watershed Model \$2,537.52
- Indian Creek Stewards: Interpretive Signs for Indian Creek Restoration \$1,500
- North Fork John Day Watershed Council: Rancher's Guide to a Healthy Watershed \$2,162.48

LEGISLATIVE LIAISON UPDATE:

Jeremiah introduced David Moskowitz of Confluence Consulting NW, the Chapter's legislative liaison. David thanked the Chapter for the opportunity to represent them

in the legislature. He also commended the WDAFS for their white paper regarding the FCRPS BiOp. This document was well received among members of the legislature and is a perfect example of how the Chapter can influence decision making. David highlighted that these types of papers are the most effective tool for legislators as the Chapter is not able to respond as quickly to issues during the legislative sessions as they crop up. David also highlighted the 5 areas where he thought ORAFS may have the biggest impact on decisions in the upcoming years:

Renewable energy: The development of renewable energy has a big effect on general funds and is being closely examined given the economic crunch. There is a rush for renewable energy sites but little review of these facilities and their potential effect on habitat.

Riparian Management: In many instances, the counties are responsible for policing the management of these areas. There are currently no laws protecting the riparian zones.

Current measure 66 (appropriation of lottery dollars for watershed funding) must be renewed by 2014. There is an effort to renew this in 2010. David suggested the chapter submit a ballot of support by November.

Marine Reserves: The Legislature extended a ban on offshore drilling for another 10 yrs. The Chapter could provide input to support the science. Many people, including fishermen are concerned that the science is inadequate so are opposed to the places for reserves.

Water Resources: The WR Department must develop a plan for an integrated resource management. A review of the plan by ORAFS would be very beneficial.

WESTERN DIVISION AFS UPDATES:

Mary Buckman reiterated the process for producing the recent whitepaper. In addition, WDAFS is working on a review of the pebble mine in Alaska. The mine has the potential to influence fisheries in Bristol Bay. The resolution has gone to the National AFS for consideration. The Western Native Fishes Project has been a focus of the WDAFS and is nearly complete. Mary also recognized Henry Book for his help with investments and asked for any volunteers to help with the investments committee. Mary also mentioned that the WDAFS annual meeting is coming up. The deadline for abstracts is Mar 14. Last, members were encouraged to submit proposals for personal awards and for chapter of the year.

ELECTION RESULTS:

Rich introduced the new president elect, Colleen Fagan. Shivonne Nesbit retains the VP position, Michele Weaver moves into the Secretary Treasurer role, Jason Kent will be the new Internal Director and Jeremiah will remain in the External Director position. Rich and Demian will move into the Past President and President position.

The Meeting was adjourned at 2:35.

Oregon Chapter American Fisheries Society FINANCIAL STATEMENT FOR FISCAL YEAR 2010

(May 1, 2009 to April 30, 2010)

BEGINNING BALANCE	\$164,639
EXPENSES	
Core Costs	
Accountants - tax preparation	\$850
Mileage	\$173
Office Supplies (copying, postage, fax, etc.)	\$35
Bank Charges	\$368
Post office box rental	\$60
Webhosting	\$250
Insurance (for events via National AFS)	\$150
ExCom Spring Retreat	\$364
ExCom Fall Retreat	\$588
Subtotal	\$2,838
GOAL 1 – Program Development	
Aquatic education for K-12 schools	\$1,131
Expense for President or designee to WDAFS AM	\$812
Expense for President or designee to AFS AM	\$1,895
Expense for President or designee to WDAFS Mid-Year	\$1,111
ORAFS Sponsored Grant for Education and Outreach	\$6,240
Sponsorship of non-ORAFS conferences and projects	\$1,000
Sponsorship of WD Annual Meeting	\$1,000
Subtotal	\$13,189
GOAL 2 – Policy Advocation	
Confluence consulting (liaison support for Leg. Com.)	\$1,200
Subtotal	\$1,200
GOAL 3 – Increase Public Awareness	
T-shirts and other products to sell	\$1,099
Subtotal	\$1,099
GOAL 4 – Promote Development Opportunities	
Four student scholarships (CC, BS, MS, PhD)	\$8,000
Carl Bond Scholarship	\$5,000
Miscellaneous donations	\$500
Plaques & engraving for professional awards	\$995
Subtotal	\$14,495
GOAL 5 – Maintain an Active Student Subunit	
Student subunit support	\$1,407
Student expenses to attend WDAFS student colloquium	\$500
Subtotal	\$1,907
CORE AND PROGRAM EXPENSES	\$34,728

INCOME

Interest from WD Investment Fund	\$1,745
Chapter Rebates/Dues	\$772
Riverhouse rebate from 2009 AM	\$4,400
Product Sales	\$1,827
2010 Annual Meeting	
Sponsorships	\$11,536
Registrations (minus hotel and fixed costs)	\$24,927
Vendors	\$3,067
raffle/auction	\$6,850
ODFW/OSU	\$1,511
Other	\$4,643

TOTAL INCOME	\$61,278
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NET INCOME/DEFICIT	\$26,550
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ENDING BALANCE	\$191,189
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Non-Property assets as of May 1, 2009	\$164,639
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Non-Property assets as of April 30, 2010	\$191,189
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WDAFS Endowment Fund

DATE	BALANCE	GAIN/LOSS	%
31-Oct-09	\$8,024.07		
30-Nov-09	\$8,178.72	\$154.64	1.93%
31-Dec-09	\$8,385.53	\$206.81	2.53%
31-Jan-10	\$8,151.00	-\$234.53	-2.80%
28-Feb-10	\$8,427.99	\$276.99	3.40%
31-Mar-10	\$8,753.43	\$325.44	3.86%
30-Apr-10	\$8,796.81	\$43.39	0.50%
30-May-10	\$8,331.41	-\$465.41	-5.29%
30-Jun-10	\$8,113.29	-\$218.12	-2.62%
30-Jul-10	\$8,454.61	\$341.31	4.21%
31-Aug-10	\$8,291.08	-\$163.53	-1.93%
30-Sep-10	\$8,740.85	\$449.77	5.42%
31-Oct-10	\$8,953.70	\$212.85	2.44%
30-Nov-10	\$8,943.68	-\$10.02	-0.11%
TOTAL GAIN	\$919.61	11.46%	

**Allocation of ORAFS holdings
as of January 1, 2011**

Umpqua Checking	\$101,761.95	54%
Wells Fargo	\$79,092.59	42%
WDAFS Endowment (as of 11/30/10)	\$8,943.68	5%
Total	\$189,798.22	100%

**PROPOSED CHANGES
TO CHAPTER BYLAWS**

The Executive Committee is proposing three changes and some formatting updates to the Oregon Chapter bylaws. These changes have been approved by the Executive Committee, reviewed by the AFS constitutional consultant, and will be presented to membership for a vote at the business meeting in Bend on February 24, 2011. The changes are highlighted below and can be reviewed at <http://www.orafs.org>.

The proposed bylaw revisions include three changes:

- 1) SECTION 4 (a) *Chapter officers serve one-year positions starting in May.* Currently, officers start in September which does not fit well with chapter operations (preparing annual work plan, meeting planning).
- 2) SECTION 4 (d) *Removal of officers.* The current bylaws do not include any language or guidelines for the removal of an officer.
- 3) SECTION 8 (d) *Adds electronic voting and removes mail-in voting from the current bylaws.*

In addition, the bylaw formatting has been updated to fit with the bylaw template provided by the parent society. Ira Adelman, AFS constitutional consultant, reviewed our bylaws and suggested the revised format.

Questions or comments?

Please contact Shivonne Nesbit (503-947-6253; vicepresident@orafs.org).

Technical Sessions, Wednesday, 2/23/11, 3:00-5:00 pm

	Marine Fisheries: Marine Reserves and More	The Good the Bad and the Beautiful: Native Trout, to Invasive Species, to Suckers and Sticklebacks	Fish Physiology	Factors Affecting Salmonid Survival at the Smolt and Adult Life Stage
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
Moderator	Tom Calvanese, OSU	Steve Jacobs, ODFW	Linda Beck, USFWS	Dave Banks, ODFW
3:00 pm	Application of Oregon's Marine Reserves Process to Coastal and Marine Spatial Planning Anna Pakenahm, ODFW	Coastal Cutthroat Trout in the Northern Oregon Cascades: Variable Habitats and Behavior, and an Underwater Perspective David Saiget, BEC, Retired	Comparing the Physiology of Juvenile Summer Chinook Salmon Reared in Either Partial Water Reuse or Flow-Through Raceway Environments Deborah Harstad, U of W, NOAA	Avian Predation on Salmonid Smolts in the Columbia River Estuary by the West's Largest Colony of Double-Crested Cormorants: Management Implications for Fish and Birds Allen Evans, RTR
3:20 pm	Implementation of Oregon's First Two Marine Reserve Pilot Sites Cristen Don, ODFW	Biotic, Geomorphic, and Hydrologic Responses to a Dam-Break Flood in a Small Headwater Stream D.S. Bateman, USGS	Environmental Effects on Smolt Quality and Early Male Maturation in Spring Chinook Salmon Dina Spangenberg, U of W, NOAA	Monitoring Estuarine Survival of Steelhead Trout (<i>Oncorhynchus mykiss</i>) Smolts Using Acoustic Telemetry Camille A. Leblanc, OSU
3:40 pm	Monitoring the Human Dimensions of Marine Reserve Implementation in Oregon Dept. of Fish & Wildlife Melissa Murphy, ODFW	Effectiveness of Electro-Fishing as a Tool for Removal of Brook Trout from an East Slope Cascade Mountain Stream: Threemile Creek, Klamath County, Oregon Terry Smith, USFS	Physiological Metrics Effectively Assess Habitat Quality of Redband Trout (<i>O. mykiss gairdnerii</i>) Brittany Kammerer, OSU	Year-Class Regulation of Mid-Upper Columbia River Spring Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Londi Tomaro*, OSU
4:00 pm	Design and Implementation of a Monitoring Framework for Oregon's Marine Reserves Alix Laferriere, ODFW	Direct Estimation of the Effects of Capturing and Marking Animals on Post-Release Survival Eric Janney, USGS	Matters of the Heart and Sex: Cardiac Stress Physiology in Rainbow Trout Tracey Momoda*, OSU	Trends in Prespawn Mortality of Spring Chinook Salmon in Tributaries of the Willamette River Luke Whitman, ODFW
4:20 pm	Movement Patterns and Home Ranges of Fishes of the Redfish Rocks Marine Reserve Tom Calvanese*, OSU	History of Introduction and Dispersal of Non-Indigenous American Shad (<i>Alosa sapidissima</i>) in the Pacific Northwest Daniel J. Hasselman, U of W	Assessing Growth: A Physiological Response to a Dynamic Environment Larissa Felli, U of W, NOAA	Prespawn Mortality in Spring Chinook Salmon in the Upper Willamette River: Potential Causes and Management Strategies Susan Benda*, OSU
4:40 pm – 5:00 pm	Can Data Collected From Marine Protected Areas Improve Estimates of Life-History Parameters? Thomas Garrison, CFS	Maternal Effects and Biodiversity in Fishes C. Leblanc, U of Iceland	Food Web Ecology Meets Enzymology: Is Thiaminase Activity Related to Trophic Structure in Great Lakes Food Webs? Allison Evans*, OSU	Measuring Redd Superimposition by Summer Chinook to Quantify Impacts on Spring Chinook Robbette Schmit, USFWS

*Student

AFFILIATION ACRONYMS:

BEC = Biofish Environmental Consultants
BLM = Bureau of Land Management
BOR = Bureau of Reclamation
CBFWA = Columbia Basin Fish and Wildlife Authority
CBI = Conservation Biology Institute
CDFG = California Department of Fish and Game
CFS = Cramer Fish Sciences
CGCC = Columbia Gorge Community College
COE = United States Army Corps of Engineers
CRBC = Clackamas River Basin Council
CRITFC = Columbia River Intertribal Fish Commission

CTUIR – Confederated Tribes of the Umatilla Indian Reservation
CTWS=Confederated Tribes of Warm Springs
FCM = Forest & Channel Metrics Inc.
NFJDWC = North Fork John Day Watershed Council
NOAA = National Oceanic and Atmospheric Administration
NPT = Nez Perce Tribe
ODFW = Oregon Department of Fish and Wildlife
OHRC = Oregon Hatchery Research Center
OSU = Oregon State University
PGE = Portland General Electric
PNNL = Pacific Northwest National Laboratory

PSU – Portland State University
RDG = River Design Group Inc.
RTR = Real Time Research
SSWC = South Santiam Watershed Council
UDWC = Upper Deschutes Watershed Council
U of I = University of Idaho
U of P = University of Portland
U of W =University of Washington
USFS = U.S. Forest Service
USFWS = U.S. Fish and Wildlife Service
USGS = U.S. Geological Survey
YIN = Yakima Indian Nation

Technical Sessions, Thursday, 2/24/11, 8:00-10:00 am

	Marine Fisheries: Marine Harvest Issues	The Good the Bad and the Beautiful: Native Trout, to Invasive Species, to Suckers and Sticklebacks	The Latest on Lamprey	Salmonid Life History Investigations
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
Moderator	Tom Calvanese, OSU	Steve Jacobs, ODFW	Dave Ward, CBFWA	Brian Jonasson, ODFW
8:00 am	Developing a Management Plan for Oregon's Nearshore Marine Fisheries Alison Dauble, ODFW	Effects of US Army Corps of Engineers Willamette Projects Operations on Oregon Chub and Other Floodplain Fishes Brian L. Bangs, ODFW	Conservation Public Relations (CPR) for Pacific Lamprey: Creating Visual Media Tools to Communicate the Value of a Little-Known Fish Jeremy Monroe, Freshwater Illustrated	Identification and Characterization of Juvenile Spring Chinook Salmon Overwinter Rearing Habitat in Upper Grande Ronde Valley Scott Favrot, ODFW
8:20 am	Black Rockfish (<i>Sebastes melanops</i>) PIT Tagging in the Primary Recreational Fishery Off of Newport, Oregon D. Wolfe Wagman, ODFW	Comparison of Two Methods for PIT-Tagging Redside Shiners: Effects on Mortality, Tag Retention, and Feasibility of Using These Methods for a Listed Minnow, the Oregon Chub Ryan L. Jacobsen, ODFW	Pacific Lamprey and Hyporheic Exchange: A Potential Universal Driver Affecting Habitat Selection, Migration, and Dam Passage in the North Umpqua Subbasin Ralph Lampman*, OSU	A Spatially and Temporally Explicit, Individual-Based, Life-History and Productivity Modeling Approach for Aquatic Species Kristina McNyset, OSU
8:40 am	Estimation of Short-Term (48 h) Discard Survival for Seven Species of Pacific Rockfish (<i>Sebastes</i>) as a Function of Depth of Capture Robert Hannah, ODFW	Seasonal Size Distribution of Three-Spined Stickleback in an Intermittent/Perennial Stream System Michelle Scanlan*, OSU	Freshwater Residence of Adult Pacific Lamprey in a Coastal Oregon River Basin Steve Starcevich, ODFW	Identification of Maternal Life-History Type and Natal Rearing Origin of Adult Steelhead in the Yakima Basin Ian Courter, CFS
9:00 am	Stock-Based Ocean Aggregation of Discreet Populations of Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Taken in the Oregon Troll Fishery Robert Ireland*, OSU	Invasive Common Carp Negatively Impacting Aquatic Health at Malheur National Wildlife Refuge Linda Beck, USFWS	Migration Behavior and Distribution of Pacific Lamprey in the Willamette Basin Shadia Duery, CFS	Perspectives and Possibilities: Chinook Life Histories and Willamette River Restoration Kirk Schroeder, ODFW
9:20 am	Project CROOS: Developing Information Systems for Fishery Science, Management, and Marketing Peter Lawson, NOAA	Taxonomy, Distribution and Status of Alvord Basin Chubs Travis Neal*, OSU	Unraveling Migratory Behavior and Habitat Use in Adult Pacific Lamprey of the Willamette Basin Tiia Workman, OSU	Juvenile Coho Salmon Movement, Habitat Use and Growth in a Small Coastal Watershed of Southern Oregon Adam Weybright*, OSU
9:40 am – 10:00 am	Sea Lion Predation on Anadromous Salmonids at Bonneville Dam Barry McPherson, ODFW Retired	—	Status of Pacific Lamprey, <i>Entosphenus tridentata</i> , and other lamprey species in the Klickitat River Basin Patrick Luke, YIN	Distribution, Abundance and Population Age Structure of Freshwater Mussels in the Mid Klamath Subbasin Emily Davis*, Karuk Tribe/Whitman College

Technical Sessions, Thursday, 2/24/11, 10:20-Noon

	Fish Health: Parasites and Viruses—Oh, My!	Sweating the Small Stuff: Fish Passage Issues Under the Radar	Water Quality, Quantity, and Lamprey Leftovers	Aquatic Insects: It's What's Bugging You
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
Moderator	Craig Banner, ODFW	Theresa Liedtke, USGS Ken Tiffan, USGS Matt Mesa, USGS	Christy Fellas, NOAA/OSU	Bill Gerth, OSU
10:20 am	<i>Apophallus</i> sp. Metacercariae in Coho Salmon and Associations with Over Winter Survival in a Coastal River in Oregon Michael L. Kent, OSU	Do-or-Die Collection at Cowlitz Falls Dam: Evaluations to Improve Collection of Juvenile Salmon in a Tributary of the Columbia River Tobias Kock, USGS	Larval Pacific Lamprey (<i>Entosphenus tridentata</i>) Exposed to Port of Portland Sediment: Method Development for Monitoring Behavior, Individual Growth, and Survival and Preliminary Results Julia Unrein, OSU	A Stable Isotope Food Web Analysis of a Mojave Desert Geothermal System Supported by Allochthonous Inputs and Exhibiting Longitudinal Algal δ 13C Enrichment Adam St.Saviour*, USGS/OSU
10:40 am	Susceptibility of Diploid and Triploid Juvenile Rainbow Trout to the Parasite <i>Ceratomyxa shasta</i> Rich Holt, OSU	Passage of Juvenile Fall Chinook Salmon Past Lower Snake River Dams During Winter Ken Tiffan, USGS	Evidence that Warm Temperature, but not holding and Transportation, Raises Blood Plasma Levels of the Reproductive Hormone, 17-estradiol, in Immature Adult Pacific Lamprey, <i>Entosphenus tridentate</i> Benjamin Clemens*, OSU	Assessing Aquatic Insect Assemblages Within Geohydrologic Categories in Sub-Alpine Headwaters of Mt. Rainier National Park Josh Kubo*, U of W

Technical Sessions, Thursday, 2/24/11, 10:20-Noon (continued)

	Fish Health: Parasites and Viruses—Oh, My!	Sweating the Small Stuff: Fish Passage Issues Under the Radar	Water Quality, Quantity, and Lamprey Leftovers	Aquatic Insects: It's What's Bugging You
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
11:00 am	Distribution of <i>Ceratomyxa shasta</i> Genotypes in the Pacific Northwest Matthew Stinson*, OSU	Overwintering Behavior of Juvenile Fall Chinook Salmon: Complications in Estimating SAR and TIR Rebecca Buchanan, U of W	Impacts of Herbicides on Pacific Lamprey (<i>Lampetra tridentata</i>) Olfaction April Lindeman*, OSU	A Comparison of Riparian and Terrestrial Invertebrates at the Upper Trask Watershed, A Managed Coastal Watershed Janel Sobota, OSU
11:20 am	Modeling of the <i>Ceratomyxa shasta</i> cycle of Chinook Salmon in the Lower Klamath River R. Adam Ray*, OSU	Upstream Passage of Radio-Tagged American Shad at the Lower Columbia River Dams in 2010: Not What You Might Think John Beeman, USGS	Bacteriological Water Quality and Temperature Monitoring of Salmonid Habitat in Clear-Water Streams Near Mount Hood, Oregon Nathan Banet*, U of P	Who Needs Complex Bioassessment Indexes When EPT Taxa Richness Will Do? Thom Whittier, OSU
11:40 am – Noon	Disease Resistance of First-Generation Hatchery and Wild Steelhead Trout (<i>Oncorhynchus mykiss</i>) to Infectious Hematopoietic Necrosis Virus Neil Thompson*, OSU	Look Out Below: Juvenile Salmonid Passage Operations at Columbia and Snake River Dams Can Slow Adult Salmonid Upstream Passage Christopher Caudill, U of I	Predicting the Response of Stream Fishes to Water Use, Land Cover and Climate Change with Spatially-Explicit Metapopulation Models James Peterson, USGS	Local Effects on Macroinvertebrates Responding to Timber Harvests and Dam-Break Flood in Hinkle Creek, Oregon William Gerth, OSU

Technical Sessions, Thursday, 2/24/11, 3:00-5:00 pm

	Changing the Culture of Fish Culture: What, Why, How	Sweating the Small Stuff: Fish Passage Issues Under the Radar	Education and Outreach	Salmonid Distribution and Abundance Estimation
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
Moderator	Ryan Couture, OHRC	Theresa Liedtke, USGS; Ken Tiffan, USGS; Matt Mesa, USGS	Karen Hans, ODFW	Roger Smith, ODFW
3:00 pm	Application of Eyed Egg Planting in Weak Stock Conservation and Restoration Tod Jones, Redd Zone LLC	Passage Issues for Lampreys: The Straw That's Breaking the Eels Back? Matthew Mesa, USGS	Oregon Professional Science Master's Programs Ursula Bechert, OSU	The Smith River Verification Study – A Comparison of Juvenile Salmonid Monitoring Methodologies on the Basin Scale Ron Constable, ODFW
3:20 pm	Grande Ronde Basin Spring Chinook Salmon Captive Broodstock Program: F1 Generation Tim Hoffnagle, ODFW	Challenges of Downstream Passage for High Head Flood Control Projects in the Willamette Valley David Griffith, COE	The Deschutes Restoration Outreach Program (DROP): Empowering and Training Adults to be Active Watershed Stewards to Serve Strategic Restoration Needs Derek Staab, Trout Unlimited	Using Trap Catches of Salmonid Smolts Migrating Downstream to Index Population Abundance: Does it Work? Michael D. Sparkman, CDFG
3:40 pm	Comparison of Accelerated vs. Natural and Freshwater vs. Saltwater Growth Regimes in the Grande Ronde Basin Spring Chinook Salmon Captive Broodstock Program Sally Gee, ODFW	Use of In-Line Fish Separators at the Round Butte Dam Downstream Fish Facility Don Ratliff, PGE	High School Dialogue Project: Using Genetics and Ecology to Save Salmon Judith Jensen, Educational Solutions	A PIT Tag Based Approach for Regional Monitoring of Adult Salmon and Steelhead Escapement at the Population and Major Population Group Scales Rick Orme, NPT
4:00 pm	Are Fall Chinook Released from the Salmon River Hatchery Comparable to Their Natural Counterparts? Sandy Kennedy, ODFW	Hydroacoustic Evaluation of Overwintering Summer Steelhead Fallback and Kelt Passage at The Dalles Dam, 2009-2010 Fenton Khan, PNNL	The Clackamas Basin in Three Dimensions: An Educational Watershed Model Rebecca Walker, CRBC	Evidence of Distinct Chinook Salmon Populations in the Nehalem River Jitesh Pattni, ODFW
4:20 pm	Size at Release of Imnaha River Smolts: Does Size Matter? Joseph Feldhaus, ODFW	Testing the Ability of Native Cutthroat Trout to Pass Through Small Culverts on Steep Slopes N. Phil Peterson, FCM	Grant: Indian Creek Education Outreach Signage Jules Burton, CGCC	The Relative Influence of Ecological Processes in Predicting Steelhead Redd Abundance Along a Complex Riverscape in the John Day River Basin, Oregon Jeff Falke, OSU
4:40 pm – 5:00 pm	Evaluation of the Artificial Stream Channels for Use in Studies to Evaluate Spawning Interactions Among Diploid and Triploid Rainbow Trout Ryan Couture, OHRC	Fish Friendly Tide Gates: Do They Exist? Greg Apke, ODFW	Sponge Bob Square Pants Across the Pacific: American High School Students Invade Russia! Karen Hans, ODFW	Evaluation of Sampling Designs to Monitor the Status of Great Basin Redband Trout in Eastern Oregon Stephanie Miller, ODFW

*Student

Technical Sessions, Friday, 2/25/11, 8:00-10:00 am

	Freeing Rivers: Dam Removal Considerations and Success Stories	Deschutes Basin Fish Reintroduction, Research and Restoration	Prioritizing Habitat Restoration Actions	Supplementation Successes and Lessons
Room	Cascade CD	Cascade B	Cascade EF	Cascade AJ
Moderator	Helena Verduyn	Mike Gauvin, ODFW	Ian Reid, USFS	Kevin Goodson, ODFW
8:00 am	Mainstem Rogue River Dam Removal Projects – An Oregon Success Story Greg Apke, ODFW	Anadromous Fish Reintroduction above the Pelton Round Butte Project Mike Gauvin, ODFW	A Landscape Scale Human Disturbance Classification for 6th Field HUCs in the Pacific Northwest Thom Whittier, OSU	Empirical Data in Support of Supplementation Science Bill Bosch, YIN
8:20 am	Freeing the Rogue River – The Gold Ray Dam Removal Scott Wright, PE, RDG	Round Butte Dam Selective Water Withdrawal Fish Passage Facility James Bartlett, PGE	Conceptual Framework for Assessing Status and Trends in Habitat Conditions and Modeling Biotic Response for Spring Chinook Salmon in the Upper Grande Ronde Basin Casey Justice, CRITFC	28 Years of a Model Hatchery Supplementation Program in the Imnaha River: Is it Time for Plan B? Tim Hoffnagle, ODFW
8:40 am	Formerly a Wild Sanctuary: Hatchery Fish in the Upper Sandy Basin Matthew King, Citizens for Native Salmon	Monitoring the First Chinook and Steelhead Smolt Migration in the Upper Deschutes Basin in Fifty Years: Some Preliminary Results Megan Hill, PGE	What is Necessary to Recover an Economically Viable Population of Coho Salmon in the Siuslaw River Charley Dewberry, Gutenberg College	Another Look at Hatchery/Wild Relative Fitness (RF) and Relative Reproductive Success (RRS) Results Peter Galbreath, CRITFC
9:00 am	Migrational Movements and Distribution of Spawning Klamath Largescale, Lost River, and Shortnose Suckers in the Sprague River Before and After the Removal of Chiloquin Dam Craig Ellsworth, USGS	Changes in the Thermal Structure of Lake Billy Chinook with the New Selective Water Withdrawal Facility Lori Campbell, PGE	Habitat Status and Trends Report: Evaluation of Salmon Habitat Restoration and Iterative Planning Using Ecosystem Diagnosis & Treatment Jesse Schwartz, PhD, ICF International	Emerging Evidence of Cause for Poor Natural Recruitment from Hatchery Fish Steven Cramer, CFS
9:20 am	Hemlock Dam Removal and Restoration of Lower Trout Creek Bengt Coffin, USFS	Kokanee and Sockeye Salmon in the Deschutes Basin: Management and Reintroduction Jens Lovtang, CTWS	Rancher's Guide to a Healthy Watershed Amy Charette, NFJWC	Adverse Impact of Hatchery Fish on the Productivity of 93 Natural Populations of Salmon and Steelhead Mark Chilcote, NOAA
9:40 am – 10:00 am	Lower Snake River Dams Review: Broaching the Option of Breaching Kirk Schroeder, OR AFS	—	Assessing the Skill of Hydrology Models at Simulating the Water Cycle in the HJ Andrews Long Term Ecological Research Site: Assumptions, Strengths, and Weaknesses Jeremiah Osborne-Gowey, CBI	Panel Q & A Session

Technical Sessions, Friday, 2/25/11, 10:20-Noon

	Adult and Juvenile Salmonid Passage and Behavior at Dams	Deschutes Basin Fish Reintroduction, Research and Restoration	Implementing and Monitoring Habitat Restoration Actions
Room	Cascade CD	Cascade B	Cascade EF
Moderator	Shannon Hurn, ODFW	Mike Gauvin, ODFW	Ian Reid, USFS
10:20 am	Using Beaver to Help Recover an ESA-Listed Steelhead Population Michael Pollock, NOAA	Implementing Oregon's Middle Columbia Steelhead Recovery Plan Adrienne Averett, ODFW	Gravel Augmentation Feasibility Below a Large, Southern Oregon Dam; Worthy Investment or Waste of Time? Ian Reid, USFS
10:40 am	Hydroacoustic Evaluation of Juvenile Salmonid Passage at Lookout Point Dam, 2010 Fenton Khan, PNNL	Large Wood Restoration, Habitat Change and Salmonid Response in the Upper Metolius River Nate Dachtler, USFS	Effectiveness Monitoring in the North Santiam, South Santiam and Calapooia River Watersheds Eric Andersen, SSWC
11:00 am	Hydroacoustic Evaluation of Juvenile Salmonids at Cougar Dam, 2010 Ida Royer, PNNL	Three Sisters Irrigation District Fish Passage, Screening and Restoration Project Mathias Perle, UDWC	Wolf Creek Monitoring: A Partnership Story Jeff McEnroe, BLM
11:20 am	Bull Trout Population Dynamics, Life History, and Response to Dam Alterations and Fishery Management Efforts in the South Fork McKenzie River Basin Nik Zymonas, ODFW	Fish Passage and Screening on Whychus Creek, a Tributary to the Upper Deschutes River Troy Brandt, RDG	Short-Term, Small-Scale Studies of Life-History Habitat Restoration Karl Polivaka, USFS
11:40 am – Noon	Migration Patterns of Adult Fluvial Bull Trout in the Methow and Columbia Rivers During 2007 Mark C. Nelson, USFWS	Whychus Creek Restoration through Camp Polk Meadow Mathias Perle, UDWC	A Species Crediting Methodology that Supports Conservation Banking for a Threatened Floodplain Minnow Paul Scheerer, ODFW

**POSTER SESSION
DISPLAY HOURS**

8:00 PM – Midnight · Wednesday, February 23

7:30 AM – 6:00 PM · Thursday, February 24

7:30 AM – 10:20 AM · Friday February 25

Location	Title	Author, Organization
1	Minijack Chinook Salmon in the Grande Ronde and Imnaha River Basins	Marika Dobos, ODFW
2	Migratory and Passage Assessment of Spring Chinook Salmon in the Lostine River Using Radio-Telemetry Techniques	Ian Wilson*, NPT
3	Reintroduction of Spring Chinook into the Walla Walla River Basin	Joelle Pomraning, CTUIR
4	Willamette BiOP Spring Chinook Life-History, In-Reservoir Studies: 2010 Pilot Study	Jeremy Romer, ODFW
5	Evaluating Passive Integrated Transponder Tag Retention Rates in Wild Populations of Headwater Stream Salmonids	D.W. Leer, USGS
6	Life History Responses of <i>Oncorhynchus mykiss</i> to Selective Processes in Early Life	Matt Sloat*, OSU
7	Natural Summer Steelhead Survival and Recovery in the Umatilla River Basin	Terra Schultz, ODFW
8	Mined-Over Matter: Side Channel and Pond Construction in Reclaimed Mine Site Benefits Coho Salmon in Southwestern Oregon	Ian Reid, USFS
9	Status of Coho Salmon (<i>Oncorhynchus kisutch</i>) in the North Fork (NF) Nehalem River Basin, OR from 13 Years of Life-Cycling Monitoring	Aaron Poloni, ODFW
10	Abundance, Distribution, and Timing of Lower Columbia River "Tule" Fall Chinook in Oregon	Matt Weeber, ODFW
11	Adult Male Dungeness Crab (<i>Cancer magister</i>) Movements Near Reedsport, Oregon from a Fisheries Collaborative Mark-Recapture Study	Justin Huff*, OSU
12	Examining the Potential for Overcompensation by the European Green Crab, <i>Carcinus maenas</i>	Brian Turner*, PSU
13	Site Fidelity and Movement of Eight Species of Pacific Rockfish (<i>Sebastes</i>) at a High-Relief Rocky Reef on the Oregon Coast	Robert Hannah, ODFW
14	Evaluation of a Video Lander as a Survey Tool for Demersal Fishes on Oregon's Rocky Reefs	Matthew Blume, ODFW
15	Temperature Threshold Monitoring of Salmonid Habitat in Four Clear-Water Upper Tributaries of the Sandy River	Nathan Banet*, U of P
16	Monitoring Enterococcus and Escherichia (<i>E. coli</i>) Concentrations in a Bacteriological Water Quality Analysis of Salmonid Habitat	Nathan Banet*, U of P
17	Can Thermal Refugia Offer Salmonids Protection from Disease?	Luciano Chiamonte*, OSU
18	Sex Biased Parasitism Among Threespine Sticklebacks in Lake Myvatn, Iceland	Jeremiah Psiropoulos*, OSU
19	Implementation of Hatchery Reform at the Leavenworth National Fish Hatchery	Matt Hall, USFWS
20	Using Fork Length to Calculate Fecundity at Leavenworth Fish Hatchery	Travis Collier, USFWS
21	Performance of a Salmon Egg Isolation Mist Incubation System	Marla Chaney, ODFW
22	Suitable Bull Trout (<i>Salvelinus confluentus</i>) Habitat on the Umatilla National Forest	Allison Johnson, USFS
23	Endangered Sucker Distribution and Relative Abundance in Reconnected Wetlands and Open Water Areas Adjacent to the Klamath River, Oregon	Brock Phillips, BOR
24	Estimating Endangered Sucker Passage at a High-Tech Fish Screen: Using Diel Presence to Assess Seasonal Abundance	Alex Wilkens, BOR
25	Executing Innovative Fish Passage Solutions to Restore Corridor Connectivity	Chris Smith, PE, RDG
26	Evaluation of Direct Electronic Data Entry in the Field Using a Digital Pen	Bruce Schmidt, PSMFC
27	Report on Grant Progress for Indian Creek Signage	Julie Burton, Indian Creek Stewards
28	Using Floodplain Inundation Models to Assist in Willamette River Restoration Prioritization	Pete Gruendike, RDG

EVALUATION FORM

OREGON CHAPTER AFS ANNUAL MEETING

February 22-25, 2011 · Riverhouse Hotel · Bend, OR

To assist us with planning future AFS meetings, please circle your rating for each question below, and write specific comments for each question. Place completed survey in designated box at registration table. Use the back of this form for additional comments. Thanks for your input!

1. Annual Meeting Website

- | | | | |
|---|-------|-------------|------------|
| • Navigating the Website | Easy | Challenging | Ridiculous |
| • Was information complete? | Yes | No | |
| • What other information should be provided,
or other comments/feedback? | _____ | | |

2. Emailed and Newsletter announcements

- | | | | |
|---|-------|----|--|
| • Did you receive announcements? | Yes | No | |
| • Were they helpful, timely? | Yes | No | |
| • What other information should be provided,
or other comments/feedback? | _____ | | |

3. Electronic Meeting Registration Website:

- | | | | |
|---|---------|------------|----------------|
| • Organization of website content | Logical | Needs Work | I'm Still Lost |
| • Were the Options clear? | Yes | No | |
| • Could you navigate between pages? | Yes | No | |
| • Were payment options adequate? | Yes | No | |
| • What other information should be provided,
or other comments/feedback? | _____ | | |

4. Electronic Abstract Registration for Papers and Posters:

- | | | | |
|---|-------|-------------|------------------|
| • Navigating the Website | Easy | Challenging | Get a new system |
| • Were instructions clear? | Yes | No | |
| • What other information should be provided,
or other comments/feedback? | _____ | | |

5. The Plenary Session was:

- | | | | | |
|-----------|------|------|------|-----------|
| | Poor | Fair | Good | Excellent |
| Comments: | | | | |

6. The Student-Mentor Social was:

- | | | | | |
|-----------|------|------|------|-----------|
| | Poor | Fair | Good | Excellent |
| Comments: | | | | |

7. The Workshop options, quality were:

- | | | | | |
|-----------|------|------|------|-----------|
| | Poor | Fair | Good | Excellent |
| Comments: | | | | |

8. The Business Meeting was:

- | | | | | |
|-----------|------|------|------|-----------|
| | Poor | Fair | Good | Excellent |
| Comments: | | | | |

9. The Banquet was

- | | | | | |
|-----------|------|------|------|-----------|
| | Poor | Fair | Good | Excellent |
| Comments: | | | | |

CONTINUED ON BACK

EVALUATION FORM

10. **The Raffle and Auction were:** **Poor** **Fair** **Good** **Excellent**

Comments:

11. **The social events were:** **Poor** **Fair** **Good** **Excellent**

Comments:

12. **Texas Hold'em Card Game was:** **Poor** **Fair** **Good** **Excellent**

Comments:

13. **The Piscatorial Press (newsletter) is:** **Poor** **Fair** **Good** **Excellent**

Comments:

14. **What did you like best about the 2011 Oregon Chapter Annual Meeting?**

15. **What did you dislike most about the 2011 Oregon Chapter Annual Meeting?**

16. **Would you be interested in running for an Oregon Chapter AFS Executive Committee Office, or serving as a Committee Chair or on a Committee? If yes, please provide the following:**

NAME _____

PHONE _____

E-MAIL _____

OFFICER POSITION / COMMITTEE OF INTEREST _____

Additional Comments?

Save the Date!

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February 28 – March 2, 2012

Hilton Eugene & Conference Center • Eugene, OR

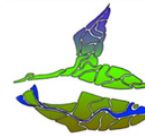
ORAFS Annual Meeting

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