



Gill Raker Gazette

The newsletter of the Idaho Chapter of the American Fisheries Society

Volume 25, Issue 1

January 2007

Editor: Bart L. Gamett

2007 Annual Meeting Edition

Deadline for Hotel Reservations at the Government Rate - January 26

Deadline for Early Registration - February 2

ICAFS Scholarship and Student Support Grant Deadline - February 10

The Presidential Message

Jim Capurso, Chapter President

YOUR ACCOMPLISHMENTS THROUGH IDAHO CHAPTER AFS

One of my duties as your Chapter President is to periodically report to Western Division AFS what we have accomplished. I submitted one of those reports earlier in the week and was pleased at all we have achieved within the last year. I want to highlight just a few of these:

- **New Student Unit and Bylaw Edits:** The Idaho Chapter AFS, students from Idaho State University, and AFS National have been working over the last year to establish a new student unit (Portneuf Unit). To initiate the new unit, the chapter bylaws were amended. After reviewing the condition of the existing chapter bylaws, the chapter executive committee determined it was necessary for a major edit to the existing bylaws to address inconsistencies, organization issues, and confusing sections. The chapter is currently voting on approval of the new bylaws and, to date, all votes have been supportive.
- **Chapter History:** The Chapter Executive Committee decided to hire a historian from Boise State University to document our rather colorful chapter history. This will add a sense of heritage and community to our chapter. The document is expected to be completed by Summer 2007.
- **New Scholarships:** The Chapter has established 3 new student scholarships and 1 student support grant. They are the Idaho High School Student Scholarship (\$250), Idaho Undergraduate Student Scholarship (\$500), Idaho Graduate Student Scholarship (\$500), and Idaho Student Support Grant (\$50-750). Applications for these grants are currently due. Information about these grants is available on the chapter website: <http://www.idahoafs.org/links.php>
- **New Mentor Award:** The Outstanding Mentor Award is an annual award to recognize a fisheries professional that has shown substantial devotion to assisting or mentoring Idaho fisheries students and professionals.
- **Symposium Proceedings Online:** The day prior to the 2006 ICAFS Annual Meeting, Rob Van Kirk, Mark Novak, and James Capurso co-hosted the symposium "Exploring the Differences between Fine- and Large-Spotted Yellowstone Cutthroat Trout." It was well attended. The proceedings were completed in the late summer of 2006 and are available online at: http://www.fs.fed.us/r4/caribou-targhee/fisheries/documents/proceedings_yct_spot.pdf
- **Outreach/Education:** The Chapter supported numerous outreach activities including the Living Stream in Kamiah School, Salmon and Steelhead Days in Boise, the Native Fish Committee Non-

Game Native Fish Workshop featuring suckers, Trout in the Classroom educational program, Wildlife Express magazine, and the Anadromous Fish Committee printed anadromous fish brochures.

You'll be hearing more about these accomplishments during our 2007 Annual Meeting at the Boise Doubletree Riverside Hotel February 21-23. Don't forget to attend the Fish Pathogens Workshop at the same location the day prior to the annual meeting.

James Capurso
Idaho Chapter President
American Fisheries Society

2007 Idaho Chapter Annual Meeting

Plenary Session:

Diversions, Dams, and Fish: Understanding and Managing the Impact of Diversions and Dams on Fish in Idaho

Boise Riverside DoubleTree Hotel
Fish Health Workshop: February 20, 2007
General Meeting: February 21-23, 2007

Meeting Registration

Early Registration (received by February 2): \$75

Late Registration (received after February 2): \$95

Complete early registration and be entered into a drawing for a prize!!!

Register [online](#) or by mail (see next page)

Lodging Reservations

Boise Riverside DoubleTree Hotel
2900 Chinden Boulevard, Boise, ID 83714
Telephone: 208-343-1871, Fax: 208-344-1079

Rooms for this event are being held at the government rate until **January 26, 2007!!!**

These rooms fill up so make your reservations early!

Please indicate that you are with AFS when making your reservation!!!

Reservations can be made [online](#) or by calling 1-800-222-8733

[Boise Riverside DoubleTree Hotel](#)

[ICAFS 2007 Annual Meeting](#)

Registration

2007 ICAFS Annual Meeting and Workshops

Workshop: February 20, 2007
Annual Meeting: February 21-23, 2007

Registration can be made online at <http://www.idahoafs.org/> (beginning Dec. 1) or by sending this form to:

AFS Meeting Registration
c/o Brian Kennedy
Dept. of Fish and Wildlife Resources
University of Idaho
PO Box 441136
Moscow ID 83844-1136

Mail in registrations must be received by February 2!!!

Personal Information:

Last Name: _____
First Name: _____
Affiliation: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Email Address: _____
Phone:(work) _____ (Home): _____

2007 Annual Meeting Registration Fees:

(Please indicate intention to attend by writing in the blank after the registration fee.)

Pre-Registration (**received by Feb 2**) (drawing for early-bird prize) \$75.00 _____
Late Registration (**received after Feb 2 or at the door**) \$95.00 _____
Student Registration (if you are a Current 2006 AFS Member) \$0.00 _____

2007 Workshop Registration Fees:

(Please indicate intention to attend by writing in the blank after the registration fee.)

Current and Emerging Pathogens of Fishes in the Pacific Northwest \$15 _____

Total Fees: _____

Please make checks payable to Idaho Chapter American Fisheries Society (ICAFS)

REGISTRAR INFO ONLY: Date Received: _____ Amount Received: _____ Payment Method: _____ Comment: _____

2007 Idaho Chapter Annual Meeting

Draft Agenda

Wednesday, February 21, 2007

8:00–8:20 AM **Welcome and Presidential Message**
President James Capurso

Plenary Session: Diversions, Dams, and Fish
Moderator: Bart Gamett

8:20–8:35 AM **Introduction to Plenary Session**
Bart Gamett, ICAFS, President Elect

8:35–9:00 AM **Impacts of Dam and Diversion Structures on Fish in Idaho**
Paddy Murphy, Idaho Department of Fish and Game

9:00–9:25 AM **Impacts of Flow Alterations Associated With Dams and Diversions on Fish in Idaho**
Rob Van Kirk, Idaho State University

9:25–9:50 AM **Reducing Fish Entrainment at Dam and Diversion Structures**
Brent Mefford, Bureau of Reclamation

9:50–10:10 AM BREAK

10:10–10:30 AM **Improving Fish Passage at Diversions**
Jim Gregory, Trout Unlimited

10:30–10:50 AM **Improving Fish Passage at Diversions**
Warren Colyer, Trout Unlimited

10:50–11:10 AM **Managing Flow Alterations Associated with Diversions**
Tom Curet, Idaho Department of Fish and Game

11:10–11:30 AM **Managing Flow Alterations Associated with Dams**
Jim Fredericks, Idaho Department of Fish and Game

11:30–11:55 AM **Panel Discussion**
All Speakers

11:55–12:00 PM **Conclusions**
Bart Gamett, ICAFS, President Elect

12:00–1:25 PM BOX LUNCH: COMMITTEE BREAKOUTS

Session 1: Diversion, Dams and Fish (contributed papers)

Moderator:

- 1:25–1:30 PM **Session 1: Introduction to Session**
- 1:30–1:50 PM **Reconnecting Anadromous and Resident Fish Habitat in the Upper Salmon River Basin**
Jeffrey Lutch, Idaho Department of Fish and Game
- 1:50–2:10 PM **An Overview of 50 Years of Fish Screening in Idaho**
Lynn Stratton, Idaho Department of Fish and Game
- 2:10–2:30 PM **The Bureau of Reclamation’s Subbasin Habitat Program**
Joe Spinazola, Bureau of Reclamation
- 2:30–2:50 PM **Conservation of salmon and compliance with the Endangered Species Act – the challenge with irrigation diversions, as experienced within the Sawtooth National Recreation Area**
Mark Moulton, Sawtooth National Recreation Area
- 2:50–3:10 PM BREAK
- 3:10–3:30 PM **Hydropower Projects: the FERC Process, Fisheries Impacts and Mitigation**
Justin Jimenez, USDA Forest Service
- 3:30–3:50 PM **Buffalo River Hydro Fishway Design and Results (how to pass age-0 trout)**
Lee Mabey, Caribou Targhee National Forest
- 3:50–4:10 PM **Dam and Diversion Rehabilitation in South Central Oregon: Chewaucan, Chiloquin, Klamath, and Sycan Projects**
David M. Hogen, Fremont-Winema National Forests
- 4:10–4:30 PM **Are Kootenai River White Sturgeon BAD Parents or Have We Just Mucked Up Their Habitat**
Vaughn L. Paragamian, Idaho Department of Fish and Game
- 5:30–PM STUDENT MIXER

Thursday, February 22, 2007

Session 2: Anadromous Migration

Moderator:

- 8:00–8:05 AM Announcements
- 8:05–8:10 AM Introduction to Session
- 8:10–8:30 AM **Factors Influencing Migration**

Session 3: Cutthroat Trout

Moderator:

- Announcements
- Introduction to Session
- Identification of distinct populations**

	<p>Survival of Anadromous Salmonids PIT-Tagged in the Salmon River, Idaho James V. Morrow Jr. National Marine Fisheries Service</p>	<p>of cutthroat trout (<i>Oncorhynchus clarkii</i> ssp.) across western North America using morphometric techniques Meredith B. Seiler Idaho State University</p>
8:30–8:50 AM	<p>Migration Survival of Anadromous Salmonids PIT-Tagged in the Salmon River, Idaho David L. Arthaud National Marine Fisheries Service</p>	<p>Differences between brook trout and cutthroat trout populations in tributaries of the Teton River and potential consequences for stream-riparian ecosystems Joseph R. Benjamin Idaho State University</p>
8:50–9:10 AM	<p>The Rationale for Mainstem Surface Passage Russ Kiefer Idaho Department of Fish and Game</p>	<p>Geographic patterns of introgressive hybridization between native Yellowstone cutthroat trout (<i>Oncorhynchus clarkii bouvieri</i>) and introduced rainbow trout (<i>O. mykiss</i>) in the South Fork of the Snake River watershed Ernest Keeley Idaho State University</p>
9:10–9:30 AM	<p>Direct and Indirect Effects of Barriers to Migration-Pacific Lamprey and the Columbia and Snake River Dams Dustene Cummings University of Idaho</p>	<p>The effect of competition by rainbow trout and cutthroat-rainbow hybrids on the performance of Yellowstone cutthroat trout Steven M. Seiler Idaho State University</p>
9:30–9:50 AM	<p>Would Removing the Lower Snake River Dams Constitute a Draconian Action? Bert Bowler Idaho Rivers United</p>	<p>The Abundance and Distribution of Trout in the Idaho Kootenai River Basin Joshua McCormick Idaho Department of Fish and Game</p>
9:50–10:15 AM	BREAK	BREAK

Session 4: Anadromous Fish
Moderator:

10:15–10:20 AM	Introduction to Session
10:20–10:40 AM	<p>Incubation Survival of Fall Chinook Salmon Within Historic and Contemporary Spawning Areas of the Snake River James Chandler</p>

Session 5: Habitat Relationships and Population Monitoring
Moderator:

10:15–10:20 AM	Introduction to Session
10:20–10:40 AM	<p>Habitat selection of Bonneville cutthroat trout based on summer temperature regimes in the Bear River drainage of Idaho and Wyoming Ryan W. Hillyard</p>

	Idaho Power Company	Idaho State University
10:40–11:00 AM	<p>Population contributions of life history variations in juvenile Chinook salmon Timothy Copeland Idaho Department of Fish and Game</p>	<p>Effects of Water Temperature on Growth and Physiology of Different Populations of Redband Trout (<i>Oncorhynchus mykiss gairdneri</i>) John D. Cassinelli University of Idaho</p>
11:00–11:20 AM	<p>Post-release Performance of Two Groups of Juvenile Hatchery Fall Chinook Salmon in the Snake River Stuart Rosenberger University of Idaho</p>	<p>Aquatic-terrestrial connectivity in a wilderness watershed: Do Emerging Insects and riparian predators increase following wildfire? Rachel L. Wilkinson Idaho State University</p>
11:20–11:40 AM	<p>The relationship of Snake River stream-type Chinook survival rates to river and ocean conditions: evidence of hydrosystem related delayed mortality Charlie Petrosky Idaho Department of Fish and Game</p>	<p>Distribution of fish and associated environment variables in the lower Boise River Dorene MacCoy USGS</p>
11:40–12:00 PM	<p>Escapement and harvest of adult Chinook salmon and steelhead in the Snake River upstream from Lower Granite Dam Christopher A. Peery University of Idaho</p>	<p>Bull Trout Monitoring on the Sawtooth National Forest Jeb Wofford USDA Forest Service</p>
12:00–2:15 PM	BUSINESS LUNCHEON	

Session 6: Management

Moderator:

2:15–2:20 PM	Introduction to Session
2:20–2:40 PM	<p>A South Fork Salmon River History David Burns, USDA Forest Service</p>
2:40–3:00 PM	<p>Restoring Granite Creek: Implementing a broad-based collaborative stream restoration project Chris Downs, Idaho Department of Fish and Game</p>
3:00–3:20 PM	<p>Implementing Designs for an Incised Stream Channel: An Integrated Approach to Achieve Channel Stability, Habitat Enhancement and Resident Fish Recovery in Benawah Creek, Idaho Angelo Vitale, Coeur d'Alene Tribe</p>
3:20–3:40 PM	<p>Toxicity of New Zealand Mudsnaills (<i>Potamopyrgus antipodarum</i>) to CO₂: Implications for Control</p>

Jordan Nielson, University of Idaho

3:40–4:00 PM

Impacts and Uncertainties of Climate Change on Idaho Streams and Fish Communities

Dan Isaak, USDA Forest Service

Poster Session

4:00–5:00 PM

POSTER SESSION (Refreshments and beverages served!!!)

Poster listed alphabetically by last name of primary author

Adult steelhead spawner abundance in two small tributary streams of the Imnaha River subbasin, Oregon

Mike Blenden, Nez Perce Tribe

All Fish Screens are Not Created Equal. Fish Screen Designs – What You Should Know

Jody Brostrom, U.S. Fish and Wildlife Service

No Screens, No Fish? Know Screens, Know Fish!

Jody Brostrom, U.S. Fish and Wildlife Service

Use of tributary confluence habitat by Westslope Cutthroat trout (*Oncorhynchus clarki lewisi*) in a wilderness watershed affected by wildfire

Patrick Della Croce, Swiss Federal Institute of Technology, Zurich, Switzerland

Movement, migration and habitat use of adult trout in a dammed and diverted section of the Henrys Fork

Jim De Rito, Henry's Fork Foundation

Current diagnostic techniques for *Myxobolus cerebralis*, the parasite that causes salmonid whirling disease

Leah Steinbach Elwell, Federation of Fly Fishers

Distribution and Status of Pacific Lamprey in the Clearwater and Salmon River Drainages of Idaho

Matthew W. Hyatt, Idaho Department of Fish and Game

Potential impacts of fire on riparian plant communities and stream food webs

Breeanne K. Jackson, University of Idaho

Deer Lake

Tarah Johnson, University of Idaho

Fluvial Bull Trout Migratory Dynamics and Status in the Lemhi River Drainage, Idaho

James Lamperth, Idaho Department of Fish and Game

“Fish On” –Line: A Web-based Aquatic Biological Database

Dorene MacCoy, USGS

Clear as Mud: Clearing the Murky Water About the Roles of Conservation Districts

Justin Peterson, Nez Perce Soil and Water Conservation District

Developments in whirling disease research and management

Kajsa Eagle Stromberg, Whirling Disease Initiative

Understanding the effects of watershed- versus local-scale variables on stream fish assemblages

Mazeika S.P. Sullivan, University of Idaho

5:30-???

SOCIAL-FUNDRAISER

Friday, February 23, 2007

Session 7: The Lesser Known Species

Moderator:

8:00–8:05 AM

Announcements

8:05–8:10 AM

Introduction to Session

8:10–8:30 AM

Mountain Whitefish: A little life history for everyone

Steve Elle, Idaho Department Fish and Game

8:30–8:50 AM

The Ecological Significance of Mountain Whitefish (*Prosopium williamsoni*) in a Central Idaho Wilderness Stream

Michael Lance, Idaho State University

8:50–9:10 AM

Preliminary evaluation of PIT tagging and instream detection of shorthead sculpin (*Cottus confusus*)

Donald W. Zaroban, University of Idaho

9:10–9:30 AM

Cryopreservation and methanol effects on sperm motility and egg fertilization rates for North American burbot semen

Nathan R. Jensen, University of Idaho

9:30–9:50 AM

Population Dynamics of Lake Trout in Lake Pend Oreille, Idaho

Michael J. Hansen, University of Wisconsin – Stevens Point

9:50–10:15 AM

BREAK

Session 8: Water Quality, Passage, and Monitoring

Moderator:

10:15– 10:20 AM

Introduction to Session

10:20–10:40 AM

Modeled response of Yellowstone cutthroat trout populations to chronic selenium exposure

Rob Van Kirk, Idaho State University

10:40–11:00 AM	Fish and Invertebrate Diversity and Abundance in Association with Heavy Metal Levels within the Mt. Coeur d'Alene Area Edward Lider, USDA Forest Service
11:00–11:20 AM	Evaluation of Culvert Influence on Seasonal Movements of Juvenile Salmonids, an <i>In situ</i> PIT Tag Study in Alaska Mary King, Alaska Department of Fish and Game
11:20–11:40 AM	Fish Passage Evaluation at Forest Road Stream Crossings in Idaho: Results and Recommendations Chris Tretter, Idaho Department of Lands
11:40–12:00 PM	Preliminary Evaluation of Traffic Counters for Estimation of Angler Effort Rob Ryan, Idaho Department Fish and Game
12:00–12:15 PM	Best Paper Awards
12:15– 2:00 P.M.	EXCOM

Annual Social, Raffle, and Auction

Free food and beverages!!!

Live music!!!

Numerous raffle and auction items

Come support the Chapter's many activities

Fish-O-Flies and Donations Sought

Fellow tyers, warm up your vises and bring your handcrafted flies to the meeting or mail them to Mike Peterson, to dress up *O. idahoii*. Flies of all shapes and sizes encouraged. As an added incentive, **FOR EVERY HALF-DOZEN FLIES YOU BRING, YOU GET 3 GENERAL RAFFLE TICKETS!!**

We are also seeking other donations. Remember folks, nothing is too small or too inexpensive to donate, and this is our once a year opportunity to raise money for the chapter. See Fundraising Committee Report for information on donating.

Boise Riverside DoubleTree Hotel
Thursday, February 22
6:00 P.M. – 12:00 A.M.

*The ICAFS Fish Culture Committee and
AFS-Fish Culture Section Continuing Education Committee Present:*
***Current and Emerging Pathogens of Fishes in the
Pacific Northwest***

Instructors

Dr. Ken Cain (University of Idaho)
Dr. Keith Johnson (Idaho Department Fish & Game)

Boise Riverside DoubleTree Hotel
February 20, 2007 (day before the annual meeting)

Meeting Registration

\$15 registration fee
Possible AFS Continuing Education Unit Credit!!!

Register [online](#) or by mail (see registration form elsewhere in newsletter)

Lodging Reservations

see information for general meeting

Course Overview

Common infectious & non-infectious disease agents will be discussed including parasitic, bacterial, viral and fungal pathogens. A brief discussion of "new and emerging" pathogens will be provided. Completion of the course will provide participants with:

- Introduction to risk assessment and management implications of fish diseases.
- Basic understanding of the pathogen/host/environment interrelationship and the role of fish husbandry and management in this process.
- An overview of common and emerging diseases (parasitic, bacterial, viral, fungal) of fishes in the Pacific Northwest, with emphasis on freshwater species in Idaho.

ICAFS meeting registration and class registration will be available on the link above - additional information: Jeff A. Heindel (208)939-4114, jheindel@idfg.idaho.gov.

Not a member of the AFS Fish Culture Section? No problem . . . everyone's invited to the class! When renewing for 2007 AFS membership, don't forget to mark ***Fish Culture Section*** (annual section dues are only \$2) and join in on the fun! Look forward to seeing you in Boise!

Current and Emerging Pathogens of Fishes in the Pacific Northwest

DRAFT SYLLABUS (SUBJECT TO CHANGE)

*ICAFS Annual Meeting - Boise Double Tree Riverside
February 20, 2007*

Instructors: Dr. Keith Johnson, Mr. Doug Burton, Mr. Doug Munson, Mr. Jeff Heindel – Idaho Dept. Fish & Game
Dr. Ken Cain – University of Idaho, Aquaculture Research Institute

Class Agenda/Syllabus:

- 0700-0800 – Class Registration
- 0800-0815 – Introduction, class overview (Heindel, Johnson)
- 0815-0915 – Current Trends in Fish Health: Risk Assessment and Management (Johnson)
 - The Host-Pathogen-Environment Relationship
 - The Susceptible Host
 - The Virulent Pathogen
 - Environmental Conditions
 - Occurrence of Disease
 - Change in Host-Pathogen-Environment Over Time
- 0915-1030 – Major Parasitic Pathogens (Johnson, Munson, Burton)
 - *Ichthyophthirius multifiliis* (ICH)
 - *Myxobolus cerebralis* (WD)
 - *Parvicapsula minibicornis*
 - *Ceratomyxa shasta*
 - *Nucleospora salmonis*
 - PKX parasite
- 1030-1045 – BREAK
- 1045-1200 – Major Bacterial Pathogens (Cain, Munson, Burton)
 - *Flavobacterium psychrophilum* (BCD)
 - *Renibacterium salmoninarum* (BKD)
 - *Aeromonas salmonicida* (Furunculosis)
 - *Yersinia ruckeri* (ERM)
 - *Flavobacterium* spp. (BGD)
 - *Aeromonas* and *Pseudomonas* Infections (General Septicemia)
- 1200-1300 – LUNCH (on your own)
- 1300-1415 – Major Viral Pathogens (Johnson)
 - Viral Hemorrhagic Septicemia Virus (VHSV)
 - Infectious Hematopoietic Virus (IHN)
 - Sturgeon Viruses (WSAV, WSHV 1 & 2, WSIV, WSPV)
 - Cyprinid Viruses (SVCV, KHV)
 - Infectious Pancreatic Necrosis Virus (IPNV)
- 1415-1515 – Management & Culture Techniques to Reduce Disease Impacts (IDFG, Cain)
- 1515-1530 – BREAK
- 1530-1700 – Review of Basic Fish Necropsy Techniques, Fish Health Sampling (ALL)
 - 4-5 dissection tables, one instructor per table

2007 ICAFS Officer Nominations

They Need Your VOTES!

At the annual business luncheon meeting on Thursday February 22, 2007 during the annual meeting, chapter members will vote for their leadership. Joe DuPont, our Nominations Committee Chair, has identified below some extraordinary candidates.

POSITION: Secretary/ Treasurer

Matt Davis

Matt is currently a Zone Fisheries Biologist for the Coeur d'Alene River Ranger District of the U.S. Forest Service. In 1990, while pursuing a B.S. in wildlife management (emphasis fisheries); Matt worked as a seasonal fisheries technician for the Montana Department of Fish, Wildlife, and Parks and the Forest Service. In 1996, Matt moved to Idaho after spending some time as an environmental consultant to work with the Idaho Department of Fish and Game. In 1997 Matt served as co-president of the Palouse Chapter of AFS and in 2002, Matt completed an M.S. in Fishery Resources at the University of Idaho. He has been a permanent fisheries biologist with the Forest Service since 1999. Matt works with native fishes in the Coeur d'Alene River drainage, coordinating budgets, staff, and logistics for research and implementation and monitoring projects. Matt has been a member of the ICAFS since 1996 and is looking forward to becoming actively involved in the Chapter as Secretary/Treasurer not just in part for the invaluable experience, but also to contribute his leadership skills, creativity, and enthusiasm. Also, to squelch stagnation.

Jerry Lockhart

Jerry is currently a Project Leader for the Nez Perce Tribe. His work involves the Idaho Salmon Supplementation research, juvenile technical database development committee, and some work with the Northwest environmental database. Jerry was originally from Boise, Idaho. He was in the U. S. Navy for seven years where he spent the last three years working with nuclear testing at the Nevada Test Site. Jerry graduated from University of Nevada, Las Vegas with a B. Sc. degree in 1973. It was that year that Jerry first joined the American Fisheries Society. He struggled through a graduate program at UNLV where he studied spiny rayed minnows in Utah, Arizona, and Nevada. Since fisheries jobs were rare in Nevada, Jerry managed businesses for five years in Las Vegas. In 1978, Jerry was hired by the Idaho Department of Fish and Game as an Enforcement officer and later a fisheries researcher. Jerry was hired by the Nez Perce Tribe in 1998. In 1999, Jerry received a Master of Natural Resources degree from the University of Idaho. Jerry has served the ICAFS in the often renamed Water Quality/Stream Hydrology committee, the Riparian committee, and the Anadromous Fish committee and has been a mentor for the Hutton program.

POSITION: Nominations

Angelo Vitale

Angelo Vitale serves as the Stream Restoration Coordinator for the Coeur d'Alene Tribe and has worked in this position since 1995. He has a particular interest in improving small stream habitats and recovering adfluvial westslope cutthroat trout in the low elevation tributaries of the Coeur d'Alene Basin. Angelo received his B.S. in Biology and Botany from the University of Idaho in 1991 and was then recruited by Dudley Reiser to work for *EA Engineering* in Redmond, WA (1991-1995). Angelo recalls this as an invaluable training ground for working in a multi-disciplinary environment and a unique opportunity to

study many of the great river systems of the West. Angelo was raised in Pocatello and finds it especially rewarding to be back in the state working as a proponent for native fisheries conservation. Angelo has an interest in becoming more active in the ICAFS and would especially like to help recruit chapter members from a diverse cross-section of fisheries professionals that will have the ability to successfully lead the ICAFS in the coming year.

Tom Bassista

Tom Bassista is currently the chapter's Membership Committee Chair and lives and works in Idaho Falls. He has served this position since 2005 and is responsible for maintaining the chapter's email distribution list and tracking our membership. Tom moved to the great state of Idaho in 2001 so he could continue his career in fisheries while watching in envy, his now wife Shannon, obtain her Master's degree from the University of Idaho. Tom received his Master's degree in Wildlife and Fisheries Resources in 2000 from West Virginia University (WVU) while working as an Aquatic Ecologist for the West Virginia Division of Natural Resources. Tom has worked for the state of Idaho for over 5 years, with most of that time being spent as a Fisheries Research Biologist for Idaho Fish and Game in northern Idaho. He is currently a Stream Protection Specialist for the Idaho Department of Water Resources where he administers the State's Stream Protection Act in Eastern Idaho. While a graduate student at WVU he served as President for the Student Chapter of the Wildlife and Fisheries Society where he had the esteemed honor of hosting a Northeast Conclave and Quiz Bowl. Tom gained first hand knowledge of the importance of efficient leadership and dedicated membership to pull off a successful year for a student subunit. Tom has been a national member of the American Fisheries Society since 1996 and would be extremely grateful to help the Idaho Chapter move forward and maintain the Chapter's high level of integrity and professionalism. Tom has excellent people skills and during his short time in Idaho he has had a chance to network and interact with many chapter members and fishery professionals. Tom's interest in aquatic conservation, his knowledge of current membership and his desire to see the Idaho Chapter perpetuate and thrive in the future will be extraordinary assets if elected as Nominations Chair.

POSITION: VICE PRESIDENT

Jim Fredericks

Jim is currently the Regional Fishery Manager with the Idaho Department of Fish and Game in the Upper Snake Region where he has worked since 2001. Jim served as a Sr. Research Biologist and a Regional Biologist in the Panhandle Region from 1994 to 2001. Prior to joining the Idaho Department of Fish and Game, Jim received an M.S. in Fishery Resources and a B.A. in Psychology from the University of Idaho. Jim has been an active member of the ICAFS, serving as chair of the Public Education committee from 1995 through 2000, where he developed the "Fishes of Idaho" presentation and was instrumental in establishing the ICAFS website. He served on ExCom as the nominations chair in 2004. Since first attending a chapter meeting in 1990, Jim has found participation and contribution to the Idaho chapter one of the most rewarding aspects of his professional life. He would be honored to serve as Vice-President of the ICAFS and assures the membership that he would be entirely committed to the responsibilities of chapter leadership.

Jim Gregory

Jim Gregory is a fisheries consultant and ranch manager based in the Big Lost River Basin in the center of God's country. Jim received a BS degree from the University of Idaho in Wildlife Resources in 1993, but by that time had been thoroughly corrupted into fisheries, primarily by Jack Griffith, Ted Bjornn, and Christine Moffitt. Jim completed a MS at Idaho State University in Biology with an emphasis in fisheries in 1995. In 1995 he also started a private fisheries consulting business but went to work for Shoshone-Bannock Tribal Fisheries to pay the bills. In 1996 he moved to Mackay where he is still employed as manager of a recreational (fishing) ranch. He continues to do private consulting, primarily research,

monitoring, project development, and implementation for agencies and non-governmental organizations. Jim has enjoyed AFS, particularly the Idaho Chapter meetings, since 1990. Jim has had a variety of experiences working with people and looks forward to using his experience to serve the chapter.

2008 Annual Meeting Update

Mary Faurot, Chapter Vice President

The 2008 Idaho Chapter American Fisheries Society Annual Meeting will be held in Post Falls at the Red Lion Templin's Hotel (On the River!) on February 6-8, 2008. An associated workshop, with a topic not yet decided upon, will be February 5, 2008, at the same location. Please note that the dates for the annual meeting and workshop are Tuesday through Friday. The next newsletter will announce the plenary session theme, workshop topic, and call for papers for the 2008 annual meeting. You are currently invited to contact Mary Faurot (mfaurot@fs.fed.us or 208-634-0618) if you are interested in a specific topic for the workshop or a plenary session theme. See you in Post Falls for the 2008 Annual Meeting!

Three New Scholarships and a Support Grant Deadline Extended to February 10, 2007

The Idaho Chapter is pleased to announce three new annual scholarships and a student support grant for students attending Idaho schools. These are as follows:

1. **Idaho High School Student Scholarship** – This \$250 scholarship will be awarded annually to an Idaho High School Senior that is planning to attend a college or university located in Idaho.
2. **Idaho Undergraduate Student Scholarship** – This \$500 scholarship will be awarded annually to an undergraduate student that is enrolled at a college or university located in Idaho.
3. **Idaho Graduate Student Scholarship** – This \$500 scholarship will be awarded annually to a graduate student that is enrolled at a college or university located in Idaho.
4. **Idaho Student Support Grant** – This \$50-750 grant will be awarded annually to any student enrolled at any Idaho school to assist the student's pursuit of activities consistent with the mission of the American Fisheries Society.

These scholarships and the support grant were developed by the Mentoring Committee, are funded by the Idaho Chapter, and are administered by the Public Education Committee. Information and application materials are available on the Chapter website (<http://www.idahoafs.org/>). The application deadline has been extended until February 10, 2007. Winners will be announced on February 22, 2007 during the business luncheon at the annual meeting. For more information, please visit the Chapter website (<http://www.idahoafs.org/>) or contact Lauri Monnot, Public Education Committee Chair, at lauri.monnot@deq.idaho.gov or (208) 373-0461.

Meetings and Upcoming Events

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Information</u>
Feb 20, 2007	Fish Health Workshop	Boise, Idaho	website
Feb 21-23, 2007	ICAFS Annual Meeting	Boise, Idaho	website
Feb 27-March 2	Oregon Chapter Annual Meeting	Eugene, Oregon	website
April 3-5, 2007	Pathways to Resilience Sustaining Pacific Salmon in a Changing World	Portland, Oregon	website
Sept 2-6, 2007	AFS Annual Meeting	San Francisco, CA	
Sept 16-19, 2007	Wild Trout IX Symposium	West Yellowstone, MT	website

Pathways to Resilience: Sustaining Pacific Salmon in a Changing World

Oregon Sea Grant will host an interdisciplinary conference—"Pathways to Resilience: Sustaining Pacific Salmon in a Changing World"—in Portland, Oregon, April 3-5, 2007. The meeting is a forum for exploring the concept of resilience and its application to ecosystem management and salmon recovery.

Further details about meeting location, registration, topics for invited and contributed papers, and poster sessions are posted at the following website: <http://oregonstate.edu/conferences/resilience/>.

Some Thoughts on Concurrent Sessions

Bart Gamett, President Elect

A review of the agenda for the upcoming annual meeting will reveal a big change from previous Idaho Chapter meetings. The change: a portion of our annual meeting will involve concurrent sessions. This marks a big milestone for the Chapter in that I believe this is the first time that we have had concurrent sessions at an Idaho Chapter meeting.

I know that some of you welcome this move while others have strong feelings against concurrent sessions. I want you to know that I am aware of those concerns and understand them. The concerns with concurrent sessions seems to be that 1) some individuals want to see all the presentations, 2) there may be two papers of interest presented at the same time and both can not be seen, and 3) there is a chance the audience will be small at some of the presentations. I wanted to offer a few of my thoughts on this and why I made the decision to go with concurrent sessions. I do not expect you all to agree with me but at least you will know why I made this decision.

We are at a point in the Chapter where we are going to have to make some important decisions about the number of papers presented at our annual meetings. In the past, the length and format of our Chapter meetings allows for about 30 papers to be presented. However, this year I had over 40 papers submitted by the deadline. I also received five more papers after the deadline that were declined. This is a total of nearly 50 papers!!! We can not accommodate that number of papers with our traditional meeting length and format. So, after a discussion with the EXCOM I made the decision to have some concurrent sessions to accommodate the number of papers submitted by the deadline. If this trend continues we will continue to have this problem with future meetings. As I see it, we have three alternatives. These are:

1. Continue with a two and a half day meeting, have single sessions, and limit the number of papers to about 30 and accept papers on a first come, first accepted basis. The advantage to this option is we can maintain the current length of our meeting and still have a single session. The disadvantage is many presenters will not be able to present.
2. Extend the meeting from two and a half days to three or three and a half days, have single sessions, and accept all papers submitted by the deadline. The advantage to this option is we can still have a single session and everyone submitting a paper by the deadline can present. The disadvantage is that the meeting will be longer. Also, while this option will likely fix the problem for a few meetings we will likely have to extend the meeting again in a few years or select one of the other options. This option may just be postponing the inevitable.
3. Continue with a two and a half day meeting, have concurrent sessions, and accept all papers submitted by the deadline. The advantage to this option is we can maintain the current length of our meeting and everyone submitting a paper by the deadline can present. The disadvantage is that we will have concurrent sessions.

There are my thoughts on the issue. The EXCOM would appreciate hearing your thoughts on this as we consider future meetings. Please feel free to contact any of us. Our contact information is on the last page of the newsletter.

Committee Updates

Anadromous Fish

Committee Chair: Jason Vogel Phone: 634-5290 Email: jasonv@nezperce.org

During the 2006 Idaho Chapter AFS meeting in Idaho Falls the committee adopted a mission statement that gives this committee direction and purpose. We have received some suggestions to improve that statement, so be sure to attend the committee meeting at the 2007 ICAFS meeting in Boise to vote on this important topic.

During 2006, the Idaho Chapter AFS executive committee approved and funded the reprinting of 3,000 informational anadromous fish information brochures (developed by this committee) for distribution at the free fishing day clinics at Dworshak National Fish Hatchery (June 9th), Kooskia National Fish Hatchery (June 23), and Hagerman National Fish Hatchery. Thanks to all who participated and made those events a great success.

This committee is also working towards producing an informational placemat for restaurants in key recreational areas centered on educating the youth as well as adults. This process is taking longer than expected with the limited membership in this the Anadromous Fish Committee. So with the importance of Anadromous Fishes in Idaho, it is imperative to get participation from **YOU**, the Idaho Chapter AFS members, so please show up and support these efforts. If you feel strongly about Anadromous Fishes and are unable to attend the Annual AFS meeting in Boise but still want to participate in this committee please email me at jasonv@nezperce.org and I will put you on the list.

See you all in Boise!

Fish Culture

Committee Chair: Jeff Heindel Phone: 939-4114 Email: jheindel@idfg.idaho.gov

The 2007 annual meeting in Boise is almost here! Time to start making travel arrangements for the meeting, and don't forget the Fish Culture Committee-sponsored Continuing Education workshop on February 20th! Idaho Chapter AFS members Dr. Keith Johnson (IDFG), Dr. Ken Cain (U of I), Doug Burton (IDFG), and Doug Munson (IDFG) will instruct the one-day course entitled *Current and Emerging Pathogens of Fishes in the Pacific Northwest*.

This class is shaping-up to be a real contribution to our AFS community with subject matter that is of interest to a wide variety of fisheries professionals . . . from Fisheries Biologists to Fish Culturists to Fisheries Administrators - everyone is welcome and encouraged to attend! In addition to an overview of current and emerging fish pathogens, the risk assessment and management implications of fish diseases will be discussed – this will be an incredible opportunity to gain valuable information about a very important subject!

New this year, the **AFS Fish Culture Section** will co-sponsor the event and plans are currently underway to obtain AFS Continuing Education Unit (CEU) credit for participants of the class - CEU applications are submitted and we are waiting to hear final word on the credit status. Please mark your calendars for the annual meeting and **PLAN TO ATTEND!** What better a time than right now to get active in AFS at both the State and National level - as members, let's do our part to help "spread the word" to both member and non-member fisheries professionals! Get interested in AFS, get involved, and help us make our Chapter one of the best in the nation! Hope to see you in Boise February 20-23!!

Fundraising

Committee Chair: Mike Peterson Phone: 465-8404 Email: mpeterson@idfg.idaho.gov

Committee Chair: Ed Schreiber Phone: 799-5010 Email: eschreiber@idfg.idaho.gov

Committee Chair: Rob Ryan Phone: 324-4359 Email: rryan@idfg.idaho.gov

Call for Donations

The meeting is only a couple weeks away and we really need to pick up the pace on donations. We have received a lot of "tight budgets won't allow us to donate this year" types of letters. This means that the fundraising committee will need some extra help from all of our members.

If you would be willing to donate your fishing or hunting expertise (for auction trips), please let me know; it would be greatly appreciated!

Over the past few years we have been very fortunate to have some of our artistically talented members show up with artwork to donate. Those items have been a big success and we hope that some of you will once again be willing to share your skills with the chapter.

Finally, the fundraising committee has been soliciting donations but by far our best success comes from members who are willing to contact businesses that they frequent or by arm twisting friends. So next time you are spending your hard earned cash ask the person on the other side of the counter to support the ICASF. Hand-crafted items are always welcome so bring your favorites. Remember, all donations are tax deductible and we have developed a "face to face letter" which contains our nonprofit information (tax

exempt # etc.). Please find a copy of this letter attached to this message. If this would be of use to anyone please contact me and I will send you a copy.

Please remember to support those businesses that support our chapter. We have a list of our sponsors located on our website at <http://www.idahoafs.org/sponsors.php> . We have tried to make this list as accurate as possible but if you are aware of any omissions, please contact us.

Don't forget about the Fish-O-Flies, *Oncorhynchus idahoii*

Fellow tyers, warm up your vises and bring your handcrafted flies to the meeting or mail them to Mike Peterson, to dress up *O. idahoii*. Flies of all shapes and sizes encouraged. As an added incentive, **FOR EVERY HALF-DOZEN FLIES YOU BRING, YOU GET 3 GENERAL RAFFLE TICKETS!!**

Remember folks, nothing is too small or too inexpensive to donate, and this is our once a year opportunity to raise money for the chapter.

If you have items to donate, please send them to the address below or just let us know that you have something to contribute, and bring it with you to the meeting.

Also, don't forget to bring your money to support the ICAFS and have fun at this year's social.

Idaho Chapter American Fisheries Society
c/o Mike Peterson
1414 E Locust Lane
Nampa, ID 83686
(208)465-8404 or (208)863-2901

Or call, and we can make other arrangements

Membership

Committee Chair: Tom Bassista Phone: 525-7161 Email: Tom.Bassista@idwr.idaho.gov

Greetings Idaho Chapter Member!!!! Please share this information with your professional peers and fellow students who are currently not members of our Chapter.

Have you not been receiving our Chapter newsletter and updates via email?

Has your email address changed recently?

Do you know any fishery or aquatic professionals or students that may benefit by being involved in the Idaho Chapter of the American Fisheries Society?

If you answered yes to any of these questions please forward your name and email address to tom.bassista@idwr.idaho.gov to be added to our Chapter email distribution list. We have no annual dues to become an Idaho Chapter Member and all our newsletters and Chapter updates are sent via email. Though we have no annual dues in order to be a voting Idaho Chapter member (excluding students) you need to be a national member of the American Fisheries Society. So join or renew your national membership of the American Fisheries Society today and help guide our Chapter into the future. Find out all about the national chapter of AFS by visiting their website at <http://www.fisheries.org/main/>

Mentoring

Committee Chair: Kevin Meyer Phone: 465-8404 Email: kmeyer@idfg.idaho.gov

Significant action items the Mentoring Committee accomplished in 2006 include (1) continued recognition and promotion of Idaho Hutton Program, including their attendance at the meeting, and (2) taking over from the Palouse Unit the administration and awarding of ICAFS's new Outstanding Mentor Award given at the annual meeting.

Significant additional action items the Mentoring Committee hopes to accomplish in 2007 include (1) developing a mentoring page associated with the ICAFS website, and (2) continuing to promote mentoring at the annual meeting by developing a protocol or incentive for more mentor/protégé interaction at the meeting and Palouse Unit's pizza party.

Please notice that at this year's annual meeting students and professionals will be wearing different color name tags. This way student's can easily be identified and the EXCOM, mentoring committee, and all other professionals can then more easily take the initiative to make their acquaintance, make them feel welcome, and ultimately help build the student's professional network.

Native Fishes

Committee Chair: Dan Garren Phone: 525-7290 Email: dgarren@idfg.idaho.gov

We held the 4th annual Native Fish Workshop in August at the Malad Gorge Park. Ernest Keeley with ISU did a great job presenting information on Idaho's native sucker species, followed by field collections and identification. Although attendance was lighter than in the past, it was a very successful workshop. A key to identifying suckers native to Idaho is in the works, and should be available to anyone interested by the February meeting. Plans are in the making for the committee meeting in February. Topics to be discussed will include planning the 07 workshop, and refinements to the Native Fish Conservationist Award. Anyone with additional topics to discuss should let me know so I can get them on the agenda.

Public Education

Committee Chair: Lauri Monnot Phone: 373-0461 Email: lauri.monnot@deq.idaho.gov

The public education committee has extended the deadline for IDAFS scholarship application until February 10th. We are also working with a production company to duplicate educational copies of "Rising from the Shadows: The Return of the Cutthroat Trout" DVD that was created by Western Division AFS. In addition this 30 minute episode will be broadcast on Idaho Public Television in spring or summer 2007.

Riparian

Committee Chair: Corey Lyman Phone: (208) 557-5838 Email: clyman@fs.fed.us

The Riparian Committee survives another year - although we have suffered some membership losses, we have picked up a few stragglers along the way. We can still count active committee members on one hand. Progress has been slow for the committee in 2006 but 2007 looks bright. I invite all interested chapter members to join us in developing a mission statement and 2007 committee goals during the breakout session at the annual meeting in Boise. The committee looks forward to seeing some new faces and hearing new inputs from interested chapter members. Come prepared to help propel the Riparian Committee into the new year.

Water Quality/Stream Hydrology

Committee Chair: Steve Bauer Phone: (208) 376-3263 Email: stevebauer6@cableone.net

Doug Bradley, the Committee Chair, is moving to Michigan and Steve Bauer will be serving as interim Committee Chair. They will be meeting at the annual meeting in Boise. Please contact Steve for more information.

Idaho Chapter Leadership

2006 Executive Committee

President	James Capurso	(208) 557-5780	jcapurso@fs.fed.us
President Elect	Bart Gamett	(208) 588-2224	bgamett@fs.fed.us
Vice President	Mary Faurot	(208) 634-0618	mfaurot@fs.fed.us
Past President	Russ Kiefer	(208) 334-3791	rkiefer@idfg.idaho.gov
Treasurer	Tammy Hoem	(208) 861-7159	thoem@clearwire.net
Secretary	Brian Kennedy	(208) 885-5171	kennedy@uidaho.edu
Nominations Chair	Joe DuPont	(208) 769-1414	jdupont@idfg.idaho.gov
Palouse Unit President	Dustene Cummings	(208) 310-9576	cumm1851@uidaho.edu

Committee Chairs

Anadromous Fish	Jason Vogel	(208) 843-7145	jasonv@nezperce.org
Fish Culture	Jeff Heindel	(208) 939-4114	jheindel@idfg.idaho.gov
Fundraising	Mike Peterson Ed Schreiber Rob Ryan	(208) 465-8404 (208) 799-5010 (208) 324-4359	mpeterson@idfg.idaho.gov eschreiber@idfg.idaho.gov rryan@idfg.idaho.gov
Membership	Tom Bassista	(208) 525-7161	Tom.Bassista@idwr.idaho.gov
Mentoring	Kevin Meyer	(208) 465-8404	kmeyer@idfg.idaho.gov
Native Fishes	Dan Garren	(208) 525-7290	dgarren@idfg.idaho.gov
Public Education	Lauri Monnot	(208) 373-0461	lauri.monnot@deq.idaho.gov
Riparian	Corey Lyman	(208) 557-5838	clyman@fs.fed.us
Water Quality/Stream Hydrology	Steve Bauer	(208) 376-3263	stevebauer6@cableone.net



Hello,

Thank you for considering a donation to the American Fisheries Society. The American Fisheries Society is a nonprofit professional society founded over 100 years ago to promote, protect, and enhance our fishery resources. Our membership is primarily composed of fishery and aquatic science professionals, most of whom are also sportsmen and women. One of the primary goals of the society is to provide a forum for discussion and communication of current fisheries research and management to help maintain and improve the aquatic resources of the state of Idaho. The Idaho Chapter of the American Fisheries Society has over 500 members directly involved in making Idaho's fishing and natural resources better. As a chapter, we are dedicated to protecting and preserving our state's valuable aquatic resources for all to enjoy, now and into the future.

We are in need of charitable contributions for our annual meeting and fundraiser, which will be held February 21, 22, and 23, 2007, in Boise, Idaho. Please consider supporting our efforts by making a donation to this event. Your generous contribution will be acknowledged on posters throughout the meeting and on the AFS Web site, www.idahoafs.org/sponsors.php. In addition, we continually remind our members to check our sponsor list when shopping or recommending services or products.

Activities of the Idaho Chapter are funded entirely by charitable contributions, and all projects are implemented by volunteers. Thanks to generous contributions from businesses such as yours, the Idaho Chapter has continued to be involved in a wide variety of activities throughout the state and region. Some of our activities over the last few years have included:

- Producing a new book titled *Native Fishes of Idaho* (due out in 2007)
- Assisting with the production and distribution of the video *Rising from the Shadows: The Return of the Cutthroat Trout* (the video can be viewed at our website at: <http://www.idahoafs.org>)
- Establishing three scholarships and a support grant for Idaho high school, undergraduate, and graduate students interested in fish related fields
- Completing an scholarship endowment for students studying natural resources at the University of Idaho
- Producing a poster titled *Rare Native Fishes of Idaho* and distributing it to Idaho 4th graders
- Providing native fish displays for Project Wild, a traveling classroom that visits Idaho elementary schools
- Providing educational displays at the Morrison-Knudsen Nature Center in Boise which is visited annually by thousands of families and school children

- Participating in "The Living Stream" program throughout Idaho which places fish tanks in classrooms and allows students to observe and grow trout
- Providing assistance with Idaho Salmon and Steelhead Days educational program for Idaho 4th graders
- Sponsoring annual workshops on Idaho's native fish
- Developing a fish identification website (www.idahoafs.org/fishes.php) to help the public identify Idaho's fish

If you've donated items for our fundraising efforts in previous years, we thank you very much and ask for your continued support. All donations are tax-deductible; we are a 501 (c) 3 nonprofit organization (Idaho Corporation ID #C69419, Federal Corporation ID #521147128).

If we can answer any questions regarding AFS or the annual meeting, please contact Mike Peterson at (208) 465-8404 ext. 234.

Thank you for your continued support!

Sincerely,

Mike Peterson
Ed Schriever
Rob Ryan
Co-Chairs, Fund-Raising Committee
Idaho Chapter American Fisheries Society

Please ship contributions to:
*C/O Idaho Chapter American Fisheries Society
1414 E Locust Lane
Nampa, ID 83686*