



GILL RAKER GAZETTE

Steve Elle - Editor

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PRESIDENTS MESSAGE

Brett Roper

Well another year has slipped by. And while I'm hopeful the year was filled the sounds of screaming drags, vermilion sunsets, and good beer it was just as likely crammed with politics, bureaucracy, and a bit a field work.

In my relatively short career I have seen the world of the fish biologist change dramatically. First of all there is more to know. What we have learned in the last ten years on any of a number of subjects such as aquatic ecology, genetics, aquaculture, or population dynamics is enough to overwhelm -- yet most of us try to grasp them all.

Then there are the techniques and tools. Computer models. They are black boxes to some, salvation to others, and a waste of time to at least a few. Transmitters and video cameras permit us to expound on aspects of fishes lives that seemed unknowable only a couple of years ago. Or PCR (Polymerase Chain Reaction): In 1989 I did a literature search on the subject. It was referenced in only a couple of papers. Now, biologists feel exposed without the "genetic data" this technique facilitated.

As our databases grow, there also seems to be an increased desire by society to have it processed into information, knowledge, or perhaps even wisdom. But often this information can seem like The Force in Star Wars --- it can be equally well used by the dark side. Or, at the very least by politicians who dwell on the uncertainty that we ourselves point out.

These challenges are why I so much look forward to the Annual Meeting of the Idaho Chapter of the American Fisheries Society. It has offered me, and I hope others, a chance to spend time with people who have followed or blazed the trail I am on. Much of what I now believe as the truth was shaped by presentations, discussions, and heated arguments over a pint of beer at these meetings.

Thanks. I look forward to seeing you all in a couple weeks.

Editors Note

Thank you to all who have helped me with getting the newsletter out via email. As with any transition, I have had my share of errors in the addresses. I will continue to try to get it right. In the meantime, please share/forward this newsletter with anybody you think might be interested. Maybe that way we can minimize those who are not in my mailing file. I continue to solicit email addresses. Please be sure to include your email address on your registration for the annual meeting. Thanks for your patience.

ATTENTION PAST OFFICERS: Chapter Historian Request

Dan Schill has requested that past ICAFS officers or members in possession of files, photos, or other information that might be of historical interest, **please bring the materials to the annual meeting this year** and he will take them off your hands. This is your big chance to get rid of those pesky boxes and tattered manila file folders that have been taking up space in your file cabinets!!!! He has heard rumors of enough files to "fill the back of a pickup" but has yet to see a single document headed his way. Dan has received permission from the Idaho State Historical Society to house all the Chapter historical records in Boise.

2001 ICAFS ANNUAL MEETING

Boise, Idaho February 22-24, 2001

Program Theme: What is the proper role of genetics in fisheries management?

Tentative Agenda

February 21

1700-1900 Registration

1800-?? Excom meeting (Emerald Room)

February 22

0700-1000 Registration

0830-0850 Introduction and Housekeeping

0850-0905 Presidents message

0900-1130 **Plenary session: Invited speakers**

Jason Dunham (Fisheries Scientist-USFS Rocky Mountain Research Station, Boise)

Jennifer Nielsen (Geneticist-USGS Anchorage, AK)

Matt Powell (Research Geneticist-University of Idaho, Hagerman, ID)

Paul Spruell (Geneticist-University of Montana, Missoula, MT)

1130-1255 Breakout to committee meeting with sack lunch

1300-1700 Panel discussion by invited speakers

Contributed papers

1830-???? Student mixer at Idaho Pizza Company (7100 Fairview)

February 23

0800-1120 Contributed papers

1120-1330 Luncheon- ICAFS Annual Business Meeting

1330-1700 Contributed papers

1830-2300 Social event and fundraiser

February 24

0800-1200 Contributed papers

1200-1215 Presentation of best paper awards

1215 Adjourn

1300 Excom meeting

Contributed papers-exact order, time and additional presentations will be determined prior to the annual meeting.

Cryopreservation of Chinook salmon and steelhead gametes in the Snake River basin. Robin Armstrong, Paul Kucera.

Quality assurance testing as part of a long-term monitoring program for streams and riparian areas. Eric Archer, Chad Mellison, Rick Henderson, Jeff Kershner.

Hybridization and Introgression in a managed, native Yellowstone cutthroat Oncorhynchus clarki bouvieri population, Henrys Lake, Idaho: genetic detection and management implications. Matthew Campbell, Matt Powell, Jeff Dillon.

The influence of discharge on hydrogen sulfide concentrations and distributions of two trout species in a regulated river. Matthew Dare, Wayne Hubert, Joseph Meyer.

Impacts of electrofishing injury on Idaho stream salmonids at the population scale. Steve Elle, Dan Schill.

Assessment and overview of mountain lake stocking in the panhandle region. [Jim Fredericks](#).

In-season homing of Pacific Lamprey ([Lampetra tridentate](#)) in the Columbia River Basin. [Doug Hatch](#), Andre Talbot, Rian Hooff, Chris Beasley, John Netto.

Fires and fish: What is the real concern? [Justin Jiminez](#), Rodger nelson, David Burns.

Estimating the ocean age proportions of Snake River wild spring/summer chinook salmon adults. [Russ Kiefer](#), June Johnson.

Trout in the classroom. [Ted Koch](#), Rick Prange.

Have we found the pre-Libby dam spawning location of Kootenai river white sturgeon or has high powered science lead us astray? [Vaughn Paragamian](#), Gary Barton, Sue Ireland.

Arrowrock Dam outlet works rehabilitation: assessment of potential impacts to an adfluvial bull trout population. [Rick Reiber](#), Tammy Salow.

Implications of the management of disease in salmonids: using quantitative PCR for detection of IHNV and BKD. [Matt Powell](#), Ken Overturf, Keith Johnson.

Yellowstone cutthroat trout in the upper Snake River basin: defining management units and the extent of introgression with non-native salmonids. [Richard Williams](#), Matt Powell, Matthew Campbell.

Population structure and mitochondrial DNA (mtDNA) diversity of North American white sturgeon ([Acipenser transmontanus](#)). [Paul Anders](#), C.R. Gelok, Matt Powell.

Ecotypic variation in rainbow trout morphology. [Ernest Keeley](#), Eric Parkinson, E.B. Taylor.

Landscape views of trout population in small mountain streams. [Dan Isaak](#), Wayne Hubert.

Snake River white sturgeon stock assessment, Lower Granite to Salmon River. [Scott Everett](#), Michael Tuell.

Application of a conservation approach for use of artificial propagation in Salmon Recovery. [Jason Vogel](#), Jay Hesse, Chris Beasley.

Snake River sockeye captive brood stock program: where are we now? [Lance Hebdon](#), Paul Kline

Recovery and conservation of the Henry's Lake Yellowstone cutthroat trout population. [Mark Gamblin](#), Jeff Dillon, Matt Powell.

Where have all the young perch gone...gone to northern pike minnows, everyone!...oh what have we ever learned? Peter, Paul and Mary...or...Status of yellow perch in Cascade Reservoir, where do we go from here? Paul Janssen.

Length variation in young-of-the-year westslope cutthroat trout across spatial scales and growth potential gradients. Kathleen McGrath, Bruce Rieman, Michael Scott.

The warmwater fish community in the Pend Oreille River: response to higher water levels. Chris Karchesky.

Reminder: We are staying at the Double Tree Riverside. If you still need to make a reservation, call 208-343-1871 (Reservations Department) and reference the American Fisheries Society to receive the special group rate. If you have any questions about accommodations, scheduling or other logistical issues, call or e-mail Mark Gamblin.

Committee Reports

NOMINATIONS CHAIR

Chris Downs

The ICAFS officer candidate search for 2001 is now complete. We have an excellent slate of candidates from which to choose our next “cohort” of chapter officers. I’d personally like to thank those folks who offered nominations, those folks who accepted their nomination, and all of those folks who politely told me they just couldn’t do it this year.

Additionally, I propose to put together a database consisting of all past ICAFS Excom candidates and officers. This would provide some institutional memory and help the Nominations Chair refine the candidate search in the future. If you have run for, or been elected to an office in the past, please email me with the year and the office for which you participated (cdowns@sandpoint.net). If you prefer, just catch up with me at the annual meeting this year and I’ll take your information then. Any previous Nominations Chair’s who have information on candidates they presented to the Chapter in the past, please contact me as well.

The 2001 ICAFS Excom Office Candidates:

Vice President

Vaughn L. Paragamian

Vaughn currently works as the Principal Fisheries Research Biologist for Kootenai River research program for the Idaho Department of Fish and Game. He earned a BS from Iowa State University and a MS from the University of Wisconsin Stevens Point. Vaughn has been an AFS member for 32 years is in the Life membership category. He has been a member of three state chapters and has served for most of his career as an Officer or Committee Chairman with his involvement with the North Central and Western Divisions, Fisheries Management Section, and the Parent Society. Vaughn has also served on the Editorial Board of the NAJFM. During Vaughn’s career he has worked for four different state agencies and the USFWS. For most of his career he has been a researcher but has also worked for Management, Hatchery, and Commercial Fisheries Bureaus. Vaughn served with the US Army from 1969-1972 and was with the 519th MP Battalion. Vaughn believes you get out of AFS what you put into it, the more you contribute the more you will benefit. Vaughn would like to serve you and contribute as Chapter Vice President and become more involved in the day to day, as well as the more complex needs of the Idaho Chapter.

Bob Danehy

I’m the aquatic biologist for Boise-Cascade nation-wide, with most of my effort focused in the NW. I’ve been a member of AFS for over 20 years (with a short poverty induced gap in grad school) and have worked on the Great Lakes, Mid-Atlantic States, Adirondacks, and the West in freshwater and anadromous fish ecology. Since earning my terminal degree (my wife’s term!) in 1994 from the College of Environmental Science and Forestry in Syracuse, NY, I’ve been working on forest stewardship issues related to aquatic resources. I’ve been in my current position since 1996. While some may disdainfully look at the performance of timberland owners with respect to aquatic resources, there has been a revolution of sorts (with additional evolution required!) with various stewardship programs at both industry-wide and individual company scales. I believe I have contributed to that change. Besides working on improving stewardship from within the timber industry, my current research interests include; salmonid bioenergetics, riparian ecology, and the development of biotic indexes of instream fine sediment. I have been reasonably active within AFS, as a member of three state chapters (ID, OR and NY) and believe it’s time to offer to contribute as an officer. As an officer, I will actively seek consensus on issues, do the grunt work as necessary, and endeavor to maintain the image of ID AFS as an institution devoted to science and education.

Secretary-Treasurer

Doug Megargle

Doug Megargle received an A.S. degree Fish and Wildlife Management from S.U.N.Y. Cobleskill in 1986, a B.S. Wildlife Management / Fisheries Minor from Colorado State University in 1989, and his M.S. in Fisheries Management from Montana State University in 1997. His fisheries related experience includes work as a Research Associate at Colorado State University (3 years), Fisheries Technician for Idaho Fish and Game (3 years), Research Assistant at Montana State University, and as a Fishery Research Biologist for the Idaho Fish and Game for the past 3 years. Currently, Doug is involved in triploid trout research for IDFG involving fish production, growth, survival, health, and behavior. Doug has been an AFS member for nearly 10 years and this would be his first AFS position held. He would like to become more involved in ICAFS, and views this office as a logical starting point.

Mary Faurot

I have a Masters Degree in Fish and Wildlife Management from Montana State University and a Bachelors Degree in Biology from Florida State University (I grew up in Florida). I've worked as a fish biologist for the last twenty years or so in six states, two continents, and for five agencies or groups. Before coming to Idaho I worked as a fish biologist for the Umpqua National Forest in Oregon, for the US Fish and Wildlife Service in Alaska (Kenai Fishery Assistance Office), Montana (Montana Cooperative Research Unit), and Washington (Seattle National Fisheries Research Center), for the Flathead Tribe in Montana, for the National Park Service in Yellowstone, and for the University of Sydney on the Great Barrier Reef in Australia.

In Idaho, I've worked for the Forest Service on the Payette National Forest (Krassel Ranger District) since 1993. My main responsibilities include evaluation of the effects of Forest management and habitat restoration on fish and fish habitat in the South Fork Salmon River and tributaries of the Middle Fork and Main Salmon Rivers. My main interests include leading a cooperative aquatic education project in the public schools of McCall (raising salmonids in the classroom, field trips, dissections, lectures, and presentations), and coordinating fisheries research projects with the Payette National Forest, IDFG and universities.

I have two children, ages 10 and 12, which have precluded much extracurricular involvement with AFS activities for the last decade. I have been a member of AFS chapters in Montana, Alaska, Oregon, and Idaho, and have participated on several AFS committees. Though I have never held an office with AFS, I have held offices and participated on other boards and committees, am very active in the McCall community, enjoy communication and involvement, and would like to become more active with AFS in the next decade. I love working with people and believe I will be an asset as Secretary-Treasurer of the Idaho Chapter.

Nominations Chair

Lee Mabey

Lee Mabey serves the Caribou-Targhee National Forest as a Fisheries Biologist on the Teton Basin and Ashton/Island Park Ranger Districts. He has worked for the Forest Service for 10 years with 8 years on the Uinta National Forest. His education includes a BS in Entomology in 1991 and a MS in Zoology from BYU in 1993 emphasizing aquatic insects and plankton communities. He has also worked for the US Fish and Wildlife Service and the Utah Division of Wildlife Resources in their fish culture program for 2 years.

Lee put his name in the hat for nominations chair because Chris sounded desperate and it looked like a low-key way to get involved and support our AFS Chapter.

Kevin Meyer

Kevin Meyer received his B.S. degree in Fisheries and Wildlife from Michigan State University in 1992. After working for a summer for Wyoming Game & Fish Department, he attended Idaho State University and obtained his M.S. degree in Biology in 1995, working on the winter ecology of juvenile rainbow trout in the Henry's Fork. After another seasonal job in Wyoming, he worked for 2.5 years as a fisheries biologist for the Winema National Forest in Oregon on a Water Adjudication Project, determining minimum streamflows for fish and assisting in the development of minimum flows for stream maintenance.

For the past 2.5 years he has worked for the Idaho Department of Fish & Game as a fisheries research biologist and as lead investigator on the Upper Snake River Native Salmonid Assessment Project, a federally funded project with goals to assess the current stock status of native salmonids in the Snake River drainage above Hell's Canyon Dam, determine limiting factors for populations at risk, and develop and implement recovery plans and strategies where necessary. He has been a member of the American Fisheries Society since 1991, and for the past two years he has been co-chair of the Fundraising Committee for ICAFS. After relinquishing these duties at the conclusion of the 2001 annual meeting, he is interested in chairing the Nominations Committee.

FUND RAISING

Kevin Meyers
Tony Lamansky

Please go forth and hustle items for the raffle/auction. Remember, this is how we generate funding for the projects we undertake during the coming year. We also need flies of all shapes, sizes, and colors for the perennial "fish-o-flies". Bring them to the meeting or mail them to Kevin or Tony and help to dress up the styrofoam salmonid. As with last year, **FOR EVERY HALF-DOZEN FLIES YOU BRING, YOU GET 3 GENERAL RAFFLE TICKETS!!** Did anyone notice how many prizes Dave Burns won last year? (Hint: the fish was covered with steelhead flies). Any handcrafted items will be greatly appreciated.

NATIVE FISH

Jim Capurso

A quick reminder: here is your chance at immortality! The Native Fish Committee is still looking for good quality color photos/paintings for use by Dr. Richard Wallace and Don Zaroban in the development of a field guide of Idaho fishes. Please e-mail them in a digital format to jcapurso@fs.fed.us. The committee will organize these pictures and provide them to Dr. Wallace and Don Zaroban for the field guide.

Registration
ICAFS Annual Meeting

February 22-24, 2001 Boise

(Mail to ICAFS c/o Kim Apperson, 555 Deinhard Lane, McCall, ID 83638)

Last Name: _____ First Name: _____
 Title: _____ Affiliation: _____
 Mailing Address: _____
 City: _____ State: _____ Zip: _____
 Email Address: _____
 Phone: (work) _____ (Home): _____
 Palouse Unit Member (check if yes): _____

2001 AFS Member registration (\$65.00) _____
National Dues (\$78.00) _____
Sections/Publications (optional) _____
 Total for 2000 AFS Member _____

2000 Student Member (\$38.00) _____
 (no registration fee if National member)

NOTE: There has been some question about if you need to pay the \$65.00 registration fee if you are a member of national. The answer is YES! The registration fee pays for the meeting hotel, lunches and Friday social. The only exception is student members. Hopefully, this clarifies any misconceptions. Our thanks to all who have already registered. For all you procrastinators, if you can register before you come to the meeting, it will allow Kim to minimize any delays during your check-in.

ICAFS EXCOM

President	Brett Roper	765-7223 (7448)	broper@fs.fed.gov
President Elect	Mark Gamblin	525-7290	mgamblin@idfg.state.id.us
Vice President	Steve Elle	465-8404	selle@idfg.state.id.us
Secretary/ Treasurer	Kim Apperson	634-8137	kapperso@idfg.state.id.us
Nominations	Chris Downs	266-1141	cdowns@sandpoint.net
Past-President	Ted Koch	378-5293	ted_koch@fws.gov

COMMITTEE CHAIRS

		<u>Work Phone</u>	<u>E-mail</u>
Water Quality/Quantity	Brett Roper	765-7223 (7488)	broper@fs.fed.gov
Anadromous Fishes	Dave Cannamela Jody Walters	334-3791 799-5012	dcanname@idfg.state.id.us jwalters@idfg.state.id.us
Native Fishes	Jim Capurso	624-3151	jcapurso@fs.fed.us
Riparian	Dale Allen	465-8465	dallen@idfg.state.id.us
Public Education	Jim Fredericks Chris Downs	769-1418 266-1141	jfrederi@idfg.state.id.us cdowns@sandpoint.net
Stream Hydraulics	Karen Smith	935-2513	kasmith03@fs.fed.us
Funding	Kevin Meyer Tony Lamansky	465-8404 465-8404	kmeyer@idfg.state.id.us tlamansk@idfg.state.id.us
Membership	Dale Brigge	378-5648	D.Brigge@noaa.gov
Scholarship	Tim Cochnauer Dave Bennett	799-5010 885-6337	tcochnau@idfg.state.id.us dbennett@uidaho.edu
Palouse Chapter	Chris Karchesky Will Young	885-4006 885-6434	chrisk@uidaho.edu Whtsturgon@aol.com

Come join us in Boise and help make this another successful annual meeting!