



# Gill Raker Gazette

The newsletter of the Idaho Chapter of the American Fisheries Society

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Volume 24, Issue 1

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Editor: Bart Gamett

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## The 2006 Annual Meeting Edition

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### The Presidential Message

It is time for the Idaho Chapter of the American Fisheries Society's annual meeting in Idaho Falls. For those of you who have already registered, I look forward to seeing you at what should be a great meeting. For those of you who have not registered yet, I have good news and even better news. The good news is that you can still come and join us. The even better news is that if you do come and join us, you will automatically be making a contribution to help our chapter fulfill its mission. Your Executive Committee has committed to putting the funds we raise to use fulfilling our chapter's mission and not simply building a banking account. So it is a great time to participate in the committee process and help decide how to promote the development of fisheries professionals, and advance the conservation and wise use of fisheries resources. So come share your thoughts and ideas with others who have a passion for fisheries resources.

I would like to share with you a couple of ways that attending our chapter's annual meetings have helped my professional development. First, participating in the committee process improved my team building and reaching win-win consensus decision skills. I now regularly put those skills to use representing the Idaho Department of Fish and Game and the State of Idaho on several of the Columbia Basin salmon recovery Regional Forum committees and teams. Secondly, many of you will find it hard to believe that I used to have a terrible fear of public speaking. It was giving a presentation at an Idaho AFS meeting that tripped the switch in my brain, and allowed me to conquer this fear. As I looked out into the audience that day, instead of just seeing people, I saw other fish heads that I had gotten to know, understand, and like at previous Idaho AFS meetings. I suddenly realized that just like me they were interested in fisheries, that I knew something cool about fisheries that they would like to know, and all I needed to do was show and explain what I had learned to them. The presentation went well (at least in my mind), this fear was conquered, and now public speaking is easy for me (some might say too easy).

We have a vibrant and active chapter, and Jim Capurso has put together what should be a great meeting. How vibrant and active the Idaho Chapter of AFS has become is exemplified by the likelihood that at our business meeting we will be voting to admit a new Student Unit to our chapter. The primary reasons for holding an annual meeting is the dissemination of scientific information and the networking of fisheries professionals. This combination provides a wide range of opportunities for education, participation, and enjoyment. Speaking of enjoyment, the Idaho Department of Fish and Game regional fish management folks have agreed to put together directions and a brief description of their top three local fishing opportunities for those with the time and inclination. This fishing report is included in this newsletter and an updated version will be available at the registration table.

I hope to see you at the meeting.

Russ Kiefer

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# 2006 Annual Meeting

February 13-17, 2006

## Red Lion Riverside

475 River Parkway, Idaho Falls, ID 83402

Telephone: 208-523-8000, Fax: 208-529-9610

E-mail: [idahofallsales@redlion.com](mailto:idahofallsales@redlion.com)

2006 Annual Meeting Information: <http://www.idahoafs.org/meeting2006.php>

James Capurso and others have completed preparations for the annual meeting to be held at the Red Lion Riverside in Idaho Falls, February 15-17. Some annual meeting special features include a plenary session to arm you with the latest info on fisheries and natural resource economics, dozens of excellent presentations on native cutthroat trout, hatcheries/conservation hatcheries, invasive species, fisheries techniques, habitat management, anadromous fish, and flatwater management, a social/fundraiser featuring live music by Swingshift, a real auctioneer, and great food and drink. Don't forget about the workshops and symposium the 2 days before the annual meeting, at the same location.

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## Directions



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## Lodging

The Red Lion Hotel is full and no longer has rooms available. Other nearby hotels include:

AmeriTel Inn - Idaho Falls  
645 Lindsay Blvd  
Idaho Falls, Idaho 83402  
Hotel: (208) 523-1400

[http://www.ameritelinns.com/ameritel\\_hotels.asp?PID=4](http://www.ameritelinns.com/ameritel_hotels.asp?PID=4)  
(make sure you get the \$60 rate that includes breakfast)

Shilo Inn - Idaho Falls  
780 Lindsay Blvd  
Idaho Falls, Idaho 83402-1822  
Hotel: (208) 523-0088  
Reservations: (800) 222-2244

[http://www.shiloinns.com/Idaho/Idaho\\_falls.html](http://www.shiloinns.com/Idaho/Idaho_falls.html)  
(discount rate not set up)

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## Agenda

### MONDAY, FEBRUARY 13

Workshop: Population Viability (workshop information: <http://www.idahoafs.org/popviability.php>)

### TUESDAY, FEBRUARY 14

Symposium: Exploring the Differences between Fine-Spotted and Large-Spotted Varieties of Yellowstone Cutthroat Trout

(symposium information: <http://www.idahoafs.org/yellowstonecutthroat.php>)

Workshop: Hatchery Nutrition (workshop information: <http://www.idahoafs.org/fishnutrition.php>)

6:00-8:00 PM ICAFS Annual Meeting Registration  
7:00-9:00 PM ICAFS Executive Committee Meeting

### WEDNESDAY, FEBRUARY 15

7:00-10:00 AM Annual Meeting Registration  
8:00-8:10 AM Introduction and Announcements  
8:10-8:25 AM President's Address, Russ Kiefer

#### **Plenary Session: Economic Aspects of Idaho Fisheries and Other Natural Resources**

**Purpose:** To expose the membership to powerful economic perspectives, data, and studies to enhance their effectiveness as natural resource conservationists.

**Moderator:** James Capurso, ICAFS President-Elect

8:25-8:30 AM Introduction to session and presenters  
8:30-9:15 AM Protected landscapes and economic vitality in the Mountain West, Thomas Michael Power, Professor and Chair of Economics Department, University of Montana  
9:15-9:45 AM Pathways from sustained yield toward sustainability, Jay O'Laughlin, Professor, Department of Forest Resources and Director, Idaho Forest, Wildlife, and Range Policy Analysis Group, University of Idaho  
9:45-10:15 AM **Break, Refreshments in Bannock Room**  
10:15-10:40 AM Idaho fisheries economic study, Virgil Moore\*, Tom McAurthur, and Sharon Clark  
\*Idaho Department of Fish and Game Fisheries Bureau Chief  
10:40-11:05 AM The 2001 IDFG Chinook economic survey - More than the Money, Sharon Kiefer, Idaho Department of Fish and Game Anadromous Fisheries Manager  
11:05-11:30 AM The potential economic impact of restored salmon and steelhead fishing in

- Idaho, Don Reading, Ben Johnson Associates, Inc.
- 11:30-11:55 AM Valuing ecosystem services: focus on freshwater fisheries, John W. Duffield, Research Professor, Economics Department, University of Montana
- 11:55-1:15 PM **Lunch: Committee Lunch Meetings**  
Enjoy your boxed lunch with your choice of chapter committees.  
Choose from:  
Anadromous Fish: Meet in Yellowstone Room  
Fish Culture: Meet in Jefferson Room (Room #143)  
Mentoring: Meet in Bannock Room  
Native Fishes: Meet in Teton Room  
Public Education: Meet in Board Room  
Riparian: Meet in Madison Room (Room #142)  
Water Quality/Stream Hydrology: Meet in Targhee/Bonneville Rm

**Session: Native Cutthroat Trout**

**Moderator: Amy Harig, Trout Unlimited Cooperative Native Trout Program**

- 1:15-1:20 PM Introduction to session and presenters
- 1:20-1:40 PM Ecologically based variation in morphology among cutthroat trout (*Oncorhynchus clarki sp.*) of western North America. Meredith B. Seiler and Ernest R. Keeley
- 1:40-2:00 PM Status of Yellowstone cutthroat trout in Idaho. Kevin A. Meyer, Daniel J. Schill, and James A. Lamansky, Jr.
- 2:00-2:20 PM Fine-scale genetic structure of westslope cutthroat trout in a tributary to the Selway River. Dawson Dunning, Paul Spruell, Katherine Thompson, and Fred W. Allendorf
- 2:20-2:40 PM Adult post-spawn movements and juvenile outmigration of fluvial Bear River Bonneville cutthroat trout in the Thomas and Smith's Fork rivers ID-WY. Warren T. Colyer, Adam Sepulveda, Amy L. Harig, Dana Degraaf, and Jeff Kershner
- 2:40-3:00 PM Predation by double crested cormorants and American white pelicans on native Yellowstone cutthroat trout and hatchery rainbow trout in Blackfoot Reservoir, Idaho. David Teuscher and Richard Scully
- 3:00-3:20 PM **Break**

**Session: Invasive Species**

**Moderator: Laura Kessel-Hawn, USFWS Wild Fish Health Program Coordinator**

- 3:20-3:25 PM Introduction to session and presenters
- 3:25-3:45 Connectivity, habitat quality, and biotic resistance and their association with non-native brook trout occurrence in Panther Creek, Idaho. Joseph R. Benjamin, Jason B. Dunham, and Matthew R. Dare
- 3:45-4:05 PM Morphological and swimming stamina differences between Yellowstone cutthroat trout (*Oncorhynchus clarki bouvieri*), rainbow trout (*O. mykiss*), and their hybrids. Steven M. Seiler and Ernest R. Keeley
- 4:05-4:25 PM Survival and passage of New Zealand mudsnails in the gastrointestinal tract of rainbow trout. R. Louise Bruce and Christine M. Moffitt
- 4:25-4:45 PM Seasonal population dynamics of New Zealand mudsnails (*Potamopyrgus antipodarum*) in Silver Creek Drainage, Blaine County, Idaho and Riley Creek Drainage, Gooding County, Idaho. Chris James and Christine M. Moffitt
- 5:30-9:00 PM **Student/Professional Mixer Hosted by Palouse Unit at**

**Papa Tom's Pizza, Directions:**

Go South on River Parkway toward W Broadway St (0.1 mile)

Turn left onto W Broadway St (0.3 mile)

Turn Right onto Yellowstone HWY/N Yellowstone HWY. Continue to follow Yellowstone HWY (0.5 mile).

Turn Left onto W 17<sup>th</sup> St. (2.2 miles).

Turn Right onto S Woodruff Ave (0.1 mile).

Estimated Drive time: 9 minutes. Estimated Distance: 3.4 miles.

**THURSDAY, FEBRUARY 16**

**Session: Aquaculture and Conservation Hatcheries**

**Moderator: Rick Alsager, Idaho Department of Fish and Game  
Nampa Fish Hatchery Manager**

- 8:00-8:10 AM Information and Introduction to session and presenters
- 8:10-8:30 AM Do aquaculture drug treatments pose a serious risk to humans and the environment?-A case study. Christine M. Moffit
- 8:30-8:50 AM SDS-PAGE and western blot analysis of *Flavobacterium psychrophilum* carbohydrate antigens and their potential role in protective immunity. Benjamin R. LaFrentz, Scott E. LaPatra, William D. Shewmaker, Aaron Weighall, and Kenneth D. Cain
- 8:50-9:10 AM Initial microsatellite analysis of wild Kootenai River white sturgeon and subset brood stock groups used in a conservation aquaculture program. Jeff Rodzen, Bernie May, Paul Anders, and Sue Ireland
- 9:10-9:30 AM Reproductive success of hatchery and natural origin Chinook salmon (*Oncorhynchus tshawytscha*) in a stream with a history of supplementation management. Brian Leth and Madison Powell
- 9:30-9:50 AM Performance of diploid and triploid rainbow trout in 16 Idaho high lakes. Joseph R. Kozfkay and Daniel J. Schill
- 9:50-10:10 AM **Break**

**Session: Techniques and Analysis**

**Moderator: Ernest Keeley, Associate Professor, Department of Biological Sciences, Idaho State University**

- 10:10-10:15 AM Introduction to session and presenters
- 10:15-10:35 AM Use of catch curve residuals to assess factors influencing year class strength in the Upper Snake Region, Idaho. Dan Garren
- 10:35-10:55 AM A stock-recruit relationship for naturally produced spring/summer Chinook salmon in the Snake River basin. Timothy Copeland
- 10:55-11:15 AM Invertebrate drift as a predictor of salmonid abundance and distribution in the Panther Creek Watershed, Idaho. Sarra Moller and Ernest R. Keeley
- 11:15-11:35 AM Use of an In-stream PIT-tag Detector System to Monitor Movement of bull trout between the Snake and Tucannon rivers. Steve Anglea, Carrie Bretz, and Mike Faler
- 11:35-1:40 PM **Lunch: ICAFS Annual Business Meeting and Western Division Update**

**Session: Habitat Management and Conservation Actions**

**Moderator: Michael Kellett, Boise National Forest Fisheries Biologist**

1:45-1:50 PM	Introduction to session and presenters
1:50-2:10 PM	Western Native Trout Initiative - habitat and conservation for the future security of our native trout. Virgil Moore
2:10-2:30 PM	Fish Passage at Road Crossings in Idaho - Section 7 Consultation for ESA-Listed Species. Mary Faurot, Tim Burton, Chad Fealko, and Mark Robertson
2:30-2:50 PM	Fisheries diversion and screening alternatives. Robert K. Weir
2:50-3:10 PM	Effects of fluvial geomorphic adjustment on stream fish communities. Mažeika S.P. Sullivan, Mary C. Watzin, and W. Cully Hession
3:10-3:30 PM	<b>Break</b>
3:30-3:50 PM	Modeled hydrology predicts trout species composition of upper Teton River tributaries. Ryan Colyer, Rob Van Kirk, Kimberly Peterson, Martin Koenig, and Kirstin Keetch
3:50-4:10 PM	Seasonal movement and the interaction of temperature and discharge on burbot in the Kootenai River, Idaho, USA, and British Columbia, Canada. Vaughn L. Paragamian and Virginia D. Wakkinen
4:10-4:30 PM	Discharge and temperature influence on salmonid movements in the Deadwood River. Sarah M. Rose, Mathew R. Dare, and Tammy Salow
4:30-4:50 PM	Stream food web response to a carcass analog addition to two central Idaho streams. Andre E. Kohler, Amanda Rugenski, and Doug Taki
4:50-5:10 PM	Spatial Distribution of the Threatened Bliss Rapids snail downstream from Bliss and Lower Salmon Dams. Barry Bean and Mathew R. Dare
5:10-6:00 PM	<b>Poster Session: View the contributed posters with poster preparers available for questions. Refreshments served.</b>
6:00 PM-12:00 AM	<b>Social, Raffle, and Auction Live Music From Swingshift Food and beverages provided by the chapter. No host bar.</b>

**Annual Social, Raffle, and Auction**

**Free food and beverages and a no host bar!!!**

***Live music from Swingshift***

**Numerous raffle and auction items**

**Come support the Chapter's many activities**

**Red Lion Hotel  
Thursday, February 16  
6:00 P.M. - 12:00 A.M.**

## Posters

Mitochondrial DNA phylogeography of mountain whitefish *Prosopium williamsoni* in Idaho, Utah, and Montana. Campbell, M., A. Whiteley, and B. Gamett.

Evaluating genetic structure of interior Redband trout in environmental extremes of Idaho using microsatellite loci. Cegelski, C., M. Campbell, and K. Meyer.

Influence of year and local population on length at return of Snake River spring/summer Chinook salmon. Copeland, T. and J. Johnson

Evaluation of adult Pacific lamprey passage success at McNary and Ice Harbor Dam. Cummings, D., C. Peery, T. Dick, B. Daigle, and M. Moser.

Reconnecting fragmented Lahontan cutthroat trout populations in Northeastern Nevada. DeGraaf, J.D.

Rainbow trout movements in the Henry's Fork caldera in relation to population estimate monitoring and river flows. Emery-Miller, A.M., J. De Rito, J. Gregory, and D. Garren.

Fish community structure associated with bank stabilization on the metals-contaminated Coeur d'Alene River, Idaho. Gidley, C.A.

Ecosystem rehabilitation: restoring Kootenai River fisheries through maintaining a balance of nutrients. Hardy, R. and C. Holderman.

Application of the AQUATOX model on the Lower Boise River: A preliminary report. Harris, K., D. Bradley, B. Nydegger, R. Finch, D. Park, and T. Dupuis

Relative roles of habitat size, connectivity, and quality on occupancy of spawning patches by Chinook salmon. Isaak, D.J., R.F. Thurow, B.E. Rieman, and J.B. Dunham.

Evaluating affects of passage through the Columbia River hydrosystem on the survival and success of adult Chinook salmon using PIT tagged fish. Peery, C., C. Anderson, and B. Burke.

Testing recruitment failure hypothesis' by in-situ fertilization and release of Kootenai River white sturgeon eggs. Rust, P., T. Kiser, S. Richards, J. Siple, C. Lewandowski, and S. Ireland.

Monitoring Kootenai River white sturgeon migration and movement patterns with an array of fixed station sonic telemetry receivers. Rust, P., M. Neufeld, and S. Ireland.

## FRIDAY, FEBRUARY 17

### **Session: Lentic Habitat and Biota**

**Moderator:** Ned Horner, Idaho Department of Fish and Game,  
Panhandle Regional Fisheries Manager

- 8:00-8:10 AM Information and Introduction to session and presenters  
8:10-8:30 AM Movement and habitat use of bull trout in Arrowrock Reservoir. Carl Stiefel, Mathew R. Dare, and Tammy Salow  
8:30-8:50 AM Are bull trout and lake trout living in harmony in Lake Pend Oreille, ID? Tom P. Bassista, Melo M. Maiolie, Mike P. Peterson, and Chris C. Downs  
8:50-9:10 AM Lake Level Management to Enhance Kokanee Spawning. Melo Maiolie, Bill Ament, and Bill Harryman  
9:10-9:30 AM Spawning characteristics of a rainbow trout population in the Kootenai River Drainage, Idaho. Dean E. Holecek and Jody P. Walters  
9:30-9:50 AM Break

### **Session: Anadromous Fish**

**Moderator:** Pete Hassemer, Idaho Department of Fish and Game,  
Columbia River Policy Coordinator

- 9:50-9:55 AM Introduction to session and presenters  
9:55-10:15 AM A summary of recent Chinook salmon research from the Middle Fork Salmon River: What have we learned, where are we going? Daniel J. Isaak, Russell F. Thurow, Helen M. Neville, Bruce E. Rieman, and Jason B. Dunham  
10:15-10:35 AM Influence of stock size and streamflow on Chinook salmon production in the Lemhi River and Marsh Creek, Idaho. Jim Morrow and David Arthaud  
10:35-10:55 AM Origin of iteroparous steelhead from populations in the Snake River. Shawn R. Narum, Doug Hatch, Andre Talbot, Paul Moran, and Madison S. Powell  
10:55-11:15 AM The effects of temperature exposure on migration success and gamete quality of Snake River Chinook salmon and steelhead. Ryan Mann, Steve Lee, Christopher Peery, and Brian Burke  
11:15-11:35 AM Spring Chinook salmon, *Oncorhynchus tshawytscha*, survival to spawning associated with water temperatures in the Umatilla River, USA. Craig R. Contor, P. Kissner, and J. D.M. Schwartz  
11:35-11:55 AM Pacific lamprey distribution in the Clearwater System. Christopher W. Claire and Tim Cochnauer  
12:00 Adjourn and Executive Committee Meeting in Board Room

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## Nearby Fishing Opportunities

Brought to you by the Idaho Department of Fish and Game

### **Roberts Gravel Pond (near Roberts, ID)**

Directions: from IF exit 118 (Broadway), drive 17 mi N on I-15 to Roberts exit #135, turn right toward ROBERTS to stop sign at T, turn right and follow signs to Roberts GP next to interstate. You'll drive by the pond on the right when traveling N, but you have to go to Roberts to get there.

Fishing: Ice fishing good for trout 12-16" and small perch 5-6", occasional 7-9".



### **Ririe Reservoir (near Ririe, ID)**

Directions: from IF drive 18 mi NE on US-26 (towards RIRIE, Swan Valley, Jackson Hole), continue past the Subway/Sinclair, go couple of miles to Ririe Res/Tex Cr WMA sign. Turn right and follow signs to boat ramp.

Fishing: Ice conditions were iffy as of this writing (2-4"), but a few brave anglers near dam. Should be good for cutthroat and kokanee 12-16" if ice conditions improve. CHECK WITH SCHRADER OR GARREN FOR CURRENT ICE CONDITIONS.

### **South Fork Snake River**

Directions: several access points that are well marked - Lorenzo (US 20 highway bridge near Rigby), Twin Bridges (Archer Highway N of Ririe), Heise and Byington (US 26 past Ririe near Heise Hot Springs), Conant (US 26 at Swan Valley). Can also drive up Snake River Road (N side of river past Heise Hot Springs, follow signs on US 26 past Ririe) - not recommended for cars.

Fishing: Probably your best bet. Open water river fishing - 1,600 cfs as of this writing, but flows have been changing. Rainbows (no limits), browns (only 2 over 16"), cutthroat (C&R), and whitefish (25 any size). Use bead heads with indicator for whitefish and cutts, big streamers for browns. Try large silver spinners or black jigs for spin casting.

### **Mackay Reservoir**

Fishing: Has been very good for trout/kokanee through the ice if you are headed that way.

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# 2006 AFS OFFICER NOMINATIONS

## They Need Your VOTES!

At the annual business luncheon meeting on Thursday February 16, 2006 chapter members will vote for their leadership. Ryan Hardy, our Nominations Committee Chair, has identified the following extraordinary candidates.

### POSITION: Secretary/ Treasurer

#### Brian Kennedy

Brian is an Assistant Professor in the Department of Fish and Wildlife, College of Natural Resources at the University of Idaho. Brian and his family have been very recently stocked in Moscow, ID after a postdoctoral stint at the University of Michigan, graduate school at Dartmouth College in New Hampshire and a BS at Colgate University. Brian's work over the last 9 years has focused on foraging, bioenergetics and trophic interactions of juvenile salmonids in northeastern streams. Also, at this time he has been developing techniques for reconstructing fish movements and migratory behaviors using otolith and scale microchemistry. Before becoming a professional fish ecologist, Brian enjoyed fishing for recreation on the Great Lakes and good rivers in northern Ohio where he grew up. Brian is eager to apply his research interests and approaches to pressing issues in Idaho's aquatic habitats and looks forward to interacting with the state's scientists, managers, policy makers and fisherman. He is looking forward to becoming actively involved in the Idaho chapter of AFS in part because of his desire to do the most relevant science and to be the best educator possible. In exchange for the invaluable experience that being an AFS officer would provide to him, Brian hopes that he can contribute his own scientific interests, creativity and enthusiasm to help maintain a strong Idaho chapter.

#### Kathy Cousins

Kathy has been an AFS member since the mid-1980s when she worked for the Department of Fisheries and Oceans in the Salmonid Enhancement Program, Vancouver, British Columbia. In 1991, she received her undergraduate honors degree in Marine Biology from the University of British Columbia and won the AFS Best Student Paper Award at the Western Division of the American Fisheries Society Annual Meeting in Bozeman, Montana. In 1992, Kathy was a seasonal chair in the AFS North Pacific International Chapter Annual General Meeting in Bellingham, Washington. After attaining her M.Sc. in Animal Physiology from Simon Fraser University in 1995, Kathy worked for the Research Corporation of the University of Hawaii under the Joint Institute for Marine and Atmospheric Research. During this time, Kathy continued to support AFS by organizing an international symposium for the 1997 Annual National Meeting in Monterey, California. Kathy currently works for the Idaho Department of Fish and Game as a Staff Mitigation Biologist and would be honored to continue her service to AFS and the Idaho Chapter by serving as the secretary/treasurer.

### POSITION: Nominations Chair

#### Joe DuPont

Joe DuPont is a Regional Fishery Biologist for the Idaho Department of Fish and Game in the Panhandle Region where he has been since 2001. Prior to this, Joe had the good fortune to also work as a fishery biologist for the Idaho Department of Lands (1996-2001) and AVISTA Corporation (1994-1996). Joe received an M.S. Degree in Fisheries Resources and a B.S. in Zoology from the University of Idaho. Joe has been an active member of the ICAFS since 1991 and feels that it is time to help serve the organization that has benefited him so much over the years. Joe is interested in serving as the Nominations Chair and believes his diverse background and work experience with numerous other professionals will enable him to recruit chapter members that will have the ability to successfully lead the ICAFS in the years to come.

### **Chris Reign**

Chris currently is employed with the U.S. Fish and Wildlife Service in Boise and works on a variety of aquatic issues. He has worked for the Forest Service in Boise, Idaho City, Lowman, and Mountain Home, and also for the Shoshone-Bannock Tribes near Pocatello. Since 1992, he has been working on fish issues in Idaho since finishing a BS degree in Fishery Biology at Humboldt State University in northern California. Through the school of hard knocks, he has come to realize that conservation and restoration of precious aquatic habitats has as much to do with working well with people as it does technical knowledge. Technical knowledge we get from our education, and Chris wishes he would have had curriculum that at least increased his awareness that working with people would be central to successfully managing fish resources. Chris has stepped up to the plate to offer his services in furthering the mission of the Idaho Chapter AFS by willingly asking you to vote for him to take on the headaches of attempting to motivate others to add even more to their plate that continually seems to overflow.

### **POSITION: VICE PRESIDENT**

### **Dmitri Vidergar**

Dmitri is a Fishery Research Biologist for the Idaho Department of Fish and Game. Dmitri's appreciation for fish and the desire to study them came at the age of four when he caught his first fish. Since then Dmitri has earned a B.S. in Fish and Wildlife Management from Montana State University and a M.S. in Fish and Wildlife Resources from the University of Idaho. While at the University of Idaho Dmitri served as Co-President of the Palouse Unit and took a strong interest in developing the Public Education Program and increasing membership. Dmitri has been a member of the ICASF since he moved to Idaho in 1997. As a member of the ICASF he has helped with the Continuing Education Committee and served on the Anadromous and Fundraising Committees. Dmitri's work experience is as diverse as his hobbies taking him from one end of the state to the other. In his current position he enjoys working closely with hatcheries and different natural resource agencies to better Idaho's anadromous fishes and their habitat. Dmitri feels strongly that AFS is not only the strongest tool for students beginning a career in fisheries but also as a forum for all fisheries professionals to voice their concerns, share their expertise and expand their knowledge while helping others world wide to do the same. Dmitri would be honored to work with the EXCOM team and serve the chapter as the next ICASF Vice President.

### **Mary Faurot**

Mary would be honored to have your vote for Vice President, and looks forward to leading the chapter in the future. Mary has a B.S. in Biology (marine) from Florida State University. However, after working for awhile in warm oceans, she came to Yellowstone National Park as a naturalist and fisheries technician, and learned to love cold water, salmonids, fly-fishing, and mountains. She earned a Masters in Fish and Wildlife Management from Montana State University, then worked as a professional fisheries biologist for the Salish/Kootenai Tribe in Montana, for the US Fish and Wildlife Service in Kenai, Alaska, and for the Umpqua National Forest in Tiller, Oregon. She came to Idaho in 1993 with the Payette National Forest in McCall, where she remains to this day. She works with fish habitat management on national forests and with aquatic issues that have multiple acronyms (NFMA, NEPA, ESA, EIS's, EA's, BA's, BiOps). She regularly stands in as District Ranger and fire Resource Advisor, works closely with state, Tribal, Regional, Research, and Interagency biologists, and has recently completed stints at the Regional (Ogden Utah) and Washington DC Offices. She is an avid mentor to students and has been active with the AFS Hutton and Fish in the Classroom programs. Her diverse experiences have suited her for consistent AFS involvement on committees and the EXCOM in four different states. She was secretary-treasurer for Idaho AFS several years ago, and relished her role on the chapter EXCOM because she loves communicating and interacting with people, especially Idaho fisheries people. She would like to make a difference in fisheries not only as a fish biologist and mentor, but also as a leader in the Idaho Chapter AFS.

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## Committee Reports

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### Anadromous Fish

**Committee Chair: Jason Vogel Phone: 634-5290 Email: [jasonv@nezperce.org](mailto:jasonv@nezperce.org)**

The Anadromous Fish Committee will be shaping its direction as by adopting a mission statement at the 2006 Idaho Chapter AFS meeting in Idaho Falls. This committee in the past has developed and distributed 10,000 fish brochures statewide to educate the public about influence anadromous fishes have on the economic, biological, cultural aspects within the state of Idaho. 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.

Given these current activities, the Anadromous Fish Committee has lacked a mission statement necessary to guide and direct this committee. The adoption (by vote) of a new mission statement will bring clarity as to the purpose and intent of this committee. So with the importance of Anadromous Fishes in Idaho, it is imperative to get participation from YOU, the Idaho Chapter AFS members, to vote on this important issue. If you feel strongly about Anadromous Fishes and are unable to attend the Annual AFS meeting in Idaho Falls but still want to participate in this committee please email me at [jasonv@nezperce.org](mailto:jasonv@nezperce.org) and I will put you on the list.

I look forward to the participation of many of you this upcoming year and if you have any questions, comments, or suggestions please contact me at the above email address.

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### Fish Culture

**Committee Chair: Jeff Heindel Phone: 939-4114 Email: [jheindel@idfg.idaho.gov](mailto:jheindel@idfg.idaho.gov)**

Greetings from the Fish Culture Committee! The 2006 ICAFS Annual Meeting in Idaho Falls is almost here - in addition to the scheduled February 15-17 conference dates, *please add February 14 (Valentine's Day) to your calendar as a "must attend" date!* In addition to the cutthroat symposium offered Feb. 14, the Fish Culture Committee has once again arranged a "continuing education" course that should be of special interest to the aquaculture community (*note that all interests/disciplines are invited and welcome to attend*) . . . **Fish Nutrition 101**.

Ann Gannam (Fish Nutritionist - USFWS Abernathy Fish Technology Center) will be the instructor of this full-day event. General emphasis of the class will be on salmonid nutrition and cover such topics as history of commercial diets, feed composition, nutritional requirements of wild/hatchery stocks, feeding practices, current and future trends in production and broodstock diets. The material should cover approximately  $\frac{1}{2}$  -  $\frac{3}{4}$  of the day . . . Ann has agreed to make the afternoon session a "Q & A" type format - she will gladly field questions/address topics that are of special interest to the audience - *please feel free to forward ideas to me and I'll make sure they get addressed* (the sooner the better). Registration is limited to 40 participants and registration cost is \$20.00 per person (help cover instructor costs, meeting room, refreshments, etc.) and course materials will be provided. Registration fee will not cover lunch, but adequate time will be provided for a lunch break and eating establishments are in close proximity to the conference site. Check out the IDAFS website (<http://www.idahoafs.org/events.php>) for registration information - be sure to make room reservations early! Feel free to contact me if additional questions.

Diversity is the key to any organization . . . the Idaho Chapter AFS is doing our part to acknowledge this need by offering a wide-range of events and topics for our upcoming meeting - 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 Idaho Falls in February!!

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## Fundraising

Committee Chair: Art Butts Phone: 465-8404 Email: [abutts@idfg.idaho.gov](mailto:abutts@idfg.idaho.gov)

Committee Chair: Dmitri Vidergar Phone: 465-8404 Email: [dviderga@idfg.idaho.gov](mailto:dviderga@idfg.idaho.gov)

### Call for Donations

There is a week away and we really need to pick up the pace on donations. Put your thinking caps on and dig out all of those old gifts that you never used, prints that you don't display any longer or previous AFS raffle items that you have never used. This is a perfect opportunity to recycle them and make some money for the chapter.

Last year we were very fortunate to have some of our artistically talented members show up with artwork to donate. Those items were 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 ICAFS. 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 near the end of this newsletter. 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 Art Butts, 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.

Idaho Chapter American Fisheries Society  
c/o Art Butts  
1414 E Locust Lane  
Nampa, ID 83686  
(208)465-8404 or (208)890-1690

Or call, and we can make other arrangements

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## Membership

**Committee Chair: Tom Bassista Phone: 683-9218 Email: [tbassista@idfg.idaho.gov](mailto:tbassista@idfg.idaho.gov)**

Actively engaged in keeping the membership informed!!!

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## Mentoring

**Committee Chair: Bart Gamett Phone: 588-2224 Email: [bgamett@fs.fed.us](mailto:bgamett@fs.fed.us)**

The mission of the mentoring committee is to "*Promote the development of successful fisheries professionals through mentoring*". The Mentoring Committee is working to implement several action items relating to this mission. First, we have worked with the EXCOM to create three new scholarships and a student support grant for students attending Idaho schools. Second, we are working to encourage chapter member to be mentors. This is being done by 1) promoting the Hutton Program and 2) developing a mentoring web page which will be available soon on the Chapter website. Third, we are working to help chapter members become good mentors. This will also be done through the mentoring web page. Fourth, we are working to assist those considering or pursuing a career in the fisheries professions to find a mentor. This is being done through by 1) promoting the Hutton Program, 2) recognizing Hutton Students at the annual meeting, 3) inviting Hutton Students to the annual meeting, and 4) working to facilitate interaction between students and professionals at the annual meeting. Fifth, we are working to recognize outstanding mentors. This is currently being done by recognizing Hutton Mentors at the annual meeting. In the future, we will be developing a program to recognize outstanding mentors within the Chapter.

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## Native Fishes

**Committee Chair: Dan Garren Phone: 525-7290 Email: [dgarren@idfg.idaho.gov](mailto:dgarren@idfg.idaho.gov)**

The Native Fish committee had another productive year. Our 2005 native fish workshop took place on August 5<sup>th</sup> and 6<sup>th</sup> on the Big Lost River. The workshop focused on mountain whitefish, an understudied native of Idaho. Approximately 26 people attended to hear current research on the population in the Big Lost River drainage. Topics were varied, and centered on the possible causes for decline in the drainage and recovery efforts aimed at restoring the population. The presentations capitalized on the scenic beauty of the area, with powerpoint presentations shown on the side of the Forest Service guard station the evening of the 5<sup>th</sup>. Saturday the 6<sup>th</sup> was the field exercise, which involved tracking whitefish using radio telemetry, and snorkel surveys to document current range. Thanks to all who participated in setting up the workshop, presenting and attending (and especially those willing to snorkel in the river on Saturday!).

Several members of the committee are actively involved in fundraising for the Native Fishes of Idaho book by Don Zaroban. Fundraising efforts have been ongoing since last year, and are nearing completion. Another small push should put us over the top, and bring us one step closer to the first printing of the book.

We will also be planning the 2006 workshop in our committee meeting in February. These workshops typically focus on one of Idaho's native species or unique geographic regions. Past workshops have been conducted on Leatherside chub, Pacific lamprey, and the Big Lost whitefish. Anyone with an interest in hosting the workshop or with ideas on a species of interest should either contact me ([dgarren@idfg.idaho.gov](mailto:dgarren@idfg.idaho.gov)), or attend the committee breakout session at the annual meeting.

The committee identified four preliminary candidates for this year's Native Fish Conservationist of the Year award from which a winner has been selected. The winner will be announced at the annual meeting.

The native fish committee currently has about 25 members, most of who are actively involved in one form or another. We welcome all with an interest in Idaho's natives to come to our meeting at AFS this year. This will be a great opportunity to get involved with AFS or make suggestions on this year's workshop.

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## Public Education

**Committee Chair: Steve Elle Phone: 525-7290 Email: [selle@idfg.idaho.gov](mailto:selle@idfg.idaho.gov)**

**Committee Chair: Lauri Monnot Phone: 287-2755 Email: [lmonnot@idfg.idaho.gov](mailto:lmonnot@idfg.idaho.gov)**

Several items are in progress as this newsletter is published. Idaho Chapter has funded taxidermy of native fish species for a display at the Morrison Knudsen Nature Center in Boise. Included are mounts of mountain whitefish, chisel mouth, northern pike minnow, Columbia largescale sucker (a few of the native species that "get no respect"). Dave Cannamela is continuing to solicit specimens for the display...only requirement is they be a Idaho native fish.

Western Division AFS finally completed the cutthroat trout documentary during 2005. It is temporarily available on the Idaho website where you can download it for viewing. Education committee is currently trying to get Idaho PBS to air the video on the Boise station. If we are successful, we will also approach Pocatello and Moscow to air it in those markets. We anticipate getting a copy for each Fish and Game regional office for folks to check out statewide.

Earlier this year Idaho Chapter cooperated in funding (\$2000) a living stream at the Kamiah High School. This is an extension of Fish in the Classroom. Funding was a cooperate venture between US Fish and Wildlife Service and Idaho Department Fish and Game and ICAFS.

Native Fish Posters are available free for any educators statewide. If you know of a teacher that would want one, have them contact Steve Elle, 1414 E. Locust Lane, Nampa, Idaho 83686, [selle@idfg.idaho.gov](mailto:selle@idfg.idaho.gov) 208 465-8404(225). They are also available for purchase by the general public.

The committee also worked with the Idaho Department of Fish and Game on the publication of an issue of Wildlife Express focused on sculpin. Through the work of the committee, the Chapter contributed \$500 to cover the issues publication costs. Wildlife Express is a newspaper published nine times a year (September through May) by the Idaho Department of Fish and Game for upper elementary and middle school students. Each issue focuses on the natural history of one Idaho wildlife species and is written in an educational and entertaining fashion. The sculpin issue included facts about: sculpin biology, the winter ecology of fish, differences between cold and warm water fish and fish living in salt or fresh water, the importance of animal camouflage, and a short description of careers in fish biology. The Wildlife Express sculpin issue was released in January. It can be accessed from the Idaho Department of Fish and Game website <http://fishandgame.idaho.gov> by clicking on Wildlife Express from the Education link.

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## Riparian

**Committee Chair: Dan Kenney Phone: 764-3218 Email: [dkenney@fs.fed.us](mailto:dkenney@fs.fed.us)**

Committee-member Tim Burton put together a PowerPoint presentation titled "Livestock Grazing and Fish." The committee's project for this year has been to offer to give this presentation as a component of workshops put on by Cooperative Extension Offices and the like. This offer was recently tendered to each Idaho county's Extension Office and we are eagerly awaiting replies. The committee had previously recruited ICAFS members to make the presentation and will request additional volunteers at the 2006 ICAFS meeting. On a different topic, despite a long, glorious, and productive history, participation on the Riparian Committee in recent years has been minimal. If this trend continues in 2006, we will likely seek to merge with another committee. You've been warned.

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## Water Quality/Stream Hydrology

**Committee Chair: Doug Bradley Phone: 383-6278 Email: [dbradley@ch2m.com](mailto:dbradley@ch2m.com)**

Discussions with the outgoing chair (Sheryl Hill) found an apparent decreasing interest and lack of participation in the WQSH committee. So, in an effort to boost participation and add some zip to the annual committee meeting, we decided to offer short, special topics talks during the WQSH committee breakout.

Last year we discussed culvert standards within Idaho and learned about efforts by the Federal agencies to provide efficiencies to the culvert replacement process.

We also established a mission and goals for the WQSH Committee to provide interested folks with an understanding of the general direction of the committee. This information is available on the IDAFS/Committees link of the Chapter website.

The WQSH Committee breakout will include an update on last year's happenings with brief discussions this year's direction. This year's special topics speaker will be Rob Van Kirk (Idaho State University). Rob will talk about his research and experience in agriculture influences on native fishes. This year we have set aside more time for post-talk discussion among the committee and with Rob on our special topics talk (it was a bit rushed last year).

Look forward to a great meeting and I can be reached at my contact link on the WQSH Committee page (<http://www.idahoafs.org/committees/waterquality.php>). Be there or be square.

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## Idaho Chapter Leadership

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### 2006 Executive Committee

<b>President</b>	Russ Kiefer	(208) 334-3791	<a href="mailto:rkiefer@idfg.idaho.gov">rkiefer@idfg.idaho.gov</a>
<b>President Elect</b>	James Capurso	(208) 524-7500	<a href="mailto:jcapurso@fs.fed.us">jcapurso@fs.fed.us</a>
<b>Vice President</b>	Bart Gamett	(208) 588-2224	<a href="mailto:bgamett@fs.fed.us">bgamett@fs.fed.us</a>
<b>Past President</b>	Matt Powell	(208) 837-9096	<a href="mailto:mpowell@uidaho.edu">mpowell@uidaho.edu</a>
<b>Treasurer</b>	Liz Mamer	(208) 465-8404	<a href="mailto:lmamer@idfg.idaho.gov">lmamer@idfg.idaho.gov</a>
<b>Secretary</b>	Tammy Salow	(208) 383-2216	<a href="mailto:tsalow@pn.usbr.gov">tsalow@pn.usbr.gov</a>
<b>Nominations Chair</b>	Ryan Hardy	(208) 769-1414	<a href="mailto:rhardy@idfg.idaho.gov">rhardy@idfg.idaho.gov</a>
<b>Palouse Unit President</b>	Chris James	(208) 885-7139	<a href="mailto:jame0667@uidaho.edu">jame0667@uidaho.edu</a>

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### Committee Chairs

<b>Anadromous Fish</b>	Jason Vogel	(208) 843-7145	<a href="mailto:jasonv@nezperce.org">jasonv@nezperce.org</a>
<b>Fish Culture</b>	Jeff Heindel	(208) 939-4114	<a href="mailto:jheindel@idfg.idaho.gov">jheindel@idfg.idaho.gov</a>
<b>Fundraising</b>	Art Butts Dmitri Vidergar	(208) 465-8404 (208) 465-8404	<a href="mailto:abutts@idfg.idaho.gov">abutts@idfg.idaho.gov</a> <a href="mailto:dviderga@idfg.idaho.gov">dviderga@idfg.idaho.gov</a>
<b>Membership</b>	Tom Bassista	(208) 683-9218	<a href="mailto:tbassista@idfg.idaho.gov">tbassista@idfg.idaho.gov</a>
<b>Mentoring</b>	Bart Gamett	(208) 588-2224	<a href="mailto:bgamett@fs.fed.us">bgamett@fs.fed.us</a>
<b>Native Fishes</b>	Dan Garren	(208) 525-7290	<a href="mailto:dgarren@idfg.idaho.gov">dgarren@idfg.idaho.gov</a>
<b>Public Education</b>	Steve Elle Lauri Monnot	(208) 465-8404 (208) 287-2755	<a href="mailto:selle@idfg.idaho.gov">selle@idfg.idaho.gov</a> <a href="mailto:lmonnot@idfg.idaho.gov">lmonnot@idfg.idaho.gov</a>
<b>Riparian</b>	Dan Kenney	(208) 764-3218	<a href="mailto:dkenney@fs.fed.us">dkenney@fs.fed.us</a>
<b>Water Quality/Stream Hydrology</b>	Doug Bradley	(208) 383-6278	<a href="mailto:dbradley@ch2m.com">dbradley@ch2m.com</a>

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*AMERICAN FISHERIES SOCIETY*  
ORGANIZED 1870  
IDAHO CHAPTER



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.

Our activities are funded entirely by charitable contributions and fund-raising. All Idaho AFS 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. In the last year the Idaho Chapter has:

**We are in need of charitable contributions for our annual meeting and fundraiser**, which will be held February 15, 16, and 17, 2006, in Idaho Falls, 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](http://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. In the last year, some of our activities have included:

- Funding native fish displays for Project Wild, a traveling classroom that visits Idaho elementary schools, and additional educational displays at the Morrison-Knudsen Nature Center in Boise, visited annually by thousands of families and school children.
- Participating in fishing clinics statewide to introduce kids and their parents to the sport of fishing.
- Establishing statewide scholarships for high school, undergrad, and graduate students interested in fisheries-related fields.
- Completing an endowment for scholarships for students studying natural resources at the University of Idaho.
- Participating in "The Living Stream" programs throughout Idaho, which teach grade-school students about the life history of fishes and how to be good stewards of natural resources.

- Providing assistance with Idaho Salmon and Steelhead Days educational program for Idaho 4<sup>th</sup> graders.
- Reprinting “Rare Native Fishes of Idaho” poster and distributing them to Idaho 4<sup>th</sup> graders.
- Sponsoring a native fish workshop focusing on whitefish species in Idaho.
- Rewriting and updating the Fishes of Idaho reference book.
- Building a section on the Idaho AFS chapter website ([www.idahoafs.org/fishes.php](http://www.idahoafs.org/fishes.php)) to help the angling public identify Idaho's sportfish.

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 call either of us at (208) 465-8404.

Thank you for your continued support!

Sincerely,

Art Butts  
Dmitri Videgar  
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*

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## **“My Dad went to the ICAFS meeting and he finally brought something home for ME!!!!”**

My dad got me this cool black t-shirt with an exclusive Tomelleri drawing of a Duncan Creek Redband Trout. It's about time they had some stuff for us kids that are left orphaned for the week. My Dad says that this drawing was done for the upcoming Native Fishes of Idaho book and because of costs, only an extremely limited quantity of the shirts were made. I sure am glad he got one for me right away, 'cause there probably won't be any more made. It's like I always say, "You snooze, you lose, sucker!"



\$15 short sleeve and \$20 for long sleeve.

Sizes Available are Adult: S, M, L, XL, and XXL (add \$2) and Youth: S, M, L.  
Quantities are very limited so don't wait until the last day of the meeting.

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