



Gill Raker Gazette

The Newsletter of the Idaho Chapter of the American Fisheries Society

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President's Message: *Who Hears the Fish's Cry? We do!* By Ernest Keeley, ICAFS President

After working and living in Idaho for about 11 years now, I have always been impressed with the quality of biologists that Idahoans are fortunate to have working for them. Such levels of professionalism have also been evident to me in the Idaho Chapter of the American Fisheries Society. Our Chapter is very active and strong because of the people that have taken the time to participate and organize the activities that keep people interested in what we do. For my opening message as President of the Chapter, I would like to thank all members for participating in the Society and ask each of you to think about what you can do next to keep the Chapter healthy. For new members, that might simply be recruiting someone to attend our annual meeting or joining one of our eight committees. For people that have been around awhile, I might ask that you think about a position on the Execu-

tive Committee (EXCOM) that runs the Chapter. Without the efforts taken by a long list of members that have led our **Chapter, we wouldn't be** in the strong position that we are today. With the great pool of talent evident in many of the presentations I attended at our last meeting, I know we have many candidates out there. In our jobs we are continually asked to do more with less, but as a non-profit, non-governmental organization our Chapter is one of the few outlets available that can be used to highlight and illustrate issues important to Idaho fisheries and their conservation. Topics discussed at our committee meetings and presented in talks at our annual meeting have a habit of making their way into policy adopted by the State. Without this outlet, all of us would have a much more difficult time communicating new ideas for improving fisheries management and conserva-



Ernest Keeley, AFS President

tion in Idaho. Who hears **the fish's cry? We do,** because so many of us are passionate about fish and we care about protecting Idaho's fisheries and fish populations. Please think about bringing that interest in to help keep our chapter healthy. In 2013, our chapter will host the Western Division of AFS annual meeting in Boise. We can showcase our chapter by putting on a great meeting, but to do so, please remember how valuable your help is in completing that goal.





Recognize this artwork? It's from a past National AFS meeting. Know the year & location? Flip to the back page to find out!

ICAFS: Aquaculture Committee

By: Doug Munson

We had 24 attendees at the Aquaculture Committee break out session during the 2010 annual meeting in Pocatello. Many ideas were exchanged and we hope to get a lot accomplished in 2010-2011.

In response to the overwhelming interest in the disinfection portion of the ANS workshop (which was only touched on briefly in 2009), the committee is planning to host another pre-meeting workshop at the 2011 ICAFS annual meeting. This workshop will focus strictly on disinfection

products and procedures. We are already lining up speakers to teach this important concept. We look forward to another great turnout!

The Idaho aquaculture community has put together some presentations about careers in aquaculture that target university students. Dan Green (Eagle Hatchery, IDFG) and Cassie Sundquist (Clearwater Hatchery, IDFG) gave presentations focused on the field of aquaculture within the Idaho Department of Fish and Game. The goal was to give students some background

on the roles aquaculture play in fisheries conservation and management. These presentations demonstrated how hatcheries operate and the different responsibilities they have. And for those interested in pursuing a career in the field, an overview of what kind of jobs are available was discussed. And lastly, it is not too early to start thinking about nominees for the "Excellence in Aquaculture" award which is given at the annual meeting. A formal call for nominations will be sent out as we get closer to the 2011 meeting.

ICAFS: Fish Habitat Committee

By: Corey Lyman, Stephanie Hallock, & Dan Scaife

The newly formed Fish Habitat Committee held its first meeting at the 2010 ICAFS annual meeting in Pocatello, Idaho. The new committee was established by integrating the membership of the Water Quality/Stream Hydrology and Riparian committees. Co-chairs Stephanie Hallock and Corey Lyman facilitated the annual break-out meeting with the intent of integrating the two committees and creating a solid start for the new Fish Habitat Committee.

During this meeting we developed a new mission statement and new committee goals for 2010. Here is a look at the new mission statement selected by the committee:

The mission of the Fish Habitat Committee is to raise awareness of the important watershed processes that are essential to maintaining quality fish habitat. The intent of the committee is to provide support and information for fisheries professionals and others interested in managing, preserving and restoring fish habi-

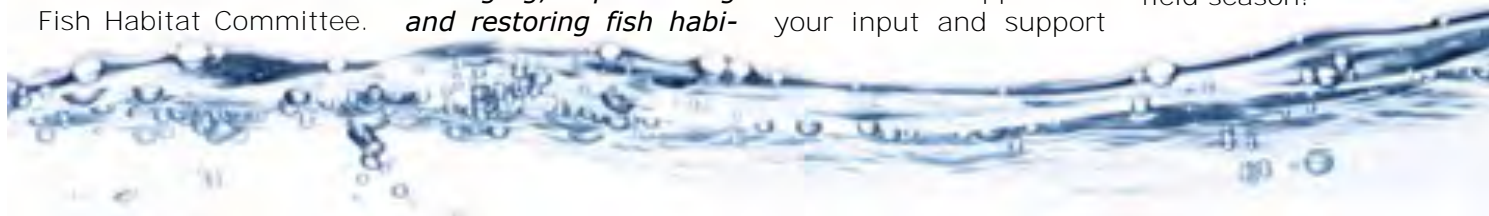
ty in Idaho.

In 2010 we were fortunate to have new chapter member Dan Scaife **join the committee's** leadership. For the next year Stephanie Hallock, Corey Lyman, and Dan Scaife will work together to help launch the new Fish Habitat Committee. Thanks for volunteering, Dan!

In 2010 we would like to extend a welcome to all chapter members searching for a committee to join or to participate in. With the formation of the new committee we would appreciate your input and support



to help accomplish our mission as well as serve the chapter membership. Get in touch with us if you have some great workshop ideas or habitat related projects that we could help with. **Together let's bring habitat back to the forefront of the Idaho Chapter!** We look forward to working with you in 2010 and have a great field season!



ICAFS: Portneuf Student Chapter Update

By: *Scott F. Collins*

This past May the Portneuf Chapter had a changing of officers at our annual club barbecue. I was happy to be elected the chapter's new president and Matt Green is the newly appointed vice-president. Two undergraduates have taken on positions as well. Sophomore Alex Bell is the new chapter secretary while Zach Wadsworth is the new treasurer.

While chapter activity slows down during the

summer, our members are quite busy working on an array of research projects across the state. My dissertation research is being conducted on tributaries of the North Fork of the Boise River, testing how nutrient mitigation tools affect consumers spanning from invertebrates to resident fishes. Alex, a technician at **ISU's Stream Ecology Center**, is assisting me with fieldwork throughout the summer. Matt is currently tracking tagged Yellowstone cutthroat

trout in the upper Blackfoot River down to the reservoir to determine if pelican predation is having an effect on trout populations. Zach is assisting on a range of projects in the ISU Fish Ecology Lab.

With the coming school year a few months away, we look forward to our continued efforts in educating the public on fisheries issues, as well as organizing our annual ice fishing derby, and inviting a distinguished guest speaker to ISU.

Student Corner



ICAFS: 2010 WDAFS Student Colloquium



By: *University of Idaho Palouse student subunit of AFS*

The Palouse student subunit of the American Fisheries Society at the University of Idaho is proud to host the 3rd Annual Western Division of the American Fisheries Society Student Colloquium from Thursday, October 14th to

Saturday, October 16th. Moscow, ID will be the site of research presentations, an insightful field trip, and networking in an all-student environment.

Thursday, October 14th: Welcome Social featuring food and drinks at the 1912 Center in Moscow, ID, from 6-9 pm. Professionals will be invited to enhance your networking opportunities.

Friday, October 15th: A full day jet boat tour of Hell's Canyon. Transportation, breakfast and lunch will be covered.

Saturday, October 16th: Student only oral presentations at the University of Idaho followed by a tour of the campus aquaculture facilities. A business lunch will be provided. Closing social will be

held from 6-9 p.m. at EcoAnalysts, Inc. and will include food and beverages.

Sunday, October 17th (optional): Opportunity to fly fish for Steelhead. You will need to bring your own gear and purchase an Idaho fishing license. Our experts can take you to some of the best fishing spots in the area. For more details, contact Tim Caldwell at cald3105@vandals.uidaho.edu.

Registration: To register, please email Jeff Reader (read5459@vandals.uidaho.edu) the following information: Name, phone number, AFS/School affiliation, when you will be arriving and departing, and whether you are presenting.

Cost: \$35/student before Friday, September 24th, and \$45/person after September 25th.

Presentations: If you are presenting (everyone is encouraged to present!), please submit a 200 word abstract by Friday, October 2nd to Amy Long (long8524@vandals.uidaho.edu). Abstract formatting guidelines are posted on our website.

We look forward to seeing everyone in Moscow! Questions? Contact Kelly Stockton at stoc4872@vandals.uidaho.edu or call (970)217-2245.

Visit PUAFS online at <http://www.cnr.uidaho.edu/afs/>



Student Corner

AFS Palouse Unit: Student Profiles



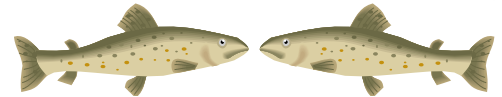
In mid-April, the Palouse Unit had their annual Wild Game Feed Fundraiser. In addition to local community members, nearly 100 students, faculty, and staff from the College of Natural Resources participated. There was a wide variety of interesting dishes and nobody went hungry. Thanks to everyone who participated, the event was a huge success and was a great fundraiser to help our unit in the upcoming academic year. PUAFS would also like to give a special thanks to the Idaho Chapter members who supported this fundraiser by either attending or donating auction and raffle

items.

Palouse Unit members volunteered at two community events this past semester, the Palouse Clearwater Environmental Institute's Paradise Creek Clean-up Project and IDFG Kid's Fishing Day on Hordman Pond in Moscow. The 3rd Annual Western Division Student Colloquium will be held in Moscow, Idaho this fall. Planning is underway for this event and funding requests are being submitted to ensure a good turnout. New officers were elected for the upcoming 2010-2011 year. Their profiles are featured below.



Kelly Stockton: President



What are you studying? I am working on my masters in Fishery Resources. My project is focused on developing a guide for hatchery managers to evaluate the risk of invasive aquatic mollusks. Laboratory and field work complement the guide by investigating the efficacy of Virkon Aquatic on invasive aquatic mollusks and the depletion rates of particles in a Burrow's Pond and Mixed Cell raceway.

Why are you involved with AFS? I am involved with AFS because the organization provides many opportunities for learning about fishery resources, networking, and leadership training.

Favorite Fisheries job? My favorite fisheries job was as an aquatic nuisance species field technician where I monitored reservoirs in Colorado for zebra and quagga mussels as well as New Zealand mudsnails.

Amy Long: Vice-President

What are you studying? I'm working toward a Ph.D. in Fishery Resources. My work focuses on the use of various diagnostic assays to evaluate vertical transmission of *Flavobacterium psychrophilum*, the causative agent of Bacterial Coldwater Disease.

Why are you involved with AFS? I chose to get involved with AFS as a means of learning more about fisheries in the Pacific Northwest, staying current on research, and furthering my career.

Favorite Fisheries job? My favorite fisheries job was working as a microbiologist in the Fish & Wildlife Health Group at the Florida Fish & Wildlife Research Institute.





Jeff Reader: Treasurer

What are you studying? I am working on my Ph.D. in Water Resources. My project is the effects of climate change and habitat alteration on life history and population characteristics of Chinook salmon in the Salmon River Basin, Idaho

Why are you involved with AFS? I am involved with AFS to contribute to the aquatic science research community and gain a greater understanding of fishery resources in Idaho and the Pacific Northwest.

Favorite Fisheries job? My favorite fisheries job was using rod and reel to collect striped bass in Nova Scotia, Canada for tagging.



Marius Mryvold – Graduate Representative

What are you studying? I am working on my Ph.D. in Water Resources. My study concerns the effects of water withdrawals on steelhead recruitment, growth, survival, and movements in the Lapwai watershed of North Central Idaho. This watershed was historically one of the more important contributors to steelhead production in the lower parts of the Clearwater River but its production has likely decreased due to these withdrawals as well as other encroachments to the streams. In particular, we will relate the variation in steelhead density, recruitment, growth, and survival to a suite of biotic and abiotic factors across this watershed to identify the drivers and mechanisms causing this variation.

Why are you involved with AFS? I think it is important to support the organizations that have the same value set and speak up for the same reasons as yourself. In the case of AFS this includes promoting research, ensuring knowledge-based management practices, and providing members with easy-to-access sources to stay up to date. As most fisheries and aquatic ecology students also should be aware of, a strong member organization that provides a common ground for academia and management professionals is important for future jobs. A strong student foundation within the society is critical for the recruitment.

Favorite Fisheries job? I've worked as a fisheries ranger for three summers in the very north of Norway, enforcing recreational fisheries regulations. Two months under the midnight sun on the coast of the Barents Sea with some amazing fishing for sea-run arctic char was a great experience!

John McCoy – Undergraduate Representative

What are you studying? I'm working on a Bachelor's Degree in Fish and Wildlife Resources.

Why are you involved with AFS? I'm involved in AFS to gain skills and contacts that hopefully will one day give me an advantage in my career. I also love fishing, fisheries, and anything that gets me out on the water.

Favorite Fisheries job? I've worked on a snorkel crew for two summers out of McCall so thus far that is my favorite.



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Student Corner **Kevin Netcher – Student Affairs Council Representative**



What are you studying? I'm working on a Bachelor's Degree in Fishery Resources.

Why are you involved with AFS? The American Fisheries Society gives me the opportunity to be part of an organization that is actively advancing our understanding of fish and the ecosystem in which they reside.

Favorite Fisheries job? My favorite fisheries position was with the Nevada Department of Wildlife doing extensive population and habitat surveys for Bonneville Cutthroat Trout in the Snake Range in Eastern Nevada.

Zach Penney— Graduate Advisor

What are you studying? I am a fisheries student in the second year of my PhD. As a Nez Perce tribal member, the protection, preservation, and restoration of indigenous fish species in the Northwest is deeply rooted within my cultural convictions and relationship to the land. Although I believe tribal, state, and federal agencies are generally working toward the common goal of restoring or preserving fisheries to sustainable populations, there is often cultural discontinuity between management strategies and goals. Personally, I am committed to bridging the cultural discontinuities in management perspectives. I believe that it is vital to have Native American scientists involved in these issues at a resource management level and as involved active constituents in the policy-making process.

Why are you involved with AFS? It is a society that I really respect. I was first introduced to the American Fisheries Society by my advisor, Dr. Molly Ahlgren, at Sheldon Jackson College in Sitka, Alaska. Together Dr. Ahlgren and I established the first student subunit of the American Fisheries Society at Sheldon Jackson campus, which I served as president from 2003 to 2004. As the first president, I drafted the mission statement and bylaws for the Sheldon Jackson subunit, as well as organized yearly fishing trips, invited speakers, and planned an annual "fish fry" fundraiser.

Favorite Fisheries job? My favorite fisheries job was as a weir technician at Klag Bay on the West Coast of Chichagof Island in Sitka, AK. I worked for the Sitka Tribe of Alaska from 2001-2006 at remote weir sites for 3-4 months every spring/summer. It was like having my own personal salmon stream which contained 5 species of Pacific Salmon. It was not uncommon to catch all five salmon species and steelhead within a summer. Plus, brown bears fishing behind the weir always made things interesting.



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AFS meeting. Know the
year & location? Flip to
the back page to find out!



Been to <http://www.idahoafs.org> lately?

If not, check it out!



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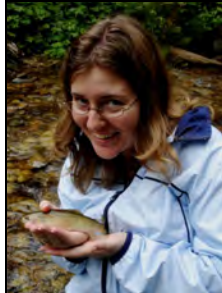
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National AFS Conference:

There's no place like Pittsburgh, Pennsylvania, for the 140th meeting of the American Fisheries Society. Join us downtown **September 12-16, 2010**, at the spectacular Westin Hotel and the David L. Lawrence Convention Center.

Pittsburgh is renowned for its arts, entertainment and recreational opportunities. With fabulous dining, world-class museums and innovative art galleries, Pittsburgh is one of the top travel destinations in the world. Sporting opportunities are diverse. Pittsburgh is home to Super Bowl Champion Pittsburgh Steelers, Stanley Cup Champion Pittsburgh Penguins and the Pittsburgh Pirates. On the water, enjoy fishing along Pittsburgh's river banks for bass and other game fish.

Explore beyond the city. You will find solace in the

mountains of western Pennsylvania for hiking or native brook trout fishing. Try white water rafting in the rapids of the Youghiogheny River.

The AFS 2010 Planning Committee is working diligently to develop a diverse and intellectually inspiring program as well as relaxing, enjoyable social events where you can renew old friendships and meet new colleagues. The meeting theme - "Merging our Deeper Currents" - couldn't be more appropriate for the city at the confluence of the Allegheny, Monongahela and Ohio rivers. We are developing a meeting that will bring together diverse interests and experiences to enrich participants. We look forward to seeing you in September 2010.

Go to <http://www.fisheries.org/afs10/index.php> for all the details about this years meeting!

All information taken from www.fisheries.org

Up for Grabs: NEW Chiller for your Trout in the Classroom program tank

Are you planning to join the Trout in the Classroom program this year? Perhaps you are already raising fish and have been using the redneck chiller (frozen bottle) method and would like a luxurious automated chiller.

EXCOM has generously allocated funds to purchase a new chiller for one lucky classroom this year. We know this is a much sought after commodity so the Public Education Committee has developed application criteria to help us decide the most deserving classroom.

To learn about the application process please contact Lauri Monnot at:

1445 North Orchard Street
Boise, Idaho 83706
(208) 373-0461

or at Lauri.Monnot@deq.idaho.gov



Look for the next issue of the Gill Raker Gazette this fall. Submit articles to Dmitri Vidergar at dvidergar@usbr.gov

Past National AFS Logos:



Anyone know?
1998



Arizona,
1998



Quebec,
2003



Ottawa,
2008

