



Gill Raker Gazette

The Newsletter of the Idaho Chapter of the American Fisheries Society



President's Message,

Our Great Cause

I want to start my first presidential message by thanking you for the opportunity to serve as the Idaho Chapter President. I also want to thank you for your membership and work in the Chapter. I take this responsibility very seriously and it is my desire to work hard to serve you, the Chapter, and our fish and aquatic resources. I believe strongly in the great cause of the American Fisheries Society. I believe that it is critical that all of us understand the mission and objectives of the Society and Chapter. The mission is to:

- *Improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.*

The objectives are to:

- *Promote the conservation, development, and wise use of the fisheries*
- *Promote and evaluate the development and advancement of all branches of fisheries science and practice*
- *Gather and disseminate to Society members and the general public scientific, technical, and other information about fisheries science and practice through publications, meetings, and other forms of communication*
- *Encourage the teaching of fisheries science and practice in colleges and universities and the continuing education and development of fisheries professionals.*

These statements provide the foundation for the work of the Society and Chapter. Indeed, all that we do should be focused on achieving the mission and objectives. I encourage all of us to review them regularly so that we have a clear vision of what we are striving to accomplish.

I am strongly committed to achieving the mission and objectives. In the past, the Chapter has done a tremendous job in moving them forward and it is my desire to continue that effort as President. I would like to do this by continuing to support our existing work and by focusing on four emphasis items. These are:

- *Assisting Mary Faurot in putting on a quality meeting in 2008*
- *Strengthening and empowering our committees*
- *Helping members more effectively orally communicate fish information*
- *Increasing efforts to inform the general public about fish related issues*

I believe that as we move forward with our existing work and these four emphasis items we will make significant advances in accomplishing the mission and objectives of the Society and Chapter. I invite each of you to join with me in this effort and in moving forward the great cause of the American Fisheries Society. As we do, we will improve the conservation and sustainability of fishery resources and aquatic ecosystems. Have a safe and productive summer!!!

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2008 Annual Meeting—First Call for Papers!



Join Us for the 2008 Idaho Chapter Annual Meeting on February 6-8 at:

The Red Lion Templin's Inn on the Spokane River

414 East First Avenue, Post Falls, Idaho 83854

(208)773-1611 or (800)733-5466

Plenary Session Theme: Impacts of Climate Change on Idaho's Fishery Resources

Other session topics to include Supplementation, Watershed Restoration, and more!

Culvert Design and Culture Workshops on February 5, 2008

Reservations can now be made by telephone. For online reservations....check the ICAFS website soon! Rooms will be available at government rates, so please indicate that you are with AFS.



The deadline for paper submission will be November 30, 2007. Please submit papers (using the guidelines on the ICAFS website) to Mary Faurot, 2008 Annual Meeting Program Chair, at mfaurot@fs.fed.us.

Planning Ahead? 2009 Annual Meeting Dates Set

Though we're not quite ready to call for papers, we have set the dates for the 2009 annual meeting. The meeting will once again be held in Boise at the Doubletree Hotel, Riverside. Meeting dates will be Wednesday, March 4 through Friday, March 6th. The dates were chosen to accommodate Jazz fans (not of the Utah variety) and spring-breaking students. We also have space available for workshops on Tuesday, March 3, so please be thinking of topics.

Other Upcoming Events

137th Annual Meeting of the American Fisheries Society

- September 2-6, 2007
- San Francisco, CA

<http://www.fisheries.org/sf/>

Wild Trout IX
NEW CONFERENCE DATES!
 October 9-12, 2007
 Holiday Inn, West Yellowstone, MT



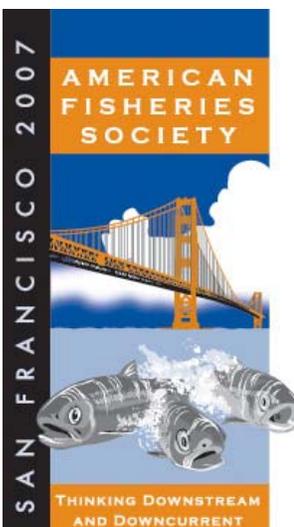
Wild Trout IX

- October 9-12, 2007
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<http://www.wildtroutsymposium.com/callforpaperWT9.html>

"Sustaining Wild Trout in a Changing World"

[Registration](#) [Contact us](#) [Home](#)



Native Fishes Workshop

- See page 3

Salvelinus confluentus Curiosity Society Workshop

- See page 4

Native Fishes Workshop to be Held on the Kootenai River

A Native Fishes Workshop will be hosted by Vaughn Paragamian, Eric Stark and a cast of other competent scientists in the Kootenai River drainage this summer July 23-26, 2007. The first and last days are scheduled as travel days. The focus will be on native species in the Kootenai River including slimy and torrent sculpin, longnose sucker, and possibly burbot, white sturgeon, and lake chub. We'll also search for the elusive lake chub in the Kootenai River and local tributaries. Visit the beautiful Kootenai National Wildlife Refuge where the moose are moose and coyote are thought by some to be timber wolves. Explore the rugged Selkirk Mountains where the caribou and griz hang out.

The Idaho Department of Fish and Game has a field station on the Kootenai National Wildlife Refuge with sleeping accommodations for up to 10 and a nearby trailer for more.

Cost will be nominal and depending on attendance we may have two or more field parties to tributaries, field sampling with gill nets for white sturgeon, boat electrofishing for sucker species and lake chub (reported but not documented in recent years), and a possible trip to Sinclair Lake in search of juvenile burbot as a result of extensive culture experiments. Social activities are planned for evenings. Contact Vaughn Paragamian at (208) 769-1414 or vparagamian@idfg.idaho.gov.

How to Get There

The field station will be the rendezvous point and is located about five miles west of Bonners Ferry, Idaho near the base of the Selkirk Mountains in the Myrtle Creek drainage. Traveling north on highway 95 go into Bonners Ferry, most of the way through town, just before crossing the Kootenai River take an immediate left and

then an immediate right onto riverside road. Riverside follows the Kootenai River west to what is locally known as the West side road. Follow riverside several miles out of town, it will cross Deep Creek at the border with the Kootenai National Wildlife Refuge (a boat launch and access on the river can be seen to the right), the road winds around a few curves through the Kootenai National Wildlife Refuge and after about a mile takes a sharp right to the north (at that point it is known as the West side Road). After about an eighth of a mile the Kootenai National Wildlife Refuge headquarters will be on the right, just as you pass the headquarters there will be an access road to the right immediately before the bridge over Myrtle Creek. Follow this road east and you will pass through an open gate head 200 yds further east and there will be a boat shed and an off white yellowish manufactured home. That is the field station.

When: July 23-26

Where: IDFG Kootenai River Field Station, Bonners Ferry

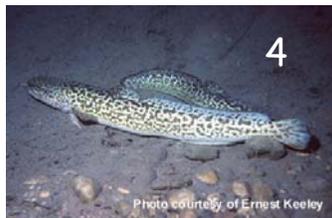
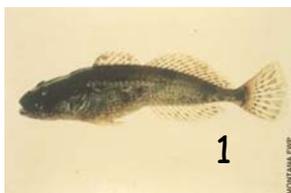
Contact: Vaughn Paragamian (vparagamian@idfg.idaho.gov)



This years workshop will focus on native fishes of the Kootenai River drainage such as slimy and torrent sculpin, longnose sucker, burbot, white sturgeon, and the elusive lake chub.

Do you Know Your Kootenai River Native Fishes?

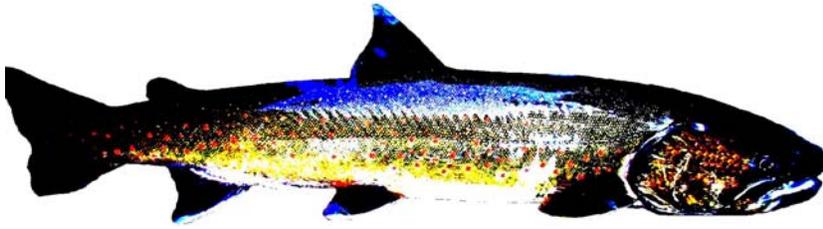
(match the description to the picture)



- A. This gadid has a circumpolar distribution, but in Idaho it is found only in the Kootenai River drainage. It is easily identified by the single chin barbels and its extremely elongate body shape. If you miss this one, drop everything and get to the workshop!
- B. In Idaho, this cyprinid is found only in the Kootenai River drainage. Despite the name, it is typically found in rivers and small streams.
- C. This fish is found in Idaho mainly in the Kootenai drainage, but also occurs in the Spokane and Pend Oreille drainages. It has a large ventral mouth with fleshy, papillae covered lips. Oh...and it has a long nose.
- D. This cottid is characterized by a large head and robust anterior body, tapering to a narrow caudal peduncle. It is found in the Kootenai, Pend Oreille, Spokane, Clearwater and Salmon river drainages.
- E. This cottid is found in the Kootenai and Pend Oreille drainage. It has a large, flattened head and no palatine teeth.

check your knowledge on page 5

You're Invited... to the Salvelinus Confluentus Curiosity Society Workshop



When: August 22-24, 2007

Where: Perkins Lake, Idaho

Contact: Dan Kenney
(dkenney@fs.fed.us)

Perkins Lake is one of the glacial moraine lakes at the head of the Salmon River in the Stanley Basin, at the foot of the spectacular Sawtooth Mountains. The meeting is being organized by the Sawtooth National Forest (www.fs.fed.us/r4/sawtooth/), with the facilities provided by Camp Perkins (www.campperkins.org/online_tour.cfm).

Organizational Lead: Dan Kenney, dkenney@fs.fed.us, (208) 764-3218

Presentation Lead: John Chatel, jchatel@fs.fed.us, (208) 737-3218

Field Day Lead: Jeb Wofford, jwofford@fs.fed.us, (208) 727-5034

There is still room for oral presenters, so please contact John Chatel (contact info above) if you would like to make a presentation. Please also consider poster presentations— there is essentially no limit to the number of posters

Camp Perkins is primarily a summer camp for children and families, so they provide for fairly large numbers of people every day while in operation. Our deal with Camp Perkins is that they provide the facilities and food (five meals) for the meeting for a flat fee per person, whether the attendee stays at the camp overnight or not. This fee includes the use of meeting, sanitary, and recreational facilities (these are detailed at www.campperkins.org/online_tour.cfm) and space for tent or other self-contained camping. For \$20 additional, attendees get a bunk with linens in a multi-bunk cabin for the two nights of the meeting. So, the registration fee includes the administrative costs of the meeting, use of the facilities, food, and a souvenir, while the bunkhouse lodging is an additional \$20 per person.

Please register as soon as you are able, as we are on the hook for a fair sum of money and would like to get at least partway out from under it soon. Please make check payable to "Dan Kenney--ScCS 2007." (Please be sure to include the "ScCS 2007" part or I'll not have a good explanation for the IRS). I will send receipts via e-mail, unless you prefer a hand-written one; the latter will be available at the meeting.

Thursday, August 23 is the field day. Activities we currently have planned include backpack snorkeling, electrofishing, redd counts, and possibly a tour of fish habitat improvement projects on the Sawtooth National Recreation Area. With the exception of the last, this is field work that will benefit the programs of the Sawtooth National Forest or Idaho Fish and Game, i.e., not a boondoggle. Participation is not mandatory, but it will give the desk-bound among us an infrequent opportunity to see and possibly touch some real live bull trout. Participants should bring appropriate personal gear (see below) for the activities.

- Backpack electrofishing gear (chest waders [preferred] or hip boots, polarized sunglasses)
- Stream snorkeling gear (dry suit or heavy full-length wet suit with hood, mask, snorkel, gloves, etc.)
- Redd counting gear (chest waders or hip boots, polarized sunglasses)
- SNRA fish habitat project tour (rapt or admiring gaze, softball questions)

OTHER ACTIVITIES

The Sawtooth Valley and Sun Valley areas have more things to do than you can shake an anode pole at. People come from all over the world to sightsee, hike, camp, river-raft, mountain-climb, and fish on the Sawtooth National Forest. The Ketchum/Sun Valley area has a myriad of cultural activities such as art galleries, plays, and nightlife. You might even see Gov. Schwarzenegger guzzling gas in one of his Hummers or Bruce Willis violating the Clean Water Act. (I once almost ran over Helen Hunt while she was jaywalking--thrilling.)

So, if there is anyone you often travel with who breaks out in hives at the mention of binomial nomenclature, please consider that (apart from the name of the thing) they can totally avoid this by keeping busy with other stuff and staying away from the rest of us. Please be warned, however, that motorists making left turns in the Sun Valley area are required to be simultaneously making a cell phone call. It's the law—don't get a ticket.



"Not Just a Fish Story—The History of the Idaho Chapter of the American Fisheries Society" is Complete!

"History is the only laboratory we have in which to test the consequences of thought"

—Etienne Gilson

The Idaho Chapter now has its very own historical account. It was written by Josh Bernard, a history major from Boise State University. Josh not only did a remarkably thorough job of chronicling the creation and evolution (or should I say "intelligent design") of the Chapter, but he clearly has a gift for injecting a human-interest component into his

writing.

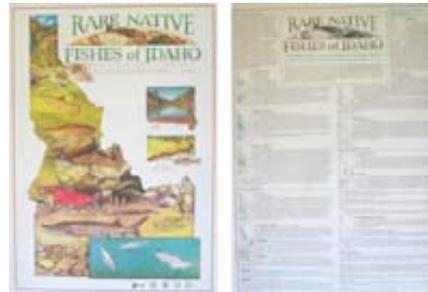
The project was initiated by Jim Capurso, who recognized a need to capture the rich and interesting history of the Idaho Chapter while we still have access to many of the great men and women who've formed the Chapter since its inception in 1963. Josh captures the essence of the Chapter as it grew

from a small gathering of 35 fisheries workers in 1963 to over 250 active members and two student sub-units.

If you haven't already seen the document, please take some time to read about our history. *The History of the Idaho Chapter of the American Fisheries Society* is posted on the ICASF website.

Have you Checked out the On-Line Store?

For those of you who aren't regular visitors to the ICASF website, or who spent all of your money on raffle items and beer at the annual fundraiser, don't forget that you can still sport some of the trendiest fish scientist gear going! Simply go to <http://www.idahoafs.org/store.php> and high fashion is just a mouse click away. If you're not the hat wearing type, and are more into fine art, perhaps a Tomelleri cutthroat print or a Native Fishes of Idaho poster is for you. The Chapter has recently embraced the credit-card age and will happily accept your charge card.



Answers to Fish ID Quiz

- A-4 (burbot *Lota lota*)
- B-5 (lake chub *Couesius plumbeus*)
- C-3 (longnose sucker *Catostomus catostomus*)
- D-1 (torrent sculpin *Cottus rhotheus*)
- E-2 (slimy sculpin *Cottus cognatus*)

If you got them all correct, you're well prepared to contribute to the Native Fishes Workshop

If you missed more than one, you would probably benefit from the Native Fishes Workshop

If you missed the first one, not only should you attend the native fish workshop, but you should make arrangements to spend an entire day with Vaughn (the Codfather) on "All you ever wanted to know about burbot, but were afraid to ask"



2007 Annual Meeting Summary

As told by Brian Kennedy

"No conference group drinks as much beer as you folks," said the hotel manager at the conclusion The Idaho Chapter of the American Fisheries Society that met in Boise in February 2007. And so it was, *another superlative distinction* for a thirsty chapter that hosted its largest meeting yet and whose membership continues to grow! The meeting itself passed a growth threshold, with 270 registrants and over 50 plenary and contributed talks over 2 and a half days, that we were required to host concurrent sessions. Although, concurrent sessions regrettably preclude the ability to see every presentation (a proud tradition of collegiality and congeniality), it seems a small price to pay for extremely positive growth and development in the chapter. Each of the two university chapters (Palouse and Portneuf - new in 2006) faced a significant drive to get to Boise but managed to bring about 30 students collectively.

As in past years, the meeting was preceded by a workshop built around a topic of regional fisheries concern. This year's workshop focused on fish health, entitled "Current and Emerging Pathogens of Fish in the Pacific Northwest." The workshop was led by Idaho Chapter AFS members Dr. Ken Cain (University of Idaho) and Dr. Keith Johnson, Doug Burton, Doug Munson and Jeff Heindel (IDFG) and Laura Kessel-Hawn (USFWS), and attracted many of the regional experts in this field. Over 30 fish biologists from many institutions and agencies throughout the state participated. The plenary theme for the entirety of Day 1 was Diversions, Dams and Fish. In this case, even the best screens couldn't keep the ICAFS meeting attendees out. The day of talks, a plenary session in the morning and contributed papers in the afternoon, was at maximum capacity.

The meeting presented an opportunity to recognize an outstanding lineup of fisheries professionals in the state. Dave Burns received a lifetime achievement award for his 30+ years of service in fisheries in the Payette National Forest with the USDA - Forest Service. The RL Wallace Native Fish Conservationist of the Year award went to Virgil Moore for his dedicated and inspired achievements as lead of fisheries at Idaho Fish and Game. Finally the mentoring committee, presented their first mentor award to the notoriously loquacious Steve Elle, Idaho Fish and Game, supporting the notion that it's not *what* you say, but how (much) you say it. We had a great list of candidates for EXCOM positions to become active following the meeting. Jim Fredericks (IDFG) will be the new Vice President, Matt Davis (USFS) will be the new Secretary, and Tom Bassista (IDWR) will be the new Nominations Chair. Congratulations to all of the future leaders and thanks to all who ran for these important positions.

A student presentation award went to Nate Jensen, a recent graduate from the University of Idaho, for his work on the cryopreservation of burbot semen. In short, this study showed that a solution of 20% methanol improves fertilization rates for burbot, which should come as no big surprise to those who know something about the effects alcohol compounds on human reproductive success. At the professional level, our warm welcome of visitors was manifest in the awarding of the best paper to Mike Han-

sen (U. Wisconsin - Steven's Point) for his sabbatical work on Lake Trout in Pend O'Reille. However, several of us will be paying a visit to the Wisconsin Chapter annual meeting next year to try to win the award back.

The students hosted their annual pizza mixer which was a hugely successful way for students and young professionals to meet the some of the more established fisheries professionals in the state. Ideas were shared, networking happened, several employment opportunities were discovered and only a couple of jobs were lost during this annual gala affair. The pizza joint *fortunately* had also remembered this group from previous years and had an extra keg in store for an emergency, which, as it happens, did occur.



Past President Russell Kiefer (brown pants), President Jim Capurso (blue pants), and President Elect Bart Gamett (white pants), award Dave Burns (no pants) the Lifetime Achievement

Committees continue to be extremely active in the Chapter and chapter members divide their attendance and commitment evenly across focal areas that range from Anadromous and Native Fishes to Riparian Systems and Water Quality to Mentoring and Education. The committees developed new mission statements and have high goals for the upcoming year, including, for many of them developing workshops and plenary sessions for our next annual meeting - Post Falls in early February 2008. As we look forward to next year, the registration door prizes, a beautiful travel mug, will be serve as a constant reminder of the qualities and values that embody fisheries professionals worldwide; industrialism (e.g. gluing lids in our basement shops), professionalism in behavior and attire (e.g. coffee stained clothing), and practical sensibilities and down-to-earthness (e.g. doing our own laundry). Looking forward to seeing you in 2008.

Editors note: Thanks for the great write-up, Brian!!

Palouse Unit Preparing to Celebrate 30 Years!

DID YOU KNOW.....?

The Palouse Unit was the first student sub-unit in AFS history

Congratulations to the past and present students and advisors of the Palouse sub-unit for 29 years and counting!

Dean Holecek, President

We are in the planning stages of an exciting year, as 2008 will mark our 30th anniversary as a student club. In fact, we are the oldest (i.e., first) student sub-unit in AFS history! Another amazing fact is that Dr. Christine Moffitt has been this club's adviser for 26 of those 30 years; the amazing part being that she is not a day over 29! Anyway, we hope to have some exciting guest speakers later this fall and early next spring. In addition to that we are planning a sturgeon fishing trip, a fish tagging clinic, redd surveys, Kids fishing day, our annual wild game feed, and some sort of 30 year celebration. If any of this sounds like fun to you, if you have an idea about a good 30 year celebration, or you want to be involved as a guest speaker to our club please contact Dean Holecek (holecek@vandals.uidaho.edu) or Dave Ayers (ayer9139@uidaho.edu).

The Palouse Unit AFS elected the next group of officers to lead the club for 2007-08:

Club Adviser: Dr. Christine Moffitt

President: Dean Holecek

Vice President: Dave Ayers

Secretary: Tarah Johnson

Treasurer: John Erhardt

Graduate Rep: Adam Kautza

Undergraduate Rep: Andrew Gibbs

Student Affairs Rep: Christine Maxwell

Graduate Adviser: Jordan Nielsen

2007 ICAFS Officers and Committee Chairs

2007 Executive Committee

Bart Gamett, President	(208) 588-2224	bgamett@fs.fed.us
Mary Faurot, President Elect	(208) 634-0618	mfaurot@fs.fed.us
Jim Fredericks, Vice President	(208) 525-7290	jf Fredericks@idfg.idaho.gov
Jim Capurso, Past President	(208) 557-5780	jcapurso@fs.fed.us
Brian Kennedy, Treasurer	(208) 885-5171	kennedy@uidaho.edu
Matt Davis, Secretary	(208) 769-3049	madavis01@fs.fed.us
Tom Bassista, Nominations Chair	(208) 525-7161	Tom.Bassista@idwr.idaho.gov
Dean Holecek, Palouse Unit President	(208) 304-9484	holecek@vandals.uidaho.edu
Ryan Bellmore, Portneuf Unit Pres.	(541) 729-6374	belljame@isu.edu

Committee Chairs

Jason Vogel, Anadromous Fish	(208) 843-7145	jasonv@nezperce.org
Brian Grant, Culture	(208) 588-2219	bgrant@idfg.idaho.gov
Mike Peterson, Fundraising	(208) 465-8404	mpeterson@idfg.idaho.gov
Ed Schriever, Fundraising	(208) 799-5010	edschriever@idfg.idaho.gov
Rob Ryan, Fundraising	(208) 324-4359	rryan@idfg.idaho.gov
Tom Bassista, Membership	(208) 525-7161	Tom.Bassista@idwr.idaho.gov
Kevin Meyer, Mentoring	(208) 465-8404	kmeyer@idfg.idaho.gov
Dan Garren, Native Fishes	(208) 525-7290	dgarren@idfg.idaho.gov
Lauri Monnot, Public Educations	(208) 373-0461	lauri.monnot@deq.idaho.gov
Corey Lyman, Riparian	(208) 557-5838	clyman@fs.fed.us
Jason Kent, Water Quality/Str. Hydr.	(208) 387-7016	jason.kent@hdrinc.com

Visit our website at

<http://www.idahoafs.org>

