



AMERICAN FISHERIES SOCIETY
ORGANIZED 1870
IDAHO CHAPTER



GILL RAKER GAZETTE

Volume 17, Number 1
January 1997
James Chandler, Editor

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PRESIDENT'S MESSAGE

Chip Corsi

Advocacy, defined as arguing or pleading for a cause, proposal or position, is one of the few terms which always seems to elicit an opinion from AFS members. To advocate or not to advocate is a discussion oft held when AFS members gather, and at least in recent years has resulted in more than a little divisiveness among AFS membership at the Chapter, Division, and Parent levels. Typically these discussions are focused on whether or not an AFS unit should take a position on an environmental issue which has the potential to affect fishery resources.

The *Standards of Professional Conduct for Members of the American Fisheries Society*, states that "first and foremost, members accept the

In the Idaho Chapter, we have had heated debates on whether or not to take positions on a number of issues. Concerns are often raised over the adequacy of the information used to base a position

responsibility to serve and manage aquatic resources for the benefit of those resources and of the public, based on the best available scientific data...", and that members are to "make professional recommendations and decisions to benefit fishery resources and the public...". Advocacy proponents may cite these directives in arguing their position, while advocacy opponents may take the view that as scientists, we need to strive to maintain objectivity, and that deciding (for instance) what will best serve the public is an endeavor best left to politicians and policy makers.

Do we go too far, or not far enough in the advocacy arena?

on. All too frequently, the biological sciences force us to rely on inference rather than deduction when drawing conclusions as to whether or not a position is supportable or not. Different individuals have

different comfort levels when deciding whether or not to draw a conclusion based on available information. Many fishery researchers, for example, conduct their research in a fashion which requires attainment of a 95% level of significance before they are willing to accept or reject the apparent results of a study. Managers, on the other hand, may be forced into making a decision without the luxury of this level of confidence, and more than once it has been suggested that the 80% level of significance is adequate and appropriate for basing management decisions.

I believe the AFS Code of Practices and Ethics, and the AFS Constitution, give clear direction that as professionals, we are to promote the conservation and wise use of aquatic resources. There is also clear direction to do so in a credible, scientifically based, manner. Advocacy then, in this broad sense, is part and parcel to the AFS mission. But which aquatic resources do we advocate for when there is clearly conflict between resources, and at what level do we conclude the information adequate? As scientists who are trained to strive for objectivity, making these kinds of subjective decisions goes against the grain, in part because it forces us to acknowledge our personal biases.

There are two concepts which help guide my approach to these questions. The first is found in the teachings of Aldo Leopold, who wrote "A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends to do otherwise" and, in reference to the parts of a biotic system, "To keep every cog and wheel is the first rule of intelligent tinkering." Leopold was highly respected as a scientist, and used his experience and the available information to successfully and credibly champion the cause of conservation. The second is found in the adage that often the best fruit is found furthest out on the limb. I do not advocate taking unnecessary risks to go out on the limb, but there are times when careful risk management allows you to reach the end of the limb, and the fruit, successfully.

AFS members should strive, individually and collectively, to ensure that the best possible

Lodging

The Owyhee Plaza is offering a special conference

information, and the potential consequences of using or not using that information, is made available to the public and decision makers. We must be careful to present all sides of an issue, and strive for satisfactory peer review. And, when the preponderance of evidence and circumstances dictate, I believe we must be prepared to take a position consistent with the direction of AFS policy to promote the conservation, development, and wise use of fishery resources. As members, you have the ability and responsibility to guide your Chapter and the Society in this often difficult arena. Do we go too far, or not far enough in the advocacy arena? Find out where nominees for Society officers stand on the advocacy issue, and give due consideration to this issue when you cast your vote.

1997 ANNUAL MEETING LATEST INFORMATION SECOND CALL FOR PAPERS

Tim Cochnauer

There are still a few slots open in the Agenda for presentations. A preliminary Agenda is provided in this issue of the Gillraker. If you are interested, contact Tim Cochnauer **as soon as possible**.

Contact: Tim Cochnauer
Idaho Department of Fish and Game
1540 Warner Ave.
Lewiston, ID 83501
Phone: (208) 799-5010 (Office)
FAX: (208) 799-5012
E-mail: tcochnau@idfg.state.id.us

Location

The 1997 annual meeting of ICAFS will be in Boise starting Thursday, February 27 and ending Saturday March 1 at the Owyhee Plaza. The Owyhee Plaza is located at the intersection of 12th St and Main St. in downtown Boise.

rate for ICAFS registrants. The cost per night is \$54.00 /single, with an additional \$10.00 per additional occupancy. The special conference rates begin on the evening of February 25 for those who

are planning to attend the Workshop on Wednesday, February 26. Reservations can be made by contacting the Owyhee Plaza at 1-800-233-4611. The Owyhee Plaza will give ICAFS a break on meeting costs if enough reservations are made, so make your reservations soon!

Pre-Registration

Two pre-registration forms are included in this newsletter. Please fill out the form and mail with your check enclosed, no later than February 17 to the address indicated on the form. Please act fast - there is little time between receipt of this newsletter and the meeting. As in the past, all pre-registrants will be entered into a drawing for a framed print to be given away at the business meeting. Only pre-registrants will be entered into the drawing. Pre-registrants will also get a \$5.00 price break in registration costs.

If you haven't paid your National dues at the time of the meeting, you can pay when you register; forms will be available. Students may register at no cost if they are members of National AFS; the National student registration fee is \$35.00. Non-AFS members may register for the meeting at a cost of \$70.00.

Pre-Meeting Training / Workshop

February 26, 1997

The Idaho Chapters, American Fisheries Society & The Wildlife Society are offering a unique training and workshop opportunity to all members of both Societies, for FREE!! The title of the meeting is, "**Species That Slip Through The Cracks of Current Management Paradigms - Conservation of Non-game and Non-**

EXCOM MEETING

The EXCOM met on December 2, 1996 at the Idaho Fish and Game's Myrtle Beach facility near Lewiston, Idaho. Much of the meeting focused on

Threatened or Endangered Fish & Wildlife." The training and workshop will take place from 8 a.m. to 5 p.m. on the day preceding the annual meetings for both organizations, on Wednesday, Feb. 26, and will be at the Owyhee Plaza Hotel, Boise. See the attached draft agenda for more details.

This is a rare opportunity for Idaho fish biologists and wildlife biologists to "rub shoulders" at the very same meeting! The meeting organizers felt that there is a common need to address the issue of tracking species - both temporally and spatially - that otherwise go relatively unnoticed by current management agencies and entities. Be it sculpin, amphibians, or neotropical migratory birds, many species in Idaho become known to biologists only after their population status and habitat appear to be threatened and declining. What can we do to get ahead of this curve? How have other innovative thinkers approached this problem, particularly on broader scales than the state of Idaho? Come help answer some of these questions, and help develop a whole new set of questions designed to make us do a better job of conserving all fish and wildlife resources into the next millenium.

We are indeed extremely fortunate to have Internationally recognized scientist Dr. George Rabb, past Chair of the International Union for the Conservation of Nature - Species Survival Commission, as our keynote speaker for the session. For the past seven years Dr. Rabb, with the University of Chicago, the Chicago Zoological Society, and the Brookfield Zoo, was head of this organization which leads the world in tracking species from virtually all major taxonomic groups, publishing internationally recognized "Red Lists" of species in various stages of decline. His organization has been a key, objective scientific authority in implementation of the Convention on International Trade of Endangered Species. He will share with us some of the challenges he faced in tracking huge numbers of species through space and time.

preparation for the annual meeting. The EXCOM also discussed a motion to change a section of the Policy Attachment to the ICAFS by-laws regarding review and comment to aquatic resource issues that come before the chapter. The current by-laws state "The Chapter does not comment on any issue without

at least 30 days to complete review. Review includes the input of at least 2 committees and the EXCOM”.

The motion is to exclude the 30 day review period requirement, to allow for more timely responses by the chapter. The motion will be discussed more at the business meeting on February 28.

The next EXCOM meeting will be the evening of February 26, the night prior to the start of the annual meeting. The meeting will be at the Owyhee Plaza at 5:00 pm in the Capital Room. All members are encouraged to attend.

LOOKING FOR A FEW GOOD PEOPLE....
Dan Schill

Here’s your chance ! You’ve been saying you should for years ... now it’s time to commit and get involved. It’s nomination time for new ICAFS officers. Nominate yourself or colleague for an elected position on the Executive Committee (EXCOM) of your Idaho Chapter. Nominations are open for the positions of Vice-President, Secretary/Treasurer, and Nominating Committee Chair.

POSITION	EXCOM COMMITMENT
Nominations Chair	1 year
Secretary Treasurer	1 year
Vice President	4 years*

* 1 year as Vice President, 1 year as President Elect, 1 year as President, and 1 year as Past President.

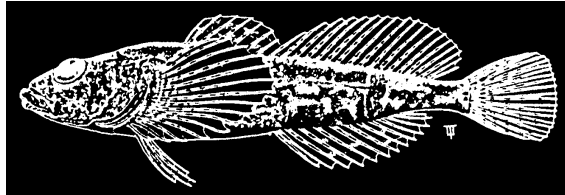
Please call Dan Schill @ 465-8404 (work) or 939-0064 (home) for nominations or for more information. Elections will be held at the Chapter annual meeting during the business meeting. You do not need to be present to be elected.

ICAFS EXCOM

President Chip Corsi	PHONE: (H) 687-0215 (W) 769-1414 FAX: 769-1418 E-mail: ccorsi@idfg.state.us
President Elect Tim Cochnauer	PHONE: (W) 799-5010 FAX: 799-5012 E-mail: tcochnau@idfg.state.us
Vice President Cindy Deacon-Williams	PHONE: (H) 939-0975 (W) 939-8697 FAX: 939-4086 E-mail: cdwill@cyberhighway.net
Secretary / Treasurer Jim Chandler	PHONE: (H) 362-2328 (W) 388-2974 FAX: 388-6902 E-mail: jimchan@micron.net
Nominations Chair Dan Schill	PHONE: (H) 939-0064 (W) 465-8404 FAX: 465-8434 E-mail: dschill@idfg.state.id.us

Fish I.D. Workshop

The Second Annual Fish I.D. Workshop is back by popular demand. Don Zarobin, Rod Scarpella and Bill Clark have agreed to hold another Fish I.D. Workshop on the evening of February 26 from 6:30pm to 9:00 pm. This is a good opportunity to identify those 'little gray fish' you've been kind of ignoring. Bring in your problem specimens. Don will also bring several specimens to work with including sculpins of Idaho. Bring your own Fish Keys, Don will have one for sculpins. This is a great opportunity. There will also be an Idaho Mystery Fish - come by and see if you can identify it. For additional information or if you would like to help out - call Don Zarobin at 373-0405.



COMMITTEE REPORTS

FUNDING

Rick Wilkison

Thanks to Rick Wilkison who stepped up and volunteered to chair the Funding Committee. Rick could use some volunteers to help solicit raffle / auction items for this years fund raising

event. If you could coordinate this in your area - please call Rick at 388-2963. Tickets and the Announcement of what some of the Raffle Items will be sent out soon.

Attention Fly-Tyers The "Fish-o-Flies" will be another hot auction item this year - but it needs your help. Bring your flies to the meeting this year to help cover the fish - it needs a lot to cover it! Help spread the word on this- steal flies from your

friends or co-workers! Thanks for your help with this.

All ICAFS Committees will be meeting during the Annual Meeting this year in February. Committee meetings will be on Thursday at 12:00 with box lunches. Here is another way you can become involved in the Idaho Chapter. Plan on attending one of these committee meetings of your interest. For more information on a particular committee - do not hesitate to call the committee chairs.

COMMITTEE CHAIRS

		Home	Work	Fax
Water Quality/Quantity	Dave Statler (Quantity)	208-476-9301	208-476-7417	208-476-0719
	Robert Harper (Quality)		208-765-8758	208-769-3062
Anadromous Fishes	Jim Congleton	208-882-1972	208-885-7521	208-885-9080
	Russ Kiefer	208-922-5068	208-465-8404	208-465-8434
Native Fishes	Ed Lider	208-765-6157	208-664-2318	208-769-3062
	Mike Owen	208-245-5885	208-245-2531	208-245-6052
Riparian	Tim Burton	208-362-4742	208-364-4100	208-364-4111
	Kirk Lohman	208-883-8027	208-885-7203	208-885-6226
Public Education	Jim Fredericks		208-769-1414	208-769-1418
Idaho Abstracts	Dave Bennett	208-882-1697	208-885-6337	208-885-9080
	Allen Thomas	208-376-5939	208-384-3066	
Funding	Rick Wilkison		208-388-2963	208-388-6902
Membership	Jill Silvey	208-377-8832	208-373-4045	208-373-3805
Palouse Unit	Co-Presidents:	Matt Davis	208-333-6873	
		Lance Kruzic	208-883-8224	
	Vice President:	Tim Welker	208-882-9250	
	Secretary/Treasurer:	Tom Welker	208-882-9250	
	Undergraduate Rep.:	Bobby Glennon	208-885-8071	

Species That Slip Through The Cracks of Current Management Paradigms

Conservation of Non-game and Non-Threatened or Endangered Fish & Wildlife

Idaho Chapters, American Fisheries Society & The Wildlife Society
Training and Workshop, Owyhee Plaza Hotel, Boise, Wednesday, Feb. 26, 1996

AGENDA (Draft)

- 8:00- 8:15 Introductory Remarks: The Need to Conserve Slippery Species - Ted Koch, U.S. Fish & Wildlife Service, Boise, Idaho
- 8:15- 9:45 The Big Picture of Developing Systems, Maintaining Databases, and Conserving Animal Species Through Time and Space - Dr. George Rabb, University of Chicago, Past Chair of the IUCN Species Survival Commission
- 10:00- 10:30 BREAK
- 10:30- 10:50 A National Perspective on Integrating Tracking Bird Species - Terry Rich, BLM, Washington, D.C./Boise, Idaho
- 10:50- 11:10 The Idaho Native Plant Society List of Idaho's Rare Flora: Criteria for Inclusion, Ranking, and Recommendations to Agencies - Nancy Cole and Bob Moseley
- 11:10- 11:30 Efforts the Idaho Chapters of the American Fisheries Society and The Wildlife Society Have Made in the Past - Ed Lider, Coeur d'Alene, Idaho, and Chuck Harris, Boise Idaho
- 11:30- 1:50 Tracking Species - The U.S. Fish and Wildlife Service Perspective - Jeri Williams, Boise, Idaho
- 11:50- 1:15 LUNCH
- 1:15- 2:35 Panel Discussion: Methods of Tracking Species**
- 1:15- 1:25 Tracking Species - The National Marine Fisheries Service Perspective - TBA
- 1:25- 1:35 Tracking Species - The Bureau of Land Management Perspective - Allan Thomas, Boise, Idaho
- 1:35- 1:55 Tracking Species - The U.S. Forest Service Perspective, Regions 4 and 1 - Tina Lanier, Ogden, Utah, and Bill Ruediger, Missoula, Montana
- 1:55- 2:05 Tracking Species - The Idaho Department of Fish and Game Perspective - Chuck Harris, Boise, Idaho
- 2:05- 2:15 Tracking Species in Oregon - TBA
- 2:15- 2:25 Tracking Species - The Heritage Network Perspective - Bob Moseley, Boise, Idaho
- 2:25- 2:35 Tracking Species - Timber Industry Perspective - TBA
- 2:35- 3:05 BREAK
- 3:05- 3:20 An example of Tracking Species of a Taxonomic Group (Amphibians and Reptiles) in and near Idaho - Chuck Peterson, Pocatello, Idaho
- 3:15- 3:35 Lessons Learned - and Opportunities Gained - From the Interior Columbia Basin EIS Process - Linda Colville
- 3:35- 3:50 Opportunities for Integrating Systems For Tracking Unmanaged Species in and around Idaho - Jeri Williams, Boise, Idaho
- 3:50- 4:45 Discussion of Conservation of Species That Slip Through The Cracks: Do We Care? What Can We Do? - Ted Koch, Boise, Idaho

Idaho Chapter of the American Fisheries Society
1997 Annual Meeting
Feb 26 - Mar 1
Owyhee Plaza Hotel, Boise, Id

PRELIMINARY AGENDA

Wednesday, February 26

0800-1700 Training / Workshop - - Species That Slip Through The Cracks of Current Management
Paradigms- AFS and TWS - Ivory Room
1700-1900 Registration - - Mezzanine
EXCOM - - Capital Room
Fish I.D. Workshop

Thursday, February 27

0700-0800 Registration - - Mezzanine
0800-0830 Opening Remarks - - Ballroom
0830-0930 Keynote Address - - TBA
0930-1000 Break
1000-1200 Moderator - - Wayne Paradis
Integrated Management Panel - USFS, BLM, IDFG, Potlatch Corp (tentative)
1200-1330 Box Lunch - Committee interaction - - Ballroom
1330-1500 Session I - Moderator TBA
Terry Cundy, Potlatch Corporation
Glen Mendel, Washington Department of Fish and Wildlife
Bob Danehy, Boise Cascade
1500-1530 Break
1530-1730 Session II - Moderator Ted Koch
a) Ted Koch, U.S. Fish and Wildlife Service
b) Impacts on Introduced Fish and Amphibian Populations in High Mountain Lakes
in Central Idaho, David Pilliod and Charles Peterson, Idaho State University
c) Bill Horton, Idaho Department of Fish and Game

Evening - - Palouse Unit Social, TBA

Friday, February 28

- 0800-0815 Announcements - - Ballroom
- 0815-1015 Session III - Moderator Jody Brostrom
- a) Threats and Management Responses to the South Fork Snake River Yellowstone Cutthroat Trout Fishery: An Integrated Management Program, Mark Gamblin and Bill Shrader, Idaho Department of Fish and Game
 - b) Rich Alexander, Utah State University
 - c) Use of Complementary Surveys in Fishery Management, Jim Davis and Tom McArthur, Idaho Department of Fish and Game
 - d) Effect of Bait Training on Return to Creel of Put-and Take Trout in streams, Jeff Dillon and Chuck Alexander, Idaho Department of Fish and Game
- 1015-1045 Break
- 1045-1145 Session III (cont.)
- e) TBA
 - f) TBA
- 1145-1400 Business Luncheon
- 1400-1700 Session IV - Moderator Kim Apperson
- a) Adaptation of the Index of Biotic Integrity of Large River Systems in Idaho, Scott Relyea, Idaho State University
 - b) Temperature-dependent Consumption and Gut-residence Time in the Opposum Shrimp *Mysis relicta*, Steve R. Chipps and David H. Bennett, University of Idaho
 - c) Smoltification, Stress, and Health Indices in Wild and Hatchery-Reared Spring/Summer Chinook Salmon and Steelhead Smolts Sampled Before and After Barge Transportation, Jim Congleton and Bill LaVoie, University of Idaho; Carl Schreck and Larry Davis, Oregon State University; Diane Elliot and Ron Pascho, Northwest Biological Science Center
 - d) Physiological Indices, Microbial Infection, and Short-term Survival of Descaled and Non-descaled Chinook Salmon and Steelhead Smolts at Lower Snake River Dams, Jim Congleton and Bill LaVoie, University of Idaho; Carl Schreck and Larry Davis, Oregon State University; Diane Elliot and Ron Pascho, Northwest Biological Science Center
 - e) Bart Ganett, Idaho State University
 - f) Ann Abbott, University of Idaho
- 1900 - ????
- Evening - - Slide Show, Social, Raffle, Auction

Saturday, March 1

0800-0815	Announcements
0815-1015	Session V, Moderator TBA
	a) John Guzevich and Russ Thurow, Intermountain Forest Research Station, Boise, ID
	b) Rodger Nelson and Dave Burns, U.S. Forest Service, McCall, ID
	c) Gas Bubble Trauma Monitoring in the Clearwater River, Larry Phillips, Lewis Clark State College
	d) TBA
1015-1045	Break
1045-1145	Session V (cont.)
	e) TBA
	f) TBA
1145-1200	PRESENTATION OF BEST PAPER AWARDS
1200 - - ??	EXCOM meeting, Capital Room

Pre-Registration (and Special Drawing) Form
ICAFS Annual Meeting, February 27 - March 1, 1997
(Mail no later than Feb. 17 to ICAFS, P.O. Box 8472, Boise, ID 83707)

Last Name: _____ First Name: _____

Title: _____

Affiliation: _____

Telephone: (Work) _____ (Home) _____

Palouse Unit Member: Please check if yes

Pre-Registration Fees

1997 AFS Member Pre-Registration Fee.....\$55.00
National Dues (\$70.00 if not paid up)..... _____
Fees for Sections or Publications..... _____
Total Due 1997 AFS Member\$ _____

1997 AFS Student Member Fee..... \$35.00
(No registration fee if Nat'l. Member)
Non-AFS Member Fee.....\$70.00

I plan on attending the Workshop on Feb 26 (check)

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Pre-Registration (and Special Drawing) Form
ICAFS Annual Meeting, February 27 - March 1, 1997
(Mail no later than Feb. 17 to ICAFS, P.O. Box 8472, Boise, ID 83707)

Last Name: _____ First Name: _____

Title: _____

Affiliation: _____

Telephone: (Work) _____ (Home) _____

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Idaho Chapter - American Fisheries Society
P.O. Box 8472
Boise, ID 83707
