



AMERICAN FISHERIES SOCIETY
ORGANIZED 1870
IDAHO CHAPTER



GILL RAKER GAZETTE

Volume 19, Number 1
January 1999
Fred Partridge, Editor

Inside:

Salmon and Steelhead Recovery Resolution

Bylaws Annual Meeting, March 4-6, 1999

SALMON AND STEELHEAD RECOVERY RESOLUTION, BYLAWS UPDATE

The EXCOM has prepared a draft resolution (attached to newsletter) addressing recovery efforts for Idaho salmon and steelhead. The process for finalizing the resolution will be two-fold. AFS members are being supplied a copy of the draft so that a formalized discussion of contents can be held at the annual meeting. A block of time during the first day has been designated for this issue alone. During that time members will have the opportunity to thoroughly discuss the resolution. Secondly, at the business meeting on Friday (March 5), the EXCOM will be seeking an advisory vote from the membership as to whether or not they should finalized the resolution as a chapter position. Because of the magnitude of the issue, the EXCOM will only proceed with the resolution on a super-majority support (2/3 vote) of the membership at the business luncheon. Please bring your questions and comments to the discussion period on March 4, 1999.

Also in the newsletter is a copy of the Idaho Chapter American Fisheries Society Bylaws with a number of changes which have been previously approved of by the EXCOM or at prior annual meetings. However, they have never been officially approved by a ballot vote. Items to be deleted from the bylaws are shown in **strikeout**, items to be added are in **bold**. An official vote to make these changes in the bylaws will take place at the business meeting on March 5, 1999.

Agenda
Idaho Chapter of the American Fisheries Society 1999 Annual Meeting
The Role of the Four Lower Snake River Dams in Salmon and Steelhead Recovery
March 4-6, 1999
The Grove Hotel, Boise, Idaho

Thursday, March 4:
Invited Presentations

- 8:00 Welcome and Introduction - Cindy Deacon Williams, ICAFS President
- 8:20 Title Session - Introduction
- 8:35 Economic, Social, and Political Dimensions of Dams and Salmon and Steelhead
- 10:30 *Break*
- 11:00 Scientific Dimensions of Dams and Salmon and Steelhead
- 12:00 *Lunch Break* - Grab a bag lunch and go to committee meetings
- 1:30 Scientific Dimensions of Dams and Salmon and Steelhead, continued
- 3:30 *Break*
- 3:45 Open Discussion on the Draft Resolution and Issues Involved
- 5:00 *Session Ends*

Evening Function - *Paluse Unit hosts a pizza feed*

Friday, March 5:
Contributed Papers

- 8:00-12:00 Contributed Papers
- 12:15 Business Meeting Luncheon in the Bank of America Center
- 2:30-5:00 Contributed Papers

Evening Social - *Hoer d'ouvres and no-host bar at Grove Hotel, auction, raffle, music and more*

Saturday, March 6:
Contributed Papers

- 8:00-12:00 Contributed Papers
- 12:00 *Meeting Adjourns*
- 12:15 EXCOM Meeting

Lodging

Room reservations for the meeting can be made by calling the Grove Hotel at 208-333-8000. **This needs to be done by February 14, 1999 to receive the conference rate of \$68/night. If you delay the cost per room goes to \$139/night!!!!** Parking

near the Grove Hotel is difficult except for the City Parking Lot under the Grove Hotel. Cost of parking in this lot is \$1/night for guest of the hotel. Daily fees for non registered guests is \$4.50 or \$.50 an hour.

**Proposed Resolution of the Idaho Chapter of the American Fisheries Society
On the Role of the Four Lower Snake River Dams and
Snake River Salmon and Steelhead Recovery**

January 15, 1999

Whereas:

Many, and perhaps most, stocks of Snake River salmon and steelhead now are extinct;

Whereas:

The remaining stocks of Snake River salmon and steelhead populations have declined to perilously low levels from historical levels, and all currently are listed as threatened or endangered under the Endangered Species Act;

Whereas:

Snake River salmon and steelhead extinction and declines resulted from the occurrence of a variety of physical, chemical, and biological factors, including effects from the "four H's" - Hatcheries, Harvest, Habitat, and Hydropower facilities;

Whereas:

Dramatic action must be taken soon to prevent some, or perhaps even most remaining Snake River salmon and steelhead stocks from extinction because recent incremental adjustments have not led to any apparent significant increases in stock abundances;

Whereas:

The lower four Snake River dams and their reservoirs, including: Lower Granite, Little Goose, Lower Monumental, and Ice Harbor, have recently been identified in other scientific reviews, including the Independent Scientific Group and Plan for Analyzing and Testing Hypotheses, as presenting the most significant limiting factor in Snake River salmon and steelhead population viability;

Whereas:

The U.S. Fish and Wildlife Service Lower Snake River Compensation Plan Office charged with compensating for the loss and mitigating the effects of the dams on salmon and steelhead believes it cannot meet its obligations or even save many of the remaining wild stocks from extinction;

Whereas:

The first objective in the constitution of the American Fisheries Society is to promote the conservation, development, and wise use of the fisheries, and the AFS further commits to promote enlightened management of aquatic resources for optimum use and enjoyment, by the public;

Whereas:

Past management of Snake River salmon and steelhead stocks and their environment has resulted in a failure to conserve and use wisely the fisheries, or to provide for optimum use and enjoyment by the public, and:

Whereas:

At least two important decision points will be reached by federal agencies soon regarding managing the lower four Snake River dams and recovering Snake River salmon and steelhead: one by the Army Corps of Engineers for managing dams, and one by the National Marine Fisheries Service on whether the operation of the dams jeopardizes the continued existence of Snake River salmon and steelhead;

IDAHO SALMON AND STEELHEAD AND LOWER SNAKE RIVER DAMS FACT SHEET

A number of salmon and steelhead stocks from Idaho are extinct¹, including:

- spring/summer chinook from the Weiser, Powder, Clearwater, Payette, Boise and Bruneau rivers;
- fall chinook from the Clearwater River and from above Hells Canyon Dam
- coho from the Clearwater and Snake rivers;
- sockeye from the Payette River and from a number of Salmon Basin lakes; and
- steelhead from the Bruneau, Weiser, Boise and Payette rivers

The remaining salmon and steelhead stocks from Idaho are listed as threatened (T) or endangered (E) pursuant to the federal Endangered Species Act², including:

- Snake River sockeye (E), listed in Nov 1991;
- Snake River fall chinook (T), listed in Apr 1992;
- Snake River spring/summer chinook (T), listed in Apr 1992; and
- Snake River steelhead (T), listed in Aug 1997

No salmon and steelhead stocks from Idaho are considered "healthy" or "secure," although 99 stocks from Washington, Oregon and California (primarily from the Puget Sound or coastal watersheds of Oregon or Washington) have been so identified.³

There are eight dams on the Columbia and lower Snake rivers that affect Idaho salmon and steelhead survival, including on the Columbia River:

- Bonneville Dam (constructed in 1938);
- The Dalles Dam (1957);
- John Day Dam (1968); and
- McNary Dam (1953).

On the lower Snake River:

- Ice Harbor Dam (1962);
- Lower Monumental Dam (1969);
- Little Goose Dam (1970); and
- Lower Granite dam (1975).

¹Nehlsen, W., J.E. Williams and J.A. Lichatowich. 1991. Pacific salmon at the crossroads: stocks at risk from California, Oregon, Idaho and Washington. *Fisheries*. 16(2):4-21.

²National Marine Fisheries Service. 1998. Species/ESU Status fact sheet. August 5, 1998 update.

³Huntinton, C., W. Nehlsen and J. Bowers. 1996. A survey of healthy native stocks of anadromous salmonids in the Pacific Northwest and California. *Fisheries*. 21(3):6-14

The Lower Snake River Fish and Wildlife Compensation Plan (LSRCP) was authorized following completion of the lower Snake River dams (in 1976) to mitigate and compensate for fish and wildlife losses resulting from construction of the four dams.⁴ A major hatchery program has been implemented pursuant to this authorization, including:

- ten major hatcheries built by the Corps of Engineers between 1981 and 1991; and
- sixteen satellite facilities for adult trapping and juvenile acclimation built between 1980 and 1998.

A 1998 program review concluded that the LSRCP was incapable of meeting its mitigation and compensation obligations. The science panel concluded:

- hatcheries cannot solve the Snake River salmon and steelhead recovery problem on their own;
- optimistic conclusions force acknowledgment that, for many remaining Snake River salmon and steelhead populations, extinction will take place by about 2025; and
- a large magnitude of improvement is necessary outside the hatchery system [a 5- to 10-fold increase in the smolt-adult returns (SARs)] to avoid extinction and bring about recovery.

The 1995 Federal Hydropower Biological Opinion, developed pursuant to section 7 of the Endangered Species Act, specified a number of “reasonable and prudent alternatives” to avoid jeopardy to listed salmon, including:

- flow augmentations using upstream storage reservoirs;
- flood control rule curves that require reservoirs to be at target levels by April of each year;
- spill requirements attempting to ensure that 80% of the in-river smolt migrants pass the lower Snake River dams via a non-turbine route; and
- studies of options to draw-down or breach dams on the lower Snake River to be completed in time to allow for implementation during 2000 if the decision is made to do so.

A number of recent studies have concluded that breaching the four lower Snake River dams is the best ecological solution:

- State and tribal analyses conclude that breaching has a 16-70% probability of restoring salmon populations to 1960 levels in 13 years, and an 80-100% probability of success in 24 years;
- PATH analyses concluded that breaching has a 79% probability of recovery in 48 years, while continuing current efforts and increasing fish barging and flow augmentations both have a 35-40% probability of recovery.
- The Independent Scientific Group concluded that salmon recovery is dependant on restoration of “normative ecosystem conditions⁵.”

⁴U.S. Fish and Wildlife Service. 1998. Proceedings of the Lower Snake River Compensation Plan status review symposium. USFWS, LSRCP Office, Boise, ID.

⁵ISG. 1996. Return to the river: restoration of salmonid fishes in the Columbia River Ecosystem. Report to the Northwest Power Planning Council, Portland, OR.

BY-LAWS OF THE IDAHO CHAPTER OF THE AMERICAN FISHERIES SOCIETY

Section 1 – Name and Objective

The name of this organization shall be the Idaho Chapter of the American Fisheries Society, hereinafter referred to as the Chapter.

The objectives of the Chapter shall be those of the **parent** American Fisheries Society as set forth in Article I of the Constitution, and to encourage the exchange of information by members of the Society residing with the states of Idaho, eastern Washington, eastern Oregon and northern Utah.

Section 2 – Membership

The membership of the Chapter shall be composed of those American Fisheries Society members in good standing who reside in the states of Idaho, eastern Washington, eastern Oregon and northern Utah.

Section 3 – Meetings

The Chapter shall hold an annual meeting at a time and place designated by the Executive Committee (**EXCOM**), and additional meetings also may be scheduled. The program of the annual meeting shall be the responsibility of **the president-elect and the program committee.**

Section 4 – Officers

The officers of the Chapter shall consist of a President, president-elect, Vice-President, Secretary-Treasurer, Unit President(s), and Immediate **Past President Chairperson(s) of the Idaho Chapter.** ~~The Unit President(s) shall be voting member of the EXCOM.~~

The election of Secretary-Treasurer, Vice-President and Nominating Chairperson shall be made from the general membership at the annual meeting. ~~The Secretary-Treasurer shall succeed to the office of Vice President upon completion of the term as Secretary-Treasurer.~~ **The Secretary-Treasurer position shall be for a one-year commitment only; there is no line of succession for this position.** The Vice-President succeeds to the President-Elect; President-Elect to President, and President to Past-President. In the case of a vacated position, the officers will advance one level to fill the position. If the Secretary-Treasurer's position is vacated, the EXCOM shall appoint a qualified replacement to complete the term. In the event the Nominating Committee Chairperson is unable to act, the President will appoint a chairperson from the Nominating Committee for the remainder of the term. The time frame of all position shall coincide with that of the officers of the Parent Society.

If an annual meeting is canceled, the officers and members of committees shall continue to serve until the next schedule meeting.

Section 5 – Duties of Officers

A. The President shall:

1. Preside at all meeting of the chapter,
2. Serve as Chairperson of the Executive Committee of the Chapter,
3. Appoint committee chairpersons; sign all Chapter correspondence to non-Chapter entities; and, perform functions as authorized by the Chapter,
4. Present a report of the Chapter's activities at Idaho Chapter, Western Division, and International Society meetings, when requested to do so, and,
5. **Serve on University of Idaho scholarship selection committee.**

B. The President-Elect shall:

1. Assume the duties of the President if the President is absent or unable to act,
2. Serve as Chairperson of the Program Committee,
3. Serve on the Chapter Executive Committee, and
4. Perform other duties delegated by the President.

C. The Vice-President shall:

1. Assume the duties of the President-Elect if that officer is absent or unable to act,
2. Serve as Chairperson of the Policy and Resolutions Committee,
3. Serve on the Chapter Executive Committee,

4. Perform other duties delegated by the President-Elect,
5. **Service** Serve as Chairperson of the Time and Place Committee,
6. **Serve as Editor of the Chapter's newsletter, and**
7. **Serve as FIN committee chairperson.**

D. The Secretary Treasurer shall:

1. Assume the duties of the Vice-President if the Vice-President is absent or unable to act,
2. Keep the official records of the Chapter, including minutes of Chapter and Executive Committee meetings,
3. Collect and disperse funds of the Chapter and be custodian for such funds,
4. Present an annual summary of collections and payments to the Chapter,
5. ~~Serve as editor of the Chapter's newsletter,~~
5. Serve on the Chapter Executive Committee, and
6. Perform other duties delegated by the Vice-President.

E. The immediate Past-President shall:

1. Serve as an ex-officio (non-voting) member on the Chapter Executive Committee,
2. Serve as Chairperson of the Awards Committee, and
3. Serve as Chairperson of the Nominating Committee in the event that the elected Chairperson is absent or unable to act.

Section 6 – Executive Committee

The Executive Committee of the Chapter shall consist of the elected officers, Unit President (s), ~~and~~ the immediate Past-President **and committee chairpersons**. It is authorized to act for the Chapter between meetings to perform appropriate duties and functions.

Section 7 – Chapter Committees

The President is authorized to appoint from members of the Chapter in good standing such committees as may be necessary to conduct the business of the Chapter. Standing committees shall include:

- a. Program Committee to which shall be appointed not less than three (3) members. The program Committee shall be responsible for arrangements of the program for the annual meeting.
- b. Nominating Committee of not less than four (4) members at large plus one representative from each unit.
- c. Policy and Resolutions Committee of five (5) **members** who shall draft and recommend to the Chapter and/or the Executive Committee such resolutions considered prudent and necessary in the furtherance of the purposes and objective of the Chapter.
 - (i) The members of the Policy and Resolutions Committee should, insofar as is practical, represent a cross-section of Chapter members.
 - (ii) All resolutions and statements approved by the Executive Committee must be reported to the Chapter membership by correspondence within 30 days of approval. Resolution and statements without unanimous approval of the Policy and Resolutions Committee may contain a minority report prepared by those committee members opposing the transmittal. Resolutions of urgency may be unanimously approved by the Executive Committee and released without vote by the full membership. Resolutions may also be prepared and voted upon at the annual meeting or by mail.
 - (iii) The Executive Committee may, if it deems prudent, defer action of any resolution or statement, until the annual meeting of the Chapter for membership action; provided that such resolutions or statements be sent to the membership at least 30 days prior to the meeting.
 - (iv) The Chairperson or a committee representative shall report all resolutions and statements considered by the Policy and Resolution Committee during the year at the annual meeting.

- d. A Newsletter Committee of not less than five (5) **members** shall prepare at least a semi-annual Newsletter that will be mailed to all members of the Chapter. The members of the Newsletter Committee should, insofar as is practical, represent a cross-section of Chapter members. The Chairperson of the Newsletter Committee will be the Newsletter Editor (**Vice-President**).
- e. A Membership Committee of not less than three (3) **members** shall recruit individuals for Chapter membership. The membership of this committee should, insofar as is practical, represent a cross-section of the Chapter members.
- f. A Time and Place Committee of not less than three (3) **members** will recommend to the President the time and place for the annual meeting. The membership of this committee should, insofar as is practical, represent a cross-section of the Chapter members.
- g. The President may appoint ad hoc committees necessary to carry out the work of the Chapter also.

Section 8 – Voting and Quorum

Members in good standing of the American Fisheries Society and the Idaho Chapter are eligible to vote on any decisions of the Idaho Chapter. Decisions at meetings of the Chapter shall be by a majority of those members voting, except as noted in Section 11.

Section 9 – Dues and Registration Fees

- a. The Executive Committee may assess each registrant attending meetings of the Chapter a registration fee to cover the cost of the meeting. The Secretary-Treasurer shall make collections.
- b. Annual dues of the Chapter ~~will~~ **may** be levied on members and a special assessment on participants that are not Chapter members.
- c. Other collections may be requested for specific programs to fulfill the objectives of the Chapter. Such programs will be approved at the annual meeting or by mail ballot from the voting membership following a 30-day notice. The Secretary-Treasurer shall be responsible for these special collections.

Section 10 – Geographical Units

Due to geographical distances within the area served by the Chapter, local units may be established by petition from ten (10) Idaho Chapter members. Chapter approval of a newly formed Unit (s) rules of Procedure is required. Units must submit an annual written report of activities at the Idaho Chapter's annual meeting.

Resolutions generated by the Units must secure prior approval from the Chapter Executive Committee before public release.

Section 11 – Amendments to the Bylaws

The Bylaws of the Chapter may be amended by a 2/3-majority approval of those members voting by mail ballot or at the annual meeting, provided that notice of at least 30 days be given to the membership describing the proposed change(s). Said change(s) must be approved by the Executive Committee of the Society before taking effect.

Fish Management Status Workshop Slated for April

Ted Koch, President-Elect

This year we decided to not do a workshop the Wednesday before the ICAFS annual meeting. We were planning on joining the Idaho Chapter of The Wildlife Society in a rare species review meeting. However, we decided instead to try to take advantage of a great opportunity to compliment an effort led by Don Zaroban to host a meeting at Albertson's College in Caldwell on Tuesday and Wednesday, April 27-28, to update distribution maps in Wallace and Simpson's 1982 book, the Fishes of Idaho (attached flier). The Chapter would consider hosting a management status review workshop on the third day, Thursday, April 29, also in the Treasure Valley area. Don's fish distribution workshop could potentially involve many of the same players needed for an ICAFS management status review workshop meeting, so having both meetings together makes more sense.

The plan would be that fish biologists interested in the distribution, identification, and management status of native Idaho fishes could attend a two day session set up by Don to review and discuss all the latest information on fish distribution in Idaho on the first day, Wednesday the 27th. The second day would be devoted to a fish identification workshop, with experts from within and outside of the state present to instruct attendees on how to identify less well-know Idaho fishes like suckers and sculpin. On the third day, Thursday the 29th, participants in a fish management status review workshop would try to incorporate all the latest data shared in Don's workshop on the first day into recommendations for management status determinations, using as a basis the five management classification ranking systems currently used in Idaho.

While Don's workshop is scheduled to go, the status review workshop still needs work. Please contact Fred Partridge with the IDFG in Jerome at (208) 324-4350 if you have an interest in seeing the management status review workshop move forward. Also, contact Don Zaroban with IDEQ in Boise at (208) 373-0405 if you are interested in attending the workshop he is hosting at Albertson's College. The title of his workshop is, "History and Distribution of Snake River Fishes," but Don is open to including all portions of the state in discussions on the first day of his meeting, if people are interested in participating. The management status review workshop would also include all areas of the state of Idaho.

For more information on the five management status classification systems and how they might be applied to native Idaho fishes, you might be interested in a paper posted on the Internet, "Status and Management Classification/Ranking Systems" for Idaho amphibians and reptiles, written by Jeri Wood and myself. The paper is in need of revision (which we are currently working on), and is still incomplete in some ways, but it provides an example of the five currently used systems and how we might incorporate recommendations for each system.

Directions to find the paper are: go to Dr. Chuck Peterson's web page at ISU at: "<http://www.isu.edu/~petechar/>." Then, go to "courses." Then, at the bottom of the page, go to "Ecology and Conservation of Idaho's Amphibians and Reptiles." The username and password are both, "guest." Then, go to "Course Lessons 1998." Then go to "Status and Management Classification/Ranking Systems." Please contact me with any questions or ideas at (208) 378-5293, or by e-mail at Tkoch@fws.gov.

ANNOUNCEMENT AND CALL FOR PRESENTATIONS

Orma J. Smith Museum of Natural History

announces a seminar and taxonomy workshop:

History and Distribution of Snake River Fishes

Sponsored by: Orma J. Smith Museum of Natural History, U.S. Environmental Protection Agency, Albertson College of Idaho, Idaho Division of Environmental Quality

Purpose: To update the published distribution of Snake River fishes and encourage improved taxonomy by:

- compiling fish distribution data collected since 1982 and producing an updated document
- conducting a fish identification workshop

Location: Boone Science Building, Albertson College of Idaho, 2112 Cleveland Blvd., Caldwell

Dates: April 27, 1999 (9:00 - 5:00) - History and distribution seminar featuring:

- Dr. Gerald R. Smith, Curator of Fishes, Director, Museum of Zoology, Univ. of Michigan
- Dr. Richard L. Wallace, Professor Emeritus of Zoology, University of Idaho
also invited
- Dr. Greg McDonald, Paleontologist, Hagerman Fossil Beds National Monument

April 28, 1999 (9:00 - 4:00) - Fish identification workshop featuring:

- Dr. Wallace - Snake River/Idaho Cottidae and Salmonidae
- Dr. Smith - Snake River/Idaho Catostomidae and Cyprinidae

Questions: Don W. Zaroban or William H. Clark

Phone: (208) 373-0405 or 0263, Fax: (208) 373-0576

Email: dzaroban@deq.state.id.us, wclark@deq.state.id.us, or bclark@acofi.edu

Participation request: for seminar and/or workshop (Sorry, workshop limited to 25 participants due to space.) Please check box/boxes below and mail to address on back of this form:

- I plan to attend the Snake River fish seminar (April 27, 1999)
- I wish to make a 10 - 15 minute presentation describing collection methods, locality, format, and quality of data to be included in the distribution update
- I wish to participate in the fish identification workshop (April 28, 1999)

Name _____ Representing _____ Phone _____

Address _____ Email: _____

ANNOUNCEMENT AND CALL FOR PRESENTATIONS

Orma J. Smith Museum of Natural History
University of Idaho

History and Distribution of Invertebrates

Presentations for the 1991 meeting of the Society for the History of Biology will be held at the Orma J. Smith Museum of Natural History, University of Idaho, on Friday, August 2, 1991, from 8:00 a.m. to 5:00 p.m.

Presentations should be submitted to the Secretary of the Society for the History of Biology, Dr. Robert M. Ross, Department of Biology, University of Idaho, 101 Old Main Building, Moscow, Idaho 83842-1324.

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Don W. Zaroban, Curator of Fishes
Orma J. Smith Museum of Natural History
Albertson College of Idaho
2112 Cleveland Boulevard
Caldwell, Idaho 83605-4494

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COMMITTEE REPORTS

NOMINATIONS....

Steve Elle

Nominations are **still** open for ICASF officers. This is your opportunity to help guide YOUR chapter in the coming year. If you are interested in running for one of these positions, or know someone who is, please contact Steve. Elections will be held at the annual meeting in March. See ICASF EXCOM box for Steve's address.

Funding Committee Update

Rick Wilkison

Raffle and auction items are being solicited from businesses and individuals for the March 5th fund-raiser. Raffle tickets for a Sage travel series fly rod and reel combo and a Remington shotgun have been included in this newsletter for members to sell prior to the meeting. **PLEASE SELL THESE TICKETS TO PEOPLE THAT ARE UNABLE TO ATTEND THE MEETING AND HELP YOUR CHAPTER RAISE FUNDS!!** Members can either bring ticket stubs and funds to the meeting or mail them to Rick Wilkison at the address below. Flies of all shapes, sizes, and colors are also needed for the perennial "fish-o-flies". Bring your favorite patterns to the meeting or mail them to Rick and help to dress up the styrofoam salmonid. Anyone wishing to donate items or help out at the raffle/auction please contact:

Rick Wilkison
Idaho Power Company
P.O. Box 70
Boise, Idaho 83707
(208) 388-2963
(208) 388-6902 (FAX)
e-mail: rwilkison@idahopower.com

PALUSE UNIT

Lance Clarke

The semester was a busy one for the club, especially in the early fall when the weather still allowed for outdoor

activities. The club participated in two bull trout spawning redd surveys. The first trip was on tributaries to the St. Joe River, and the second was with Bruce Rieman on tributaries to Lake Pend Oreille. In October, the Palouse unit also sponsored a handicapped fishing day at a local pond in Moscow for members of the Stepping Stones handicapped group. Members of the club also gave an educational program to elementary students in October. We've had two successful fund-raisers this semester, both involved preparing and selling commercially processed salmon that was donated to the club. The Palouse unit is currently preparing for our largest fundraiser of the year- the annual "Wild Game Feed" that we have every March.

Three guest speakers also gave presentations to the club this semester. Ed Schriever from Idaho Fish and Game presented the agency's view on dam removal in the Snake River system. Gary Thorgaard from Washington State University discussed the use of DNA analysis in fisheries, and Dr. Gerald Schelling spoke on the use of growth hormone in aquaculture. Speakers that are planned for next semester include Jay Hammond, biologist from Kootenay Lake, and Ed Bowles who will discuss the PATH model for salmon recovery in the Columbia River system.

Idaho Chapter AFS Scholarships

Tim Cochnauer

The Idaho Chapter will be awarding various scholarships to students of Idaho colleges and universities for the 1999 fall semester. Students must be pursuing a career in fishery science or a related aquatics discipline. University of Idaho students contact the Fish and Wildlife Department for information on application process. Students at other Idaho colleges or universities contact your biology or natural science department or contact the Idaho Chapter (Tim Cochnauer, 1540 Warner, Lewiston, ID 83501, 208-799-5010).

ICAFS EXCOM	
President Cindy Deacon-Williams	PHONE: (H) 939-0975 (W) 939-8697 FAX: 939-4086 E-mail: cdwill@cyberhighway.net
President Elect Ted Koch	PHONE: (W)378-5293 E-mail: ted_koch@mail.fws.gov
Vice President Brett Roper	PHONE: (W) 765-7223 (H) 765-7488 E-mail: broper/r1_ipnf@fs.fed.us

Secretary / Treasurer Fred Partridge	PHONE: (W) 324-4350 (H) 324-3808 FAX: 324-1160 E-mail: fpartrid@idfg.state.id.us
Nominations Chair Steve Elle	Phone: (W) 465-8404 (H) 467-9652 Fax: 465-8434 E-mail: selle@idfg.state.id.us
Past President Tim Cochnauer	Phone: (W) 799-5010 Fax: 799-5012 E-mail: tcochnau@idfg.state.us

All ICAFS Committees will be meeting during the Annual Meeting this year in March. 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	Brett Roper	208-765-7488	208-765-7223	
Anadromous Fishes	Dan Herrig		208-378-5321	
	Greg Mäuser		208-334-3791	
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	Dale Allen		208-465-8441	
Public Education	Jim Fredericks		208-769-1414	208-769-1418
	Chris Downs		208-769-1414	208-769-1418
Stream Hydraulics	Nick Gerhardt	208-983-4099	208-983-1950	
Funding	Rick Wilkison		208-388-2963	208-388-2974
Membership	Jill Silvey		208-373-4045	
Palouse Unit				
	Co-Presidents:	Jodi Neil, Lance Clarke	208-885-6434	
	Vice President:	Tami Reishel		
	Secretary:	Joe Kozofkay		
	Treasurer:	Mary Kraemer		
	Undergraduate Rep.:	Molly Puchlerz		
	Graduate Rep:	Monica Hiner		

Pre-Registration (and Special Drawing) Form
ICAFS Annual Meeting, March 4-6, 1999
(Mail no later than Feb. 23 to ICAFS, P.O. Box 8472, Boise, ID 83707)

Last Name: _____ First Name: _____

Title: _____ Affiliation: _____

Mailing Address: _____

City: _____ State _____ Zip _____

Telephone: (Work) _____ (Home) _____

Email: _____

Palouse Unit Member: Please check if yes _____

Pre-Registration Fees

1999 AFS Member Pre-Registration Fee	<u>\$55.00</u>
National Dues (\$75.50 if not paid up)	_____
Fees for Sections or Publications	_____
Endowment Fund (voluntary)	_____
 Total Due 1999 AFS Member	 \$ _____
 1999 AFS Student Member Fee	 <u>\$35.00</u>
(No registration fee if Nat'l. Member)	
 Non-AFS Member	 <u>\$70.00</u>

ICAFS
