



ONCORHYNCHUS

Newsletter of the Alaska Chapter, American Fisheries Society

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No. 2

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And More . . .



Today's Technology for Tomorrow's Resources 1999 Annual Meeting Second Call for Papers

The 1999 Annual Meeting of the AFS Alaska Chapter has been scheduled for November 9-11 in Kodiak. The Annual Meeting is your major opportunity to network with diverse aquatic resource professionals in Alaska.

An increasing awareness of ecological interactions of our aquatic resources is placing new demands on research and management efforts of Alaska's fisheries professionals. The expertise and diversity of individuals working with Alaska's aquatic resources provides opportunities for unique solutions to resource problems. The meeting theme "*Today's Technology for Tomorrow's Resources*" is intended to foster discussion on research and management techniques to guide long-term, sustainable use of our aquatic resources.

Kodiak, the "Island Terrific in the North Pacific," serves as a hub for both marine and freshwater
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A Galena student displays a trophy Alaska blackfish collected during a class lake study.

The Environmental Education Committee

The goal of the Environmental Education Committee is to impart knowledge and stimulate respect and stewardship of Alaska's unique fisheries and aquatic resources. Pat Holmes, the previous chair of the Aquatic Education Committee, was a fisheries biologist with ADF&G for many years, and also the driving force behind developing and maintaining an environmental education section in the Chapter. The education section enters a new and uncharted era with Pat's retirement.

Mary Faustini and Laurel Devaney are serving as the current co-chairs. Mary is a fisheries biologist and coordinates the education program for the USFWS Kenai Fishery Resource Office. The core of the Kenai FRO education program is an Adopt-A-Stream partnership with the Kalifornsky Beach and Tustumena Elementary Schools, involving four 6th grade classes. The classes monitor water quality, fish and aquatic insect populations, and stream discharge in Slikok Creek (Kalifornsky Beach) and Crooked Creek (Tustumena). Field trips are augmented with five in-class units that are taught through the year. Office personnel also speak at school career days; participate in Refuge open houses; present activities at the Homer Youth Fishing Fair and the Kenai River Festival; give campground talks; and assist with the Andraefsky River summer camp.
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The President's Column

Cindy Hartmann

I'm going to start this month's president's column with a short inspirational story that I got a while back via e-mail. It's titled, *What Really Matters?*

A few years ago at the Seattle Special Olympics, nine contestants, all physically or mentally disabled, assembled at the starting line for the 100-yard dash. At the gun, they all started out, not exactly in a dash, but with a relish to run the race to the finish and win. All, that is, except one boy who stumbled on the asphalt, tumbled over a couple of times, and began to cry. The other eight heard the boy cry. They slowed down and looked back. They all turned around and went back. Every one of them. One girl with Down's Syndrome bent down and kissed him and said, "This will make it better." All nine linked arms and walked across the finish line together. Everyone in the stadium stood, and the cheering went on for several minutes.

People who were there are still telling the story. Why? Because deep down we know this one thing: What matters in this life is helping others win, even if it means slowing down and changing course.

This edition of our newsletter highlights the work being done by our committees. Our committees are made up of people, who like the above Special Olympic contestants, are looking out for others or for the good of the profession or fishery resource. They give of their time and talents. Our committees play a vital role in what the Chapter is able to accomplish.

Some of our committee chairs have recently accepted their role and others have been an active chair for many years, like Bill Wilson, fish key committee chair. After 10 years of overseeing work on the Fishes of Alaska Key, Bill said he can now see light at the end of the tunnel. Once published, the Fishes of Alaska Key is sure to be an invaluable reference.

Other committee's work may not be so tangible as this, but still extremely beneficial. We have a wide range of committees representing many interest areas. I encourage you to call or e-mail the chair of a committee you're interested in and offer your talents. I'm sure you'll find it a rewarding experience, and you may even be applauded by other fishery professionals for your efforts. ☺



Environmental Education Committee,

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Laurel Devaney is the Education Coordinator for the USFWS Fairbanks Fisheries Resource Office. Primary duties include addressing the aquatic and fisheries education needs for the villages associated with the eight northern and western National Wildlife Refuges in Alaska. Laurel develops aquatic education programs and materials for teachers and students in both urban and rural areas of the state. This includes developing fisheries education kits for 11 sites throughout southcentral, western, and interior Alaska; producing a salmon activity book for grades K-3; and developing teacher workshops. She also has a partnership with Ryan Middle School in Fairbanks for an Adopt-a-Stream program on the Chena River.

The committee plans to compile a resource guide of fisheries and aquatic education resources and materials available for use by educators. The Chairs would also like to update the Directory of Fisheries and Aquatic Educators that was compiled years ago. A fisheries education presentation may be developed for the Chapter Annual Meeting if there is sufficient interest. If you have any questions or suggestions for the Education Committee, please contact us: Mary Faustini, mary_faustini@fws.gov, 262-9863; Laurel Devaney, laurel_devaney@fws.gov, 456-0558. ☺

Meeting, continued from page 1

management and research. The November 9-11 timing of the 1999 meeting should provide the opportunity to observe (and perhaps purchase!) some king crab and groundfish deliveries, and recreational fishing can still be productive for halibut, lingcod, rockfish, and chinook. A Kodiak meeting will also provide special opportunities for members with hunting interests.

Proposals are being solicited for meeting sessions, workshops, and luncheons. Sessions and session chairs (in parentheses) identified to date include: Improvements to Shellfish Assessment and Management (Gordon Kruse and Dan Urban); Groundfish (Tory O'Connell and Jon Heifetz); Telemetry (Doug Palmer); Contributed Papers (no chair yet); and Posters (no chair yet). Potential sessions or workgroup topics also include riparian management, the use of reserves, essential habitat, herring management, ageing techniques, acoustic assessment, and multi-species modeling.

If you are willing to coordinate or participate in a session or workgroup, please submit proposals or abstracts to the session chair or to Bill Bechtol, ADF&G, 3298 Douglas Place, Homer, AK 99603-8027 (e-mail: billb@fishgame.state.ak.us). ☺

Letters Policy

Oncorhynchus welcomes brief letters on topics of interest to Chapter members, reserving the right to edit letters for length and clarity. ☺

ONCORHYNCHUS

Oncorhynchus is the quarterly newsletter of the Alaska Chapter of the American Fisheries Society. Material in this newsletter may be reprinted from *AFS Diary* and *Western Division*.

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Deadline for materials for the summer issue of Oncorhynchus is June 10.

Alaska Chapter's Internet Home Page Address

<http://www.alaska.net/~fishak>

Western Groundfish Conference

The Western Groundfish Conference has been held biannually since 1981 as a forum to disseminate research results and discuss management alternatives for the West Coast's marine resources. The conference is scheduled for 24-28 April 2000 in Sitka, and posters or oral presentations are being solicited.

For more information, contact Tory O'Connell at 747-6688 or e-mail toryo@fishgame.state.ak.us.

International Relations Committee

The International Committee is currently getting organized. Fred DeCicco, ADF&G, Sport Fish Division, Fairbanks, is the new Chair and is looking for a few people who are interested in serving as active members on this committee. The committee has no clear mandate from the EXCOM, so the door is open for innovative suggestions regarding activities or programs that the International Committee can pursue. Sponsoring professional international exchanges, volunteer work overseas, AFS-sanctioned international trips, and AFS-sponsored international speakers at Chapter Annual Meetings are all under consideration.

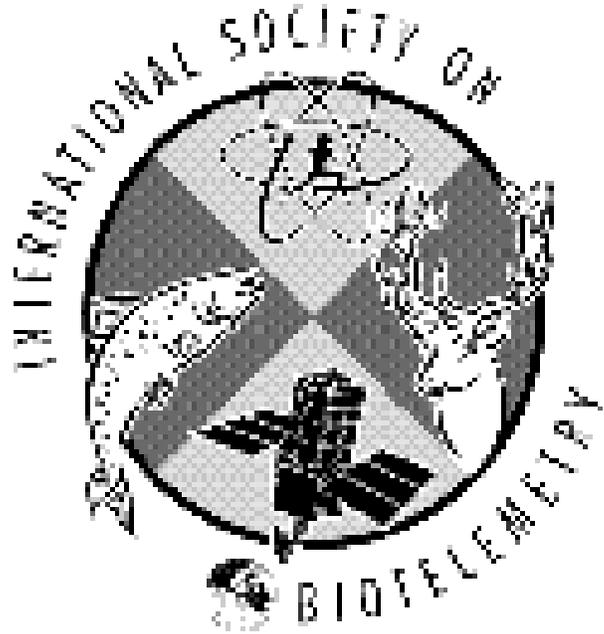
The committee is open for suggestions and looking for a few people willing to serve. If interested, contact Fred at fdecicco@fishgame.state.ak.us.

Distance Delivery Course Offered

Decision Theory and Bayesian Analysis for Natural Resources Management (Fish 693; 4 Credits) is being offered as a distance delivery course in Fall 99 by instructor Milo Adkison. Times are MW 3:30-5:00, Lab Friday 11:30-2:30. Decision analysis and Bayesian techniques are well established in the regulatory fields where they are applied to issues such as threats posed by environmental toxins. Applications have recently begun to appear in fisheries literature. Decision analysis is a tool for finding the optimal decision in situations with substantial risk and uncertainties.

The intent of the course is to bring students to the point where they can do an uncomplicated decision analysis. Most decision analyses require Bayesian statistics. Therefore, this subject will be presented in enough detail that students will learn to perform Bayesian calculations. The student should be comfortable with elementary calculus and statistical theory, in particular statistical distributions and their manipulation. Contact Dr. Adkison (465-6251 or ffmda@uaf.edu) if interested in this course.

Mark Your Calendar
Annual Meeting
Nov. 9 - 11, 1999
Kodiak, Alaska



15th International Symposium on Biotelemetry Juneau, Alaska – May 9-14, 1999

The NMFS Auke Bay Laboratory is hosting the 15th International Symposium on Biotelemetry in Juneau on May 9-14. Scientists from over 20 countries will be attending. Increasingly, telemetry is becoming an important tool in fish and wildlife research for addressing natural resource issues. Unprecedented advances in electronics and telecommunications are providing new approaches and applications that can substantially enhance our ability to meet research and management goals. The conference will encompass a wide range of disciplines, and provide a unique opportunity for researcher, managers, and technical experts to discuss new technologies and applications.

Besides formal presentations, the conference will also provide occasions for informal discussions with technical experts, industry representatives, and users. An evening seminar series will cover topics, such as designing telemetry studies in aquatic systems, and use of GIS. A commercial exhibition highlighting advances in telemetry and telecommunication equipment will be part of the Conference, allowing direct discussion between researchers and vendors.

For information on registration and about the conference, please contact: 15th ISOB Organizing Committee, P.O. Box 35205, Juneau 99803 (Phone 789-6033, fax 789-6094, e-mail john.eiler@noaa.gov). You can also visit ISOB at www.indstate.edu/isb/.

Fish Key Committee

Bill Wilson, Chair

The Fish Key Committee was formed in 1990 to oversee the production of a Key to the Fishes of Alaska, originally drafted by Rae Baxter, retired ADF&G fisheries biologist. The original project was taken on by the Alaska Chapter, and we thought it would be a fairly minimal effort to assist Rae with technical editing and completion of his draft fish key developed over many years as a fishery biologist in Alaska. However, early in the project, Rae was killed, leaving three versions of the uncompleted draft. The Committee reevaluated their options for how to proceed, and eventually started a process for seeking funding, hired a contractor, and began a journey toward revising and completing the work begun by Rae.

For the past many years the Fish Key Committee has been involved with countless meetings and strategy sessions aimed at revising and completing this monumental effort. Fund raising was probably the most elusive task of the Committee, but with valiant efforts on the part of many, including particularly Lyman Thorsteinson, who now is with the Biological Resources Division of USGS in Seattle, the Committee was endowed with sufficient funds to see the project through to completion...at least to completion as we thought that term was defined.

The revisions to the Key proved to be far more than we bargained for, and for the past 6 or 7 years our contractors, Point Stephens Research, who are Kitty and Tony Mecklenburg of Auke Bay, have meticulously gone through the key's hundreds of species accounts and dozens of family descriptions. They have, in this process, evolved the original work into a new book. This has involved the integration and expansion of the data in the book based upon a literature review of the past 10 to 15 years of published literature. They have consulted with experts throughout the world to ensure accuracy in all species descriptions and the most recent information on species range extensions. This effort has made the book a new

Electronic Communications Committee

The purpose of this committee is to maintain a website for the Chapter and provide an e-mail address for browsers to send comments and questions. Norma Jean Sands maintains the website, and Allen Bingham monitors incoming e-mail. The website provides information about the Chapter and our activities and is updated on a bi-monthly basis or as needed. The newsletter is published on the website, as are minutes of Chapter annual business meetings. There is also a list of all committees and committee chairs. So if you wish to know more about a committee and its activities, send an e-mail or call the chair! Our website address is <http://www.alaska.net/~fishak/>. You can also find links to the parent society and other fisheries-related sites.

document, updated and expanded beyond our initial projections.

But it will now stand as a new and comprehensive reference on the taxonomy of all known freshwater and marine fishes found in Alaska and surrounding waters of the North Pacific. The book will certainly stand as a legacy to all the contributors, particularly Kitty and Tony Mecklenburg of Point Stephens Research, and of course the late Rae Baxter. The late Norman Wilimovsky had advised us through the early years of this work, and provided many fish illustrations heretofore unavailable to the public. Of interest is the fact that Wilimovsky's 1952 Alaska fish key was the basis for Rae Baxter's effort, so it was a special opportunity to have his input.

Many have participated in this effort, including dozens of peer reviewers who are experts in each of the family groups, several State and Federal agencies and private individuals who have contributed to the effort over the years, and of course to the Alaska Chapter to whom this "Fish Key Committee" has reported all these years. Remaining tasks include integration of peer review comments on at least half of the book, and preparation of introductory and other sections. The Chapter plans to work with the parent society in publishing the book, hopefully late in 1999.

Call for Wally Noerenberg Award Nominations

Nominations are currently being sought for the Alaska Chapter Wally Noerenberg Award to honor life-long career achievements in fishery excellence. Contributions may include, but are not limited to, fisheries research; technology development; species and habitat management; innovations in harvesting, processing or marketing; academics or fisheries education; and involvement in national or international affairs affecting Alaska fisheries. Nominations should include a short justification about why the nominee should receive the award. Also, feel free to submit any other supportive documentation that may be useful to the Award Committee. A nomination form is in this issue of *Oncorhynchus*. Send your nominations to the Wally Noerenberg Award Chair: Gordon Kruse, ADF&G Division of Commercial Fisheries, P.O. Box 25526, Juneau 99802-5526; phone: 465-6106; fax: 465-2604; e-mail: gordonk@fishgame.state.ak.us.

Errata Notice

The Chapter history brochure included in the last issue of *Oncorhynchus* had two errors. They appear in 1) Telling Ourselves—And Others, 2nd paragraph, 2nd line. Date should be April 1981, not 1991; and 2) Student Unit, 1st paragraph, 3rd line. Date should be February 1987, not 1997. Please make a correction on the brochure if you are so inclined.

Environmental Concerns Committee

The ECC has not been very active since spring 1998 when its last significant effort was to review and comment on the NMFS draft recommendations to the North Pacific Fisheries Management Council for implementing the Essential Fish Habitat program.

Just recently a letter to Alaska state legislators was drafted for EXCOM review. At issue are two pending bills that would preclude State biologists from interacting with Federal biologists. This could have significant ramifications on cooperative interagency research and management. The EXCOM will review the draft letter, with reference to the Chapter's advocacy policy, and make a final decision as to the Chapter's position and any relevant action on this issue.

A number of potential concerns exist that the ECC could become further involved in. Among those are logging effects on interior and southcentral streams; Alaska Board of Fisheries sustainable fisheries project; fisheries population declines, especially forage fish, in the North Pacific and Bering Sea; and poor returns of salmon to western Alaska. For the ECC to be effective, we need volunteers to become committee members. If you are interested in working on any of these issues, or have other environmentally oriented concerns that would be of Chapter interest, contact Chair Eric Knudsen at eric_knudsen@usgs.gov.

Ecotrust Salmon Print Now Available

Ecotrust has been hard at work since 1996 on The Pacific Salmonscape, www.ecotrust.org/salmonscape.html, a publication for release in summer 1999. Part atlas and part anthology, the book will present a bioregional view of the status of Pacific salmon, a whole-system perspective that relates salmon to the integrity of the Northwest landscape, and an investigation of the marketplace that mediates human interaction with fish today.

As a celebration of this work, Duglad Stermer was commissioned to design a colorful print of the five Pacific salmon and steelhead. Revenues from this print help support work on stock status analysis. A sample of the work is available at www.inforain.org, where users can view data and use an interactive mapping feature to explore the status of wild salmon stocks in watersheds in California, Oregon, Washington, British Columbia, and Alaska.

The print is popular with educators, scientists, and the general public. You can see the print at our web site. For more information, contact Philip Engle, philip@interrain.org, Ecotrust Outreach Coordinator, 1200 Northwest Naito Parkway Suite 470, Portland, OR 97209, (503)227-6225.

Awards Rewarding

Rewarding excellence is an enjoyable but challenging task. The Chapter Awards Committee has the difficult job of choosing the best presentations from among the many excellent ones that are given at each Annual Meeting. At the meeting, a team of judges listens to all the papers and looks over all the posters, and rewards the best presentation, best student presentation, and best poster. Each presentation is judged on its content, including the new information it contains and usefulness of the information, as well as the quality of the presentation. Choosing a "best" from among many good presentations is a difficult job. Finding judges is a challenge, too. The Awards Committee is looking for paper and poster judges for the next Chapter meeting.

The Awards Committee also chooses recipients of the Meritorious Service Award for recent outstanding contribution to Alaska fishery science. A nomination form is included in this issue of *Oncorhynchus*. Please list the qualifications of your nominee in as much detail as possible to help the Awards Committee make their choice. If you would like to help out with the committee but don't want to be involved with judging papers and posters at the Annual Meeting, help us choose the Meritorious Service Award recipient.

A new award has been created for outstanding contribution to the Alaska Chapter of AFS. We are accepting nominations for this award.

At the Alaska Chapter meeting in 1998, it was a tie for the best student paper award between Robert Begich, ADF&G Sport Fish, Kodiak, for *Relationship between kelt and spawner abundance in steelhead trout of the Karluk River* and Lisa Thompson, UBC, Fisheries Center, Vancouver, British Columbia for *Effects of nutrient additions to Kootenay Lake, BC, on kokanee salmon: density, distribution, and diet*. The Best Poster Award was given to Eric Kretschmer with ADF&G, for *Genetic relationships among walleye pollock in the eastern Bering Sea and Gulf of Alaska*. His co-authors were Sue Merkouris and Jim Seeb. The Best Paper Award was presented to Phillip Mundy, Fisheries and Aquatic Sciences, Lake Oswego, Oregon, for *Principles and criteria of sustainable salmon management: the salmon fishery evaluation framework*. Gordon Kruse, Marine Fisheries Scientist with ADF&G, was awarded the Meritorious Service Award for 1998 for his outstanding contributions to fisheries science in Alaska.

The Awards Committee consists of Chair Nicky Szarzi. Volunteer judges and helpers include Debbie Burwen, Jim Finn, Molly Ahlgren, and Kate Wedemeyer. If you would like to assist with activities of the Awards Committee, please contact Nicky at ADF&G, 3298 Douglas Place, Homer, AK 99603, phone 235-8191 or e-mail nickys@fishgame.state.ak.us.

Stocks at Risk Committee

The Chapter has reestablished the Stocks at Risk Committee to examine feasibility and cost of extending the status review of Alaska salmon escapements. The Chapter previously undertook the review of Southeast Alaska escapements, and formed the ad-hoc Stocks at Risk Committee to oversee the project. In October 1996, the manuscript “*Evaluation of escapements of Pacific salmon and steelhead in Southeast Alaska*” by T. T. Baker et al. was published in the AFS journal *Fisheries*. This project was funded through a grant from the Pew Charitable Trusts, and was originally intended to include the entire State. Funding and time required narrowing the focus to Southeast Alaska.

Since that time, NOAA has funded ADF&G to develop a statewide escapement data base. That project is nearing completion; information will be more readily available for much of the State. There continues to be interest in a comprehensive review of status of Alaska salmon. The extensive listing of threatened and endangered “evolutionary significant units” of salmon in the Pacific Northwest and California has increased concerns about the health of salmon populations throughout their range. An objective analysis of available data would be a valuable contribution to Alaska and North American fisheries science, providing a benchmark of current status and

Microcomputer Applications in Fish and Wildlife Conference

The conference will be held October 24-27, 1999, at the Caesar’s Tahoe Hotel in State Line, Nevada, and is being hosted by the Organization of Fish and Wildlife Information Managers (OFWIM), AFS Computer User Section, and GIS and Remote Sensing Working Group of the Wildlife Society. The conference goal is to disseminate the latest information, software, and applications used by fisheries and wildlife professionals. The meeting will feature symposia and contributed papers to address all aspects of computer applications, and will have a trade show and demonstration area. For details, contact Kathy Quindlen, OFWIM, Virginia Dept. of Game and Inland Fisheries, 4010 W. Broad St., Richmond, VA 23230-1104; (804)367-9717; kquindlen@dgif.state.va.us.

Executive Committee

The Executive Committee of the Alaska Chapter has asked the Past Presidents Committee (PPC) to provide a technical review of the Alaska Board of Fisheries’ project, Principles and Criteria for Sustainable Salmon Management. The PPC has contacted the ADF&G Commissioner’s Office regarding our intent. The Commissioner’s Office will mail the draft policy to the PPC when it becomes available for public review. Upon summarizing individual reviews, the PPC will prepare draft Chapter comments.

identifying data gaps and priorities. The first task of the Stocks at Risk Committee will be to identify analytical approaches, costs, and potential funding sources for a status evaluation. Chapter members who have ideas on implementation or funding for this process are encouraged to contact Chair Alex Wertheimer at werts@gci.net.

Proposed Bylaws Change

The following language change is proposed for the Alaska Chapter bylaws. The changes are intended to 1) reorganize the document for efficiency, 2) allow for dues adjustments through the resolutions process which requires a two-thirds majority vote, and 3) clarify nebulous wording in the text. A yes vote accepts the changes and a no vote rejects the changes in their entirety. A two-thirds majority of those members voting is required to implement the changes. Send your original *Oncorhynchus* ballot to Dennis Tol, Box 670590, Chugiak, AK 99567 by May 15, 1999.

In the text below, proposed deletions are struck out, and new text is bracketed all capitals. Only text with proposed changes are shown. Sections not shown may be renumbered. The entire document with proposed changes is on the Chapter web site.

Section 4 [3] Officers

In case of a vacated position in the succession, [OFFICERS SHALL SUCCEED FOR THE REMAINDER OF THE TERM AND] the Executive Committee shall conduct a mail-ballot election for the office of First Vice-President.

Section 6 [5] ~~The Executive Committee~~ [CHAPTER COMMITTEES]

~~Section 7 Chapter Committees~~

[FUNCTIONAL] committees and the Chairpersons of committees, except as listed in Section 5-[4] of these Bylaws, shall be appointed by the President as may be necessary for the conduct of Chapter activities.

Section 3 [6] [GENERAL MEMBERSHIP] Meetings

The Chapter shall hold at least one [GENERAL MEMBERSHIP] meeting annually at a time and place designated by the Executive Committee.

Section 8 [7] Voting and Quorum

A quorum at any [GENERAL MEMBERSHIP] meeting for the transaction of official business shall be 20 members of the Chapter.

Section 9-[8] Registration [FEES]

The Executive Committee may assess ~~each registrant attending [FEES] annual meetings of the Chapter a registration fee necessary~~ to cover the costs of the meeting[S] and Chapter activities. [MEMBERSHIP DUES SHALL BE MODIFIED THROUGH THE RESOLUTION PROCESS].

Section 11 ~~Chapter Dues~~

~~Chapter dues are \$10.00 per member per calendar year.~~

1999 AFS Membership Application

Print or type applicant's name in full _____

Address _____

City _____ State _____ Zip Code _____

Nation _____ Membership year* _____

Kindly make checks payable to American Fisheries Society in U.S. Currency or Equivalent.

Please mail to Allen Bingham P.O. Box 221804 Anchorage, AK 99522-1804

Professional recruiting others (PROCLUB) _____

If applicant is a student as defined below, the teacher endorsing him signs here.** _____

Name of institution where student is enrolled _____

Date _____

Please provide phone numbers for directory and Society use only:

Home _____ Work _____

Fax _____

Employed by:

federal gov't. state/prov. gov't. industry academia self

Alaska Dues: \$10.00 Alaska Student Dues: \$5.00

Membership Dues (includes *Fisheries* and Membership Directory)

Regular: \$75.50 (Canadian \$83.50, other than U.S. \$87.50)

Student: \$37.50 (Canadian \$41.50, other than U.S. \$43.50)

Retired: (age 65 or over): \$37.50 (Canadian \$41.50, other than U.S. \$43.50)

Life: \$1,736.00 (includes *Fisheries* and one other journal of choice)

\$15.00 E-Pub via WWW/Internet

1 Prices are for AFS members only

2 Membership not required for subscription

* New members accepted Jan. 1-Aug.31 are credited to full membership for that year. (Back issues of Journals are sent.) Members accepted Sept. 1-Dec. 31 credited

Journal Subscriptions (Optional)

Transactions of the AFS¹ N.A. Journal of Fisheries Management¹

\$38.00 Paper in U.S. \$43.00 Paper other than U.S.

\$15.00 E-Pub via WWW/Internet

Progressive Fish-Culturist² Journal of Aquatic Animal Health¹

\$33.00 Paper in U.S. \$38.00 Paper other than U.S.

to full membership as of next Jan. 1, unless requested otherwise. Membership on calendar year only.

** Bona fide students of fisheries subjects are eligible for Student membership (limited to 6 years). Persons employed full-time not eligible. Teacher endorsement required (see above).

NOTE: Retired membership for Active members upon retiring at age 65.

Sustaining membership for commercial firms, conservation clubs, or others desiring to support the Society. Library Subscriptions include bimonthly *Transactions*, quarterly *North American Journal of Fisheries Management*, *Journal of Aquatic Animal Health*, quarterly *The Progressive Fish-Culturist*, bimonthly *Fisheries*, and Membership Directory.

Oncorhynchus

Allen Bingham

P.O. Box 221804

Anchorage, AK 99522-1804

FIRST CLASS

RETURN REQUESTED - DO NOT FORWARD

1999 Alaska Chapter Officers

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**These are the Executive Committee members.
 Feel free to contact them.**