



# ONCORHYNCHUS

Newsletter of the Alaska Chapter, American Fisheries Society

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### **John E. Skinner Memorial Fund Award**

The John E. Skinner Memorial Fund was established in memory of John Skinner, former Chapter and Western Division American Fisheries Society President. The fund provides monetary travel awards for deserving graduate students or exceptional undergraduate students to attend the American Fisheries Society (AFS) annual meeting. The 2005 meeting will be held in Anchorage, Alaska from September 11-15.

Any student who is active in fisheries or related aquatic disciplines is eligible to apply. Awardees are chosen by a committee of the AFS Education Section. Selection is based on academic qualifications, professional service, and reasons for attending the meeting. Travel support not to exceed \$600 per award will be made available to successful applicants. Award winners will also receive a one year paid membership to the American Fisheries Society.

Applications are available via the AFS web site, [www.fisheries.org](http://www.fisheries.org), AFS campus representative, or contact: Dr. Steven R. Chipps, NPBL 2140B, USGS, South Dakota Cooperative Fish & Wildlife Research Unit, South Dakota State University, Brookings, SD 57007, 605-688-6121, [steve\\_chipps@sdstate.edu](mailto:steve_chipps@sdstate.edu). Completed applications must be received by May 6, 2005. ☺



*AF Koerning hatchery*

### **Alaska Hatcheries Past, Present and Future**

*Bruce White*

In 1934, the Little Port Walter field research station was constructed on Baranof Island and is still in operation today. In 1950, a second federal hatchery was built in Juneau at Auke Creek, followed by three territorial hatcheries in the 1950s (Kitoi Bay, Deer Mountain and Fort Richardson). While these hatcheries contributed to our knowledge of fish culture techniques, they didn't contribute much in the way of enhancing existing salmon returns.

In 1971, in response to declining commercial salmon harvests, the Alaska legislature created the Fisheries Rehabilitation, Enhancement and Development Division (FRED) within the Alaska Department of Fish and Game (ADF&G). The division's mission was to supplement wild salmon harvests with hatchery produced fish, while not adversely impacting the wild salmon resource. A few years later, in 1974, the legislature authorized private non-profit (PNP) salmon hatcheries to allow user-group participation in rebuilding Alaska's depleted stocks. This legislation led to the formation of regional aquaculture associations.

By 1980, there were 18 state, 12 PNP and 3 federal hatcheries. In 1988, The Aquatic Farm Act allowed state owned hatcheries to be contracted to the private sector, effectively transitioning the state out of hatchery operations. That year, the total number of salmon hatcheries peaked at 48. Today, there are 27 PNP, 2 state, and 2 federal hatcheries actively operating across Alaska.

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## The President's Column

Hal Geiger

It's spring again. The varied thrushes (*Ixoreus naevius*) are making that clear in southeast Alaska. In my mind, their call is the most evocative sensation of spring, and spring this year means that it is time for me to try and reflect on the time I have spent as the Chapter president.



The first thing that comes to mind is the passing of our friend, colleague, and Chapter president Molly Ahlgren. I knew Molly for years, but I didn't really know her well until about a year and a half ago. Molly and I got to know each other better when we spent time together at the National AFS meeting in Wisconsin last year. Working with her to plan last year's Chapter meeting in Sitka is what really made me feel like we were friends. If there are any of you that don't know what happened, less than two weeks after our last Chapter meeting Molly Ahlgren died in a boating accident. Molly was a volunteer EMT and she was called out on what turned out to be a very minor emergency. She and her companions were responding in a small boat, the boat hit a rock, Molly sustained a serious head injury, and she was gone. She was an associate professor of environmental science at Sheldon Jackson College, and the most certain thing I can say about her was that she was a respected and completely devoted teacher. Everyone that attended the Alaska Chapter meeting in Sitka just before her death will remember a series of images of Molly, full of life, enjoying every minute of the meeting she put together – introducing Ray Troll at the dinner, joyfully overseeing all the silliness surrounding the minnow-race fund raiser for the students, ensuring that students were included in every aspect of the meeting, telling stories how she took up ballet in her 40s, or completely serious as she talked about what she wanted to do with the Chapter this year – the year when she would have been president.

The next big issue on my mind – and our Chapter's main goal for this year – is the upcoming national meeting that our Chapter is hosting in Anchorage, September 11-15. This meeting will be dedicated to the memory of Molly Ahlgren, which is fitting and appropriate. But I think Molly's friends will agree with me when I say that actually doing something – accomplishing something challenging – would be far more valuable to Molly than a couple thousand scientists and colleagues dedicating an

important and visible scientific meeting to her memory. To that end, I hope that this dedication will bring attention to The Molly Ahlgren Scholarship Fund, which our Chapter is administering. If so, this dedication may result in some donations, which will help a student through school – and helping students was Molly's principal mission. Maybe this dedication will motivate a few of her friends and people that knew her get up and do something challenging. Molly looked for challenges. And she met them too. That's what her life was all about. In any event, this meeting in Molly's memory is shaping up to be the largest gathering of the American Fisheries Society ever assembled.

In thinking about the passing of Molly, and in thinking that she would have been writing this very column had she not died, I have been wondering what the rest of us are doing with the challenges placed before us. There are signs everywhere – in newspapers, scientific journals, and in popular outlets like *Scientific American* – that science and the scientific approach to inquiry about the world around us are under assault by our government. Of course it is not an unprecedented assault. A national commitment to free and open debate about scientific issues and respect for the scientific method is relatively new, and very fragile. Free scientific inquiry in this country or within this state comes with a price; it's not free.

Right now the federal government is either forbidding some kinds of research or is making it quite clear how the results must turn out if the scientists involved want to remain in the game. Closer to home, the current administration *de facto* denies that global warming exists, and appears to be out to suppress scientists – especially some federal scientists – that are documenting its existence. A few of our Chapter members have told me stories about the death of federal research projects with obvious ties to global warming or about pressure on them. Right here in our home, in our state, right now, global warming is affecting our fish resources, affecting our oceans, and affecting the people that live here. These changes don't look good for the people that will be living here in the not too distant future either.

In the 1960s, medical scientists had to confront the Tobacco Lobby and their allies in the government. They accepted the challenge to step up and say there is no scientific issue about whether or not someone should have the right to smoke, but the scientific evidence is clear enough that smoking does cause cancer. The Tobacco Lobby didn't like it, elected officials from tobacco-producing states didn't like it, but that was the challenge. In fact, the same underlying arguments are similar to what we are hearing today about whether carbon emissions contribute to global warming. The industries that benefited from the sale of the product in question, and their allies in government, insist that any uncertainty invalidates conclusions drawn from the overwhelming weight of evidence and broad consensus among scientists; they claim that any uncertainty makes it impossible to conclude that use of the product comes with an undesirable

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### ONCORHYNCHUS

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Editor

John Thedinga

Auke Bay Laboratory

11305 Glacier Hwy, Juneau 99801-8626

(907) 789-6025, Fax 789-6094

John.Thedinga@noaa.gov

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Production

Connie Taylor / Fathom Graphics

P.O. Box 200448

Anchorage 99520-0448

Phone/Fax (907) 272-3305

mct@alaska.net

Alaska Chapter's Internet Home Page Address

<http://www.fisheries.org/afs-ak/>

**AF Koerning Hatchery**, from page 1

ADF&G oversees and regulates all state and private sector salmon rehabilitation and enhancement projects. Since protecting Alaska's natural wild stocks is paramount, a rigorous permitting system was implemented that includes departmental review, public hearings, and commissioner approval prior to allowing a permit to build a hatchery. Permits are also required once hatcheries are built to take and transport eggs, and to release fish. Geneticists, pathologists and biologists review permit applications prior to issuing or altering these permits.

Once in operation, hatchery managers are required to provide ADF&G with annual reports that include; the number of eggs taken, the number of fish released, and the number of fish that returned. The total fish return includes the hatchery contribution to the commercial common property fisheries for each gear group, the number of fish harvested by the hatchery and sold for revenue (cost recovery), and contributions to the sport, personal use, and subsistence fisheries. These contributions are estimated by sampling the harvest for coded wire tags or thermal marks unique for each hatchery.

Since 1990, the number of eggs taken and fish released from hatcheries has remained relatively stable. Statewide, in 2004, hatcheries took over 1.7 billion eggs, and released over 1.6 billion fish. In 2004, hatchery returns topped 46 million fish while in 2003, a record setting 80 million hatchery origin salmon returned.

Both commercial fishermen and sport anglers have benefited significantly from enhanced salmon production. Statewide in 2004 there were over 42 million hatchery produced fish in the commercial harvest (25% of the total harvest). The commercial common property harvest (commercial harvest minus the cost recovery harvest) consisted of 14% enhancement program produced fish in terms of numbers and 12% enhanced fish in terms of value. Over 388 thousand Alaska hatchery produced fish

**President's Corner**, from page 2

outcome. The evidence that greenhouse gases are causing global warming is at least as good as the evidence that smoking caused cancer in the early 1960s, and far better than the evidence our government is currently using to make major public policy in other areas. We see our governments accepting any evidence, no matter how flimsy, sloppy, or unsubstantiated for politically popular conclusions. The real issue here is whether as a society we want sloppy, politically motivated, conclusion-driven research or do we want a free, independent, honest look at scientific questions that relate to public policy.

So what's that got to do with us? As a scholarly society properly concerned with environmental change, we should be stepping up and summarizing what we have collectively learned. We should be accepting the challenge to lend our prestige and our voice to the proposition that greenhouse gas-induced global warming is an imminent threat to the environment our children are going to live in, and to the fishery resources they may need to feed

representing 10 species (chinook, coho, sockeye, pink, and chum salmon; steelhead, lake and rainbow trout; arctic char and grayling) were harvested by sport anglers.

In southeast Alaska, enhanced fish accounted for 11% of the commercial common property harvest, and 23% of the value. In 2004, 4.5 million enhanced chum salmon were harvested in the common property fishery.

In Prince William Sound, hatchery contributions to common property harvests, while lower than in previous years, accounted for nearly 64% of the common property harvest.

In Cook Inlet, over 18% of salmon caught in the commercial salmon fisheries originated from hatcheries. In Kodiak, enhanced salmon accounted for approximately 11% of the common property harvest. The majority of the enhanced fish harvested in both of these regions were pink and sockeye salmon.

Today, the Alaska salmon enhancement program has matured and is stable. Hatcheries continue to produce substantial numbers of salmon for commercial, sport, personal use and subsistence users, while not adversely affecting the wild resource. The decline in wild salmon prices has necessitated improved efficiencies and creativity by hatchery operators to increase the return and value of cost recovery fish.

In addition to directly benefiting the various fishery user groups, hatcheries serve as economic engines by providing indirect support to many shore side fisheries related businesses and by providing additional employment opportunities in the seafood and service industries.

Combined with sound fisheries management practices that ensure adequate protection for wild stocks, hatcheries should continue to play an important role in enhancing Alaska's salmon fisheries and the state's economy far into the future. Note: 2004 Harvest numbers are preliminary. 🐟

themselves. Even more importantly, we should be standing up for free, honest, scholarly, scientific debate.

Many years ago, before the Internet, I called Directory Assistance in Maryland to get the phone number for the national American Fisheries Society office – and I am not making this up. Several times I said “I want the number for the American Fisheries Society.” Several times the incredulous operator repeated back “I don't see a listing for a fishin' society.” As the conversation rolled downhill, every time I said the “American Fisheries Society,” she repeated back to me a name like, “American Association of Fishing,” and my favorite “Fishing Society of America.” Eventually she terminated the call with, “Look, I told you, there ain't no fishin' society!” We as professionals – individually and collectively in our professional society – have been presented with a number of challenges having to do with environmental concerns in Alaska and with promoting free scientific debate. These are our opportunities to prove that we are more than just a fishin' society. 🐟

## Fairbanks Student Chapter Activities

*Miranda Plumb*

The Fairbanks Student Chapter of the AFS would like to share some notable highlights of our activities from this past year. We participated in the Alaska Statewide High School Science Symposium (ASHSSS). This is a University of Alaska (UAF) outreach program in support and celebration of secondary students conducting original scientific research, usually with the guidance of a mentor. Students whose papers are accepted for competition present the results of their work at a symposium in a manner similar to that of a professional conference. The ASHSSS is a regional event, with winners going on to participate in the National Junior Science and Humanities Symposium (JSHS), in San Diego, California. Winners at JSHS will continue on to compete at the London International Forum. The Fairbanks Student Chapter presented an award for Best Aquatics Paper. This was the first year that we attended ASHSSS and we are



committed to making this an annual affair. We hope that our participation will generate more interest in aquatic sciences.

Nicole Jeffery, from Barrow High School, was selected for the Best Aquatics Paper award winner by our Fairbanks Student AFS judges. She presented her work entitled “Genetic Variability and Heterozygosity in the DRB1 Gene of the Major Histocompatibility Complex I Farmed and Wild Chinook Salmon and Wild Sockeye Salmon”. She received a \$200 cash award and a one-year student membership to the AFS. The Alaska Chapter of AFS assisted the Fairbanks Student Chapter in sponsoring this award. They generously agreed to match the \$100 that the Fairbanks Student AFS awarded, and also added the one-year student membership.

The Fairbanks Student Chapter also sponsored a Continuing Education Course at the University of Alaska Fairbanks campus. The course, “GIS and Remote Sensing in Freshwater Systems”, was a 2-day workshop and introduced attendees to the basics of ArcGIS 9 and its extensions. GIS concepts were covered, with the emphasis on building GIS maps for fisheries biologists, and offered practical exercises that are relevant to working in freshwater systems in Alaska. The instructors for this course were Drs. Cherie Northon and Thom Eley of Mapping Solutions in Anchorage. They also taught the Continuing Education ArcGIS course at the 2004 Alaska Chapter annual meeting in Sitka. ☺

## AFS Award of Excellence — Final Call for nominations

The AFS Award of Excellence, the Society’s highest award for scientific achievement nominations are due May 5, 2005. The award consists of a bronze medal; a plaque, and honorarium. The award is presented at the annual meeting of the Society, this year in Anchorage, Alaska. Nomination materials can be sent via electronic, mail or fax. Materials should include a detailed letter of nomination to address award criteria, vitae of nominee, and additional supporting materials as needed. Send nominations to: Christine M. Moffitt, Chair, AFS Award of Excellence, Cooperative Fish and Wildlife Research Unit, Department of Fish and Wildlife Resources, University of Idaho, Moscow, ID 83844-1136, 208-885-7047, fax 208-885-9080, [cmoffitt@uidaho.edu](mailto:cmoffitt@uidaho.edu).

### Criteria for selection:

- a. A monumental work, or
- b. Original techniques or research methods, or
- c. New, fresh ideas, viewpoints, or data which contribute remarkable to conservation management or basic understanding of aquatic resources, or
- d. A new successfully executed fishery research or management program of national or international importance or
- e. Imaginative an successful programs in fish conservation, education at any level of teaching or graduate student guidance, or
- f. Important faunal or ecological discoveries or new taxonomic criteria, or
- g. Research especially beneficial to mankind, or
- h. Interdisciplinary research involving leadership in team efforts in the laboratory or field, or
- i. Multiple successful efforts in a variety of field such as biology, public understanding, technical and popular writing, laboratory and filed research, inspiration leadership, enunciation of principles.

### Specification and limitations:

- a. Award recipient must be living at the time of selection
- b. The award will not necessarily be made annually, but will be made only in such years, as there is substantial or unanimous agreement among members of the Award of Excellence Committee than an award is justified. ☺

## Chapter Committee Reports

### Cultural Diversity Committee

*Jerry Berg and Lisa Stuby, Co-Chairs*

The Cultural Diversity Travel Award was redefined this past year as we continue to improve on our goal of getting young energetic people involved with the chapter. The award helps fund entry-level applicants who are involved in the natural resource field to attend the annual Alaska Chapter Conference. The travel award was redefined to allow the committee to select multiple recipients. The committee selects the top candidates and then tries to get as many recipients to the meeting as possible depending on the meeting location and the location of the candidates. The goal is to help diversify our Chapter membership and get young upcoming people active with AFS. The Cultural Diversity Committee endowment is now over \$12,000 and was reinvested this past year in hopes that the interest being earned can better meet the needs for the annual award.

We solicited applications from around the state and received applications from six highly qualified individuals. The committee selection process is always very challenging and choosing between such highly motivated and energetic young biologist types is extremely difficult. An added difficulty this year was the fact that one of the top two candidates we selected was from Bethel and the costs associated with funding his travel to the meeting exceeded the award amount. However, the ADF&G volunteered to pay his airfare to the meeting. In addition, they helped out by waiving his registration and banquet ticket. This allowed us to fund two recipients to the meeting this year.

The 2004 recipients were Mike Martz and Tyler Dann. Mike is currently working as a Fishery Biologist I for ADF&G, Commercial Fisheries Division, in Bethel. He grew up on the YK Delta and has already worked many years on Yukon and Kuskokwim River fishery issues. Mike currently helps coordinate the Kuskokwim River Salmon Management Working Group and works on many other tagging, weir, and harvest assessment projects throughout the Kuskokwim drainage. Tyler is currently working on getting a masters project together at the UA Juneau campus. Tyler is a graduate from Whitman College and has worked for ADF&G on various fishery research projects for the past three summers. He has a keen interest in the genetic relationship of St. Lawrence Island grayling to other Beringia grayling and salmon research and hopes to frame his masters work around this issue. Please take some time to congratulate Mike and Tyler for their awards and help welcome them to the Alaska Chapter.

The Cultural Diversity award application and rating criteria were slightly adjusted this year in our efforts to make it better. Our committee is always faced with difficult decisions with such highly qualified candidates. We will continue to make improvements to the application process and make adjustments in the rating criteria to better fit the needs of the Chapter.

### Environmental Concerns Committee

*Alisa Abookire, Chair*

A brief history of the Environmental Concerns Committee demonstrates the lack of activity for this committee. In 2001 and 2002 no reports were presented at the Business Meeting. In 2003 no report was presented, but the minutes show that “after some discussion, it was determined that there is currently no committee chair”. Although there was no report presented in 2003, the committee was active - in February 2003, Cecil Rich was instrumental in compiling a letter to Governor Murkowski urging him not to transfer habitat permitting from the Department of Fish and Game to the Department of Natural Resources.

My recollection is that Cecil Rich began chairing the EC committee after the 2003 meeting in Fairbanks. In February 2004, Cecil accepted a job out of state, and I agreed to be a temporary chair. Cecil told me there was a pending issue with a co-op initiative to make a brochure to educate the public (especially home owners in urban areas) about riparian zones. Cecil thought we might coordinate a review of the brochure and offer help with printing and distributing – but that project dead-ended when my several emails elicited no response from folks working on the brochure. A future committee chair might have more luck being included in that project.

A second and more current issue is one that the TWS brought to our attention regarding water quality. Several mines wish to dispose of their tailings (which contain cyanide and other leachate contaminants) by submerging them in the headwaters of watershed that contain subsistence and sport salmon fisheries. This is an important and appropriate issue for AFS to address but I’m not qualified to take the lead on this. While I am willing to remain on the EC committee, I would like to step down as Chair.

### International Relations Committee

*Fred DeCicco, Chair*

The International Committee was not active in 2004. However, members participated in various meetings and symposia. I attended a char conference in Sweden in September, Gordon Haas attended a char workshop in Scotland in July, and Nick Hughes is currently in New Zealand working on brown trout behavior.

### Past Presidents Committee

*Carol Kerkvliet, Chair*

The Past Presidents Committee met during a luncheon at the 2004 Sitka annual Chapter business meeting. The following AFS members attended: Past Presidents (Buck Bryant, Kate Wedemeyer, David Wiswar, Bill Wilson, and Carol Kerkvliet), President-elect Molly Ahlgren, and President Tim Joyce. Discussions included completion of the long-range financial plan and committee vacancies.

Past presidents were directed by the membership at the 2001 Sitka chapter business to develop a long-range financial plan. After several draft plans, comments from

past presidents, and meetings, Bill Wilson and Bill Bechtol submitted a financial plan to the Executive Committee in 2004. During the 2004 Sitka luncheon, Tim Joyce reported on the implementation of the long-range financial plan, which was submitted to the membership for approval at the business meeting.

Vacancies of committee chairs and members were also discussed at the luncheon. Recruitment ideas

discussed included recruiting students to committees through incentives such as paid membership for their participation. Of particular concern were vacancies in the Environmental Concerns Committee. The nature of this committee requires committee members with diverse expertise because of the potential variety of concerns the committee may face. Past Presidents were asked to help identify potential individuals to join committees. ☺

## Meetings and Announcements

### 4th Sea Grant sponsored AFS Symposium

The symposium, Partnerships for a Common Purpose: Cooperative Fisheries Research and Management, will be part of the 135th AFS Annual Meeting being held in Anchorage September 11-15, 2005. The symposium is co-sponsored by approximately 20 government agencies (principally NOAA's National Sea Grant Office and National Marine Fisheries Service), constituent organizations, academic/research institutions, and the American Fisheries Society. The goals of the symposium are to review and build upon the current understanding of cooperative fisheries research and management programs by discussing lessons learned, characteristics of successful programs, and future opportunities. The symposium program is divided into three parts, with panel sessions addressing questions aimed at promoting panelist and audience discussion. Discussions will be moderated to facilitate extensive audience participation. For more information contact: Alesia Read, [aread@fisheries.org](mailto:aread@fisheries.org), 301-897-8616 x 222.

### 23rd Lowell Wakefield Fisheries Symposium

This symposium, Biology, Assessment, and Management of North Pacific Rockfishes will be held as part of the 2005 AFS annual meeting, Sept. 11-14, 2005 in Anchorage. The goal of this symposium is to convene scientists, fishery managers, and industry to discuss rockfish biology, taxonomy, assessment techniques, and management strategies to promote sustainability and conservation on both sides of the North Pacific. It is also a prime opportunity to address future research needs.

For more information regarding this symposium, contact Sherri Pristash, Symposium Coordinator, 907-474-6701, [fyconf@uaf.edu](mailto:fyconf@uaf.edu), or visit <http://www.uaf.edu/seagrant/Conferences/rockfish/info.html>.

### First International Symposium on the Management & Biology of Dogfish Sharks

This symposium will be held at the University of Washington School of Fisheries and Aquatic Sciences June 13-15, 2005. The spiny dogfish (*Squalus acanthias*) is one



of the most abundant of shark species in the world. It has supported commercial fisheries in both the Pacific and Atlantic Oceans but signs of overexploitation have now appeared in some locations. This has generated interest in the ecology, conservation, and recovery of dogfish species. Thus, it is timely that the latest information and expertise be collected and examined. This symposium will seek recommendations for management actions to foster the recovery of depleted populations, as well as measures to conserve the species and to sustain fisheries in the future. Since semi-tropical fisheries on dogfish frequently capture Mustellus species, the symposium will feature a special section to examine similarities and fishery potential for these species in developing countries. For more information visit [http://wdfw.wa.gov/fish/dogfish\\_conference](http://wdfw.wa.gov/fish/dogfish_conference).

### 26th Annual International Wetlands Meeting

This meeting will be held June 5-10, 2005 in Charleston, South Carolina. The conference will focus on ecological, landscape, and regulatory transformations using the wetlands typified by the Southeastern U.S. Coastal Plain as a model. For more information visit <http://www.sws.org/charleston2005/index.htm>.

## AFS 2005



Make plans now to come to the 135th Annual Meeting of the American Fisheries Society, co-convening with the annual meetings of the Western Division and Alaska Chapter, along with the Lowell Wakefield Symposium! The meeting is in Anchorage, 11-15 September 2005. The

AFS 2005 Program Committee received an overwhelming response to its call for papers and posters. The program will consist of over 880 symposium and contributed talks and about 700 posters, more presentations than any previous AFS meeting. Please note that excellent Symposia, Contributed Paper, and Poster sessions are scheduled for all four days of the meeting, with a full schedule through 5:40 PM on Thursday, so make your plans to stay for the entire meeting. Visit the Meeting web site for more information, <http://www.wdafs.org/Anchorage2005/index.htm>. ☺

## Continuing Education: Technical Writing Workshop

*Toshihide Hamazaki*

Haunted by an unfinished manuscript or report? Want to improve your writing? Invest 4 days learning skills that will empower your writing and make you a more effective, and efficient, communicator. Dr. Jud Monroe is coming to Kodiak for the first time to offer his highly praised technical writing workshop. Participants will learn general approaches to clear, effective writing and how to adjust their writing to the specific needs of management, regulatory, and scientific audiences. The workshop emphasizes immediate practical application of techniques: participants spend mornings learning techniques for specific stages of the writing process, then devote afternoons to applying and exploring these techniques on their own manuscripts. Participants must bring a technical / scientific paper or report to work on. Dr. Monroe will provide editorial feedback on each participant's manuscript until it is finalized, even after the conclusion of the workshop, if necessary (up to one year from the course date).

This course is limited to 25 participants. Register by April 25, 2005. The class will be held May 9-12, 2005

at the Kodiak Fisheries Research Center, 301 Research Court Kodiak, AK 99615. The Cost is \$375 for AFS members and \$425 for nonmembers. For information, please contact Toshihide "Hamachan" Hamazaki (AKAFS CE Coordinator), [hamachan\\_hamazaki@fishgame.state.ak.us](mailto:hamachan_hamazaki@fishgame.state.ak.us), (907) 267-2158. For questions about registration and payment contact Ray Hander, [ray\\_hander@fws.gov](mailto:ray_hander@fws.gov), (907) 456-0402.

Early registration is recommended because classes fill quickly. Fees are fully refundable if notification is received by phone or email by April 25 2005; after that, the full event fee will be charged. Substitutions are accepted at any time prior to the course.

AFS reserves the right to cancel course dates due to insufficient enrollment. Students will be notified of cancellations within 10 working days of the course start date. If a course is cancelled for any reason, AFS will return prepaid registration fees.

For those who travel to Kodiak for the workshop and need accommodations, contact Best Western Kodiak Inn, 236 Rezanof Drive, Kodiak, Alaska 99615, phone: 888-KODIAK-4.

## Volunteers for 2005 AFS Needed!

*Lisa Seeb*

We need lots of help at the upcoming 2005 AFS International Meeting, Sept. 11-15, and volunteers are also needed for activities building up to the meeting, especially starting on Thursday thru Saturday before the meeting. Come have fun and help make this a successful and a memorable meeting for all. There's a job, either big or small, for everyone. We need volunteers in the following categories: AV tech support, registration, packet stuffing and name tags, raffle and door prizes, recycling, transportation coordinator, ADA coordinator, T-shirts, media office, cell phones, general coordination, etc. Please send us your name, phone, email, and interest to Lisa Seeb, [oketase@yahoo.com](mailto:oketase@yahoo.com) or Joe Sullivan, [joe-yrdfa@alaska.com](mailto:joe-yrdfa@alaska.com). For information on the Meeting visit the web site, <http://www.wdafs.org.Anchorage2005/>.

## Dues-Dues-Dues

*Allen Bingham*

This issue of *Oncorhynchus* has been sent to a number of AFS or chapter members who failed to renew their membership for 2005 as (1) an invitation to renew their membership and (2) to provide a one-time "bonus" issue of the newsletter to get the word out about this year's annual conference (AFS 2005 – ANCHORAGE). If you choose not to renew your membership --- this will be the last issue you receive this year!!!

Please check your mailing label to verify that your membership with the AFS and the Alaska Chapter is current. For example, if your label is:

2097 A                    0402  
Dolly Varden  
1144 SALVELINUS LN  
ANCHORAGE AK 99702-1234

In this example the last four digits on the first line of the mailing label indicate your Dues Paid Through

information. The first two numbers indicate the year through which your Parent Society dues are current in this case 2004 (note that Life members are automatically coded as 9999, and non-Y2K compliant printed as 99, but the letter after their member number is L). The last two numbers indicate whether you are current in the Alaska Chapter of AFS. In this example, the member last paid in 2002. If your Chapter Dues are coded "33" this means (according to our records) that you've never paid Chapter Dues.

If your first two numbers are not 99 or 05, then PLEASE BRING YOUR PARENT SOCIETY DUES UP TO DATE. Also, if your last two numbers are not 05, then PLEASE BRING YOUR CHAPTER DUES UP TO DATE. **See the membership application information on the back cover of the newsletter for renewal procedures.** Thank you for attending to this matter.

If your records indicate that our dues information for you appear to be incorrect, please contact Allen Bingham at (907) 267-2327 or [Allen\\_Bingham@fishgame.state.ak.us](mailto:Allen_Bingham@fishgame.state.ak.us).

# Oncorhynchus

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

**RETURN REQUESTED - DO NOT FORWARD**

## 2005 Alaska Chapter Officers

**President** Hal Geiger, ADF&G/CF, P.O. Box 240020, Douglas 99824-0020, 907-465-4257, [Harold\\_J\\_Geiger@fishgame.state.ak.us](mailto:Harold_J_Geiger@fishgame.state.ak.us)

**President-Elect** Scott Maclean, ADNR, Habitat Mgmt. & Permitting, 550 West 7th Ave., Suite 1420, Anchorage 99501, 907-269-6778 wk, 907-622-6245 hm, [scott\\_maclean@dnr.state.ak.us](mailto:scott_maclean@dnr.state.ak.us)

**Vice President (Acting)** Carol M. Kerkvliet, Sport Fish Division, ADF&G, 3296 Douglas Place, Homer, 99603-8027, 907-474-6044

**Treasurer** Ray Hander, Fairbanks Fish and Wildlife Office, 101 12th Ave., Room 222, Box 17, Fairbanks 99701, 907-456-0402, Fax: 456-0454, [ray\\_hander@fws.gov](mailto:ray_hander@fws.gov)

**Secretary** Bob Piorkowski, ADF&G/CF, 1225 W. 8th St., Juneau 99802, 907-465-6109, [Robert\\_Piorkowski@fishgame.state.ak.us](mailto:Robert_Piorkowski@fishgame.state.ak.us)

**Past President** Tim Joyce, USFS, PO Box 280, Cordova 99574-0280, 907-424-4747, Fax: 424-7214, [tjoyce@fs.fed.us](mailto:tjoyce@fs.fed.us)

**Student Unit President** Kyle Deerkop, Sheldon Jackson College-225 801 Lincoln Street, Sitka 99835, [kdeerkop@yahoo.com](mailto:kdeerkop@yahoo.com)

**Feel free to contact the Executive Committee members.**

## 2005 AFS Membership Application

**You can JOIN the AFS and the Alaska Chapter on-line (or by fax/phone), see <http://www.fisheries.org/html/membership/choicenew.shtml> for details, or fill out the application form and process as noted below.**

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 drawn on a U.S. bank.

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 \_\_\_\_\_ Email \_\_\_\_\_

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 (North America): \$76.00 (Other than North America, \$88.00)  
 Student (North America)\*\*: \$38.00 (Other than North America, \$44.00)  
 Young Professional\*\*\*: \$38.00  
 Retired (North America): (65 or over): \$38.00 (Other than North America \$44.00)  
 Life (All): \$1,737.00 (includes *Fisheries* and one other journal of choice)

<sup>1</sup> Prices are for AFS members only <sup>2</sup> 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 to full membership as of next Jan. 1, unless requested otherwise. Membership on calendar year only.

### Journal Subscriptions (Optional)

- Transactions of the AFS<sup>1</sup>  N.A. Journal of Fisheries Management<sup>1</sup>  
 \$43.00 Paper in North America  \$48.00 Paper other than N.A.  
 \$25.00 E-Pub via WWW/Internet  
 North American Journal  Journal of Aquatic Animal Health<sup>1</sup>  
 of Aquaculture<sup>2</sup>  \$41.00 Paper other than N.A.  
 \$38.00 Paper in North America  \$25.00 E-Pub via WWW/Internet

\*\* 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).

\*\*\* Within 3 years of graduation.

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.