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Wally Noerenberg Award

Doug Palmer

Lance Trasky was selected as the recipient for the 2004 Wally Noerenberg Award. Lance Trasky was a fisheries biologist with the Alaska Department of Fish and Game for over 30 years. Early in his career, Lance worked for the Commercial Fisheries Division as a research biologist in the Arctic and Yukon regions. From 1974 through 2003, he worked for the Habitat and Restoration Division in a series of research, planning, and management positions with increasing responsibilities. In 1983, he was promoted to the Regional Supervisor position for the Western and Southwestern Regions and assumed the same responsibilities for the Southcentral Region when these areas were consolidated.

Lance possessed an impressive management style that directed, motivated and empowered a cadre of experienced and competent staff to protect, enhance and restore fish and wildlife habitats in the state of Alaska. This was accomplished through extensive coordination efforts with a multitude of federal and state agencies, private developers, Alaska Natives, non-governmental organizations, and the general public. Under Lance's leadership for the past twenty years, the State of Alaska has supported wise resource development while protecting Alaska's fish and wildlife resources. These development projects have ranged from simple private landowner construction to major oil and gas development projects and multi-million dollar highway constructions. The restoration of degraded fish and wildlife habitats was also an important function that Lance directed. The conservation efforts he has facilitated and directed have truly made Alaska a better place for fish and wildlife and for residents and visitors who value these resources. 🐟



A sperm whale surfaces near a longline boat off the coast of southeastern Alaska.

Sperm Whale Interactions with Longline Fisheries in the Gulf of Alaska

Jan Straley and Tory O'Connell

For a number of years, fishermen off Sitka have reported that sperm whales (*Physeter macrocephalus*) were eating blackcod or sablefish (*Anoplopoma fimbria*) from their longline gear as the gear was being hauled back to the boat. The problem seems to have intensified since 1994 when fishermen received seasonal quotas and the fishery expanded from a few weeks to eight months a year. Although no cases of entanglements of sperm whales resulting in serious injury have been reported in Alaska, the potential exists, and fishermen are being affected economically by this behavior. In the spring of 2003 a group of fishermen, managers and scientists were funded for two years by the North Pacific Research Board (NPRB) to cooperatively investigate this problem in the hopes of recommending deterrents to reduce this behavior by sperm whales.

To achieve this goal we needed to know more about the whales involved in the depredation because little is now known about the sperm whale population in Alaska. We also needed to understand the spatial and temporal patterns of sperm whales on the fishing grounds and their interaction with longline vessels and gear. In 2003 and 2004, we used photo-identification to identify 34 individual whales and had one whale re-sighted in both years. A mark-recapture closed model (Chapman estimator) estimated 134 (53-269, 95% confidence interval) sperm whales present in our study area along the outer coast of northern southeastern Alaska. Using a crossbow with a small dart

Continued on page 2

tip, we obtained skin samples from 12 individual whales. Six samples collected in 2003 were sexed as male (2004 samples are still being analyzed). A group of ten fishermen



documented, through log books and photographs, data on numbers of fish caught, the presence of sperm whales and evidence of depredation on their catch. Shredded fish and lips remaining on hooks are good indications that sperm whales have been working their gear. Results from 2003 determined that 64% of the sets with whales present during the haul had

evidence of depredation, however, the amount of fish taken varied greatly by each vessel and set.

This depredation behavior by sperm whales is not a new phenomenon. In 1904, hooks were found in stomachs of sperm whales harvested near the Shetland Islands indicating that perhaps those whales had been stealing fish prior to being caught themselves. Since then, sperm whales have been taking fish off longline gear in nearly all of the world's oceans. Commercial harvest of sperm whales in the Gulf of Alaska ended in 1988 and, although they are thought to be recovering and no longer threatened with extinction, they are still considered endangered in U.S. waters.

The first season we found that the sperm whales were very vocal and these sounds, also known as "clicks," were intense enough to generate echoes off the ocean floor and surface. These echoes could be used to obtain range and depth fixes of the animals underwater and the whales can be tracked at depth. Knowing where the whales were feeding in the water column was an important question to answer, and NPRB funded an acoustic component during the second year of the study. This past summer we attached a set of autonomous acoustic recorders to the anchor lines of a longline deployment, effectively converting the fishing gear into a vertical acoustic array deployed 200 m beneath the surface. The array recorded

the sounds made by the fishing vessel and fishing gear at all times between deployment and retrieval. We also collected sounds produced by fishing vessels, winches and the gear. The dive trajectory of one whale present near a longline vessel hauling indicated that it was diving at depths of only 50 m. Additionally, we found whales with no vessels nearby who were naturally foraging in the midwater column between depths of 200 and 300 m.

Stomach samples from sperm whales examined at historical whaling stations in Alaska revealed that cephalopods were important food in the western Aleutians and Bering Sea but that fish, including blackcod, became progressively more important towards the eastern Aleutian Islands and into the Gulf of Alaska. It is apparent that the conflict between fishermen and sperm whales is an overlap spatially and temporally for the same resource; blackcod, a normal prey of sperm whales in this area.

The initial phase of this study proved successful in finding sperm whales near fishing vessels and evaluating the magnitude of the depredation. The acoustic component demonstrated the ability to detect and track sperm whale activity under natural foraging conditions, as well as around deployed longline gear when the vessel is both present and absent. The results to date suggest that vessels hauling longline gear produce distinctive sounds that could serve as cues to the sperm whales, and that sperm whales present near vessels are swimming at depths shallower than their baseline foraging behavior.

With additional funding and the continued cooperation of fishermen, scientists and managers, we hope to achieve our goal of recommending measures to reduce interactions between sperm whales and longline fisheries. Using the information gained during the past 1½ years we decided that the next step is to answer two questions: Is avoidance a viable strategy for reducing these encounters with sperm whales? If the range at which sperm whales can hear acoustic cues is less than the range at which a hydrophone can hear a sperm whale, then avoidance may be an inexpensive and viable strategy for reducing depredation and economic loss. If workable, a fisherman could deploy a hydrophone prior to hauling and monitor for the presence of sperm whales and wait to haul until no vocalizations are heard. The second question is: Can passive techniques such as deterrents placed on longlines, or fishing behavior modifications, be an inexpensive strategy for reducing depredation? Passive techniques would include strategies such as switching off active acoustics that may serve as inadvertent acoustic "beacons", placing passive reflectors along a longline, and varying soak time and/or gear retrieval times. If these prove successful we will have solved a difficult problem for fishermen and gained valuable information about sperm whales in Alaskan waters.



Sperm whale fluke. Photo courtesy of Holly Fearnback, NOAA Southwest Fisheries Science Center.

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.

Editor

John Thedinga

Auke Bay Laboratory

11305 Glacier Hwy, Juneau 99801-8626

(907) 789-6025, Fax 789-6094

John.Thedinga@noaa.gov

Deadline for materials for the winter issue of Oncorhynchus is March 10.

Alaska Chapter's Internet Home Page Address

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

Production

Connie Taylor/Fathom Graphics

P.O. Box 200448

Anchorage 99520-0448

Phone/Fax (907) 272-3305

mct@alaska.net

Alaska AFS Chapter President Molly Ahlgren Passes Away

Brenda L. Norcross

There is an empty space in the Alaska Chapter of AFS and in fisheries education in Alaska. Our colleague and friend, Molly Ahlgren, died in a boating accident on November 30, 2004, just 3 days after her 47th birthday. A certified Emergency Medical Technician, Molly was responding to an EMS call with the Sitka Volunteer Fire Department.

Molly was born in Duluth, Minnesota and pursued freshwater fisheries for her education. She graduated Summa Cum Laude in Fisheries Resources from the University of Idaho in Moscow, ID in 1980 after having spent her summers accruing field research experience. She earned both an M.S. (1984) and Ph.D. (1988) in Fisheries/Aquatic Ecology from Michigan Technological University in Houghton, MI, where she remained for another two years doing post-doctoral research. What the Midwest lost, Alaska gained in 1990 when Molly took a position as an Assistant Professor of Fisheries and Aquatic Resources at Sheldon Jackson College in Sitka, Alaska. She was employed there as an Associate Professor at the time of her death.



Molly Ahlgren opening the Chapter Annual Conference in Sitka.



Molly Ahlgren at the Sheldon Jackson Aquarium.

Molly's first love was teaching and she was dedicated to her students. She was a passionate teacher who felt her role was "to show people how to encounter the mystery of nature". She developed and taught "hands on" field-oriented courses (her words) in Fishery Science, Ecosystem Analysis, Fish Ecology, Ichthyology, Limnology, Marine Ecology, Marine Biology, Fish Behavior, and Ecological Research Techniques for SCUBA Divers. With that impressive list, it is no surprise that Molly Ahlgren was voted Faculty of the Year at Sheldon Jackson College in 1996 and had many devoted students, past and current. Her vision was to fully utilize the college setting as a classroom and she and her students spent many hours on the beach adjacent to her office. This vision led her to vigorously pursue funds and requisition artwork for the transformation of the wet lab and aquarium at the College. Under her direction, the lab was transformed from non-operational to a wonderful resource for students, locals and visitors. Molly felt so strongly that field experience was critical for her students, that she obtained her 100-ton Master's License when there was no longer a certified captain for the SJC research vessel.

Molly had passion for her discipline and endless energy for the many things in which she was involved. She was an active researcher, publishing much of her scientific work on her beloved detritivores. She had a



Molly Ahlgren, Kathleen Jensen and Kate Wedemeyer at the poster session of the Chapter Conference in Sitka.

soft spot for underdogs, and she liked to say that is how she came to study the sea cucumber, *Parastichopus californicus*. Molly was a Whitely Center Scholar and an Independent Researcher with the University of Washington Friday Harbor Laboratories. Molly served as a member of the Alaska Department of Fish and Game Advisory Committee and as an Associate Editor for the Alaska Fishery Research Bulletin. Molly put her professional research dive experience to use locally as a SCUBA guide and Dive Master in Sitka and as a member of the Dive Rescue Team of the Sitka Volunteer Fire Department, the same organization for which she was an EMT. She was a dedicated environmentalist and contributed a reasoned professional voice to many difficult issues of local concern.

In November 2004, at the annual meeting of the Chapter that she planned and hosted in Sitka, Molly Ahlgren was installed as the President of the Alaska Chapter of AFS. Molly has been a member of AFS since 1984. Bill Wilson says she once gave one of the best scientific papers he'd ever heard. "It documented her work on sea cucumber feeding ecology in coastal Gulf of Alaska waters mixing just the right amount of technical detail, humor, photographs, and well-prepared graphics such that she held the audience spellbound." That was the 1994 Alaska Chapter meeting when Molly won the best paper award. She was always willing to help and had planned to coordinate student involvement for the 135th Annual AFS meeting to be held in Anchorage,



Molly Ahlgren and Kyle Deerkop checking out one of the banquet raffle prizes.

Alaska in 2005. The Alaska Chapter plans to dedicate the 2005 National AFS meeting to the memory of Molly Ahlgren, because we know that we will be thinking of her and will miss her terribly at that meeting.

Molly was the most alive person I know. That liveliness, coupled with incredible kindness and generosity, touched so many people and garnered so many friends. Ever generous, she gave up her ballet class (but stayed up late reformatting the program for AFS) to make time to have dinner with me when I was in Sitka the week before the Alaska Chapter meeting last November. Her vibrancy and enthusiasm were just what I needed then and will remember always. She walked



Molly Ahlgren and Bill Wilson at the Chapter Annual Conference in Sitka.

lightly on the earth, with long strides and a dog by her side. Friends remember her brilliant intellect and her vibrant expression of life. She was a life-long learner. She was an inspiration to all who knew her because of her courage, perseverance, and authenticity. Molly died doing what she loved, being on the water and helping people. Alaska, AFS, the fisheries profession and the world will be lessened without her light.

A Molly Ahlgren Scholarship Fund has been set

up at Wells Fargo Bank in trust with the American Fisheries Society, Alaska Chapter. Donations will be used to establish a scholarship in Molly's name to help the students to whom Molly was so dedicated. Please make contributions payable to: Molly Ahlgren Scholarship Fund. You may send your donation to: American Fisheries Society Alaska Chapter, c/o Ray Hander, Treasurer, 101 12th Ave., Room 110, Fairbanks, AK 99701, Phone: 907-456-0402.



Molly Ahlgren and the Excom at the Chapter Annual Conference in Sitka.

2005 Riparian Challenge

The Riparian, Watersheds and Habitat Committee is seeking entries for the Western Division's 2005 Riparian Challenge Award. The Forest Service, Bureau of Land Management and other conservation agencies or private industries in the states encompassed by the Western Division are invited to participate in the Riparian Challenge. Winners will receive the Western Division's Award of Excellence in Riparian Management. The purpose of the award is to:

- Encourage the Bureau of Land Management, Forest Service and other conservation agencies or private industry to strive for excellence in riparian and watershed habitat management,
- Encourage agencies to progress in on the ground accomplishments which when added together throughout the West, will significantly improve riparian systems,
- Recognize managers and resource specialists for their efforts in maintaining, restoring, and improving riparian and watershed ecosystems.

We hope to receive a number of quality nominations from USFS, BLM and other conservation agencies or industry this year representing their efforts in riparian management. If you are aware of a project that should be considered, please ask the appropriate USFS, BLM, conservation agency or industry to submit an entry form.

More information, along with a description of the entry format and the criteria for evaluating entries can be found on the Western Division AFS web site www.wdafs.org. Entries must be received no later than April 15, 2005. The 2005 Awards of Excellence in Riparian Management will be presented at the Western Division's meeting in Anchorage, Alaska in September. The date and location will be announced later.

Submit completed entries to the Riparian Challenge Committee Chair at the address listed below by April 15, 2005. For information contact Hilda Sexauer, Riparian Challenge Subcommittee Chair, PO Box 850, Pinedale, WY 82941, 307-367-2147 ext. 231, Hilda.Sexauer@wgf.state.wy.us.

2004 AFS Chapter Awards

The following awards for best papers and posters were presented in Sitka at the Annual Chapter Conference:

- **Best Professional Paper** – Jeffrey Anderson, “Improving fish counts at weirs using video technology”, U.S. Fish and Wildlife Service.
- **Best Student Paper** – Cindy Tribuzio “Advances in spiny dogfish research in the face of commercial fishing”, University of Alaska-Fairbanks.
- **Best Professional Poster** – C. F. Adams, “Seasonal changes in the diet of walleye pollock, *Theragra chalcogramma*, around the Chiswell Islands, Gulf of Alaska, 2003”, Institute of Maine Science, University of Alaska-Seward.
- **Best Student Poster** – Angela Middleton, “Distribution, diet, and energy density of age-0 walleye pollock, *Theragra chalcogramma*, in the Bering and Chukchi Seas, Alaska”, University of Alaska-Juneau. 🗨️

Kate Wedemeyer leading the Climate Change Panel at the Annual Chapter Conference in Sitka.



A “fish fry race” was held at the poster session of the Chapter Annual Conference in Sitka to help raise money for the Student Unit.



Continuing Education: Technical Writing Workshop

Toshihide Hamazaki

Are you haunted by an unfinished manuscript or report? Do you want to improve your writing? Invest 4 days in learning skills that will empower your writing and make you a more effective and efficient communicator. Dr. Jud Monroe is returning to Alaska to repeat his highly praised technical writing workshop February 28-March 3, 2005 at the Goldbelt Hotel in Juneau.

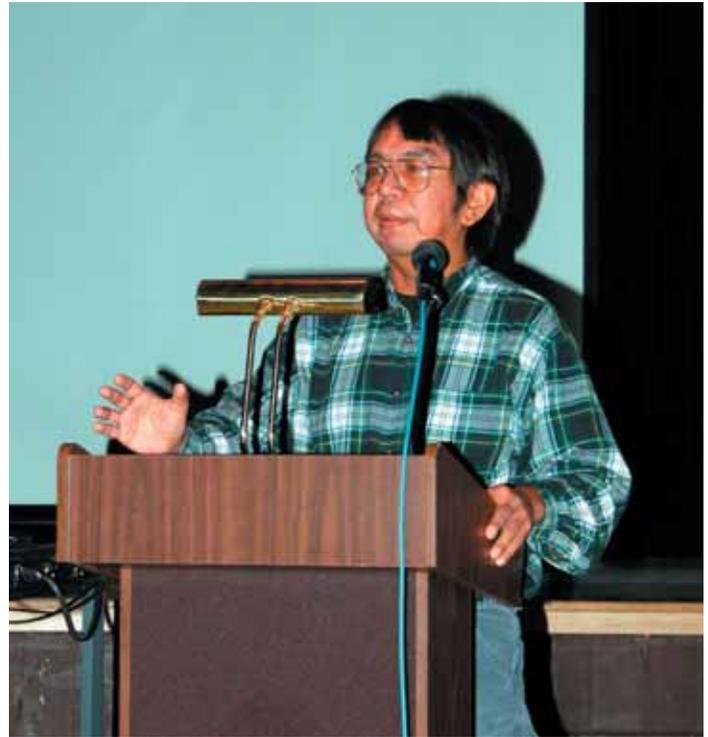
Participants will learn general approaches to clear, effective writing and how to adjust their writing to the specific needs of management, regulatory, and scientific audiences. The workshop emphasizes immediate practical application of techniques. Participants spend mornings learning techniques for 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 February 1, 2005. The cost of the workshop is \$375 for AK Chapter AFS members and \$425 for nonmembers. For more information, please contact: Toshihide "Hamachan" Hamazaki, hamachan_hamazaki@fishgame.state.ak.us, 907-267-2158, or in Juneau, contact Meg Cartwright, meg_cartwright@fishgame.state.ak.us, 907-465-4220. For questions about registration and payment contact Ray Hander, 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 February 11, 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. ☺

Hutton Junior Fisheries Biology Program

Start off right by mentoring a local high school student for the summer in fisheries biology! Don't miss this opportunity to introduce the fascinating and dynamic world of fisheries science to the minds of our future by mentoring in the Hutton Junior Fisheries Biology Program. Students chosen for the Hutton Program not only win the opportunity to work for eight weeks in fisheries – they are also awarded a \$3000 scholarship from AFS!

To apply, just fill out the simple application and help spread the word to your local high schools. Mentor and student applications are due February 15, 2005. All information is available on the Hutton Program website, which is linked to the AFS main page www.fisheries.org. You may also e-mail hutton@fisheries.org to learn more about this innovative program. ☺



Plenary session speaker Robert Sam.



Kyle Deerkop, Student Unit President from Sheldon Jackson College, displays some of the raffle prizes at the Chapter Annual Conference in Sitka.

Meetings and Announcements

Coastal Cutthroat Trout Symposium: Biology, Status, Management, and Conservation

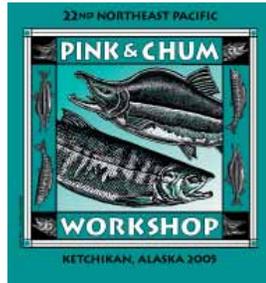
The Coastal Cutthroat Trout Symposium will be held September 29 - October 1, 2005 at Fort Worden State Park, near Port Townsend, Washington. The symposium objectives are to update information and activities since the 1995 Reedsport symposium, enhance knowledge on all facets of life history and ecology, provide current assessment of the status of populations coast-wide, and encourage development of a coordinated, coast-wide conservation plan.

Interested individuals are invited to submit abstracts for papers and posters. Abstracts must be in standard AFS format and submitted by March 15, 2005. Send abstracts to: tim_cummings@fws.gov. Presenters will be required to submit a paper or extended abstract for a peer-reviewed AFS proceedings publication. For additional information visit the symposium web site at <http://orafs.org/cutthroat.html> or contact the Program Committee chair, Tim Cummings, Tim_Cummings@fws.gov or the Arrangements Committee chair, Doug Young, Doug_Young@fws.gov.

22nd Annual Northeast Pacific Pink and Chum Salmon Workshop

!!Last Call For Papers!!

The 22nd Northeast Pacific Pink & Chum Salmon Workshop will be held at the West Coast Cape Fox Lodge in Ketchikan, February 23-25, 2005. More information on the meeting, session topics, speakers, registration, and submitting papers is available at the 2005 Pink and Chum Workshop web page located at the Pacific Salmon Commission web site, www.psc.org/pink&chumworkshop/default.htm.



Deadline for abstracts is January 21, 2005. Advanced registration is available through February 15. For more information contact one of the Workshop Co-Chairs; Steve Heintz, steve_heintz@fishgame.state.ak.us, 907-225-9677, Rick Focht, rick_focht@dipac.net, 907-463-1629, or Alex Wertheimer, alex.wertheimer@noaa.gov, 907-789-6040.

Managing Our Nation's Fisheries II-Focus on the Future

This is the second conference in a series designed to improve the management of marine fisheries in the U.S. The conference will be held March 24-26, 2005 in Washington D.C. This conference will focus on the challenges of the 2003 conference, on key issues for reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act, and on the recent recommendations of the U.S. Commission on Ocean Policy. Pre-registration by mail with a check is required. Cost for registration is \$50 and includes a copy of the conference proceedings. Conference attendance is limited to 500 persons on a first-come basis, so Register Early. See the web site, www.managingfisheries.org for more information.



AFS 2005

Bill Wilson

As you know, the annual national American Fisheries Society meeting will be held in Anchorage next September (11-15). This is a unique opportunity to present a paper, either oral or poster, at a national meeting. You can go to the national AFS website at www.fisheries.org and from there you can click on the 2005 meeting link to see the meeting's website which features more information on the meeting. Take this opportunity to organize a symposium or to present a paper!

The deadline for organizing a symposium is fast approaching - symposium proposals must be submitted by January 14, 2005 to ericknudsen@gci.net. Individual paper submissions must be sent to the program committee by February 11, 2005; you must use the website online abstract submission form for submitting a paper (www.fisheries.org). Much more information on submitting ideas for symposia or individual papers is on the meeting website.

Take advantage of this opportunity to participate in a national fisheries meeting right here in Alaska. AFS 2005 promises to be an event to be remembered – for the opportunity for scientific information exchange and networking with your peer fisheries scientists and for the many social and other fun events. We have a great program in store for those who attend – but please consider this opportunity to give a paper – it might be a once-in-a-career opportunity you don't want to pass up.

For information about presenting papers or organizing a symposium contact Program Co-Chairs Eric Knudsen (ericknudsen@gci.net) or Joe Margraf (joe.margraf@uaf.edu). For information about giving a poster paper contact Poster Co-Chairs Carol Kerkvliet (carol_kerkvliet@fishgame.state.ak.us) or Ted Otis (ted_otis@fishgame.state.ak.us).



Chapter treasurer Ray Hander working at the registration desk at the Chapter Annual Conference in Sitka.

State of the Salmon Triennial Conference

The 2005 State of the Salmon Conference will be held April 17-20, 2005 at the Hilton Hotel in Anchorage. The theme of the conference is "Building The New Agenda for North Pacific Salmon Conservation". The 4-day conference, simultaneously interpreted in three languages, will focus on two major efforts that seek to forge alliances across the North Pacific. As a guideline, three themes have been developed for posters; monitoring salmon status and trends, characterizing habitat capacity, resiliency and threats, and evaluating management. The deadline for submitting poster abstracts for consideration is January 14, 2005. For further information, updates, and to register, please go to <http://www.stateofthesalmon.org/connect/page.asp?pID=60>. For registration questions please contact Sydney Mead at Sydney@ecotrust.org.

6th Conference on Fish Telemetry

The Fish Telemetry Conference will be held June 5-11, 2005 in Sesimbra, Portugal. The conference will focus on the following major topics: species conservation and habitat rehabilitation, migration and behavior, human impacts and fisheries, and methodology and new technology. The deadline for abstracts for oral and poster presentations is January 30, 2005. For further information, please contact Pedro Raposo de Almeida, Institute of Oceanography, Campo Grande, 1749-016 Lisbon, Portugal or visit the web site <http://www.6thfishtelemconf.com/>.

29th Annual Larval Fish Conference

The 29th Annual Larval Fish Conference will be held July 11-14, 2005 in Barcelona Spain at the University Pompeu Fabra. Deadline for registration and abstract submission is February 1, 2005. Visit the Conference website for more information: http://www.larvalfishcon.org/Conf_home.asp?ConferenceCode=29th.

World Water & Resources Congress 2005

The Environmental & Water Resources Institute is sponsoring a symposium to discuss global climate change and its impacts on the environmental and water community, as well as other current environmental and water resource issues. The 2005 Conference is being held May 14-19, in Anchorage. Final papers and presenter registration is due February 15, 2005. Visit the conference web site for more information: <http://www.asce.org/conferences/ewri2005/index.cfm>.

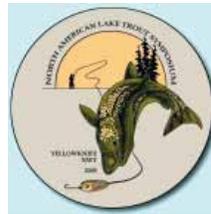


Alaska Forum on the Environment

The Alaska Forum, Inc. is holding its 7th annual Alaska Forum on the Environment February 7-11, 2005 in Anchorage at the Egan Convention Center. This year's event will again deliver nationally recognized speakers in seven keynote events. Over 80 breakout sessions will provide you with educational opportunities and the latest research information on Alaska's environment. The breakout sessions are organized by subject tracks and include: environmental regulations, fish and wildlife populations, rural issues, energy, military issues, business issues, pollution prevention, contaminants, and others. For more information visit the Forum web site: <http://www.akforum.com/index.html>.

Second North American Lake Trout Symposium

The Second North American Lake Trout Symposium will be held in Yellowknife, Northwest Territories, Canada from August 16-19, 2005. A plenary session with invited speakers and a dedicated poster session will be held each day of the symposium. This will be followed by concurrent sessions of spoken presentations according to four main theme areas: (1) effects of industrial development; (2) biology; (3) co-management regimes and harvesting, and (4) stock and habitat assessments. Deadline for submission of abstracts for oral or poster presentations is March 31, 2005. For more information visit the symposium web site at <http://www.laketroutsymposium2005.ca/>.



Coastal Zone 05 Conference

The Coastal Zone 05 Conference will be held July 18-21, 2005 in New Orleans. Coastal Zone is the premier conference for the world's coastal resource managers. The 14th installment of the biennial conference series focuses on balancing the issues and interests of land and sea. With over 1,000 participants expected from all over the world, this conference promises to provide valuable tools, lessons learned, and new ideas to help address the coastal management issues we're all facing. For more information visit the web site: <http://www.csc.noaa.gov/cz/>.



Students having lunch at Sheldon Jackson College Aquarium during the Chapter Annual Conference in Sitka.

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

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

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

Secretary Bob Piorkowski, ADF&G/CF, 1225 W. 8th St., Juneau 99802, 907-465-6109, 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

Student Unit President Kyle Deerkop, Sheldon Jackson College-225 801 Lincoln Street, Sitka 99835, 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)

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

- Journal Subscriptions (Optional)
- Transactions of the AFS¹ N.A. Journal of Fisheries Management¹
 - \$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 Health¹
 - \$38.00 Paper in North America \$41.00 Paper other than N.A.
 - \$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.