



ONCORHYNCHUS

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In this issue:

Little Port Walter 75th Anniversary

President's Corner

Alaska Chapter 37th Annual
Conference

Continuing Education Classes

Thirty years of *Oncorhynchus*

Candidate Biographies

Award Nominations

Bylaw Changes

New AFS Books

Meetings and Events

and more ...



NOAA's Little Port Walter Marine Station showing some of the principal facilities; Headquarters "Whitehouse" building at right, float systems with floating raceways and net pens in foreground; and dock, warehouse, wet labs, shop, conference room, and Pan- A-Bode resident home in background. Photo by Angela Feldmann

NOAA's Little Port Walter Marine Station Celebrates 75th Anniversary

Bill Heard

The Little Port Walter (LPW) Marine Station on Baranof Island recently celebrated 75 years of fisheries research in Southeast Alaska. Established in 1934 by the U.S. Bureau of Fisheries and now operated by NMFS and the Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL) of NOAA Fisheries, the LPW facility is the oldest year-round biological station in Alaska and is a productive research platform for scientific studies on living marine resources in Southeast Alaska and Gulf of Alaska waters.

Located in lower Chatham Strait, 20 miles from Cape Ommaney and the open Gulf, this station is well suited for detailed research on many species and on relevant environmental and resource management issues. It is also an ideal location for measuring long-term biophysical parameters related to impacts of climatic factors such as changes in precipitation profiles, freshwater and sea surface temperatures, and near shore salinity patterns. As part of the larger Big Port Walter Fjord, LPW consist of an Inner and Outer Bay with a U.S. Coast Guard navigation light at the south entrance to the Outer Bay. Sashin Creek flows into the head of the Inner Bay and is a productive stream for pink, chum, and coho salmon, as well as Dolly Varden char, steelhead trout and coast range sculpins. A variety of other fishes, invertebrates, kelps, and corals occupy the adjacent marine waters.

In July of 2009, a special 75th anniversary event was sponsored by NOAA Fisheries, Northern Southeast Regional Aquaculture Association (NSRAA), the University of Alaska School of Fisheries and Ocean Sciences, (SFOS), Alaska Department of Fish and Game (ADF&G), and the Alaska State Museum. The event was highlighted by more than 110 visiting scientists, former staff, guests, and friends who convened at LPW where they discussed current and past research activities along with reviewing the facility's infrastructure.

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Lisa Stuby, AFS, Alaska Chapter President.

The President's Corner

Lisa Stuby

As I prepare my last "President's Corner," I am also preparing to sample sheefish on their spawning grounds on the upper Kuskokwim River drainage, and to fly the entire drainage, tracking the roughly 100 sheefish we have implanted with radio transmitters. I am having a typical case of pre-field work jitters as I make sure all the logistics are in place, "food for three, sampling gear, flights to and from the field, etc." I remember our Alaska Chapter Past President Hamachan Hamazaki's summer 2009 President's Corner where he quoted, "When I open a dry annual report and see numbers, I wonder about the stories behind those numbers, how many people were involved, how much money was spent, etc. Then, I realize that the collection of dry numbers is actually a collection of testaments of all the people involved in the field work." Ultimately, I, like a lot of working field biologists, hope to accomplish all of my sampling objectives and in the words of our Commissioner to "Have fun, but also be safe." I hope all of your field projects ended with a safe return and good data.

I am also starting to look forward to the upcoming Alaska Chapter meeting in Juneau that President-Elect Audra Brase has been working so hard on! It's hard to believe that

Continued on next page

Little Port Walter Marine Station, continued

Several senior retirees who worked at LPW during the 1940s, 50s, and 60s attended the event including Bernie Skud, Betty Olson, Ted Merrell (who incidentally was one of the founding members of Alaska Chapter AFS), Willard Brewington, and Ralph Wells. Senior NOAA Fisheries officials participating in the event included John Oliver, Carol Ciufalo, Bob Williams from Headquarters, Doug De Master, Director, AFSC, and Phil Mundy, Director ABL.

An Allan Marine catamaran took 70 people from Auke Bay Harbor to LPW where they joined with another contingent of more than 40 people from Sitka, Petersburg, Port Alexander, other parts of Alaska, and Washington State. Although LPW is well noted for its wet weather, with a long-term average annual precipitation of over 240 inches, a beautiful, clear, sunny day made both the catamaran transit down Chatham Strait and on-site visits at LPW memorable for everyone involved.

After the catamaran arrived at the station, staff organized visitors into smaller groups of 15–20

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John Joyce and Pat Malecha strip Chinook salmon eggs at Little Port Walter for spawning while others in the background extract and read coded wire tags from snouts to maintain stock integrity of matings. Photo by Bill Heard

The President's Corner, continued

only a year ago I was planning the Chapter conference in Fairbanks. Getting elected to the Alaska Chapter Presidency is actually a 4-year process, but has seemed to go by quickly. After the business meeting at the Chapter conference, I will hand the gavel over to Audra, who will then become President and I will assume a new role as Past President. One of my duties as Past President will be to get the word out that I will be looking for someone to carry on the tradition. To become president of the AFS, Alaska Chapter, you are first elected vice president, where you chair the Membership Committee, and then advance to president-elect and chair the Program Committee for the annual Chapter meeting. During your third year you advance to president, where you chair the Executive Committee (EXCOM), presiding at all meetings, and representing the Chapter to the Western Division and Parent Society of AFS. Finally, after gaining three years of wisdom (and this has been a terrific learning experience), you become past president. As you read this, hopefully some of you are thinking, "Hmmm, that sounds like a good experience." This system allows a person to learn about chairing meetings, organizational and leadership skills, and planning a conference before actually doing it. Every year is a challenge and you get to work with a great group of people.

If you are reading this and thinking, "Well, I've always wanted to get more involved with the Alaska Chapter, but can't make a 4-year commitment right now," then there are also positions available on Committees. A list of committees with openings can be found at <http://www.fisheries.org/units/afs-ak/committee/committee.html>. Participating in a committee is rewarding and, depending upon what you do, not necessarily time consuming.

Last year we established an Alaska Chapter life membership for those who were already Parent Society life members. So far, we have had over 20 new Alaska Chapter life memberships, for a one-time fee of \$100 each. After some discussion, the EXCOM decided to establish a student subunit support fund with the proceeds of these memberships. So over \$2,000 will go into this fund for use by the AFS Alaska Chapter Student Subunit groups. As the student groups don't receive much money for functions from their respective universities, this money will support everything from student symposiums and invited speakers to social events that encourage networking. We will also use this money to offer interest-free loans to help student groups create items to sell (t-shirts, beer glasses, mugs) for additional support. So if you are an Alaska Chapter member with a lifetime Parent society membership, then consider becoming an Alaska Chapter life member as well. ☺

Little Port Walter Marine Station, continued

people, and then lead separate groups around the area from the main float and headquarters building, "The Whitehouse," to various points of interest, explaining various facility functions and related research activities. Key point of interests included the float system with floating raceways and net pens, freshwater and saltwater culture systems, warehouse and dock, incubation room and wet laboratory, behavior laboratory, oil storage, electrical generation and incinerator systems, staff residences, and Sashin Creek weir area. Sashin Creek Weir, built by Sam Hutchinson in 1939 with Civilian Conservation Corps (CCC) depression-era laborers, provides for upstream and downstream counts of adult and juvenile salmonids.

A series of large posters placed on the transit

catamaran for viewing, and also available at LPW, provided comprehensive overviews of the background, history, and research at the station. Several scrapbooks assembled by LPW staff were available for review, including one by Sam Hutchinson that covered the first few years of "LPW Camp" from its beginnings in 1934.

A detailed listing of peer-reviewed publications, reports, documents, and other written accounts of research activities at LPW over the years were available for visitors to review and discuss. Separate listings, both by year of publication and by authors, showed that from 1934 through 2009 over 230 different publications, reports, and other documents about LPW research were written by

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Little Port Walter Marine Station, continued

over 150 authors and co-authors. The focus of these publications and reports is broad, including aspects of the biology or enhancement and fisheries for pink, chum, coho, sockeye, and Chinook salmon, steelhead trout, Dolly Varden char, herring, shrimp, and rockfishes. Additional research studies were focused on other fishes, intragravel invertebrates and their ecology, effects of low-dose oil toxicity on salmon, oceanography, transport of marine nutrients into watersheds, and long-term monitoring of various environmental parameters, including daily NOAA weather records.

Present research at LPW is focused on genetic studies of Chinook and coho salmon and steelhead trout. Two brood stocks of introduced Chinook salmon originating from Unuk and Chickamin Rivers are maintained at the station. The stocks are maintained separately by coded wire tagging all smolts released and decoding returning adults before any spawning. With appropriate oversight and approval, these two groups are also used as brood stock sources at other facilities. Recent studies involve genotyping all pairings at spawning so that parental origin of progeny are identifiable. This allows performance comparisons, including marine survivals of individual families and, through cooperation with the ADF&G Mark-Tag and Age (MTA) Laboratory, genetic identification of these families in fisheries. This latter step involves verifying parental origins by extracting genetic tissue from snouts of LPW Chinook salmon caught in fisheries processed at the MTA lab.

A coho salmon study compares original DNA extracted from archived scales with contemporary



Visitors and guest examine Little Port Walter warehouse dock, floating raceways and net pens used for fish culture. Allan Marine catamaran at main float brought visiting scientist, former staff, dignitaries, and guest from Auke Bay to the 75th Anniversary event. Photo by Mary Heard

genetic profiles of these salmon in both Sashin Creek and Nakvassin Creek in nearby Port Herbert. The purpose of this research is to see if coho salmon enhancement over the past three decades in this general region has changed the genetic makeup of these salmon in either Sashin Creek or Nakvassin Creek.

Steelhead research is focused on comparing and evaluating genetic and life history characteristics of an anadromous run of steelhead in Sashin Creek with a self-sustaining population of rainbow trout in Sashin Lake at the head of the stream's watershed. The rainbow trout population was established from 1920s-era planting of juvenile steelhead from Sashin Creek into the lake. While two impassable falls above the lower part of Sashin Creek prevent anadromous access to Sashin Lake, some steelhead smolts are produced each year from the "trout" population in the lake. Results of this research may have applications in recovery programs for ESA-listed steelhead or salmon stocks in the Pacific Northwest.

Based on general comments from participants and visitors, together with the lively discussions over past and current research at the station, the LPW anniversary was a highly successful event! 🐟

2011 Call for Chapter Award Nominations

Ted Otis and Theresa Tanner

The Alaska Chapter is currently soliciting nominations for the Meritorious Service Award (MSA), the Chapter Service Award (CSA), the Almost Darwin Award, and the Wally Noerenberg Award for Fishery Excellence. I encourage all members to consider deserving individuals and to submit nominations for these awards. Please use the form at http://www.fisheries.org/units/afs-ak/awards_scholarships.htm to make your nominations. Award presentations from this call for nominations will occur at the 2011 Annual Meeting. **NOMINATIONS MUST BE SUBMITTED BY JANUARY 31, 2011.**

Nominations for the MSA can be based on an outstanding contribution in any area of Alaska fisheries, including research, management, education, planning, industry, and policy development. Nominations do not have to come from AFS members, nor do nominees need to be active members. The contribution or accomplishment of the candidate must be recent and not the result of many years of effort; recognition of career-long contributions is more appropriate for the Wally Noerenberg Award. The Awards Committee will select winners based on strength of the nomination and the accomplishment.

The CSA was established to award outstanding service to the Alaska Chapter of the American Fisheries Society. These candidates should have been involved in some or all of the following activities: active participation in standing or ad-hoc committees; made important contributions to advance the current objectives, long-term goals or stature of the Chapter and fisheries professionals; contributed a significant amount of time to Chapter activities; improved public awareness of the Alaska Chapter and Chapter activities; encouraged development of students as fisheries professionals through recruitment and involvement as Chapter members; and recruited fisheries professionals as Chapter members. Submit MSA and CSA award nominations and letters of support for nominations to Theresa Tanner, USFWS, 605 W 4th Ave., Rm G-61; Anchorage, 99501, 271-1799, theresa_tanner@fws.gov.

The Almost Darwin Award recognizes the most humorous and outrageous fisheries faux pas of any

fisheries professional. The nominees must have committed the faux pas within the last calendar year. Please include a photo of proof along with award nomination stories and photos to Theresa Tanner at the above address.

The Wally Noerenberg Award for Fishery Excellence, the highest award of the Alaska Chapter, is bestowed as a special honor on individuals who have made great and outstanding contributions to Alaska fisheries. This award was established in 1981 by resolution of the membership. The membership has also set, by resolution, specific guidelines for the Noerenberg Award Committee. Nominee contributions may include scientific research; technological development; species and habitat management; innovations in harvesting, processing, or marketing; academic and fishery education; or involvement in national and international affairs affecting Alaska fisheries. Submit Wally Noerenberg Award nominations and letters of support for nominations to Ted Otis, ADF&G, Division of Commercial Fisheries, 3298 Douglas Place, Homer, 99603-8027, 235-1723, ted.otis@alaska.gov.

Rewarding excellence is an enjoyable but challenging task and finding judges is a challenge too. If you would like to help out, the Chapter is soliciting members for the Awards Committee. To be a part of this committee, please contact Theresa Tanner at theresa_tanner@fws.gov or 271-1799.

The application form for 2011 Chapter awards is available online via the "Awards" link at: http://www.fisheries.org/units/afs-ak/awards_scholarships.htm. 

***Put Nov. 3-5, 2010
on your calendar today!***

***Make your plans to attend the
Alaska Chapter 37th Annual Conference:
"Alaskan Fisheries in a Changing World"***

Juneau, Centennial Hall

Alaska Chapter 37th Annual Conference: “Alaskan Fisheries in a Changing World”

Audra Brase

The 2010 Annual Meeting of the Alaska Chapter of the American Fisheries Society will take place November 3–5 at Juneau’s Centennial Hall. The theme of this year’s conference is “Alaskan Fisheries in a Changing World.” This theme may be broadly interpreted as our world is experiencing shifts in economics, ecosystems and climate which will directly and indirectly affect the biology and management of our state’s fisheries.

Our keynote speakers will be Dr. Gordon Kruse and Dr. Keith Criddle of the University of Alaska. Both speakers will be directly addressing the meeting’s theme, with Dr. Kruse presenting a lecture on what climate change means to Alaska’s fisheries and Dr. Criddle examining the world economy and its impact on Alaskan fisheries.

Including the poster session, this year’s meeting has fourteen sessions planned, and will encompass several unique topics that we haven’t seen in past years. Most of the sessions have a marine focus (we will be in Southeast after all!), but there should be more than enough freshwater and techniques presentations to satisfy almost every interest. A list of sessions follows; for detailed session descriptions and to register, please visit <http://www.fisheries.org/units/afs-ak/meetings/2010/meet2010.htm>.

- Marine Fish Ecology and Assessment
- Elements of Effective Fish Habitat Restoration (with a discussion panel following the session)
- Fisheries Enforcement and Fish Sustainability
- Salmonid Smolt Ecology
- Evolutionary/Genetics Perspectives on Alaska Fisheries
- Crustaceans are Cooler: Fisheries and Biology of Crabs and Shrimps in Alaska
- Telemetry Techniques for Fishery Scientists
- Salmon Bycatch in the Bering Sea Pollock Fishery: Trends, Management Measures and Impacts
- Dynamics of Marine Ecosystems
- Multiple Ways of Knowing in Fishery Science and Management (with a discussion panel following the session)
- Evolving Role of NGOs in Alaska’s Fisheries
- Steelhead and Wild Trout
- Contributed Papers

On Wednesday there will be a catered “Student-Mentor” luncheon, limited to the first 35 students & 15 mentors to sign up. If you are a fisheries professional, please consider attending and giving a student or two some insight into post-college opportunities.

There will be a luncheon poster session on Thursday, so plan on sticking around Centennial Hall that day and eating a lunch from the Silverbow Bakery while perusing the posters on display.

Continuing Education Classes will be held on November 1 & 2. Courses will include “GIS Basics,” “Scientific Communication,” and “Technical Writing for Fisheries Professionals.” See below for course descriptions. For early-arriving conference attendees, a “Tour de Juneau,” which will visit the Mendenhall Glacier, Alaskan Brewery, Ted Stevens Marine Research Institute and University of Alaska Fairbanks research facilities at Lena Point, is planned for the afternoon of Tuesday, November 2.

The opening night reception will be at The Hanger restaurant. The first night’s social will be at the Ladd Macaulay (DIPAC) Salmon Hatchery and will include tours of the hatchery. Transportation will be provided. The Thursday night banquet entertainment will be the ChillKats, a popular local band that includes a couple of fisheries biologists. ☺



JOIN OR RENEW YOUR MEMBERSHIP TO AFS NOW AT

<http://www.fisheries.org/afs/membership.html>

Continuing Education Classes at the Annual Conference

Two workshops will be held prior to the Annual Conference on November 1 and 2, hours of each will be 9:00 a.m. to 5:00 p.m. To register, please visit http://www.fisheries.org/units/afs-ak/meetings/2010/m2010_continuing_education_courses.htm.

Scientific Communication, Instructor: Andi O'Connor

This two-day workshop is tailored specifically to the scientific speaker. You will receive specific tips and tools to help you speak and present more effectively. Each workshop includes several practice sessions. Day 1 will focus on improving your scientific speaking and presenting skills. Topics will include working with nervousness, connecting with your audience, talk preparation tips, choosing content and data that is relevant to your audience, and the effective use of visuals and PowerPoint. Day 2 will focus on refining our scientific speaking and presenting skills. Topics will include refining your presenting skills, handling Q&A sessions, effectively moderating panel discussions, and basic media training (tips for handling press conferences, interviews, and government testimony). The cost for the workshop will be \$300 to members \$200 to student members, \$350 to non-members, and \$400 for late registrations. There is a minimum enrollment of 12 and maximum of 15.

GIS Basics for Fisheries Professionals, instructor: Sanjay Pyare

This two-day workshop is for practitioners needing practical, hands-on instruction in the fundamentals of GIS (ArcGIS 9.3) in freshwater- and marine-fisheries contexts, as well as an opportunity to work on their own GIS project with instructor guidance. Students learn how to organize a GIS project, manipulate tabular data, edit spatial and tabular data, query GIS data and conduct simple analyses, present data clearly and efficiently using maps, and learn how to be resourceful to meet future GIS needs. The course will involve 7–8 hrs of formal training and 4–5 hrs of informal “GIS Jam Sessions” to work on individual projects through instructor guidance and troubleshooting assistance. This is neither an advanced nor a total bare-bones introductory course. The course assumes you have some, but very limited, exposure to GIS in the work/school environment and are seeking formal review of GIS software capability to advance your skillset towards an intermediate level, and/or want

guidance on a specific GIS project. Students must come with a laptop pre-loaded with GIS software (a temporary license and software will be provided), a specific GIS project need or concept, and some relevant tabular or GIS data to work with. The cost for the workshop will be \$250 to members \$200 to student members, \$350 to non-members, and \$400 for late registrations. There is a minimum enrollment of 12 and maximum of 16.

Technical Writing for Fisheries Professionals, Instructor: Jim Hale

While the qualities of good technical writing do not differ substantially from those expected of all good writing, technical writing offers its own challenges in communicating complex technical and scientific information to non-specialists. Beginning with a review of the mechanics of writing (grammar, punctuation, and syntax), we will look at the problems in communicating complex information to general audiences and review some practical strategies for solving those problems. This one-day (November 2) workshop is a great opportunity to improve your technical writing skills. The workshop is provided by former English professor and now technical editor for NOAA Fisheries, Jim Hale. Jim has over twenty years of experience teaching and writing professionally and has given his writing seminars for a variety of clients including the Alaska Department of Fish and Game, the International Pacific Halibut Commission, and the U.S. Forest Service, as well as organizations and businesses in the private sector. The cost will be \$200 to members \$150 to student members, \$300 to non-members, and \$350 for late registrations. There is a minimum enrollment of 15 and maximum of 25. ☺

ONCORHYNCHUS

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Deadline for materials for the winter issue of *Oncorhynchus* is Dec. 10.

Proposed Changes to the Bylaws for the Alaska Chapter of the American Fisheries Society

Bill Bechtol

The core objectives and operating procedures for the Alaska Chapter of the American Fisheries Society are prescribed in the Chapter Bylaws with further clarification and interpretation provided by the Alaska Chapter Procedures Manual. At times it may be necessary to amend the Chapter Bylaws to reflect current practice, or to simplify the descriptive text. According to Section 9 of the Chapter Bylaws, the Bylaws may be amended through a 2/3 majority of those members voting following notice of no less than 30 days, with subsequent approval by the Executive Committee of the parent society. It is our intent to provide such notice as follows. **Membership discussion and voting will occur at the Annual Alaska Chapter Meeting in Juneau on November 4, 2010.**

There are three primary groups of changes being proposed to the Chapter Bylaws at this time. First is to simplify the title of “First Vice-President” to “Vice-President.” The word “First” inaccurately implies that the Chapter has multiple Vice-President positions. In the event that the Chapter membership expands dramatically or the duties of Chapter officers are revised in the future, it may be appropriate to revise the structure of the Chapter administration at that time. The second proposed change is to revise the term “Chairperson” to read “Chair” throughout the Chapter Bylaws. This change simplifies the text without loss of context or gender neutrality. The third change, under Section 5, Chapter Committees, clarifies that committee chairs are to be appointed no less than annually. Specific changes within the affected sections of the Chapter Bylaws are shown below with deletions shown as strikeouts and insertions as underlines.

Section 3. Officers.

The officers of the Chapter shall consist of a President, President-Elect, ~~First Vice-President~~, Treasurer, and a Secretary.

Officers shall be elected from ballots presented *in the Chapter newsletter, ~~Oncorhynchus~~ Oncorhynchus*. The term of the Treasurer and Secretary shall be two years, with the Treasurer’s election occurring on even numbered years and the Secretary’s election occurring on odd numbered years. The term of the ~~First~~ Vice-President shall be one year. At the end of the one-year term, the ~~First~~ Vice-President shall succeed the President-Elect, who in turn shall succeed the President.

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.

In the event of a cancellation of an annual meeting, the officers and members of any committee shall continue to serve until the next scheduled meeting.

Section 4. Duties of Officers.

The President of the Chapter shall preside at all meetings, serve as the ~~Chairperson~~ of the Executive Committee, represent the Chapter to the Western Division and to the American Fisheries Society, and make such appointments and perform other duties and functions as are authorized and necessary.

The President-Elect shall be ~~Chairperson~~ of the Program Committee and shall assume the duties of the President in the event of his inability to act.

The ~~First~~ Vice-President shall be ~~Chairperson~~ of the Membership Committee, shall assist the Program ~~Chairperson~~, and shall perform other duties as assigned.

The Treasurer shall collect and be custodian of Chapter funds; disburse funds as authorized by the Executive Committee or membership; submit a record of receipts and disbursements at the annual Chapter meeting; and, discharge other duties that may be required by the Executive Director of the American Fisheries Society and officers of the Western Division.

The Secretary shall keep the official records of the Chapter; submit a copy of the minutes of the annual business meeting to the Executive Director of the Society within 30 days after said meeting; and discharge other duties that may be required by the Executive Director of the American Fisheries Society and officers of the Western Division.

Section 5. Chapter Committees.

The Executive Committee of the Chapter shall consist of the elected officers of the Chapter, subunit presidents, and the immediate Past President. The committee is authorized to act for the Chapter between meetings and to perform appropriate duties and functions.

Functional committees and the ~~Chairpersons~~ of committees, except as listed in Section 4 of these Bylaws, shall be appointed by the President annually or as may be necessary for the conduct of Chapter activities.

The terms of office for members of Chapter committees shall end upon discharge of the duties for which they were appointed, or, at the next annual meeting of the Chapter, whichever comes first. ?

Thirty Years of *Oncorhynchus*

Connie Taylor, *Fathom Graphics*

When I started to lay out the fall 2010 *Oncorhynchus*, I realized that this issue marks the end of the thirtieth year that I have been responsible for the newsletter's production and mailing. When the first issue was printed, I was a commercial salmon and Dungeness crab fisherman in Prince William Sound. I am an accountant and web designer living in Anchorage now.

Lou Carufel was the first editor of *Oncorhynchus*. I'd heard he wanted to start a newsletter for the Alaska Chapter of AFS, so I dropped by his Anchorage office. He had a copy of a newsletter I'd done for the Prince William Sound Aquaculture Corporation taped to the wall behind his desk and I remember thinking, "That sure makes it easy to introduce myself!"

Lou was editor of the newsletter from 1981 until 1986, when Mel Monson and Carl Berger served as co-editors. Mel was editor until Alan Johnson took over in 1989. Alan and I continued to work together after I moved to Anchorage in 1991. Mike Murphy took over as editor in 1995 and John Thedinga took over from Mike in 2001 and edited the newsletter until 2006 when Gretchen Bishop took over. Gretchen oversaw the *Oncorhynchus*' transition to an electronic newsletter, which dropped the print run from around 550 to less than 100. We are still printing about 50 copies of the newsletter for distribution to libraries and for special requests.

It's been a great honor to work with the fine newsletter editors these past thirty years. Thank you all for this opportunity to be a part of your organization! 🐟

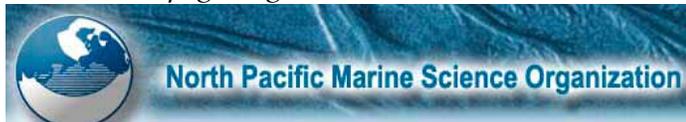


Connie Taylor of *Fathom Graphics*, shown here in her crab fishing days, has published *Oncorhynchus* for the last 30 years.

Meetings and Events

Alaska Chapter ASA Annual Meeting

October 20–22, 2010: This meeting will be held in Kodiak and will consist of a short course on Time Series conducted by Dr. Richard Davis of Columbia University. For more information, check out the website at <http://www.amstat.org/chapters/alaska/HomepageAug2010.htm>.



PICES 2010 Annual Meeting

October 22–31, 2010: This meeting, themed: "North Pacific Ecosystems Today, and Challenges in Understanding and Forecasting Change," will be held in Portland, OR. For more information see <http://www.pices.int/meetings/annual/PICES-2010/2010-background.aspx>.

Ecosystems 2010: Global Progress on Ecosystem-based Fisheries Management

November 8–11, 2010: This meeting, sponsored by Alaska Sea Grant, will be held in Anchorage



at the Hotel Captain Cook. For more information, please visit <http://seagrant.uaf.edu/conferences/2010/wakefield-ecosystems/index.php>

WSN 2010

November 11–14, 2010: This meeting will be held in San Diego, California. The website is at <http://www.wsn-online.org/>.



12th Flatfish Biology Conference

December 1–12, 2010: This meeting will be held at the Water's Edge Resort in Westbrook, CT. For more information, please visit <http://erf.org/meeting/12th-flatfish-biology-conference>.



SICB 2011

January 3–7, 2011: This meeting will be held in Salt Lake City, UT. Visit <http://www.sicb.org/meetings/2011/>.



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Meetings and Events, continued



Alaska Marine Science Symposium

January 17–21, 2011: This meeting will be held at the Hotel Captain Cook, in Anchorage. For more information, please visit <http://www.alaskamarinescience.org/>.

Using Acoustic Tags to Track Fish

February 3–4, 2011: This short course addresses all aspects of tracking fish movement with acoustic tags, including three-dimensional tracking with sub-meter resolution. The course includes hands-on-operation and a variety of applications are covered. Lunch is provided. Please see http://www.htisonar.com/at_short_course.htm for more information.



Using Hydroacoustics for Fisheries Assessment

February 10–11, 2011: This hydroacoustic short course covers mobile and fixed-location survey techniques, and subjects include basic hydroacoustic theory, deployment logistics, data collection and processing, as well as typical results. Split-beam, single-beam, and multi-beam frequency techniques are discussed in detail. Lunch is provided. For more information, please visit http://www.htisonar.com/ha_short_course.htm.

Oregon Chapter Annual Meeting

February 22–25, 2011: This meeting will be held in Bend, OR. Registration and abstract submission is ongoing online at <http://www.orafs.org/>.



ASLO 2011 Aquatic Science Meeting

February 13–18, 2011: This meeting will be held in San Juan, Puerto Rico. Abstracts are due October 11, 2010. For more information, visit the website at <http://www.aslo.org/meetings/sanjuan2011/>.



5th Zooplankton Symposium

March 14–18, 2011: This meeting will be held in Pucon, Chile. Visit http://www.pices.int/meetings/international_symposia/2011/zoop5/default.aspx.

National Shellfisheries Association

March 27–31, 2011: This meeting will be held in Baltimore, MD. Abstracts are due December 13, 2010. Visit <http://shellfish.org/node/78817>.

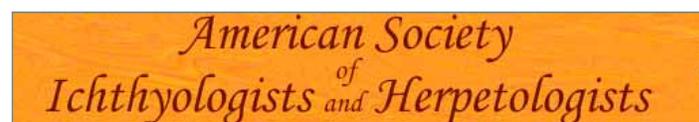


Kodiak Area Marine Science Symposium

April 9–12, 2011: This meeting, sponsored by Alaska Sea Grant, will be held in Kodiak. For more information, see <http://seagrant.uaf.edu/conferences/index.html#coming>.

2nd ESSAS Open Science Meeting

May 22–26, 2011: This meeting, themed "Comparative Studies of Climate Effects on Polar and Subpolar Ecosystems," will be held in Seattle, WA. For more information, please visit http://www.pices.int/meetings/international_symposia/2011/ESSAS/default.aspx.



ASIH 2011 Annual Meeting LOGO

July 6–11, 2011: This meeting will be held in Minneapolis, MI. For more information, please visit <http://www.asih.org/annualmeetings>.

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Meetings and Events, continued

ESA 96th Annual Meeting

August 7–12, 2011: This meeting will be held at the Austin Convention Center in Austin, TX. For more information, see <http://www.esa.org/austin/>.



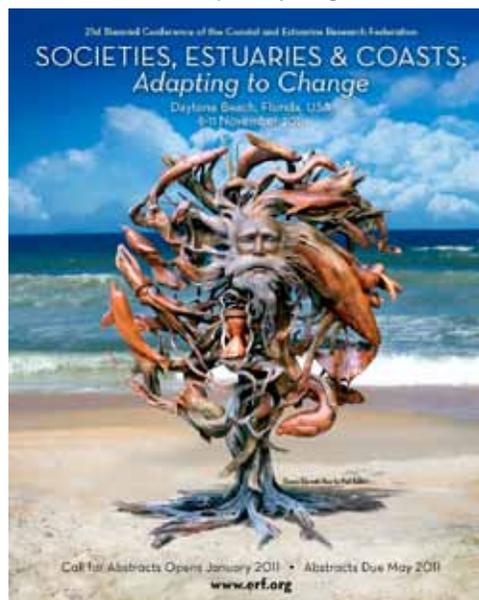
Coastal & Estuarine Research Federation 2011 Conference

November 6–11, 2011: This meeting, “Societies, Estuaries & Coasts: Adapting to Change,” will be held at the Ocean Center in Daytona Beach, FL. Session proposals are being accepted online at <http://erf.org/>.



Fifth International Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences

August 22–26, 2011: This meeting will be held in Wellington, New Zealand. The deadline for symposia submissions is October 31, 2010 and for abstracts is May 30, 2011. The First Announcement and Call for Papers has been updated at http://www.esl.co.jp/Sympo/5th/1st_announcement_updated.pdf.



Arctic Grayling T-Shirts Still Available Online

The Arctic grayling t-shirt is blue and features the Arctic grayling on the shirt back and the Alaska Chapter logo on the front.

These t-shirts are 100% pre-shrunk cotton and machine washable.

Sizes M, L, and XL are currently available.

All proceeds will go to fund student travel to Alaska Chapter meetings.

Ordering instructions can be found at:
<http://www.fisheries.org/units/afs-ak/> under Memorabilia.

Candidate Biographies

Mark Wipfli, Vice President

Mark Wipfli is an associate professor of Freshwater Ecology with the Alaska Cooperative Fish and Wildlife Research Unit at the University of Alaska Fairbanks, where he has been a faculty member since December, 2003. He holds a joint academic appointment between School of Fisheries and Ocean Sciences & Department of Biology and Wildlife, administered through the Institute of Arctic Biology. His research interests broadly include trophic processes in riverine ecosystems, linkages

between marine-freshwater and terrestrial-freshwater ecosystems, riverine food webs, disturbance and restoration ecology, climate change, and how the flow of nutrient, detritus, and prey from marine and terrestrial ecosystems affect fishes and other consumers in freshwater habitats. Mark is currently advising eight graduate students (both Masters and PhD) and one post-doc, on projects ranging from effects of invasive species, forest fires, and climate change on salmonid food webs and fishes; understanding how marine-derived nutrients (MDN) from salmon affect riverine ecosystems; forestry and mining effects on watershed processes, food webs, and fishes; and the role environmental processes play in regulating salmon populations in fresh water. He has taught graduate courses on riverine ecosystems and food webs, is also currently teaching aquatic entomology, and sponsors a cross-discipline climate change seminar series. Mark has been active in several professional societies, including American Fisheries Society, North American Benthological Society, American Society of Limnology and Oceanography, and the Ecological Society of America, where he's presented numerous papers and has served in various capacities such as Program Chair, as a



Mark Wipfli, Candidate for Vice President of the AFS, Alaska Chapter.

member of Program and Environmental Concerns Committees, special symposia organizer, and as student paper judge. He's often called upon to provide scientific reviews and opinions on mining, forestry, and other land management issues. Mark especially enjoys working at the science-management interface, and is presently involved in research projects throughout Alaska and the Pacific Northwest aimed at improving our knowledge of resource and ecosystem management. Born in Wisconsin, he grew to love the outdoors. He attended UW-Madison for his B.Sc. and Masters degrees, went to Michigan State University for his Ph.D., then moved to Alaska in 1992 to start a post-doctoral position with the Pacific Northwest Research Station (USFS) in Juneau. Mark worked in the rainforests of SE Alaska for 10 years, spent two years working in the Columbia River Basin, based in Wentachee, WA, and has been at UAF since. His passions include river canoeing, ocean adventures, traveling, hunting, fishing, biking, and gardening. During his EXCOM tenure with the Alaska Chapter, he'd like to foster cultural diversity within the profession, emphasize the value of close working relationships between researchers and resource managers, and promote cross-disciplinary research-management partnerships.

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Candidate Biographies, continued

Lee Ann Gardner, Treasurer

Lee Ann Gardner is an environmental consultant with more than 25 years experience in management of multidisciplinary environmental studies, compliance monitoring, and permitting. Ms. Gardner received a Bachelor of Science in Biological Sciences from the University of Alaska in 1978 and a Master’s of Science in Fisheries with a minor in Statistics from Oregon State University in 1983. Prior to graduate school, she worked for the U.S. Fish and Wildlife Service, Western Alaska Ecological Services office in Anchorage, conducting permit reviews. She then worked for the National Marine Fisheries Service Laboratory in Kodiak, conducting groundfish assessment surveys in the Bering Sea, and shrimp assessment surveys along the Aleutian Chain and in the Kodiak Archipelago. Her Master’s thesis, on stock separation of pink shrimp, evolved from this work experience.

Following graduate school, Ms. Gardner worked as an environmental consultant for ENSR Consulting and Engineering in Anchorage through 1995. During that time, she managed a number of multidisciplinary environmental studies for government and industrial clients at a variety of locations in Alaska. Since 1996, Ms. Gardner has had her own consulting business in Chugiak, and continues to work for government and industrial

clients. Her work projects are on the North Slope, and in western and southcentral Alaska. Being self-employed has also enabled her to devote more time to volunteer activities in professional and community organizations.

Ms. Gardner first joined the American Fisheries Society (AFS) while in graduate school in 1981. She began with intermittent attendance at Alaska Chapter annual meetings, progressing to serve as a member of the local organizing committee for both the 1998 Alaska Chapter meeting, and 2005 National meeting. She has served previously as Chapter Secretary, and is the current Treasurer. If re-elected, Ms. Gardner hopes to continue streamlining the Chapter’s financial accounts and working with the Molly Ahlgren Scholarship Committee and the Alaska Chapter Finance Committee.

Besides membership in AFS, Ms. Gardner is also a member of the National Association of Environmental Professionals, the Phi Kappa Phi honorary society, and is a NAUI Certified SCUBA Diver. She is a current board member of the Alaska Association of Environmental Professionals and serves as its Scholarship Chairperson. A life-long Alaskan, Ms. Gardner was born in Palmer and raised in Anchorage; she has lived in Chugiak since 1983 with her husband, and has two children, both now in college. 🗨️

Officer Ballot

For Chapter Vice President and Treasurer

Please cut and paste ballot into an email with subject “Vote” before December 5, 2010 and send it to:

Lisa.Stuby@alaska.gov

Vice President:

___ Mark Wipfli

___ Write-in _____

Treasurer:

___ Lee Ann Gardner

___ Write-in _____

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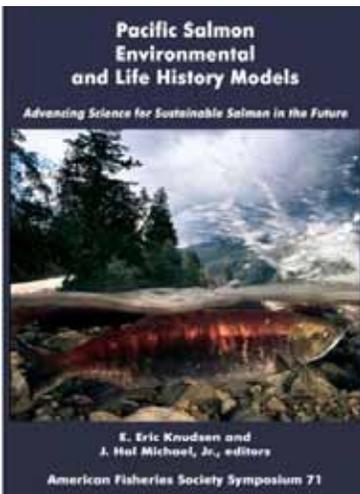
New Books from AFS

The American Fisheries Society has several new publications; to purchase them, visit the bookstore online at <http://www.afsbooks.org/54071p.html>.

Biology and Management of Dogfish Sharks

The spiny dogfish, *Squalus acanthias*, is one of the most abundant shark species in the world. For over a century it has been both reviled and valued, has supported commercial fisheries in the Pacific and Atlantic Oceans, and has been overexploited in both. As the only shark species to recover from over-fishing, its responses and recovery trajectories are of great interest to conservationists and fishery managers.

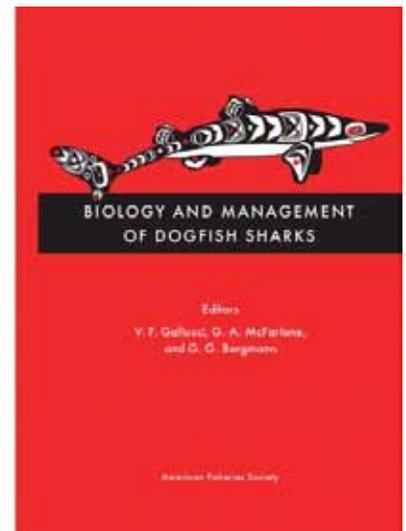
This book's 34 chapters compile current knowledge of dogfish, their ecology, and their management worldwide. It reviews historical fisheries, evaluates past and current management strategies, and provides new biological and ecological information from both the single species and ecosystems perspectives. It confirms the urgency of consideration of the human dimensions of management as part of efforts to protect dogfish where it is threatened while providing sustainable fisheries. This book is edited by Vincent Gallucci, Gordon McFarlane, and Gregory Bargmann.



Pacific Salmon Environmental and Life History Models: Advancing Science for Sustainable Salmon in the Future

Many Pacific salmon and anadromous trout populations are in chronic decline. An important aspect of salmon management is an understanding of the factors that drive salmon population production and the ability to predict run sizes. Advanced simulation methods are needed for better describing and understanding the complex interactions between salmonids and their environment and improved decision-making about the effects of human activities on their productivity. This book presents recent progress in modeling tools that have practical applications for estimating full production capacity, determining appropriate harvest levels, and providing information essential for habitat remediation.

It is edited by E. Eric Knudsen and J. Hal Michael, Jr.



2010 Alaska Chapter Officers

President

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Past President

Toshihide "Hamachan" Hamazaki, ADF&G/CF, 333 Raspberry Road, Anchorage 99518-1599; 267-2158 wk, Fax: 267-2442, Hamachan.Hamazaki@alaska.gov

Student Subunit Representative

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Feel free to contact the Executive Committee members