



AIC Newsletter - Fall 2014

ATLANTIC INTERNATIONAL CHAPTER OF THE AMERICAN FISHERIES SOCIETY

VOLUME XLI, NO. 2

FALL, 2014

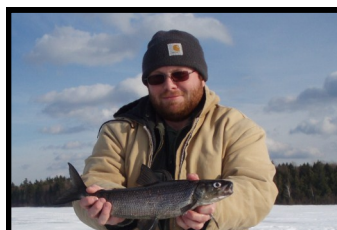
President's Message

By Ian Kiraly

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Hello Atlantic International Chapter members! Hopefully you all had a great year and were able to enjoy some of the fine fisheries within our region, whether for work, play, or both. Winter has come upon us quickly, ending most of my field work, but I'm really looking forward to the ice fishing season. Ice fishing is a great remedy for cabin fever, and I encourage anyone who enjoys fishing but has yet to go ice fishing, to put on your warmest boots and give it a try. I particularly like introducing others to the sport, so feel free to contact me if you would like to learn some tips and tricks to make your outing safe, productive, and most importantly, fun.

The AIC Annual Meeting was held this past summer in conjunction with the 144th Annual Meeting of AFS in Quebec City, and what a



great time it was! Such a whirlwind of meeting other fisheries professionals, learning about current research, taking care of business, and seeing the sights.

At the AIC meeting, elections were held and the executive committee experienced a major shift in leadership. The long-standing treasurer, John Magee of New Hampshire Fish and Game, stepped down and Christine Lipsky of NOAA accepted the Secretary/Treasurer role. Dana DeGraaf of Maine's Department of Inland Fisheries and Wildlife was elected Vice President, and Dan Weaver is the UMaine Student Subunit representative. Having only served on the committee as the UMaine Student Subunit representative in the past, I am excited to be working

with this group, along with the Past President Mike Bailey of the U.S. Fish and Wildlife Service, to keep AIC running smoothly.

Now we are looking forward to the 2015 AIC Annual Meeting, which is being planned for late September at Fundy National Park in New Brunswick. The AIC assisted three students with travel costs to the meeting this year, and will encourage students to apply for stipends for the next meeting. Hopefully we will see many of you at the next AIC Annual Meeting, after all, the foundation of any society is its membership, and the AIC was created to foster communication and to exchange information on fisheries management and culture. Have a great year!

Ian Kiraly

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Outgoing subunit President Andrew O'Malley holds a flat sturgeon in the Penobscot River as part of World Fish Migration Day's Flat Fish campaign.

**Update: University of
Maine Student Subunit
of the American
Fisheries Society**
by Lisa Izzo and Dan Weaver



UMaine Student Subunit members cleaning up Lamoine State Park

The student subunit is pleased to announce the officers for the 2014-2015 academic year: President Dan Weaver, Vice President Lisa Izzo, Secretary Marie Martin, and Treasurer Meg Begley. We would like to thank the previous officers for their service and contribution to the subunit.

Last year our subunit was involved in many of the usual activities including hosting guest speakers, bowling with the University of Maine chapter of The Wildlife Society, and our annual ice fishing derby. In the spring we

assisted the Penobscot River Restoration Trust with community and outreach activities, including a Penobscot River clean up. Subunit members participated in World Fish Migration Day's Flat Fish campaign to raise awareness for migratory fishes. In April the subunit hosted its first statistical workshop involving "R", which was well attended by undergraduates, graduate students, and faculty. The student subunit was well represented at the 2014 American Fisheries Society Meeting in Quebec City, contributing both oral and poster presentations across a range of symposia. In addition, members diligently worked to obtain numerous donations for the silent auction, which raised funds for the Skinner Memorial Award. Our subunit continues to serve as editors for the newsletter of the Northeast Division of AFS (Fish Rapper), with the next edition set to be published in March 2015.

The subunit was off to a productive start this fall and we look forward to continued member participation and involvement. The subunit seminar speaker series includes professionals from academia, state and federal agencies, and non-profit organizations. We hosted a fish printing activity and co-hosted a resume workshop and graduate student Q&A with The Wildlife Society. We've also worked closely with the Penobscot River Restoration Trust at the Common Ground Fair and Old Town RiverFest raising awareness for the Penobscot River and its resources. The subunit also participated in a coastal cleanup at Lamoine State Park, collecting trash and recording data that will become part of the international ocean trash index compiled by Ocean Conservancy. We look forward to a productive year!

It is time to start planning your trip to Portland for the 145th annual meeting of the American Fisheries Society! To encourage a diversity of symposia, contributed papers, and posters at this meeting, the Program Committee decided a "themeless" meeting was more appropriate for Portland, one of the great venues in North America that is intrinsically tied to marine and freshwater fish and fisheries. This meeting promises to feature the latest and greatest information and discussions regarding the huge challenges facing fisheries professionals today. For more information, visit <http://2015.fisheries.org/>



Important Deadlines for

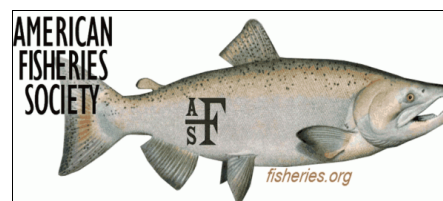
Submissions

• **16 January 2015**

Proposals for Symposia are due.

• **13 March 2015**

Abstracts for posters, for oral papers submitted to contributed sessions, and abstracts for orals invited by a symposium organizer



HTI Short Courses Offered

Using Acoustic Tags to Track Fish

5-6 February 2015 - 9:00 am to 5:00 pm

Attend Online or On-Site at University of Washington School of Aquatic Fishery Sciences, Seattle, WA

http://www.HTIsonar.com/at_short_course.htm

This course addresses all aspects of tracking fish movement with acoustic tags, including three-dimensional tracking with sub-meter resolution. It includes hands-on-operation and a variety of fish monitoring applications are covered. Lunch is provided for on-site students. Reserve a seat or ask a question at support@HTIsonar.com.

Tuition Rate Offer (50% discount) for university students, university staff, non-profit and tribal organizations. <http://www.htisonar.com/>

[Training_Special_Offer.htm](http://www.htisonar.com/Training_Special_Offer.htm)

Using Hydroacoustics for Fisheries Assessment

12-13 February 2015 - 9:00 am to 5:00 pm

Attend Online or On-Site at University of Washington School of Aquatic Fishery Sciences, Seattle, WA

http://www.HTIsonar.com/ha_short_course.htm

This course covers mobile and fixed-location hydroacoustic survey techniques, including 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 provided for on-site students. Reserve a seat or ask a question at support@HTIsonar.com.

Tuition Rate Offer (50% discount) for university students, university staff, non-profit and tribal organizations. <http://www.htisonar.com/>

“The intention of session organizers was to highlight telemetry research, as well as generate discussion and collaboration across species”

Telemetry on the Atlantic Coast: Tagging Locally and Observing Globally

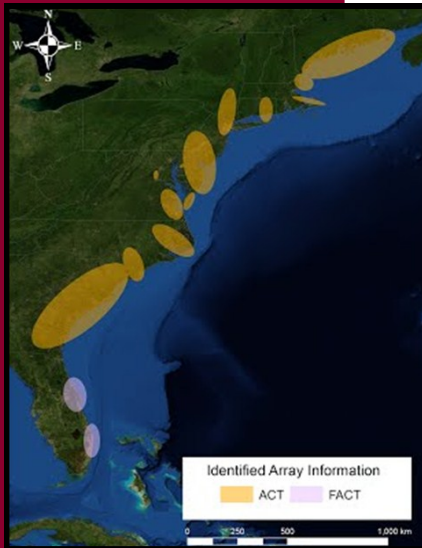
AFS Annual Meeting Symposia Recap

by Jim Hawkes, NOAA-Fisheries, Maine Field Station, Orono

Telemetry studies including acoustic, radio, and satellite are used to study fish, sea turtles, and marine mammals along the eastern seaboard of North America. Technologies, techniques, and platforms are advancing and expanding in telemetry, but communication and collaboration are still limited. The intention of session organizers of “Telemetry on the Atlantic Coast: Tagging Locally and Observing Globally” at the 144th Annual Meeting of the American Fisheries Society in Quebec City (Abstracts: <https://afs.confex.com/afs/2014/webprogram/session3012.html>), was to highlight telemetry research, as well as generate discussion and collaboration across

species. Researchers from Florida to Nova Scotia (including several AIC members and other researchers from the region) came together to present findings. Talks ranged to include a variety of local (<100 km) and distant movements from Atlantic Salmon smolts in the Penobscot River Estuary to transatlantic migrations of sea turtles. Seventeen talks and two posters illustrated how various telemetry technologies increased knowledge of Northwest Atlantic habitat use. Novel use of mobile receivers on AUVs, gliders, drifters, and animal platforms provided additional insights, and new modeling and social network analyses presented a glimpse of emerging science. In addition to presentations capturing behavior and other observation data of tagged animals, the power and potential of collaborative science networks were highlighted in these presentations.

From Florida to the mid-Atlantic the Atlantic Cooperative Telemetry (ACT, <http://www.theactnetwork.com/>) and Florida ACT networks were critical to data sharing. North of Cape Cod, the Ocean Tracking Network (OTN, <http://oceantrackingnetwork.org/>) was essential to collaboration. Sustaining and enhancing collaborative networks is necessary for 1) the evolution of studies across vast seascapes and 2) a better understanding of marine habitats in context of ecosystem dynamics. Scientists identified future symposia at the annual AFS meetings and other venues as necessary to sustain a broad collaborative network.



The Act Network (source, www.theactnetwork.com)



The Atlantic Cooperative

Telemetry Network

Eagle Hill Institute Announces Summer Seminar Program for 2015

 Eagle Hill Eagle Hill Institute Eagle Hill Foundation Maine U.S.A.		
Date	Seminar	Instructor
May 29 - May 31 wknd	Foraging for Edible Wild Plants	Tom Seymour
May 31 - Jun 6	Field Herpetology: Amphibians and Reptiles of the Northeast	Glenn Johnson
May 31 - Jun 6	Trees and Shrubs of Northeastern North America: Identification and Ecology	Eric Jones
Jun 7 - Jun 13	Plant Identification and Herbarium Techniques	Fred Olday
Jun 7 - Jun 13	Bogs and other Maine Peatlands	Nancy Slack
Jun 14 - Jun 20	Ants (Hymenoptera: Formicidae) of the Northeast	Amy Arnett
Jun 14 - Jun 20	Introduction to Mosses	Jerry Jenkins and Susan Williams
Jun 21 - Jun 27	Introduction to Maine Sea Weeds: Identification, Ecology, and Ethnobotany	Jessie Muhlin and Nic Blouin
Jun 21 - Jun 27	Lichens and Lichen Ecology	David Richardson and Mark Seaward
Jun 21 - Jun 27	Illustrating the Flora and Fauna of Maine: Colored Pencil Techniques	Dolores Santoliquido
Jun 28 - Jul 4	Crustose Lichens: Identification using Morphology, Anatomy, and Simple Chemistry	Irwin Brodo
Jun 28 - Jul 4	Sedges and Rushes: Identification and Ecology	Anton Reznicek
Jul 5 - Jul 11	Craft and Vision: Photographing Maine Woods and Waters	Barbara Southworth
Jul 5 - Jul 11	Calicioid Lichens and Fungi of the Acadian Forest	Steven Selva
Jul 5 - Jul 11	Dragonflies and Damselflies: Field Techniques and Identification	Bryan Pfeiffer
Jul 12 - Jul 18	Moths and Butterflies: Identification, Specimen Preparation and Taxonomy	Hugh McGuinness and Bryan Pfeiffer
Jul 12 - Jul 18	Beetles: Diversity, Identification, and Natural History	Warren Steiner and Gary Hevel
Jul 19 - Jul 25	Grasses of Northeastern North America: Practical ID for Field Biologists	Dennis Magee
Jul 19 - Jul 25	Native Bees as Pollinators: Diversity, Ecology, Conservation, and Habitat Enhancement	Alison Dibble and Frank Drummond
Jul 19 - Jul 25	Wetland Identification, Delineation and Ecology	Matthew Schweisberg and Joseph Homer
Jul 26 - Aug 1	Field Botany and Plant Ecology of the Eastern Maine Coast	Jill Weber
Jul 26 - Aug 1	Capetan Crossing: A Traveling Geology Course, Maine to Quebec	Douglas Reusch
Jul 26 - Aug 1	Marine Polychaetes: Identification and Natural History	Stephen Hale and Sheldon Pratt
Aug 2 - Aug 8	Mushroom Identification for New Mycophiles: Foraging for Edible and Medicinal Mushrooms	Greg Marley and Michaeline Mulvey
Aug 2 - Aug 8	Floating and Submersed Aquatic Plants	C. Barre Hellquist
Aug 9 - Aug 15	Botany at the Landscape Scale	Jerry Jenkins
Aug 9 - Aug 15	Lakes and Rivers: Understanding Their Ecology and Water Quality	Marilyn Mayer
Aug 16 - 22	Lichens, Biofilms, and Stone	Judy Jacob and Michaela Schull
Aug 16 - 22	Plant Anatomy and Microtechniques	Richard Keating and Robbin Moran
Aug 23 - 29	Taxonomy and Biology of Ferns and Lycophytes	Robbin Moran and Carl Taylor
Aug 23 - 29	Advances in Field Ornithology: Methods for Studying Songbird and Raptor Migration	Adrienne Leppold and David Brinker
Aug 30 - Sept 5	Independent Studies in Bryology	William Buck
Aug 30 - Sept 5	How to know Cladonia and its parasites	Richard Harris
Sept 6 - 12	Ascomycetes, Waxcaps and Other Fall Fungi of New England	Alan Bessette and Arleen Bessette
Sept 11 - 13	Making Medicine from Wild Plants	Tom Seymour