



# Atlantic International Chapter NEWSLETTER

Vol. XXIX No. 2

JULY 2002

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**Inside this issue:**

Respect for John Moring	3
Why Are We Here?	4
2002 Meeting Agenda	5
AIC Chapter News	10
AFS National Chapter News	13
Bibliography update	16
AIC Meeting Registration	21

**President's Message**

Larry Miller is well on his way in planning the program for the 28<sup>th</sup> Annual Meeting in Tracadie, New Brunswick. The meeting theme is "*Homeland Security: Do you know what is in your water?*" The Complexe Les Deux Rivieres is the meeting site and it appears, judged by the promotional material, that Peter Cronin, Kathryn Collet and the rest of the Local Arrangements Committee have selected an splendid site to partake of New Brunswick hospitality!

In the last President's message, I listed three items that I would like to see undertaken during the upcoming year. They were 1) revision of the AIC bylaws, 2) updating the AIC logo, and 3) intensifying our efforts in recruiting younger professional biologists and university students in joining AFS.

I asked for two or three individuals to volunteer as part of a Bylaw Committee to revise the Bylaws as necessary and to have revisions ready for a membership vote at our next business meeting. No one has volunteered yet. The problem as I see it is that there is no Bylaw article that states officers can be elected by simple majority at the annual business meeting. Instead, Bylaws state that officers are to be elected by mail ballot. The current AIC Bylaws can be viewed on the AIC website in the event someone gets the urge to propose revisions for action by the membership at the upcoming business meeting.

The AIC's logo is outdated. Chief among the outdated design is that the logo does not include the Province of Québec. John Magee will have one or more contemporary designs drafted by the time we meet in September.

The AIC Membership Committee (Scott Decker and Brandon Kulik) has done an excellent job recruiting new members. In the last newsletter, I suggested that we all volunteer some of our time and approach former members who have let their membership lapse about rejoining AFS, recruit biologists we work with to join AFS as well as biologists (and biologists-to-be) from universities and colleges in our chapter area. What have you done in this area? Hopefully, the membership will receive a positive report at the business meeting.

Volunteerism was the subject of my previous President's message. Only one person came forth to volunteer following my last message. Batting .333 may be great if you are a baseball player but not so great if you are dependent on volunteers to get things done. Let's see what we can do from now till September to address the three items mentioned previously.

(continued on page 2)

There's still time to register for the 2002 meeting! THE AIC ANNUAL MEETING—SEPTEMBER 22-24, TRACADIE-SHEILA, NEW BRUNSWICK!

Looking forward to seeing all of you this September in Tracadie!

Norm Dube, President

**FINAL CALL FOR PAPERS**  
**28th Annual Meeting**  
**Atlantic International Chapter of AFS**

***“Homeland Security***  
***Do you know what is in your water?”***  
September 22-24, 2002 Tracadie, New Brunswick

You are invited to submit abstracts for review on any topic related to bio-security, exotics, or disease issues. In addition, we will still hold our traditional Open Session and Sunday night informal sessions, for which abstracts for any topic are invited.

Send abstract, title, or notice of interest to:

**Bio-Security Session Chair**

G. Russell Danner  
Fish Pathologist  
Fish Health Laboratory  
Maine Department of Inland Fish and Wildlife  
RR5, Box 975, Burns Road  
Augusta, Maine 04330  
ph. (207) 287-2813

**Program Chair and Contact for Other Papers**

Larry Miller  
US Fish and Wildlife Service  
Maine Field Office  
1033 South Main Street  
Old Town, Maine 04468  
ph. (207) 827-5938

## Our Annual Meeting

This year's meeting subjects are ones about which we all need to know more. When I worked on Atlantic salmon in Maine, I was fortunate to have interacted with and learned from Dr. Russ Danner of the Maine Department of Inland Fisheries and Wildlife, and I believe we can all benefit from the knowledge of those experts working on disease issues. Before I got into the fisheries field, I conducted research on zebra mussels, and was amazed at the environmental damage that was wrought by these tiny invaders. However, zebra mussels are just one species of which we need to be aware. For example, Eurasian milfoil has proved to be one of the most ecologically destructive exotic aquatic plants, and round gobies are wreaking havoc in the Great Lakes. What will pop up next and where? Take a look at these two websites about aquatic nuisance species:

[www.aquaticinvaders.org](http://www.aquaticinvaders.org)  
[www.northeastans.org](http://www.northeastans.org)

See you in Tracadie, New Brunswick September 22-24, 2002. This will prove to be a unique learning experience.

## Angie Incerpi Retires

After a very fine 35-year career with the Vermont Department of Fish and Wildlife, Angie Incerpi has decided to retire effective the end of July. As you all know, Angie has dedicated his life to public service and to fish and wildlife conservation -- first as a fisheries biologist, then as a Director of Fisheries, and finally as Director of Operations. His forthright, common-sense approach to solving problems will be missed. But, as he will tell you, the time has come to spend more focus and time on family and home.

Angie's retirement party will be held on Friday, September 6th, 2002 at 6:00 p.m. at the Capital Plaza, Montpelier, Vermont. If you would like to attend, please contact Jerri Lamson, at 802-241-3730 or [jerry@fwd.anr.state.vt.us](mailto:jerry@fwd.anr.state.vt.us) and provide her with your name and full mailing address. Invitations we be sent out soon.

Thank you, and hope to see you all on the 6th !

## Resolution of Respect for John R. Moring

The unexpected death of John R. Moring on May 9, 2002 has created a cavernous hole in the fabric of the Northeastern Division of the American Fisheries Society. John was a valued member and past officer of the Division, and made significant contributions to the profession and Division for many years.

John, like a good utility infielder, was always in position to make the play for the Division team. He served as President (1989-1990) and President-Elect; edited the Northeastern Division newsletter; chaired many committees, including: Membership, Nominating, Outstanding Student Award, Awards, and Outstanding Chapter; and served on others, including: Nominating, Best Student Paper, Publications, and Editorial Committee. However, his greatest role was mentoring those new to Northeastern Division activities, encouraging their participation and rewarding them with just the right humorous remark. John was responsible for bringing many new members to the Division, and made any Division function interesting and enjoyable. In recognition of his many contributions, the Division awarded John it's highest honor, the Dwight Webster Memorial Award. At the most recent Division meeting in Portland, Maine this April, John presented the Division Special Achievement Award with his classic blend of humor and sincerity, making it the highlight of the meeting.

Therefore,

The current Executive Committee of the Northeastern Division conveys the heartfelt sympathies of all the members who knew and respected John to his family. Words cannot express the loss that we feel, and our hearts go out to you at this time of loss.

And the Committee RESOLVES,

That the contributions to the Northeastern Division in John's name will be used to establish a memorial fund to support students of fisheries science studying in Northeastern North America in their pursuit of a well rounded education, so that his legacy shall endure in perpetuity. We will never forget John, and shall always miss him.

Tuesday, May 21, 2002

President



President Elect



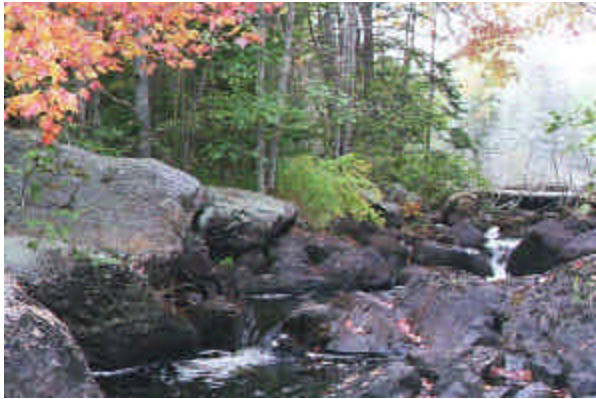
Editor's comment:

John was a great human being that had a way of enlightening the lives of those around him. He was serious about his profession and even more serious about helping his students. I know because I was, and in some ways I still am, one of his students.

## Why Are We Here?

This new column for the newsletter will be one to which I invite all of you to contribute. It will be your chance to tell others why you are in the fisheries field or share a story or two about an interesting day in your career. I will start this column off with a story of my own, well actually two.

For Christmas in the early 80's, my brother Matt wisely gave me a 10 gallon (or 37 liter) aquarium—the whole setup...tank, filter, fish. At the time, I thought it was a great gift, and cared for the two Jewel cichlids so well that we soon had fifty little Jewels swimming around. Over the next few years, I graduated up to two 55, two 20, and two 10 gallon aquaria. I had assorted breeding pairs of South American and African cichlids. I had these aquaria going for about ten years, then I went to college and started to sell off my piscatorial stash, keeping only one 20 and one 55. Well, the point of the story is that my brother has got to be the most intuitive person I know. Somehow, he sensed in me my love of the natural world even before I was aware of it.



The second story is about sea-run brookies—one of my favorite subjects. I was fishing one late September evening with two good friends of mine. We were after brookies in an undisclosed coastal Maine river. We got only one or two in the last two hours and were getting anxious to catch more. I showed one of my friends a “great pool” where there just had to be fish feeding. He tried there for about 15 minutes with no luck, and decided to try his luck just upstream. When he got to the next spot, I noticed that fish were feeding on the surface where he had been fishing (the “great pool”). “Shawn, there’s a fish back there! Go catch it!”, I said. He replied (imagine a really thick coastal Maine accent), “No, I won’t be able to catch him, you try. I’m goin’ get a smoke”. With that, he lit up his cigarette and I stalked through the 5-foot tall

grass to the “great pool”. The Quill Gordon lightly touched the water and it immediately went under without so much as a ripple. At first, I didn’t understand what happened. Then it dawned on me and I set the hook. A few seconds later I pulled up a smallmouth...no wait! it’s a silver brook trout! A female fat with eggs. I put her back in the water and gently took out the (barbless) hook. She splashed me and I felt a little bad I put her through that stress. I hope my son gets to see one like her in the future.

Magee

Atlantic International Chapter  
28th Annual Meeting, September 22 - 24, 2002  
Tracadie-Sheila, NB  
Theme: Homeland Security - Do You Know what is in your water?

### **Draft Planning Agenda**

#### **SUNDAY, September 22**

- 3:00 - 7:00      Registration
- 7:00 - 9:00      Informal Session (and Mixer) Chair Larry Miller

#### **MONDAY, September 23**

- 7:30 - 10:00      Registration
- 7:00 - 8:00      Breakfast
- 8:10 - 8:30      Introduction and Welcome
- 8:30 - 11:30      Session I, Chair Peter Cronin  
Exotic Aquatics
- 8:30 - 8:50      Chris Connell and Bernie Dubee, NBDNRE  
Responding to non-native fish introductions : prevention or prescription? Case study: Using  
Rotenone to Eradicate Chain Pickerel, *Esox niger*, from Despres Lake, NB, Canada.
- 8:50 - 9:10      Jonathan Carr, ASF  
Landlocked in the Magaguadavic River system
- 9:10 - 9:30      Marie Clément\* and David L.G. Noakes. Department of Zoology, University of Guelph, Guelph,  
Ontario, N1G 2W1  
Behavioural interactions and microhabitat utilization of Atlantic salmon in Lake Ontario tributaries
- 9:30 - 9:50      Fred Whoriskey, ASF  
Genetic Evidence of the Influx of European strain salmon in the Bay of Fundy
- 9:50 - 10:10      Break
- 10:10 - 10:30      Steve Currie, NBDNRE  
Lake Utopia Dwarf Smelt
- 10:30 - 10:50      Dr. Allen Curry, UNB Co-op Unit  
Distribution of freshwater fishes in Atlantic Canada
- 10:50 - 11:10      OPEN
- 11:10 - 11:30      OPEN
- 11:30 - 12:45      Lunch
- 1:00 - 4:20      Session II, Chair G. Russell Danner  
Bio-Security at Home and In The Field
- 1:00 - 1:20      Tom Jones Vermont F&W  
Investigating the Causes of Fish Kills

**MONDAY, September 23 (continued)**

- 1:20 - 1:40 Kevin Kelsey Vermont F&W  
Isolation systems and Biosecurity at the Ed Weed Fish Hatchery
- 1:40 - 2:00 Russ Danner, Maine IFW  
Disinfectants (Who/What/Where/When Why and How)
- 2:00 - 2:20 Russ Danner, Maine IFW  
Maine Atlantic Salmon Commission Disinfectant Policy for Field Operations
- 2:20 - 2:40 Break
- 2:40 - 3:00 Greg Bell Maine IFW  
Hatchery Biosecurity and Disinfection Policies
- 3:00 - 3:20 OPEN
- 3:20 - 3:40 OPEN
- 3:40 - 4:00 OPEN
- 4:00 - 4:20 OPEN
- 4:20 - 5:30 Poster Presentations

**TUESDAY, September 24**

- 7:00 - 8:00 Breakfast
- 8:00 - 9:30 Business Meeting
- 9:30 - 9:50 Break
- 9:50 - 11:10 Session III, Chair Brandon Kulik  
Panel Discussion: Who, What and Where of Control and Management of Exotics, Invasives, and Other Nasties
- 9:50 - 10:30 Short presentations on Provincial/State/Federal Status regarding exotics by agency representatives.
- 10:20 - 11:30 Panel discussion with questions from the floor.
- 11:30 - 12:00 Raffle and Fishing Contest Awards; Wrap-Up

**Atlantic International Chapter of the American Fisheries Society  
28<sup>th</sup> Annual Meeting - September 22-24, 2002**

**Complexe Les Deux Rivières  
*Tracadie-Sheila, New Brunswick***



This year's meeting will be held at the Complexe Les Deux Rivières in Tracadie-Sheila, New Brunswick. This facility is located in the heart of the Acadian Peninsula along the Gulf of St. Lawrence. This is a new facility offering beautifully appointed cottages all facing the water. Each cottage has 2 bedrooms, full kitchen facilities and a patio. Please visit their website at <http://www.complexe2rivers.ca>.

How to get there:

The common point is Miramichi/Newcastle. From there, take Route 11 to Tracadie-Sheila. The website (<http://www.complexe2rivers.ca>) has a detailed map of Tracadie.

Approximate Driving Distances:

Miramichi, NB - 1 hr.	Truro, NS - 4 hrs.	Bangor, Me - 6 hrs.
Moncton, NB - 2.5 hrs.	Quebec City, PQ - 7.5 hrs.	NB/Me border at Houlton - 4.5 hrs.
Fredericton, NB - 3 hrs.	Montreal, PQ - 10 hrs.	NB/Me border at Calais - 5 hrs.
Charlottetown, PEI - 4 hrs.	Montpelier, VT - 11 hrs.	Concord, NH - 10 hrs.

**The Complexe requires reservation confirmation by August 1, 2002 .**

A deposit is not required but you must hold your reservation with a credit card number.

For more information on the meeting, contact Kathryn Collet, NB Department of Natural Resources & Energy (506) 453-7109 or [kathryn.collet@gnb.ca](mailto:kathryn.collet@gnb.ca).

**Atlantic International Chapter of the American Fisheries Society  
28<sup>th</sup> Annual Meeting - September 22-24, 2002**

**Accommodations:**

Each cottage has 2 bedrooms with either 1 double bed/room or 1 double/ 2 twin beds. Additionally, each cottage has a sofa bed. There is no additional charge for up to 4 people. You must indicate which type of cottage you require, based on whether or not you are sharing accommodations. If you would like to share a cottage but do not have cottage-mates in mind, please indicate that you would like to share accommodations and they will try to match people.

**Total Cost for 2 nights (+ tax) = \$172. 50 Cdn/cottage**

**Meals:**

The meal package includes breakfast and lunch on Monday & Tuesday and dinner on Monday evening. Sunday dinner will be on your own.

**Cost: \$75. Cdn.**

**Total cost (meals & accommodations): \$247.50 Cdn (Based on single occupancy)**

**Commuter/Spouse:**

**5 Meal Package: \$75. Cdn.**

**Monday lunch: \$15.**

**Monday dinner: \$20.**

**Tuesday lunch: \$15.**

**Total: \_\_\_\_\_**

**(Payable to the Complexe)**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_

**Phone:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Preferred cottage: 2 double beds**

**Double/Twins**

**Roommates names:** \_\_\_\_\_  
\_\_\_\_\_

**Roommates wanted:**

**M**

**F**

**RESERVATION DEADLINE AUGUST 1<sup>ST</sup>, 2002**

**Complexe Les Deux Rivières  
100 Rue Deux Rivières  
Tracadie-Sheila, NB  
E1X 4S9  
Toll free: 1-866-394-4050**

**Phone: (506) 394-4050  
Fax: (506) 394-3922  
E-mail: info@complexe2rivieres.ca  
http://www.complexe2rivieres.ca**



### AIC Bylaw Review

AIC Bylaws were established to help guide the Chapter. They are fluid, meaning we should periodically review them for content and make changes, if necessary. It's been 15 years since the bylaws were last revised and it is time to review them once more. In his president's message, Norm Dube has asked for volunteers to look at possible revisions. This is a good opportunity to work with other society members to craft bylaws that will carry us through another 15 years. If you are interested in participating, please contact Norm at norm.dube@state.me.us

### ATLANTIC INTERNATIONAL CHAPTER AMERICAN FISHERIES SOCIETY BYLAWS

#### Section 1. Name and Objectives

- a. The name of this subunit of The American Fisheries Society, hereinafter referred to as the Society, is the Atlantic International Chapter, hereafter referred to as the Chapter.
- b. The objectives of the Chapter are those of the Society as set forth in Article I of the Constitution of the Society, and especially, to encourage exchange of information among members of the Chapter.

#### Section 2. Membership

The members of the Chapter are Active Members of the Society residing in the American states of Maine, New Hampshire, and Vermont and the Canadian Provinces of New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island, and Quebec, and any other Active Member of the Society specifically requesting membership in the Chapter on a year-to-year basis.

#### Section 3. Officers and Executive Committee

- a. The Chapter officers are the elected officers -- President, Vice-President, and Secretary-Treasurer -- and the Immediate Past President.
- b. Only Active Members of the Chapter may be nominated for or serve in the offices of the Chapter.
- c. The elected officers are elected at the Annual Business Meeting of the Chapter by mail ballot received by the membership at least 30 days prior to the Annual Business Meeting and returned to the Immediate Past President prior to the Annual

Business Meeting. They are installed at the meeting during which they are elected. At that time, the current President automatically becomes the Immediate Past President. The officers retain office until the next Annual Business Meeting. Officers, except Secretary-Treasurer, may not be elected for successive terms.

- d. The Executive Committee of the Chapter comprises elected officers and the Immediate Past President. The Executive Committee is authorized to act on behalf of the Chapter between meetings and to perform appropriate duties and functions.
- e. If an elected officer cannot complete the term of the office, the Executive Committee may appoint a qualified replacement to serve out the unexpired term.
- f. In the event of cancellation of the Annual Business Meeting and the absence of a mail ballot, the officers and the members of any committee shall continue to serve until the next scheduled meeting at which elections may be held.

#### Section 4. Meetings and Voting

- a. The Chapter shall meet at least once per year. The Executive Committee sets the time and place of the Annual Business Meeting and any other meetings of the Chapter.
- b. In an emergency, the Executive Committee may cancel or change the place of the Annual Business Meeting.
- c. Fifteen Active Members constitutes a quorum for transaction of Chapter business at Chapter meetings.
- d. Decisions at meetings of the Chapter are by simple majority vote of Active Members voting, except two-thirds majorities are required to amend the Bylaws of the Chapter.

#### Section 5. Duties of Officers and Committees

- a. The President shall preside at all meetings, chair the Executive Committee, make appointments, serve as a voting member of the Executive Committee of the Northeast Division and non-voting member of the Executive Committee of the Society.

- b. The Vice-President shall chair the Program Committee, which has responsibility for the program arrangements at Chapter meetings, and shall assume the duties of the President if the latter is unable to act.
- c. The Secretary-Treasurer shall keep the official records of the Chapter, submit minutes of the Chapter meetings to the Executive Director of the Society and the Secretary-Treasurer of the Northeast Division within 30 days after each meeting, collect and be custodian of registration fees collected under Section 8 of these Bylaws, and of any funds which may be allotted to the Chapter, disburse funds as authorized by the Executive Committee, submit a record of receipts and disbursements at the Annual Business Meeting, and discharge other duties as requested by the Executive Director of the Society, by the Secretary-Treasurer of the Northeast Division, and by other appropriate Society officers.
- d. Committees and Chairpersons of committees, except as listed in Sections 3 and 5 of these Bylaws, shall be appointed and charged by the President. Except for Standing Committees, these Chapter committees shall cease to function upon discharge of the duties for which they were appointed.

#### Section 6. Amendment of Bylaws

- a. Chapter Bylaws may be amended in accordance with Article VI of the Constitution of the Society and Section 4 of these Bylaws.
- b. Following approval by Chapter membership, bylaw amendments must be submitted to the Executive Director at least 45 days before the next meeting of the Executive Committee of the Society.
- c. Bylaw amendments shall not be implemented until they have been approved by the Executive Committee of the Society.

#### Section 7. Dues and Fees

The membership of the Chapter may establish annual dues for membership in the Chapter. The Executive Committee may assess each registrant attending a meeting of the Chapter a registration fee necessary to cover the costs of the meeting and Chapter activities.

Accepted Revision  
September 21, 1987

## CHAPTER NEWS

### MAINE

*James Hawkes*

*Biologist*

*NOAA-Fisheries - Maine Field Station*

*31 Main Street*

*Orono, Maine 04473*

*Phone: (207)866-7378 Fax: (207)866-7342*

*Email: James.Hawkes@noaa.gov*

### Studying Smolts in Maine Coastal Rivers

In spring when the temperature rises in Maine's coastal rivers, juvenile Atlantic salmon set out on an arduous migration that will take them hundreds, and in some cases thousands, of miles. The one-, two- and three-year-old salmon make their way down river, through estuaries and bays, and out into the Gulf of Maine. Some will spend their adult lives in the Labrador Sea; others off the coast of Greenland. After one or two years at sea, the adult salmon return to their rivers of origin and make their way back upstream to spawn.

In recent years the number salmon returning to most Maine rivers has been distressingly low – in some rivers, fewer than 10 fish returned last year. While the Atlantic salmon have been much studied and their decreasing numbers have been well-documented, biologists are uncertain what is causing the decline and what can be done to reverse it. A variety of stocking programs have been conducted with the hope that an increase in the number of fish leaving the river will result in an increase in fish returning to spawn. But until the mid-1990s, biologists didn't have much information about survival rates at different life stages for salmon in Maine Rivers. What percentage of parr (pre-adolescent salmon) survive to become smolts? And what percentage of the smolt population perishes in the migration down stream, or in the transition to saltwater living?

In 1996, a team of biologists from NOAA's National Marine Fisheries Service and the Maine Atlantic Salmon Commission began a smolt study using rotary screw traps. That study, combined with other efforts such as fry stocking, parr studies, redd (nest) counts, and adult trapping on many of Maine's rivers, are shedding light on the survival rates from one salmon life stage to the next.



The smolt studies are being conducted on five rivers with 11 traps: four on the Narraguagus; three on the Penobscot; Two on the Sheepscot; and one each on the Dennys and Pleasant rivers. Preliminary estimates from Narraguagus indicate that about 1,500 smolt left that river in 2002. The team surgically implanted 101 of those smolts with ultrasonic pingers that allow NOAA biologists to track the fish through the lower reaches of the river to the Maine Coastal Current in the Gulf of Maine. This work is providing information about mortality rates and migration routes.

On the Penobscot, 500,000 hatchery-raised smolts were released into the system. Approximately one third (170,000) of these fish were batch marked with elastomer tags. Some of these fish were caught on the river in the rotary screw traps; some were collected in a surface trawling operation conducted by NOAA in the Penobscot Bay and offshore waters of the Gulf of Maine from 13 May to 7 June. The biologists collected data about the physiological changes these fish undergo and about their movement through marine waters. The trawls collected over 700 post-smolts this year.



Traps on the Sheepscot and Pleasant rivers collected very low numbers of smolts – fewer than 100 on the Sheepscot and fewer than 10 on the Pleasant. Fish from the Pleasant were transported to Craig Brook National Fish Hatchery to supplement the Pleasant River brood stock held there.

On the Dennys River, Maine ASC scientists sampled smolts and monitored the emigration of both hatchery and wild smolts. Data gathered in this first-time smolt trapping on the Dennys will be used to derive a population estimate for the river.

Editor's note: You can find more information on the Maine Atlantic Salmon Commission's web site...[www.state.me.us/asa](http://www.state.me.us/asa).

### **The Biologist's Notebook**

By Ed Baum

Atlantic Salmon Unlimited

PO Box 6185

Hermon, Maine 04402-6185

[www: MaineAtlanticSalmon.com](http://www.MaineAtlanticSalmon.com)

### **Reduced Greenland Fishery Quota Adopted at 19<sup>th</sup> Annual Meeting of NASCO**

The Nineteenth Annual Meeting of the North Atlantic Salmon Conservation Organization (NASCO) took place in Torshavn, Faroe Islands, from June 3-7, 2002.

Commissioner Rolland Schmitt, Director of the Office of Habitat Conservation for the National Marine Fisheries Service, led the US delegation. The two other US Commissioners, George Lapointe, Commissioner of the Maine Department of Marine Resources, and Steve Gephard, supervisory fishery biologist at the Connecticut Department of Environmental Protection (Fisheries Program) also participated in the meeting. The US delegation also included representatives from the National Marine Fishery Service (NMFS), the US Fish and Wildlife Service (USFWS), the State Department (Office of Marine Conservation), the State of Maine, various environmental nongovernmental organizations (NGO's), and me, as a consultant to the NMFS.

#### **Review of 2001 West Greenland Fishery**

Although the 2001 Greenland fishery quota adopted by NASCO allocated a commercial quota of up to 114 metric tons (mt) over three possible harvest periods, the total recorded harvest for 2001 was 42.2 mt. Greenland reported that although 390 licenses were issued, only 76 were actu-

ally used for salmon fishing. Low salmon prices coupled with high prices for other species found in more abundance (cod and snow crab) led to the decrease in salmon fishing effort in last year.

#### 2002 Greenland Fishery

At the June meeting in Torshavn, Greenland reiterated its right to fish for salmon and its support for a quota established according to the agreement established at the 1993 NASCO meeting. Although the formula agreed to in that agreement would have allowed for a harvest of up to 167 mt of salmon this year, Greenland also noted its willingness to cooperate with any reasonable solution to the salmon fishery concerns expressed by all NASCO Parties. Following intense negotiations, NASCO members were able to reach agreement on an ad hoc management plan similar to the 2001 model.

This year's ad hoc plan establishes a commercial quota for the 2002 fishery at a range of 20 – 55 mt; this represents a two-thirds reduction from the 2001 quota level. The quota agreement also provides for a more than 80% probability of achieving at least a 25% increase in returns of adult Atlantic salmon in the United States in 2003.

The ad hoc plan also allows for only two harvest periods as opposed to the three that were allowed last year, although the total fishing days will remain the same. The first period will start no sooner than August 12 and will remain open for 2 weeks, or until 20 mt of salmon are taken (whichever comes first). The maximum quota for the fishery in 2002 will depend upon the observed range of commercial catch per unit of effort (CPUE). If the average commercial CPUE in the first period is "low," the fishery will be closed. If the average commercial CPUE is "medium," a second harvest period will be allowed and an additional 18 mt will be allocated (i.e., a total of 38 mt). If a "high" CPUE is observed, an additional 17 mt will be allocated (i.e., a total of 55 mt).

Using last year's fishery as a guide, it is extremely unlikely that Greenland will harvest the full 55 mt, even if it is allocated, given the lack of interest in the fishery by Greenlandic fishermen in recent years.

Finally, discussions between Greenland's fishing industry representatives and certain NGO groups (e.g., Atlantic Salmon Federation, etc.) continue. These discussions could result in a buy-out of the Greenland fishery in 2002 (and possibly in future years), despite the existence of the agreed-to quota from the NASCO meeting. Various factors currently exist that make such an agreement attractive to Greenland. In particular, these factors include the continued extremely low price of salmon in Greenland and

the existence of other, more lucrative, fishing and hunting opportunities for local residents. The US and other NASCO Parties have indicated that they would be extremely supportive of any such long-term buy-out of the Greenland fishery.

The Twentieth Annual Meeting of NASCO will be held from June 2-6, 2003, in Edinburgh, Scotland.

#### AIC Logo

President Norm Dube requested that the AIC logo be improved and my good friend Tom Bodie (no relation to Bodie Ghost Town in California) created a few trial logos for us. One is included below to give us all ideas on where we want to go with the logo.



**NEW BRUNSWICK**  
*No new submissions*

**NEW HAMPSHIRE**  
*No new submissions*

**NOVA SCOTIA**  
*No new submissions*

**VERMONT**  
*No new submissions*

### National Chapter News

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#### 3 New Book Releases from AFS:

Biology, Management, and Protection of North American Sturgeon  
Webster Van Winkle, Paul J. Anders, David H. Secor, and Douglas A. Dixon, eds.

This multi-authored symposium volume addresses the vulnerability and continuing decline of numerous sturgeon species and stocks and the intense efforts to manage and protect them. Biology, Management, and Protection of North American Sturgeon presents timely, accessible, and directly applicable biological and ecological research leading to more effective conservation and management of North American salmon. Written by scientists, resource managers, and electric utility industry personnel with a shared interest in sturgeon biology and ecology, management, and protection, this book includes life history characteristics relevant to population dynamics, viability, and persistence; upstream and downstream migratory behavior; habitat requirements and local movement; passage technologies; and conservation management and stock enhancement. Most major sturgeon species in America are covered, including shortnose, Atlantic, Gulf, lake, pallid, shovelnose, white, and green sturgeon.

274 pp., paperback, June 2002  
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Incorporating Uncertainty into Fishery Models  
Jim Berkson, Lisa. L. Kline, and Donald J. Orth, eds.

A valuable and much-needed reference, this book examines the full range of approaches for incorporating uncertainty or variability into fisheries work and ecosystem management.

This important book contains a series of new and original case studies with details of the context, purpose, methods, and results of each theoretical application. Indispensable to professionals, graduate students, and other academics, this book will be a continuing resource for applying uncertainty in the relationships involving fish population dynamics and management.

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Fishes of Alaska  
By Catherine W. Mecklenburg, T. Anthony Mecklenburg and Lyman K. Thorsteinson

Fishes of Alaska is the only comprehensive guide to the marine and freshwater fishes of Alaska. Coverage extends out to the 200-mile limit and down to the abyssal plains of the Arctic Ocean, Bering Sea, Gulf of Alaska, and North Pacific Ocean with accounts of 601 species in 108 families and 36 orders. The rare and poorly known species are covered as well as the more familiar inshore, commercial, and sport fishes.

This book especially represents a significant review and synthesis of information for the sculpins, snailfishes, lumpsuckers, and other understudied families of the region. Identification keys and family and species accounts are presented in the framework of a modern classification.

The accounts give morphological features, discuss taxonomic problems and geographic range, depict range in Alaska on maps, illustrate each species, and give synonyms, detailed notes, and documentation of all information presented. The volume includes a gazetteer, a glossary, an extensive bibliography, and a detailed index.

This catalog of species with a consistent body of descriptive and source materials under one cover is an essential reference for marine biologists, ichthyologists, natural resource managers, students, naturalists, and others seeking authoritative information on the fishes of Alaska and adjacent waters of Canada and Russia.

1116 pp., hardback, April 2002  
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Don't forget to browse featured articles from the latest issue of FISHERIES magazine at: <http://www.fisheries.org/fisheries/fishery.shtml>

#### From the January 2002 issue:

NEW RELEASES FROM AFS  
*Reflections: A Photographic History of Fisheries and the American Fisheries Society in North America* by Christine

M. Moffitt

This multimedia and CD collection chronicles the 131-year history of the American Fisheries Society (AFS), while tracing the changes in the social and geographical history of North America, providing a visual and audio exploration that allows the reader and viewer to reflect on past challenges, successes, and failures of fisheries and AFS, to look honestly at the present, and to renew a vision for the future.

Stock Number: 550.43  
List Price: \$36  
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Members Save \$11  
*Behavioral Technologies for Fish Guidance Symposium 26*, Charles C. Coutant, editor

This proceedings on the Symposium, Behavioral Technologies for Fish Guidance, held August 30-31, 1999 in Charlotte, North Carolina, fills the need for peer-reviewed documentation of the results of recent research and demonstration experiments with several technologies, fish species, and locations. New concepts in fish guidance, as well as guidelines for the development of behavioral guidance technologies and regulatory agency perspectives on the use of these technologies, are also presented. In addition to its technical content, the book includes materials and information currently available only in difficult-to-obtain agency reports.

Stock Number: 540.26  
List Price: \$69  
AFS Members: \$48  
Members Save \$21

*Rotenone in Fisheries: Are the Rewards Worth the Risks? Trends in Fisheries Science and Management, Vol. 1*, Richard L. Cailteux, Leo DeMong, Brian J. Finlayson, William Horton, William McClay, Rosalie A. Schnick, and Charlie Thompson, editors

This first volume in a new series covers a variety of topics, including stewardship and use policies, environmental safety issues, and several case histories from across the United States. This important resource will increase the understanding of fish toxicants and further promote the safe and effective use of rotenone.

Stock Number: 550.42  
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**Editor's Notes: Newsletter Available on the Website**

Those of you that would like to save the society paper and postage, please let Scott Decker know you want the e-version of the newsletter. Scott will remove your name from the paper mailing list. Currently the newsletter costs over US\$1/issue to print and mail. Shawn Good sends out an e-mail notification to all AIC members when the newsletter has been uploaded to the AIC website. All you have to do is click on the current newsletter and download it. The newsletter is in an Adobe Acrobat file format, so it can be viewed and printed easily.

**Many thanks** to those of you who have submitted articles and reviews. The newsletter is our primary outlet for sharing information with those members who cannot attend our annual meeting, so it is important to spread the word about projects happening in your region.

**As a reminder, I take submissions anytime throughout the year. You can contact me via e-mail: [Jmagee@gomezandsullivan.com](mailto:Jmagee@gomezandsullivan.com) or by phone: (603) 529-4400**

**Getting Activated: Professionalism and the AIC**

Become involved. Those were the words of Scott Covington in the last issue of the AIC newsletter. Norm Dube is spreading the same message and I concur. Being involved in the AIC has led me to meet many others in our field and opened my eyes to the rich diversity of interests we enjoy.

The second item with which I also agree is that of spreading the word. Fisheries science is a living, breathing (and ever-evolving) creature. It is only with the interest of new members that we are able to continue our collective exploration into the understanding of the natural world. Please help get a new member involved.

John Magee

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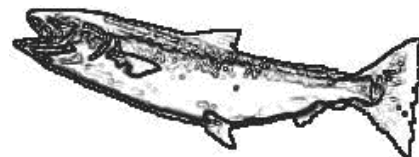
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**28<sup>TH</sup> Annual Meeting**  
**Atlantic International Chapter - AFS**

**September 22-24, 2002**

**Complexe Les Deux Rivières**  
**Tracadie-Sheila, New Brunswick**

**REGISTRATION FORM**

**Instructions:** Please complete the form below. Include your name, agency/affiliation and address. Make cheque or money order payable to **Atlantic International Chapter of AFS**. Return form with payment to Kathryn Collet (address below). **For room reservations, please contact Complexe Les Deux Rivières directly.**

**Name:** \_\_\_\_\_

**Agency / Affiliation:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Phone :** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Meeting registration fee: (payable to AIC-AFS)**

**\$20. Cdn. (Members) (\$25. after Aug. 31<sup>st</sup>) Membership #** \_\_\_\_\_

**\$25. Cdn. (Non-members) (\$30. After Aug. 31<sup>st</sup>)**

**Monday night "Cajun" Cruise** (optional; payable on arrival) **YES**  **NO**

Board the "Cajun" (a replica "Mississippi River Boat") for a 2-2<sup>1</sup>/<sub>2</sub> hour cruise on the Acadian trail. Music, licensed. (Cost estimated ~ \$15. Cdn.)

**Send to:**

Kathryn Collet

NB Dept. Natural Resources & Energy, Fish & Wildlife Branch

P.O. Box 6000, Fredericton, NB

Canada E3B 5H1

Phone: (506) 453-2440

E-mail: kathryn.collet@gnb.ca

**Second Call for Papers!**  
**AIC Annual Meeting, September 22 - 24**  
**Tracadie-Sheila, New Brunswick**



**Atlantic International Chapter Newsletter**

John Magee, Editor

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