



NORTHWESTERN ONTARIO CHAPTER

NEWSLETTER VOLUME 19, NUMBER 1

MARCH 2000

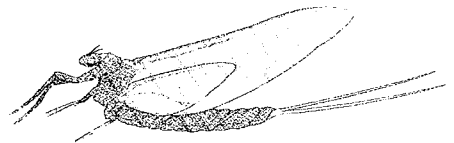
1998 Annual NW Ontario Chapter Workshop

The 1998 Northwestern Ontario Chapter of the AFS Workshop, "Understanding the Client", was held September 24th-25th at the Victoria Inn, Thunder Bay, Ontario. President-elect, Rob Kushneriuk, organized the two day event with local and visiting speakers from the Ministry of Natural Resources and private industry. This included Wolfgang Haider, private consultant; Len Hunt, MNR; George Morgan, Laurentian University; Terry Marshall, MNR; Mike Fruetel, MNR and Kim Armstrong, MNR. The workshop portion covered topics such as understanding the angler, basic considerations when designing questionnaires and survey forms, angler preference to regulations and their expectations to the fisheries, and different examples of angler surveys in Ontario. A portion of the workshop also covered Regional Fisheries Models and a presentation of the computer program. A total of 24 attendants from around the Northwest Region participated.

After a superb meal, Guest Speaker Mike Jones, Thunder Bay, presented a very interesting and colourful slide show of his kayaking trip to Lago Titicaca in South America.

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Speakers for the workshop(L-R): Terry Marshall, Len Hunt, Kim Armstrong, George Morgan, Wolfgang Haider and Mike Fruetel.

Brian Jackson, Mike Fruetel and Walter Momot mingle during a break in the workshop.



AMERICAN FISHERIES SOCIETY NORTHWESTERN ONTARIO CHAPTER

Executive Committee

President - Rob Kushneriuk
 President Elect - Rob MacKereth
 Vice President - Brian Jackson
 Secretary Treasurer - Steve Scholten
 Newsletter Editor - Susan Mann
 Assistant Newsletter Editor - Randy Wepruk

Membership Committee

vacant

Fundraising Committee

Rob Kushneriuk and Jackie Hrabok

AMERICAN FISHERIES SOCIETY, NORTHWESTERN ONTARIO CHAPTER

Business Meeting

September 24, 1998

Victoria Inn, Thunder Bay, ON

Members present: Walter Momot, Mike Fruetel, Randy Wepruk, Susan Mann, Terry Marshall, Jim McNulty, Brian Jackson, Tom Mosindy, Rob Kushneriuk, George Morgan and Kim Armstrong.

Call to Order: A motion was put forth to call to order the meeting of the Northwestern Ontario Chapter of the American Fisheries Society at 5:05 p.m. on September 24, 1998 at the Victoria Inn, Thunder Bay, Ontario by Terry Marshall. Seconded by Mike Fruetel.

Introduction of Executive: The executive present for the meeting were Rob Kushneriuk, President-Elect; and Susan Mann, Newsletter Editor.

Domonique Houstoun, President, Rob MacKereth, Vice-President and Steve Scholten, Secretary/Treasurer were unable to attend. Susan Mann took the minutes.

Determination of Quorum: There were not enough members for quorum. Terry Marshall motioned to waive quorum, seconded by Tom Mosindy.

Approval of Previous Minutes: Tom Mosindy noted an addendum to the Minutes of the October 21, 1997 meeting. The Chapter drafted a Resolution of Support of the Experiment Lake Area. Tom Mosindy sent letters to the Federal Government stating our position with regards to the Resolution and stated as of the meeting there was no response from the government. When he came back from the meeting, two positive responses from Federal Ministers were waiting for him on his desk.

Presidents' Remarks: Domonique Houstoun sent her remarks via Rob Kushneriuk. See attached. Rob Kushneriuk thanked Domonique for all of her hard work.

Committee Reports: None given

Treasurer's Report: Domonique Houstoun sent a combined Treasurers Report for 1997 and 1998 for the period ending August 31, 1998. The end

balance is \$822.62.

Old Business:

The award for the best paper in 1997 was given to Darren McCormick and Ken McIntosh. Rob Kushneriuk will present each of them with membership to the parent society (AFS) and a travel grant that will pay for a portion of their travel costs to the North Central Division Meeting.

Domonique contacted the Minnesota chapter with regards to a possible joint meeting in 1999 to celebrate our Chapters 20th anniversary. The Minnesota chapter meets in the spring of each year.

The resolution dealing with the upcoming changes in the fisheries act was not completed. Glenn Forward was not present to make a report. Glenn conferred with Rob Kushneriuk and they could not find concrete examples of any problems with the act.

Terry Marshall, who was responsible for reviewing the Sea Lamprey Control Resolution, reported that the review period was over by the time he was given the task and could read up on it. He found it to be acceptable.

Import of Leeches - Andy Houser, Fisheries Branch was looking for our chapters input of the draft regulations on the import of leeches. Tom Mosindy received the letter in the spring of 1997. The period of consultation was missed. The 1999 draft regulation of the import of leeches is on the MNR web site. The MNR is looking for input of errors. Only commercial Bait Fish Dealers can import. This does not address problems in the background paper by the MNR. It would seem to be a compromise. Tom wondered if the chapter should comment or pursue the draft regulation. The Chapter should not negate its responsibility even after the review period is past. In the Position paper on Exotics, species introduction focuses on live bait, harmful

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pathogens, invasive species, etc. Tom Mosindy, Randy Wepruk and Walter Momot formed a committee to look at the background paper on Leeches and will form a resolution for the Chapter.

Installation of president for October 1998 to October 1999: Congratulations Rob MacKereth. President Elect: Rob MacKereth automatically rolls into this position from Vice President Election for Vice President, Secretary/Treasurer, Newsletter Editor and Assistant Editor: Vice President: Mike Fruetel nominated Brian Jackson, seconded by Terry Marshall. Unanimous vote for Brian. Congratulations Brian.

Secretary/Treasurer: Steve Scholten was kept on as Secretary/Treasurer.

Newsletter Editor: Susan Mann agreed to stay on as Editor.

Assistant Newsletter Editor: Randy Wepruk volunteered for the position.
Committees

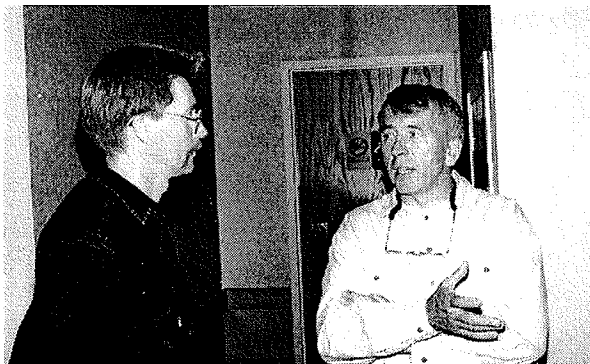
Fund Raising: Terry Marshall and Rob Kushneriuk volunteered for the positions.

Membership: Rob Kushneriuk nominated Mike Fruetel. All in favour. Motion carried. New Business: None tabled at this time.

Next Years Meeting

Rob Makereth is to take care of details with the Minnesota Chapter.

Rob Kushneriuk motioned the meeting be closed, Terry Marshall seconded at 6:40 p.m.



Tom Mosindy discussing the finer points of kayaking with Mike Jones

AFS Annual Meeting Information *AFS North Central Division Annual Meeting*

Apr. 4-5, 2000
Rock Island, Illinois

130th AFS Annual Meeting

Aug 20-24, 2000
St. Louis, Missouri

131st AFS Annual Meeting

Aug. 19 - 23, 2001
Phoenix, Arizona

Useful Fisheries Websites

American Fisheries Society - <http://www.fisheries.org>
Northcentral Division of the AFS - <http://www.fw.umn.edu/ncdafs>
Canadian Aquatic Resources Section - <http://www.umanitoba.ca/outreach/cars>
Centrarchid Technical Committee - <http://www.geocities.com/RainForest/canopy/1096/>
AFS Physiology Section - <http://www.helix.net/~macwat/congress.html>
Center for Northern Forest Ecosystem Research - <http://www.cnfer.on.ca>
Northeast Science & Technology - <http://www.nest.on.ca>
Northwest Science & Technology - <http://www.nwst.on.ca>
Ocean Wildlife Campaign - <http://www.audubon.org/campaign/lo>
Department Fisheries and Oceans - <http://www.ncr.dfo.ca/home.htm>
Bedford Institute of Oceanography, Habitat Ecology Division - <http://biome.bio.ns.ca/bio/hed/hed.html>
Great Lakes Fisheries Commission - <http://www.glfc.org>
Great Lake Sport Fishing Council - <http://www.great-lakes.org>
Northeast Fisheries Science Center - <http://www.wh.who.edu/noaa.html>
North American Native Fisheries Association - <http://199.245.112.101/nanfa/>

The Biologist and His Records

By John L. Funk

A biological investigation is worthless unless adequate records are kept. This is hardly news to most of us, but we need to think about it occasionally and to ask ourselves, "How good are my records?" and more especially, "How would my records look to someone else?" I believe a scientist should try to keep records so that if he or she were incapacitated tomorrow, another could carry on the work without loss of time or continuity" It is a distinct commentary on the scientific stature of Dick Marzolf (Missouri Department of Conservation fisheries research biologist) that, after his tragic death, I was able to prepare for publication his work, "The Reproduction of Channel Catfish in Missouri Ponds," merely by assembling and editing his reports and field notes.

The records of biological investigations made for a government entity are the property of that institutions. This is in keeping with the general principle that the records of work done by professional people are the property of the employing agency, whether the professionals are lawyers, architects, engineers, industrial chemist, or fishery biologists. Since the records or your investigations are the property of your employer, they must be left behind if you terminate employments. The real value of the records of scientific investigations is in the application of the results derived from them. Nothing is more pathetic that a filing cabinet full of indecipherable or unused records. Your stake in your records is in seeing them put to use.

The chief purposes of our investigations are to improve fisheries management within our purview and to add to the store of human knowl-

edge. Our first goal is to change management practises for the better. Our vehicle of this is the well-prepared report--carefully reasoned, clearly and concisely written, technically correct--and without excessive technical verbiage. If the report is to attain its objective, it must be aimed at the administrator, someone with a keen interest in the subject and a broad knowledge of the field but not necessarily precisely detailed. It is dangerous both to assume that an administrator has more detailed information than he or she actually does and to overlook the broad general implications of the change you propose. In the first instance the administrator may not comprehend the importance of your proposal; in the second you risk looking ridiculously narrow in your outlook. Consultation with supervisory personnel will help you avoid such pitfalls in preparing your reports. For the occasion when time will not permit the entire report to be read, a short, concise abstract should be provided that sets for the principal findings and recommendations in the report without confusing details or qualifications.

Our second goal is publishing the results of our investigation in a recognized technical journal or magazine, thus adding to the store of scientific knowledge. A carefully prepared report usually is the forerunner of an acceptable paper. Since it is to its credit as well as to yours that your paper be of the highest quality possible, the fisheries staff of most agencies usually offers extensive editorial assistance. This help should always be used. Editors frequently talk about poorly prepared and "underedited" papers, but I have never heard one complain about a paper have been "overedited". The editorial assistance you receive starts with the editing of your report. At the Missouri Department of Conservation and elsewhere, fisheries administrators attempt to maintain standards or writing their reports similar to those expected in papers prepared for publication, on the grounds that a writing style is

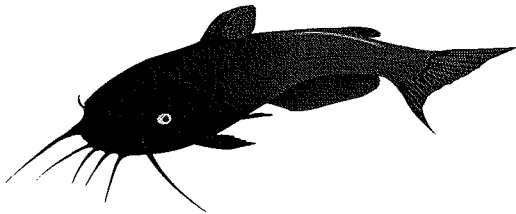
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John L. "Slim" Funk was superintendent of fisheries research with the Missouri Department of Conservation when he wrote this letter in 1962. An honorary American Fisheries Society member, he died almost a year ago. His words are still relevant today.

largely a complex of habits and good habits that might as well be cultivated.

The supervisory personnel on the research staff usually is happy to help with advice and suggestions on presentation and interpretation of data, special editorial problems, etc. Your supervisor or an agency editor may expect to edit any paper prepared for publication. The supervisor is entitled to review any publication originating from subordinates for the purpose of achieving coordination of policy, and her or his editorial comments as well as those of the editor should be of much value and technical assistance. When the paper is published, the agency will likely publish reprints and will mail them to key constituents. By all means, prepare your material for publication. Your agency colleagues and the profession will benefit from it.

Taken from "Fisheries" Volume 23 (4), 1998.



Fish Humor

Bubba and Jethro decide to go ice fishing early one morning. After arriving at the lake, they drill their holes and drop in their lines. After fishing for a few hours, Bubba has caught several fish while Jethro hasn't even gotten a bit. Jethro asks, "Bubba, what's your secret?" Bubba answers, "Mmu motta meep da mmmms mmm." Jethro asks, "What did you say?" Bubba answers, "Mmu motta meep da mmmms mmm." Jethro again asks, "What?" Bubba spits into his hand and says, "You gotta keep the worms warm!"

*Taken from: Midwest Fishing Guide. Some Fish Jokes and Humor
(www.midwest-fishing-guide.com/articles/jokes1.html)*

There were two old boys who love to fish, and they wanted to do some ice fishing. They'd heard about it up in Canada, and they took off up there. The lake was frozen nicely. They stopped just before they got to the lake at a little bait shop and got all their tackle. One of them said, "We're going to need an ice pick." So they got that, and they took off. In about two hours, one of them was back at the shop and said, "We're going to need another dozen ice picks." Well, the fellow in the shop wanted to ask some questions, but he didn't. He sold him the picks, and the old boy left. In about an hour, he was back. Said, "We're going to need all the ice picks you've got." The Fellow couldn't stand it any longer. "By the way," he asked, "how are you fellows doing?" "Not very well at all," he said. "We don't even have the boat in the water yet."

Taken from: Big Fish Design (www.bigfishpond.com/humor/fishumor.htm)

WHO SAID?

The fishing isn't as good as it used to be -
and it never was.

Fisheries Management: "...interminable
debate about the condition of fish until all doubt
is removed."

The oceans are so big, you'll never fish
them out.

The Great Lake are so big, you'll never fish
them out.

How many ways are there to say "You're
killing too many fish?"

I told you the fish were in trouble.

Said of angling: "...it was an employment
for his idle time, which was then not idly spent."

AMERICAN FISHERIES SOCIETY, NORTHWESTERN ONTARIO CHAPTER

2000 NWO AFS Annual Meeting/Joint Workshop

American Fisheries Society, Northwestern Ontario Chapter and Boreal Science Section (MNR)

Annual meeting March 30-31 2000

Nor'Wester Hotel, Thunder Bay, Ontario

A special symposium entitled 'Superior Salmonids' has been arranged for the opening afternoon of the meeting. Several guests from the U.S. will join us to discuss current and future work on research and rehabilitation of the Coaster brook trout in Lake Superior. The second morning will be a general session on fisheries in Northwestern Ontario.

The Lake Superior Management Unit in Thunder Bay has generously agreed to sponsor the meeting so there will be no registration fee to attend the meeting. **There will be a fee for the banquet, which will be held the evening of March 30th, of \$30.00 payable at the meeting.**

The meeting will be held at the Nor'Wester hotel just south of Thunder Bay on highway 61.

Nor'Wester Hotel

2080 Hwy 61

(807) 473 9123

Sponsored by the Lake Superior Management Unit and the NW-AFS

Thursday March 30

12:30-1:00 Registration

Superior Salmonids: Lake Superior's Coaster Brook Trout

1:00-1:10 Welcome and introduction to theme session

Rob Mackereth (OMNR: CNFER)

1:10-1:30 History of Coaster brook trout in Nipigon Bay

Rob Swainson (OMNR: Nipigon district)

1:30-2:00 Coaster spawning habitat, how little do we really know?

Lee Newman (U.S. Fish and Wildlife Service, Ashland Wisconsin)

2:00-2:30 Isle Royal Coasters

Henry Quinlan (U.S. Fish and Wildlife Service, Ashland Wisconsin)

2:30-3:00 Can habitat and landscape variables describe Coaster brook trout distributions in Lake Superior tributaries?

Seth Moore (University of Minnesota)

3:00-3:20 Coffee break

3:20-3:40 Ecology and restoration of Coaster brook trout in Michigan's Upper Peninsula

Patrick Schmalz (Michigan Technological University)

3:40-4:00 Habitat use by Coaster brook trout in Nipigon bay, Lake Superior

Jamie Mucha (Lakehead University)

4:00-4:20 Habitat use and movement of Coaster brook trout in the Nipigon River

Marilee Chase (OMNR: Lake Superior Management Unit)

4:20-4:40 The genetics of Coaster brook trout

Chris Wilson & Sylvia D'Amelio (OMNR: AESS and Trent Univ.)

5:00-5:30 Northwestern Ontario AFS business meeting

Rob Kushneriuk: Chapter President

5:30-6:30 Cocktail hour (cash bar)

6:30 Banquet

7:30- Panel Discussion: The direction of research and management of Coaster brook trout

Friday March 31

Fish and Fisheries in Northwestern Ontario

8:00 Coffee and muffins

8:30-8:50 Steelhead in the McIntyre river: a quantitative dilemma

Jeff Black (OMNR: Lake Superior Management Unit)

8:50-9:10 Broad-scale management of Ontario's fisheries resources

Terry Marshall (OMNR: NW Science and Tech.)

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- 9:10-9:30 Population Dynamics and Life History Characteristics of Steelhead (*Oncorhynchus mykiss*) in Portage Creek, Lake Superior (1991-2002)
Jon George (OMNR: Quetico/Mille Lacs FAU)
- 9:30-9:50 The Lac Des Mille Lacs Winter Walleye Mortality Study
Leona Tarini & Jay Wright (OMNR: Thunder Bay District)
- 9:50-10:10 Coffee break
- 10:10-10:30 Bass Tagging and Assessment: Fort Frances Canadian Bass Championship on Rainy Lake
Darryl McLeod (OMNR: Fort Frances District)
- 10:30-10:50 Atikokan smallmouth bass
Brian Jackson (OMNR: Atikokan District)
- 10:50-11:10 Brook trout (not Coasters) in Boreal forest streams
Kim Armstrong (OMNR: NW Sci.&Tech.)
- 11:10-11:30 Timber harvest impacts on Coldwater lakes
Rob Steedman (OMNR: CNFER)



MEMBERSHIP INFORMATION

The Northwestern Ontario Chapter of the American Fisheries Society is a scientific and professional, non-profit organization composed of persons interested in the conservation and enhancement of fisheries resources. The purpose of the Chapter is to: advance the conservation, development and wise use of fisheries resources: gather and disseminate information on fisheries science and management: and promote and evaluate the educational, scientific, and technical aspects of the fisheries profession.

Our Chapter has been active for over ten years, drawing together together fisheries workers with a common purpose. The Chapter publishes two newsletters annually, and hosts an annual business meeting and conference.

Inquires about the Chapter and its activities should be directed to: Rob MacKereth, Ph. D., OMNR Centre for Northern Forest Ecosystem Research, Lakehead University, 955 Oliver Rd., Thunder Bay, ON P7B 5E1

Please mail the following membership application with dues to Rob MacKereth. Membership dues are \$10 annually (\$5 for AFS Parent Society Members)

NWO-AFS Membership Application Form

Name _____
 Address _____
 City _____
 Postal Code _____ Phone _____

