

For personal use
he if you are - 1) interested in joining (\$5.00)
2) in attending the annual
conference.

American Fisheries Society



AT
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- ① Yes 'ATTACHED'
② Yes 'DISCUSS'

F&W

Northwestern Ontario Chapter

AMERICAN FISHERIES SOCIETY

*** NORTHWESTERN ONTARIO CHAPTER ***

President:	Terry Marshall, Box 2089, MNR, Thunder Bay.
President-Elect:	Chris Brousseau, Box 5000, MNR, Thunder Bay.
Past-President:	Dr. Walter Momot, Lakehead University, Thunder Bay.
Secretary/Treasurer:	Dominic Baccante, Box 5000, MNR, Thunder Bay.

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ANNOUNCEMENTS

1. President's Report

Conference of Fisheries and Aquatic Ecology

Our upcoming 1981 annual meeting and fisheries conference is now confirmed, scheduled from noon Wednesday to noon Friday, October 7-9. This event will be held at Quetico Center, with a cost per attendee of \$100.00 for room and meals.

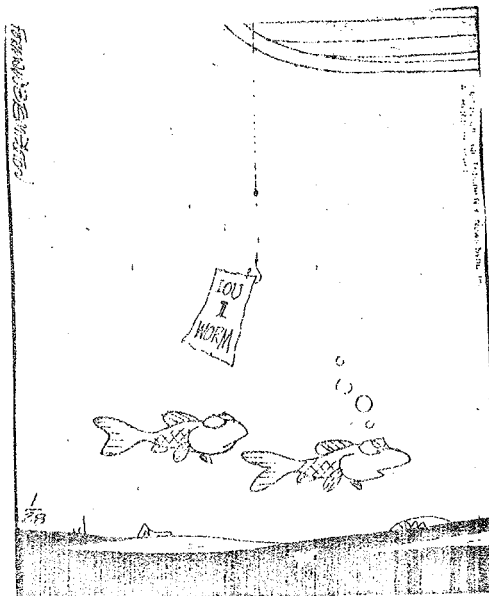
We have recently received a letter from Art Holder, director of Fisheries Branch, Ministry of Natural Resources, indicating his support for the conference. This will allow those MNR employees (who comprise 60% of our membership) attending the conference to recover their expenses. We are attempting to raise additional funding to help out our student members, but would stand a greater chance of success if they assisted us with this chore.

We have reserved accommodations for 56 people at Quetico Center. Of these approximately 26 (including 13 Chapter members) will be actively taking part in one of the sessions, allowing for 30 additional attendees. Chapter members will, of course, be given the first opportunity to fill these slots, with the remainder filled by outsiders on a first come, first served basis.

As we require working capital and must ensure full attendance, we must insist on early registration. If you plan to attend the conference, please fill out the registration form attached to the back of this newsletter and return immediately. Be sure to enclose the \$10.00 registration fee. It is unlikely we will send out a second notice.

A tentative outline of the conference follows. It should be noted that the sessions are geared towards topics of particular concern to fisheries biologists and limnologists in Northwestern Ontario. It is sure to be an interesting and rewarding event - I hope to see you there.

Terry Marshall



"INFLATION IS AFFECTING EVERYTHING!"

PROGRAM UPDATES

1. Chapter Meetings

On March 12, Doug Howell was the guest speaker at our monthly meeting. Mr. Howell who came to Thunder Bay last fall as the Fish and Wildlife Supervisor for the Thunder Bay District of the Ministry of Natural Resources, spoke about the commercial fishery on Lake Erie. He outlined the extent and importance of the yellow perch and its contribution to the rest of the fishery in Lake Erie.

The presentation provided some interesting observations on population dynamics and to what extent the perch can compensate for heavy exploitation. The Lake Erie example provided a good contrast to the Lake Superior fishery which was outlined by W. MacCallum at an earlier AFS meeting.

2. Lakehead University - Projects

Dr. Momot has received three grants which will allow him and his research associates Mr. Chris Nunan and Ms. Beverlee J. Ritchie to continue their studies on the response of the fish community of Henderson Lake to exploitation of walleye. In addition, he will continue the study of the production ecology of crayfish subjected to intense harvest.

Mr. Louis Riklik completed an honours thesis on production ecology of *Hexagenia limbata* in Savanne Lake, Ontario.

Mr. Tim Moody completed an honours thesis on swimbladder worms in Lake Ontario fishes.



"YOU SHOULD HAVE SEEN THE ONE THAT GOT AWAY . . . IT WAS THIS BIG!"

FEATURE ARTICLES

1. NOC Encourages Preservation of Marshes

In recent months the Lakehead Region Conservation Authority has been delving into the possibilities of preserving the marsh habitat in the Thunder Bay Harbour. Of particular interest is the Mission Island Marsh which is extremely important as a resting, feeding, and staging area for thousands of waterfowl. Since the marsh is also important spawning and rearing habitat for many species of fish, the Chapter wrote a letter to the LRCA to support them in their efforts. It read as follows:

The Northwestern Ontario Chapter of the American Fisheries Society promotes the scientific management of aquatic resources for the people of this area. In this regard our Chapter would strongly support the protection of existing marsh habitat in the Thunder Bay Harbour. This would ensure the conservation and wise utilization of the marsh for scientific and educational purposes.

Marshes are a rare and essential part of the Lake Superior ecosystem. Aside from being valuable for wildlife, the marshes play an important role in the production of fish. Many important fish species utilize the shallow productive waters for spawning, rearing, and feeding. The myriads of small fish also play a vital role in maintaining aquatic ecosystem stability. In addition, the Mission Island Marsh is one of the few fish viewing spots in the area and is ideally located for such endeavours.

Chris Brousseau

2. Report on NOC Lottery

In order to raise funds to help finance the Conference organized by our Chapter, a draw was set up during this past winter. The draw took place on the evening of March 12, along with a presentation by Doug Howell on the Yellow Perch Fishery of Lake Erie.

The prizes and winners were as follows:

First Prize: Rod and Reel

won by: Keith McClain
Thunder Bay

Second Prize: Tackle Box

won by: Jim Fraser
Maple

(continued)

Report on NOC Lottery (continued).

Third Prize: Minnow Bucket

won by: Greg Johnson
Geraldton

Fourth Prize: Box of Lures

won by: Rick Borecky
Nipigon

A total of 162 tickets were sold. One of the better selling locations turned out to be the MNR Bonspiel in Red Lake. Apparently, the people there were in the "right" mood for buying tickets, or anything else for that matter!

We'd like to thank all the people who organized the draw and those who sold the tickets, and, most of all, those who bought them.

Thanks also go to Lorne Allard who kindly made the prizes available at a reduced cost.

The funds will be put to use towards the Conference which will take place this fall, and current indications suggest that it will be a successful one.

Dominic Baccante

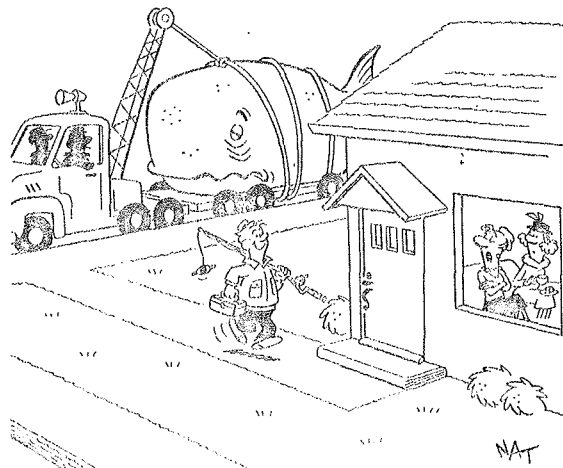
3. Management Plan for Lake Superior Fisheries

The NOC, as an interest group, has been invited to send representatives to the meetings of the Lake Superior Fisheries Management Committee.

The committee is composed of one representative from each of the five MNR districts and two regions surrounding Lake Superior. Its main function is to coordinate management of the fishery in the lake. The meetings are intended to provide the interest and user groups with an update on fisheries programs on Lake Superior, and to solicit the input of the various organizations in the fisheries management plan that is being developed.

A draft of the management plan has been reviewed by our officers and comments submitted to the committee. If anyone wishes to see the draft or involve themselves in this aspect of our Chapter's activities, please let us know.

Terry Marshall



PARENT SOCIETY NEWS

Editor, Mercer Patriarche, reports the first issue of the North American Journal of Fisheries Management will hopefully be mailed in June and requests additional manuscripts for subsequent issues.

For those of you who aren't aware, President Reagan has stated his plans to disband the Cooperative Fish and Wildlife Units. The AFS is attempting to block this action by convincing Congress of the value of the program. While these activities do not directly affect us, the demise of these units will certainly result in an influx of fisheries personnel on the job market and may have indirect consequences in Ontario.

NEW APPOINTMENTS/PERSONNEL CHANGES

Jake Vander Wal has recently accepted the position of Chief of the Water Resources Assessment Unit, Ministry of the Environment, Thunder Bay.

Jim Murphy, formerly with Lakehead University, has accepted the position of Environment Officer with the Ministry of the Environment, Thunder Bay.

JOB OPENINGS/VACANCIES

Notice of an internal competition has been released for a Fish and Wildlife Supervisor position in the Geraldton District, Ministry of Natural Resources.

ANNOUNCEMENT OF UPCOMING MEETINGS

1. First Conference of the Northwestern Ontario Chapter of the American Fisheries Society.

October 7 - 9, 1981 - Quetico Center

2. Fourth Annual Meeting of the American Society of Limnology and Oceanography.

June 15-18, 1981

University of Wisconsin-Milwaukee
Milwaukee, Wisconsin

3. Acid Rain/Fisheries Symposium. Sponsored by the Northeastern Division of AFS.

August 2-5, 1981

Cornell University
Ithaca, New York

(continued)

ANNOUNCEMENT OF UPCOMING MEETINGS (continued).

4. 111th Annual Meeting of the American Fisheries Society
September 16-18, 1981
Classic Hotel
Albuquerque, New Mexico

E M P L O Y M E N T O P P O R T U N I T Y
* * * * *

One to Three Year Contract Position

RESEARCH ASSISTANT IN AQUATIC TOXICOLOGY

RESPONSIBILITIES: Construct and maintain specialized
Laboratory apparatus; maintain fish
stocks; conduct bioassays; analyze
biological data.

QUALIFICATIONS: Degree in biology, preferably at the
Honours level; other degrees will be
considered in combination with relevant
work experience; mechanical ability a
definite asset.

TO APPLY: Submit resume to:

G. W. Ozburn
Department of Biology
Lakehead University
Thunder Bay, Ontario
P7B 5E1

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NORTHWESTERN ONTARIO CHAPTER
of the
American Fisheries Society

ANNUAL MEETING AND CONFERENCE OF FISHERIES AND AQUATIC ECOLOGY

TENTATIVE AGENDA

WEDNESDAY October 7, 1981.

1230 - Lunch
1330 - Introductions

SESSION I - FISHERIES REHABILITATION

Chairman: D. Dodge - O.M.N.R. Toronto

K. Loftus	O.M.N.R. Toronto	Rehabilitation of Lake Superior
J. Leering	O.M.N.R. Thunder Bay	Siltation in Ombabika Bay Lake Nipigon
B. Caldwell and V. Macins	O.M.N.R. Fort Frances O.M.N.R. Kenora	Walleye Spawning Bed Rehabilitation
R. Hamilton	O.M.N.R. Thunder Bay	
P. Waring	O.M.N.R. Simcoe	Preservation of Lake Trout Gene Pool
S. Campbell	F & O Winnipeg	Federal Walleye Rehabilitation Program

1800 - Dinner

THURSDAY October 8, 1981.

0800 - Breakfast

SESSION II - ACID PRECIPITATION IN NORTHWEST ONTARIO

Chairman: J. Vander Wal - O.M.O.E. Thunder Bay

J. Kramer	McMaster U. Hamilton	Introduction, Geology, and Geo- chemistry of Northwestern Ontario
L. Maki	O.M.O.E. Thunder Bay	Acid Precipitation in Ontario Study
J. Gunn	O.M.N.R. Sudbury	Effects on Fish Communities
G. Beggs	O.M.N.R. Toronto	Effects on Other Biota
B. MacDonald	F & O Winnipeg	Acid Rain and Heavy Metals

1230 - Lunch

1330 - N. Yan	O.M.O.E. Toronto	Mitigation Measures
R. Eiffer	Ont. Hydro Toronto	Ontario Hydro Contribution to Acid Rain
G. Glass	E.P.A. Duluth	Lake Acidification in Ontario- Minnesota Boundary Waters

SESSION III - FISHERIES MANAGEMENT

Chairman: D. Howell - O.M.N.R. Thunder Bay

S. Watson	O.M.N.R. Dorion	Dorion Hatchery Multi-year Plan
J. Fraser	O.M.N.R. Maple	Stocking and Research
J. Casselman	O.M.N.R. Maple	Fish Ageing Techniques

1800 - Dinner

1930 - Northwestern Ontario Chapter Annual Meeting

FRIDAY October 9, 1981.

0800 - Breakfast

0900 - SESSION III (continued)

R. Borecky	O.M.N.R. Nipigon	Thermal Imagery on Lake Nipigon
T. Mosindy	O.M.N.R. Thunder Bay	Angling Yields
W. Lysak	M.D.N.R. Winnipeg	Dynamics of Exploited Walleye and Whitefish
R. Ryder	O.M.N.R. Thunder Bay	Ecological Basis of Fisheries Management
M. Lankester	Lakehead U. Thunder Bay	Fish Parasite Systems
N. Ward	O.M.N.R. Kenora	Logging and Fish Habitat
K. Cullis	O.M.N.R. Thunder Bay	Benthos Sampling Program
P. Ryan	O.M.N.R. Thunder Bay	Phosphorus as an Indication of Potential Fish Yield

1230 - Lunch

CONCLUSION OF CONFERENCE