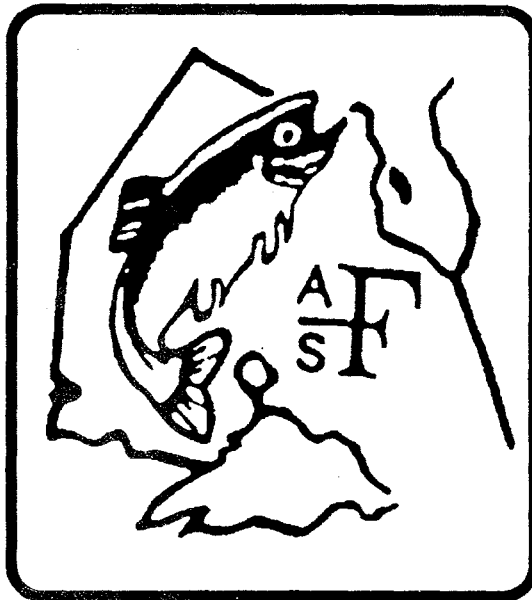


NORTHWESTERN ONTARIO CHAPTER

AMERICAN FISHERIES SOCIETY



NEWSLETTER

Vol. 10 No.1 June, 1990

The newsletter of the Northwestern Ontario Chapter of the American Fisheries Society is printed two times annually and sent to its members free of charge. Membership in the chapter may be obtained by submitting \$10.00 (5.00 for parent society members) to the secretary treasurer or membership representative. Members are urged to join the parent society.

NEWSLETTER
NORTHWESTERN ONTARIO CHAPTER
OF THE
AMERICAN FISHERIES SOCIETY
Vol. 10 No. 1 June 1990

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President	Bev Ritchie
President Elect	Dave Reid
Past President	Al Dextrase
Secretary Treasurer	Helen Ball
Membership Rep	Kim Armstrong
	Al Dextrase
Newsletter Editor	Mike Frustal

President's Report:

By now most of you are either trying to get out into the field, planning summer vacations and generally incredibly busy!! But I hope you will all take some of your valuable time to read this newsletter.

I would like to thank all the presenters and attendees of the Joint NWO-Minnesota Conference in Fort Frances. You should know that the Minnesota organizing committee extends their thanks and commends the presenters for such high quality talks. As well, they are appreciative of our 'active' participation in their auction. I believe the main goals of the Conference were achieved: good exchange of science and ideas; building stronger ties with other AFS chapters. I want to thank Randy Wepruk, Al Dextrase, Helen Ball, Gord Johnson, and Mike Fruetel for assisting me in organizing our Chapter's involvement. Also, special thanks to Al Dextrase, our Past President for a job well done and important contribution of the 'rock bass gavel' for future business meetings.

The next conference is set for September 11 to 13, 1990 at Lindmeier's North Shore Lodge on Eagle Lake near Dryden, Ontario. Dave Reid, President-Elect, is leading the organizing of the conference which has three main sessions:

1. Length-Based Regulations: What are we doing? What do we know?
2. Underutilized species (whitefish) workshop.
3. Lunch tour of the Experimental Lakes Area Program

I encourage all members to attend and to inform others you know would be interested, including conservation officers, tourist outfitters, anglers, etc. Dave has tentative speakers from various regions of Ontario to enhance exchange of science and ideas. I am looking forward to a healthy debate on the use of length regulations for fisheries management.

In terms of preparing for this conference, many of you will have some good fund raising ideas. Please let Mike Fruetel (807-475-1659), Dana Kinsman (807-934-2233), or Helen Ball (Sioux Lookout as of July 1st) know of any ideas by the end of July. Also, elections for the Chapter's president-elect, secretary-treasurer, newsletter editor, membership chairman positions will be done at the business meeting so try to contact potential nominees sometime before the meeting. We can also look forward to progress reports from the Planning Committee, Fund Raising Committee, Continuity Committee, and Membership Co-Charimen.

My goals during my term as President include: finalizing the Resolution of Support; organize AFS reference materials and historic information for future Executives; attend and represent the NWO Chapter at AFS Parent Society Conference in Pittsburgh and report back at September conference.

A reminder to members that this year's AFS Midwest Conference is relatively close, in Minneapolis, first week of December.

See you on Eagle Lake in September and have a fun, productive summer.

Bev Ritchie

Well, here it is, my second newsletter that is only a little late. This issue is mainly to bring you up to date on the upcoming meeting in the fall at Eagle Lake. Looks like it will be a good meeting with the potential to raise some more questions to answer the old question about how good are size limits?

The March meeting in Fort Frances / International Falls was a great success. Extra copies of the agenda and abstracts are available at QMLFAU from Bev or me. A final copy of the Pearse Committee Report was not available for this issue of the newsletter, however, it may be ready for the fall issue.

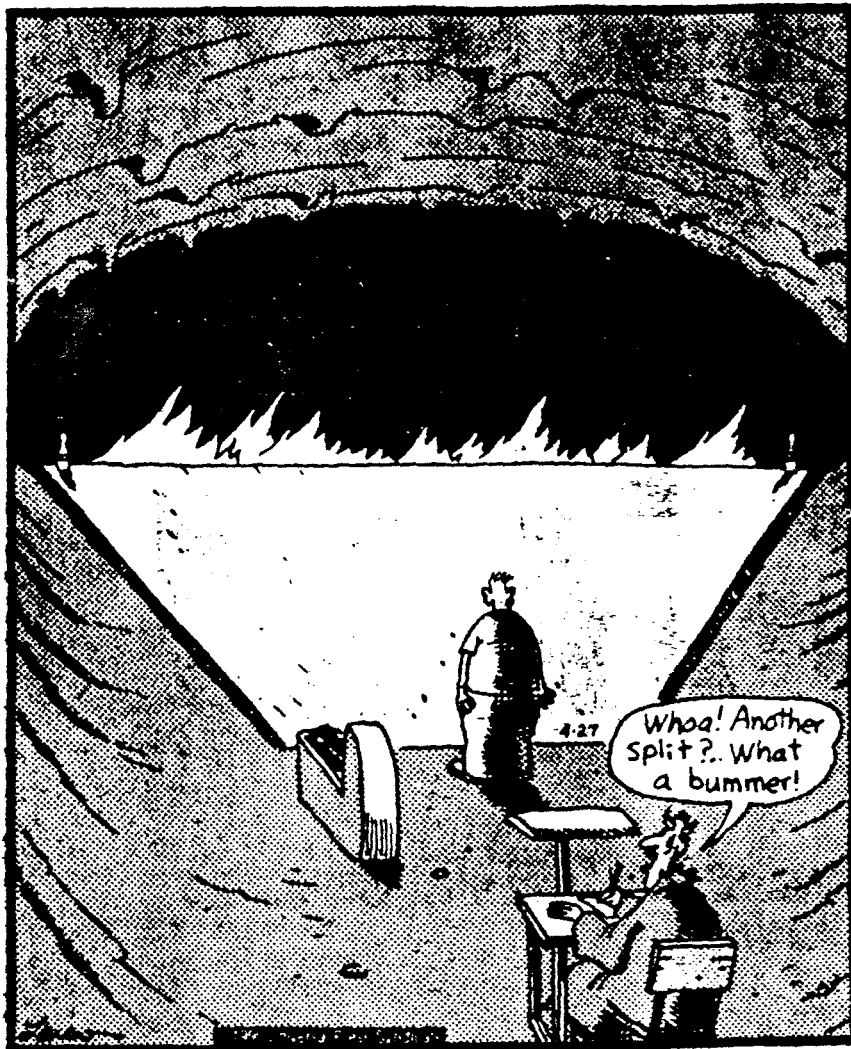
Sorry I wasn't able to call people to get submissions for the Chapter News section, lifes been busy. Anyone who would like to submit something for the next newsletter can send it to Bev Ritchie or me at the QMLFAU by the end of August.

Our in the field secret correspondent (gossip columnist) has left the NCR recently so there is no *IN TRANSIT* for this issue.

A reminder for those who haven't paid their dues, there is a membership application form at the back of the news letter to send to Helen Ball in Sioux Lookout.

I recieved a letter from Don MacKinlay, Newsletter Editor for the Bioengineering Section requesting an exchange of news letters. I will forward copies of our latest news letters to Don and bring along his to our meetings should anyone like to see them.

See you at Eagle Lake for the fall meeting (does Eagle Lake have a bowling alley?).



Bowler's Hell

**TENTATIVE AGENDA FOR THE SEPTEMBER MEETING OF THE
NORTHWESTERN ONTARIO CHAPTER OF THE AFS**

SEPTEMBER 11, 12, & 13, 1990. LINDMEIER'S NORTH SHORE LODGE ON EAGLE LAKE

LENGTH LIMITS - WHAT IS BEING DONE ?, HOW MUCH DO WE KNOW ?

a) Overview:

- 1) History of size limits
Kim Armstrong - Northwestern Region

b) Maximum Size Limits

- 1) Walleye and Pike Maximum Size Limits - Northwest Region
Bruce Ranta - Northwest Region Kenora
- 2) Lake Trout Maximum Size Limits - Northwest Region
Randy Wepruk - Fort Frances District, Northwest Region
- 3) Mille Lacs Maximum Walleye Size Limits - Minnesota
Dennis Schuppe - Minnesota DNR, Brainard

c) Slot Size Limits

- 1) Savanne Lake Walleye Slot Size Limit
Peter Colby, Walleye Research Unit, Thunder Bay
- 2) Lac Seul Walleye Slot Size Limit
David Reid - Sioux Lookout District, Northwest Region
- 3) Detour Lake Walleye Slot Size
Charlie Hendry - Cochrane District, Northern Region
- 4) Northern Pike Slot - Size Limit
Dennis Schuppe - Minnesota DNR, Brainard Minnesota
- 5) Lake Trout Slot Size Limit
Frank Hicks - Algonquin FAU - Algonquin Region
- 6) Eastern Region Length Regulations
Eastern Region Representative

d) Minimum Size Limits

- 1) Brook Trout Minimum Size Limit
Norm Quinn - Whitney District, Algonquin Region
- 2) ROB SWAINSON BROOK TROUT IN LAKE NIPIGON ??????

e) Size Limit Selection Process

- 1) Evaluating Size Limit Regulations for Lac des Mille Lacs
Mike Fruetel, Quetico-Mille Lacs FAU, Northcentral Region
- 2) Evaluating Size Limits for Lake Ontario Using a Computer Model
Alister Mathers - Lake Ontario FAU

f) Alternate Species

- 1) Whitefish Angling Techniques - Eagle Lake
Marvin Wisneski - Stanleys West Arm Camp, Dryden Ontario
- 2) Promotion of Alternate Species to the Angling Public
Gordon Pyzer, Kenora District, Northwestern Region
- 3) Alternate Species Angling
Gord Ellis - Thunder Bay
- 4) Marketing of Underutilized Fish Species
Ed Mahoney, United States Department of Agriculture, Wisconsin

g) Angling Trends and Attitudes

- 1) Northwestern Region Angler Questionnaire
Bruce Ranta - Regional Office, Northwestern Region
- 2) Future Trends in Fisheries
Mike Furlong, Ministry of Tourism and Recreation, Dryden

**KEYNOTE SPEAKER: CHARLES ALEXANDER, President Ontario Federation of Anglers and Hunters,
Dryden : Fishing in the 1990's from the OFAH Perspective**

**TOUR OF THE EXPERIMENTAL LAKES AREA ON SEPTEMBER 12, 1990
KEN MILLS - DEPARTMENT OF FISHERIES AND OCEANS**

Treasurer's Report

The balance in the Chapters bank accounts as of July 1, 1990 is as follows:

\$1957.80 (Cheque)
\$452.26 (Savings)

There was \$1000.00 used as a deposit for the fall meeting

**MINUTES OF THE NORTHWESTERN ONTARIO CHAPTER OF THE AMERICAN
FISHERIES SOCIETY BUSINESS MEETING, MARCH 14, 1990, INTERNATIONAL
FALLS, MINNESOTA.**

1. **The meeting was called to order at 4:45 pm in the Bronko Nagurski Room at the Holiday Inn in International Falls, Minnesota. Those present included:**

Ed Iwachewski, Neville Ward, Jan McDonnell, Randy Wepruk, Terry Marshall, Pat Furlong, Patrick Morash, Dan Puddister, Jim Atkinson, Bob Hamilton, Darryl McLeod, Scott Lockhart, Norm Hissa, Susan Wilgress, Dave Reid, Tom Savioja, Brian Jackson, Val Macins, Kevin Roberts, Bruce Thacker, Nick Baccante, Kim Armstrong, Melody Kiss, Helen Ball, Rod Sein, Dave Penny, Barbara McMullen, Dana Kinsman, Alan Dextrase, Bev Ritchie, Mike Fruetel
2. **Approval of meeting agenda.** A motion was put forward to approve the meeting agenda by Bruce Thacker. The motion was seconded by Nick Baccante.
3. **Guests present at the meeting included Bill Franzen, Duncan Wain and Dick Remnant of The Freshwater Institute in Manitoba, and Lee Redmond, President of the Northwestern Division AFS.**
4. **Determination of quorum.** 29 people were present for quorum.
5. **Approval of Previous Minutes.** Motion put forth to approve the previous minutes of the Chapter without additions, deletions or alterations by Dave Reid, seconded by Randy Wepruk.
6. **Presidents Remarks.** Al Dextrase discussed the possibility of the next meeting for sometime in the fall. There was some discussion about the role of the AFS in Canada and about the possibility of an office in Ottawa to give Canadian members a voice.
7. **Resolutions.** Terry Marshall put forth two resolutions which came about from the Canadian Concerns Committee. The first resolution concerned changing the name of the AFS to reflect its international nature of the organization. There was some discussion regarding whether or not to include a suggested name with the resolution or to just suggest a name change. The second resolution suggested establishing a Canadian Office of the AFS. Both resolutions are included at the end of the minutes.
8. **Pearse Committee Report by Ed Iwachewski.** Dave Reid, Ed Iwachewski and Walter Momot formed a committee to review the report by Dr. P.H. Pearse. The report is entitled "Rising to the Challenge" and was written for the Canadian Wildlife Service. The report was reviewed on behalf of the chapter.

Basically, the committee agreed with the content of the report but had some specific comments with respect to some of the 62 recommendations outlined by Pearse. The committee felt that the report was too "broad brush" in nature and generalized the data too much.

A copy of the committee's report will be included in the next news letter. The committee feels that the review should be forwarded to DFO and OMNR for consideration after it has been approved by members of the chapter.
9. **Old Business.** The financial statement was read by Al Dextrase. A motion to accept the financial statement was put forward by Terry Marshall, and seconded by Bob Hamilton.

Bill Turner wanted a new member for the Streams and Rivers committee which has a vacant position after Jean Pessendorfer left. Terry Marshall suggested that Rob Kushneriuk of the Productivity Unit may be interested.

Action Item: Bev Ritchie to contact Rob Kushneriuk about this.

The resolution of Support from MNR (copy in last newsletter) is still being processed, requires signatures.

There was some discussion concerning chapter membership by people from Northern and Northeast Region. Chapter bylaws say that the chapter covers a 500 km radius. Would have to change bylaws to have members from N and NE. Concern that travel becomes prohibitive. Alternatives include Northern and Northeastern Region form their own chapter, however, this is against parent society bylaws allowing only 2 chapters per state or province.

Action Item : Kim Armstrong to look into interest in Northern Region in joining NWO chapter.

Wallop-Breau, Dingell Johnson Funding. Al Dextrase had some discussion with the Southern Ontario Chapter about fisheries managers obtaining funding from tax money spent on fishing tackle. Everyone agreed this was a good idea but that the time to approach the government about this was not right. Wait until there is a Canadian Office for the AFS to represent us.

The Shin-Ho pulp mill controversy. A letter was sent to the Minister of the Environment outlining the chapters feelings on the proposed location of a new pulp mill on the Kaministiquia River in Thunder Bay. At present, Shin Ho has found a new location for the mill.

10. Al Dextrase announced Bev Ritchie as the New President of the Chapter. Bev took over the meeting.
11. **New Business.** Bev discussed the need for a continuity plan for the Chapter. This would ensure that new members of the executive would have all the required paperwork at their disposal when they started and that each member had the same material to work with. The idea was that a binder be made up for each member of the executive.

Action Item: Bev Ritchie and Mike Fruetel will set up binders. Jan MacDonnell, Randy Wepruck and Susan Wilgress also volunteered to help.

Bev Ritchie also discussed the need for an operating plan to guide the direction of the chapter over the next few years. The plan would provide specific targets for chapter activities and accomplishments.

Action Item: A subcommittee consisting of Al Dextrase, Nevil Ward and Kim Armstrong was formed to take care of this.

Bev Ritchie brought up the old lecture series held at Lakehead University. There was general agreement that this was a worthwhile pursuit. Bev gave an example of a GIS workshop as a possible topic for an upcoming lecture series.

Action Item: Bev to pursue a new lecture series in Thunder Bay.

There will be a Federation of Ontario Naturalists conference at Lakehead University in June, 1990. Rod Sein will attend as an AFS representative for the chapter.

Concern was raised as to whether we could use an AFS membership as a tax deduction for professional dues. There was some discussion and a general concensus not to look further into the matter at this time.

A fund raising committee was struck which consisted of Mike Fruetel, Helen ball and Dana Kinsman. The committee will look into new ways of raising money for the chapter and find out how other chapters raise money.

Bev Ritchie made a motion to have the next chapter meeting in mid September in the Dryden area with a possible field trip to the ELA. The motion was seconded by Ed Iwachewski.

The North Shore Steelheaders Association (NSSA) requested that the Chapter address their concerns over fishing regulation changes in Wawa district. The regulations will restrict fishing opportunities. The basic suggestion by the NSSA was that the changes were proposed based on poor or no science and that little public input was received. (Ed Iwachewski informed the Chapter that the NSSA approached Thunder Bay District with proposals for regulation change regarding Thunder Bay area steelhead in 1988 and that this request was likely based on no science as well).

There was general agreement that the Chapter would have to hear both sides of the story prior to making a decision whether or not to support the NSSA. Al Dextrase forwarded a motion that the executive committee meet with Wawa District staff to get the whole story. The motion was seconded by Val Macins.

12. **Election of new executive.** The floor was opened to nominations for the 1990 executive by Bev Ritchie.

President Elect. Nick Baccante nominated Dave Reid, seconded by Helen ball. Dave Reid nominated Ed Iwachewski, seconded by Al Dextrase. Move to close nominations by Bev Ritchie, seconded by Mike Fruetel.

Dave and Ed left the room for a vote and Dave Reid was elected the new president elect.

Secretary Treasurer. Al Dextrase nominated Helen Ball seconded by Mike Fruetel. No one else was nominated so Helen became Secretary Treasurer.

News Letter Editor. Ed Iwachewski nominated Mike Fruetel, seconded by Al Dextrase. There were no other nominations so Mike became News Letter Editor.

Membership Chairman. Helen Ball nominated Al Dextrase, seconded by Barb McMullen. Jim Atkinson Nominated Kim Armstrong, seconded by Terry Marshall. Ed Iwacheski moved there be a co-chairmanship, seconded by Mike Fruetel. There was a vote with all in favour. Al Dextrase and Kim Armstrong were elected as Membership Co-chairman.

13. Al Dextrase moved to adjourn this meeting, seconded by Dave Penny.

NAME CHANGE FOR THE AMERICAN FISHERIES SOCIETY

Whereas, the American Fisheries Society has adopted (1938, last revised 1973) the North American Fisheries Policy to promote the scientific management of aquatic resources for the optimum use and enjoyment by the people of this continent; and

Whereas, the report of the Canadian Concerns Committee indicated that most Canadian members feel that AFS resolutions have little or no influence on government resource managers and public decision makers in Canada; and

Whereas, a recent survey indicated that more than seventy percent of Canadian members feel that the AFS should change its name to more accurately reflect its goals; and

Whereas, a recent survey indicated that more than seventy percent of Canadian members feel that the AFS should change its name to the North American Fisheries Society; and

Whereas, Dr. R.G. White in his President's Address at the 119th Annual Meeting of the American Fisheries Society, 6 September 1989 in Anchorage, Alaska, recommended that the AFS should change its name to the North American Fisheries Society to make the society more effective in influencing better fisheries conservation and management in Canada;

Now, therefore be it resolved, the Northwestern Ontario Chapter of the American Fisheries Society, assembled at its Annual General meeting, 14 March 1990 in International Falls, Minnesota, advocates a change in the name of the society such as to better reflect the international status of the society's membership and respectfully urges the Executive Committees of the Northcentral Division of the American Fisheries Society and the Parent Society to support this resolution.

ESTABLISHMENT OF A CANADIAN OFFICE OF THE AFS

Whereas, the American Fisheries Society has adopted (1938, last revised 1973) the North American Fisheries Policy to promote the scientific management of aquatic resources for the optimum use and enjoyment by the people of this continent; and

Whereas, the report of the Canadian Concerns Committee indicated that most Canadian members feel that AFS resolutions have little or no influence on government resource managers and public decision makers in Canada; and

Whereas, there are significant differences in public policy processes between Canada and the United States; and

Whereas, a comprehensive understanding of Canadian public policy processes and a dominant public profile are necessary prerequisites for influencing Canadian government resource managers and public decision-makers; and

Whereas, Dr. R.G. White in his President's Address at the 119th Annual Meeting of the American Fisheries Society, 6 September 1989 in Anchorage Alaska, recommended that the costs, benefits and alternatives for staffing such an office be examined;

Now, therefore be it resolved, the Northwestern Ontario Chapter of the American Fisheries Society assembled at its Annual General Meeting, 14 March 1990 in International Falls, Minnesota, advocates the establishment of a Canadian Office of the AFS, complete with an Associate Executive Director, and respectfully urges the Executive Committees of the North Central Division of the American Fisheries Society and the Parent Society to examine the benefits and costs of a Canadian Office of the AFS and to support this resolution.

The $\frac{A}{S}$ F Diary

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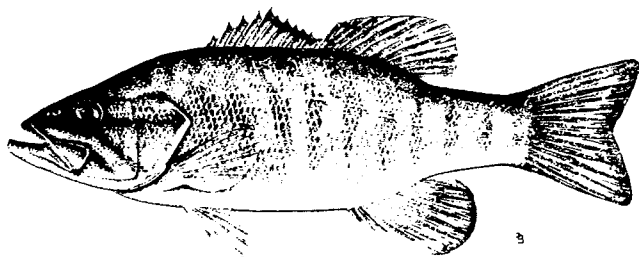
VOL 16

A WEEKLY REPORT TO THE EXECUTIVE COMMITTEE
FROM THE OFFICE OF THE DIRECTOR

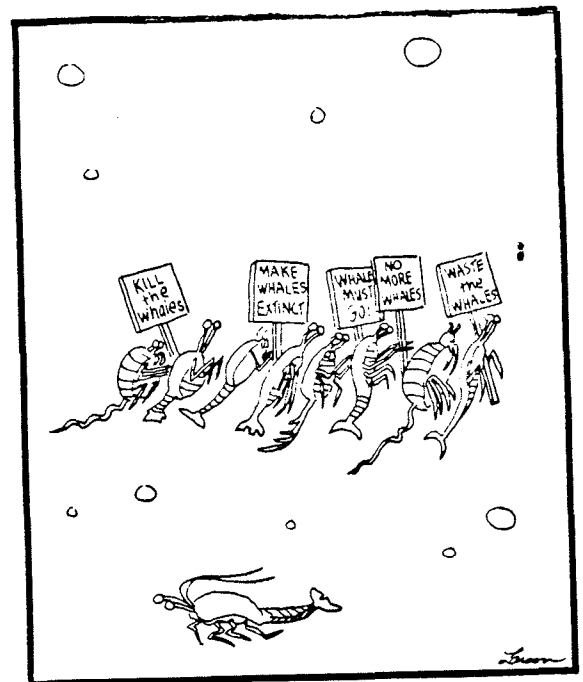
The Creel and Angler Survey Symposium, sponsored by AFS and the U.S. Fish and Wildlife Service, attracted 270 registrants to Houston during March 26-31. The Program Committee, chaired by Bob Ditton, organized a diverse array of 70 papers on the design, execution, and analysis of surveys for all aspects of fisheries management. Mac McCune and Nick Parker took care of the arrangements and entertainment, which featured Mexican and seafood dinners, a rodeo, and memorable bus rides. Administrators, biologists, sociologists, statisticians, and economists interacted intensely during the 4.5 days of formal and informal sessions, and all comments about the conference were enthusiastically favorable. Authors presently are revising their peer-reviewed manuscripts, which will be edited for publication by Dan Guthrie of the AFS editorial staff. The conference proceedings should be available early next year.

"Writing for Fishery Journals" is nearing the final stages of production and will be available mid-June. This is a compilation of papers that were presented in a symposium at the 1988 AFS annual meeting in Toronto. Chapters discuss use of the English language in scientific writing, use of style, how to design effective graphs and tables, problems with gray literature, problems with statistical presentations, and much more. This book will be a must for all students and professionals who submit their research to fishery journals.

Request for Proposal. The Montana Department of Fish, Wildlife & Parks, in cooperation with other resource management agencies, is requesting project proposals for a comprehensive literature review and environmental assessment of the effects of potential introductions of smallmouth bass in waters west of the continental divide in Montana. Contact Howard Johnson (406) 444-5686, Fish Management Bureau Chief, for further information.



The Board of Directors of the Ontario Fish Producers' Association formally endorsed AFS's resolution concerning discharge of ballast water from ocean-going vessels in the Great Lakes and other North American waters. The Association represents the Great Lakes commercial fishery which supports 4,500 jobs in Ontario and \$150 million in annual sales.



The plankton lobby

Fisheries data analysis software is available with comprehensive documentation from the AFS Computer User Section. It includes graphics for length-frequency, WR, length-age frequency, and back calculation--Cost \$25.00. Ask for Fishery Analysis Tools Fish Calc 89- Dis B Cal 89. Contact Steve Atran, FL Marine Fish Comm., 2540 Executive Center Circle W., Suite 1006, Tallahassee, FL 32301.

A Selected Bibliography of Competitive Fishing Literature is now available. A suppl was sent to AFS by the Fisheries Administrators Fisheries Management Section's joint Competitive Fishing Committee chair Hal Schramm. The bibliography includes technical and popular article references. To receive single copies of this 21-page bibliography, send a stamped (.85 cent) self-addressed 9x12 inch envelope to Joe Creitz at the AFS office.



NEWSLETTER

Fisheries Management Section
American Fisheries Society

Jim Addis, President

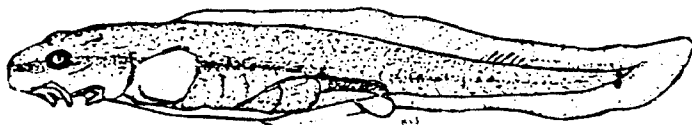
NOTES, QUOTES ETC.

The Missouri Department of Conservation Announces:

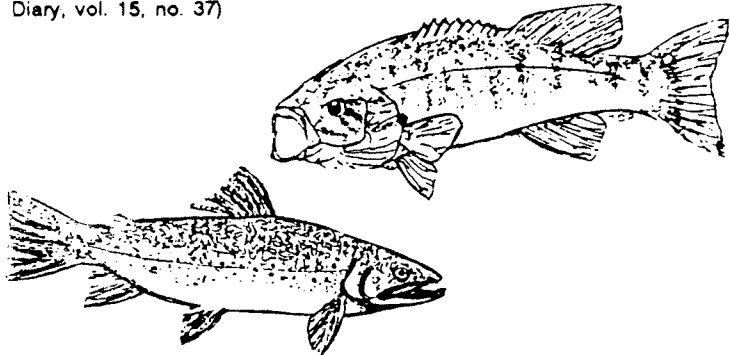
FISHERY ANALYSIS TOOLS FISHCALC89 - DISBCAL89

Software with comprehensive documentation for fisheries data analysis, including graphics for length frequency, WR, length-age frequency, and backcalculation. Distributed by the American Fisheries Society, Computer Users Section. Send \$25.00 per copy in check or money order to: Steven Artam, Florida Marine Fish Commission, 2540 Executive Center Circle West, Suite 106, Tallahassee, FL 32301.

A **WORKSHOP on NORTH AMERICAN LAKE STURGEON** was held in Milwaukee, Wisconsin on 4-7 February, 1990. This workshop was jointly sponsored by: University of Wisconsin Sea Grant Institute; John G. Shedd Aquarium, Chicago, Illinois; and Sturgeon for Tomorrow, Wisconsin. The workshop addressed: Historic and current distributions of lake sturgeon; sturgeon life history (early life, sub-adult and adult); sturgeon aquaculture; rehabilitation techniques/efforts; population dynamics; taxonomy and genetics; research equipment and methodology; and sturgeon fishery management. A special highlight was an afternoon/evening tour and reception at the John G. Shedd Aquarium. For information on the availability of abstracts or proceedings, write Thomas F. Thuemler, Wisconsin Department of Natural Resources, P.O. Box 16, Industrial Parkway, Marinette, WI 54143 or call Tom at 715-732-0101.



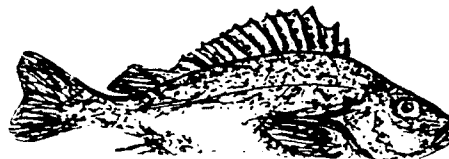
'Black bass - salmonid interactions information is being sought by Bill Bengeyfield, Global Fisheries Consultant, Ltd., 13069 Maine Drive, White Rock, BC Canada V4A 1E5, telephone (604) 531-9769. The information will be used by the British Columbia Ministry of Environment to assess the desirability of introducing smallmouth or largemouth bass in selected waters of the Lower Mainland for sportfishing. Findings of the literature search will be shared with any interested persons.' (The AFS Diary, vol. 15, no. 37)



Unwelcome Aquatic Immigrants

Two years ago the ruffe, a small perch-like fish, was identified by biologists at the Wisconsin DNR in Saint Louis Bay. The introduction is believed to have been caused by ballast water discharge of a European vessel. Experts fear that the ruffe will spread throughout the Great Lakes and disrupt native fish populations.

The zebra mussel was first spotted in Lake St. Clair in 1988, it is multiplying rapidly in Lake Erie - and expected to soon become established in Lake Ontario. Concentrations of 30,000 mussels per square meter have been reported. This organism clogs industrial water intake pipes and is expected to be detrimental to the area's fisheries. The Great Lakes Fishery Commission states that pumps are already breaking and that maintenance and repairs costs will be hundreds of millions of dollars. For details call, (614) 265-6300.



Catch and Release Walleyes

The live release of fish taken in bass fishing tournaments brought about monumental changes in competitive fishing programs and eliminated most of the criticism that had been leveled at the practice. It was a wise and prudent move in terms of environmental impact and it overcame public relation problems which threatened the future of the tournament concept. An unanticipated by-product of live release has been the wave of support for catch and release angling at all times. This is primarily a fishermen-led phenomenon which makes an enormously important contribution to the future of fishing. In north central U.S. and Canadian "walleye country" sponsors of mushrooming walleye fish have profited from BASS angler experiences and are championing live release policies. To measure the effectiveness of such releases, angling tournament officials are working with the Minnesota DNR to measure short and long-term survival. There are some favorable and interesting results which merit the attention of all fisheries managers and anglers. For details we suggest contacting the Minnesota Department of Natural Resources, 500 Lafayette Rd., St. Paul, MN 55155, Attention Richard Hassinger, Fish Chief. Note: Readers with an interest in learning more about walleye tournament rules and regulations should request copies from the In-Fisherman, Walleye In-Sider, P.O. Box 994, Brainerd, MN 56401 and send along a stamped, self-addressed envelope.

Gratis Aquaculture Bibliographies

Bibliographies of aquaculture development, disease control, farming, culture, water management, and related topics are available from National Aquaculture Library, Aquaculture Information Center, Room 304, Beltsville, Maryland 20705.

ANNOUNCEMENT
AND
CALL FOR PAPERS

**Warmwater Fisheries
Symposium I**



June 4-8, 1991

Phoenix, Arizona

To promote communication and interaction among scientists, managers, educators, and anglers concerning warmwater fisheries and fishing opportunities in the western states.

Warmwater Fisheries Symposium I
Wildlife and Fisheries Management
USDA-Forest Service
517 Gold Avenue S.W.
Albuquerque, New Mexico 87102

Main Themes/Sub-Topics

Plenary Session

What is our emphasis going into the 21st Century—Is what you have, what you get?
Does warmwater fisheries management in the West pay?

Technical Session

The how to's of warmwater fish management.

Habitat Section

Artificial structures—Where they work and how to build them.
Reservoir fertilization—Obtaining a balance between starvation and eutrophication.
Aqueducts and other non-traditional fishing holes—The old fishing hole ain't what it use to be.
Water level management and warmwater fisheries—Cool management for more fish.
Reservoir fluctuation zone management—The world of mud and flood.
Chemicals, pesticides, and fertilizers—Are fortified fish good for us?
Warmwater streams — A strong current for quality management.

Fish Section

Providing fish for the non-human angler—It is not a fly-by-night operation.
Non-native predator fish stocking and introductions—An appletart upturned.
Importance of hatcheries in providing fish—The cat is in the bag.
Harvest regulations, including catch-and-release, slot limits, and no limits—One is not enough.
Hooking mortality—Are we kidding ourselves?
Modeling—How to tell where you are going from where you have been.
Forage fish management impacts on recruitment—Even fish respond to a proper diet.
Genetic diversity—A Florida bass here, a northern bass there; pretty soon it adds up to real questions!
Hybrids—A panacea or threat for the 21st Century?

**Management Opportunities and
Challenges—Keys to Better Service**

Future for programs such as Wallop-Breaux, Sikes, Dingel-Johnston, SLIP, etc.—Is it full-speed-ahead?
Meeting the challenge for fishing recreation in the 21st Century—Should everyone row in the same direction?
Role of user groups in management—The real power brokers!
Meeting warmwater fishing demands—Telling it to the tribes, states, feds., research, and private entities.
Role of recreation managers in fisheries management—An active or a passive role?
Research and the fisheries formula—Is the cart before the horse?

THE SAGA OF Y2489

Fisheries people get quite excited whenever a tagged fish is reported caught far from its release site. A lot of valuable information can be learned about the fish's behaviour, movements and range. But did you ever wonder what goes through the mind of a fish when we catch, tag, hold and transport it to a strange body of water? Wonder no more! Here's a descriptive account by a walleye caught and tagged in Savanne Lake, transported to Tease Lake, and recaptured in Sturge Lake:

One day, many moons ago, I was swimming along, minding my own business in Savanne Lake. Quite unexpectedly, before I realized it, I found myself trapped in a strange enclosure. I wasn't alone. A lot of my drinking buddies, relatives, spawning partners and numerous shady characters were there.

The next morning we were unceremoniously yanked out of this strange enclosure by a huge, claw-like clamp. At first I thought it was a giant crayfish God seeking revenge! Next thing I know I'm in a very cramped, hot space with a very bright light (this must be hell). Then, the claw-like clamp grabbed me, slapped me on a wooden board and held me there for a few minutes. This demon then tried to hang me by the gills, so I flared up and stuck him good. Boy, did it get even, it stuck me right back. I now understood, I had been marked and I was going to prison (I should never have murdered and eaten all those poor, innocent little fish).

We were then shaken up, and brutally beaten, but not interrogated. They must have thought we were pretty tough characters. We were then stuck in a big holding cell (this must be an open concept prison). There we stayed for 4 days and 5 nights (if I recall the number of notches on

the cell walls), with no food but lots of water.

At this time we were subjected to more torture. A small trap picked us up and dumped us in a strange container, in which we were again brutally beaten. This lasted a few hours, but seemed a lifetime (it sure added a few annuli on my scales!). Finally, after this long, brutal treatment, another small trap picked us up and this time we were dumped in a lake, far from Savanne.

FREEDOM!

We quickly swam for our lives, fearfully looking over our fins for signs of pursuit. SURPRISE! There was none. So we went merrily on our way doing the things we like best: eating innocent little fish and spawning once a year.

This went on for many moons until one day I got bored and decided to explore this strange and exciting new waterbody. I HAD A MISSION !! To boldly go where no Savanne Lake walleye has gone before. We formed a group and set out on our mission. Unfortunately, we ran out of food and a mutiny broke out amongst the crew members. I was expelled from the group and quickly became starved and weary from the journey.

Quite unexpectantly, I saw something shiny in the water and I lunged towards it and grabbed it hook, line, and sinker (literally). As I was being dragged to the surface of the water, I thought about the many happy years I spent at Savanne Lake, and wished how I could still be there.

KR/DB