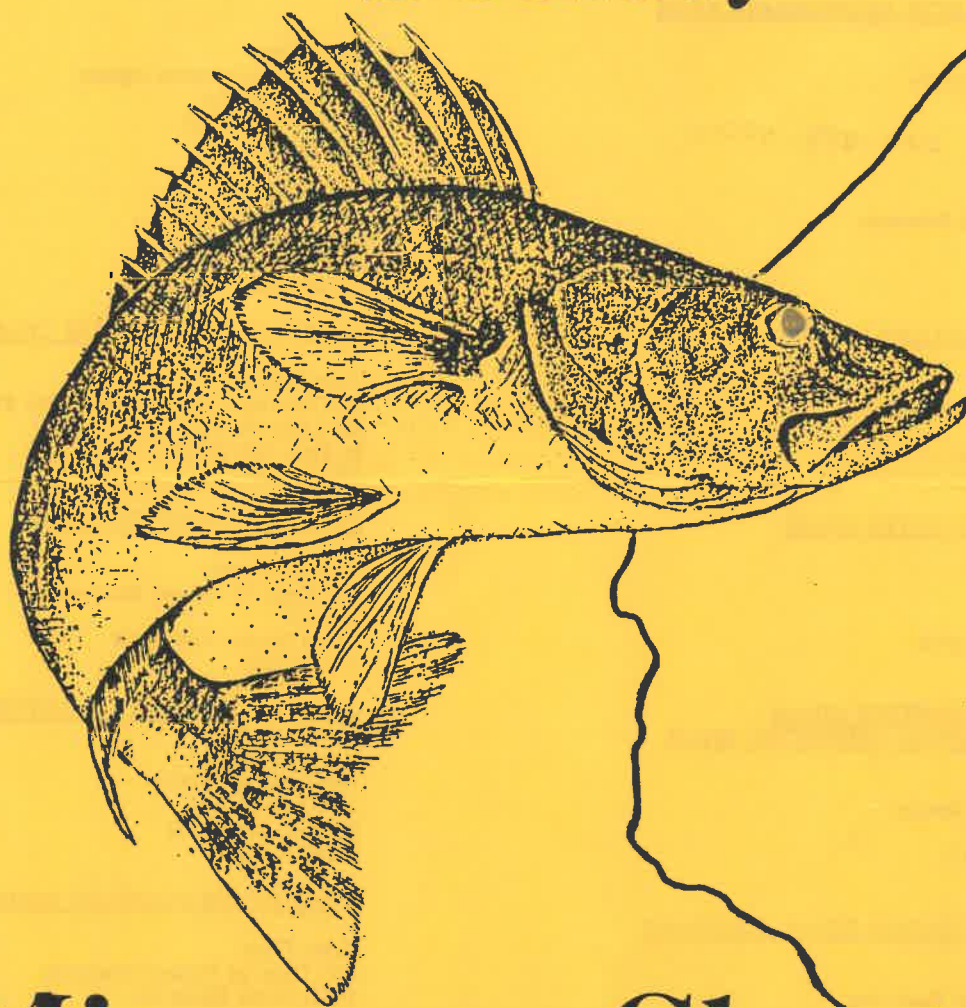


**American Fisheries
Society**



Minnesota Chapter

JUNE 1990

**A
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F**

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Minnesota Chapter American Fisheries Society

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Unless otherwise stated, the opinions expressed within this newsletter are those of the author(s), not official policy of the Minnesota Chapter of the American Fisheries Society. Material submitted for inclusion in the newsletter is subject to editing at the discretion of the editor.

1990 MIDWEST FISH AND WILDLIFE CONFERENCE

The 52nd 1990 Midwest Fish and Wildlife Conference will be held December 2 through 5, 1990 at the Hyatt Regency Hotel in Minneapolis. This meeting occurs in the Minneapolis-St. Paul area approximately once every 10 years. This year, members of the Minnesota Chapter have the opportunity to participate in the North Central Division meeting without incurring excessive travel expenses.

I think that we have the opportunity to do more than just attend. We can take part in the effort needed to make the sessions run smoothly. There will be 16 fisheries related sessions during the meeting. Each session will require two people in addition to the moderator: one to handle audio visual equipment and one to handle the door and paper title postings. There will be other jobs that will require volunteers as well. None of these jobs offer glory but they do offer satisfaction in knowing that you helped pull off a successful Division meeting. I am asking each Chapter member to help by offering to donate four hours of your time during the meeting. Call me at (612) 296-1651. I will coordinate assignments with the Steering Committee.

REPORT ON 1990 MINNESOTA CHAPTER MEETING

The twenty third meeting of the Minnesota Chapter was held in International Falls, March 14-15, 1990, as a joint meeting with the Northwestern Ontario Chapter. One hundred and fifty five people registered for the meeting; of these, 118 were from Minnesota and 37 from the Northwestern Ontario Chapter. Lee Redmond from Missouri attended the meeting as the North Central Division President. Weather related travel delays forced us to drop two of the key speakers from the program. The resultant chaos was under control by the afternoon of the first day.

Darryl Bathel presided over the annual business meeting and passed the gavel "Esox" to Greg Busacker. Jeff Gunderson was elected as President-Elect. We had a successful banquet and the program ran smoothly the second day. The meeting ended at 4:00 PM. Twenty five papers and two posters were presented over the two day period.

Our total costs for the meeting were \$2815.43. The costs were apportioned between Minnesota and N.W. Ontario with the Minnesota Chapter costs being \$2,058.98 and N.W. Ontario being \$756.45. A bill has been sent to the N.W. Ontario Chapter for this amount in U.S. dollars. Our income was \$2715.22. Subtracting our costs, we made \$656.24 which is \$66.00 in excess of our Dues collections at the meeting. Monies allocated to the meeting from the treasury were not used (\$400.00 for speakers, \$500 for general expenses). A spread sheet covering the meeting finances is attached.

Greg Busacker

**CALL FOR NOMINATIONS FOR THE
AWARD OF EXCELLENCE**

It is time to consider nominations for the Award of Excellence. This is a formal award presented at the annual meeting in recognition of either long-term excellence in the fisheries profession or outstanding performance in an activity that furthers the goals of the Minnesota AFS Chapter. We hope that some of you would like to be involved in recognizing a colleague for hard work and dedication to our profession and our resources.

The award may be presented to any individual, regardless of membership in the American Fisheries Society.

To date, I have received one nomination for the award.

A nomination form is on the facing page.

Nominations should include:

1. Name, address, and phone number of person making nomination.
2. Name, address, and phone number of the nominee.
3. Nomination statement: a typed statement explaining why this individual is deserving of the award. Please briefly explain the significant contribution or career accomplishments that distinguish the nominee.
4. Supporting documentation may be included.
5. List the name and phone number of two other people who are familiar with the nominee's accomplishments.

Nominations are due **15 August 1990**, and should be sent to:

Gary Siesennop
S.R. 3, Box 340
Grand Marais, MN 55604

Nominations will be presented to the EXCOM for a vote on whether or not to present the award.

**MINNESOTA CHAPTER AFS
AWARD OF EXCELLENCE NOMINATION FORM**

NOMINEE: _____

ADDRESS: _____

WORK AFFILIATION: _____

NOMINATION DATE: _____

NOMINATION STATEMENT: (supporting documentation may be included)

PERSON(S) MAKING NOMINATION: _____

ADDRESS: _____

PHONE: _____

List the name, title, address, and phone number of two other people who are familiar with the nominee's accomplishments.

1.

2.

AFS Continuing Education Workshop Ballot

The following topics have been suggested for future AFS continuing education workshops. Please pick the three topics you most like to attend.

Larval Fish

- Otolith markind; aging, & clearing techniques
- Larval fish ecology & sampling techniques

Communications

- Public speaking
- Technical writing
- Visual aid construction
- Conducting an effective meeting
- Media interviews & news releases

Streams

- Instream flow courses (IFIM)
- Habitat improvement workshop

Statistics

- Non-parametrics
- Multiple regression
- Discriminant function analysis
- Overview of methods for biologists
- Multivariate analysis
- Sampling designs

Computers

- Hands on demonstration with a real data set
- Specific software demonstrations, if so which program? _____

Miscellaneous topics

- Environmental fish physiology, i.e. temperature effects
- Computing fish population dynamics, i.e. mortality rates, population estimates, etc.
- Biosonics hydroacoustics
- Scientific photography - underwater, video's, microscopic, etc.
- Low altitude computer enhanced video imaging

Other topics? _____

Please respond by 20 July 1990 to:

Steve Boe or Mark Cook
Area Fisheries Headquarters
2114 Bemidji Ave
Bemidji MN 56601

COSTS, 1990 MNAFS and N.W. Ontario AFS Meeting

Attendance: 150 (113 MN and 37 Ontario) on Wednesday
 155 (118 MN and 37 Ontario) on Thursday

TOTAL COSTS

Facilities: Room Charges	\$25.00
Breaks: Coffee with roll (\$2.50 /person)	\$834.91
Pop (\$1.10 /person)	\$350.85
Social: Beer	\$94.80
Pretzels	\$27.16
Clean-up	\$35.00
 Banquet: 130 plates @8.95 + 15% gratuity	\$1,338.03
(88 MN, 37 Ontario, 5 complimentary)	
 Lee Redmond, room and board:	\$109.68

	\$2,815.43

APPORTIONED EXPENSES

Facilities + Social + Redmond	Minnesota	Ontario
[113 MN (75.3%) 37 Ontario (24.7%)]	\$219.60	\$72.04
Breaks - Wednesday		
[113 MN (75.3%) 37 Ontario (24.7%)]	\$466.94	\$153.17
Breaks - Thursday		
[118 MN (76.1%) 37 Ontario (23.9%)]	\$430.46	\$135.19
Banquet		
[88 MN (70.4%) 37 Ontario (29.6%)]	\$941.97	\$396.06
	-----	-----
	\$2,058.98	\$756.45

INCOME

Banquet (125 x \$12.00) x 70.4%	\$1,056.00
Registration (118 x \$3.00)	\$354.00
Dues (118 x \$3.00)	\$590.00
Auction & Raffle + Misc.	\$715.22

	\$2,715.22

Income minus expenses	\$2715.22 - \$2058.98 = \$656.24

RIVERS AND STREAMS COMMITTEE

The Minnesota Chapter Rivers and Streams Committee had a good first meeting at the International Falls Annual Meeting. Sub-committee chairs are now actively pursuing their respective tasks. I will be contacting committee members about a possible late summer meeting. Bill Thorn and Henry Drewes attended the North Central Division Committee meeting, and their report follows.

Ray Newman.

The Rivers and Streams Technical Committee of the North Central Division of the American Fisheries Society held its spring 1990 meeting, April 2-3 at Moline, Illinois. Henry Drewes and Bill Thorn represented the Minnesota chapter. The meeting consisted of mostly technical reports with and ended with a short business meeting. Supper on April 2 was provided by several conservation clubs in the Quad Cities area. Henry can provide more on the evening festivities.

Technical Reports were:

Efficiencies of gears commonly used to sample fish in streams-Peter Bayley, Illinois Natural History Survey.

Relationship between flow stability and stream fish communities-Paul Seelbach, Michigan DNR.

Relationships between land use and fish assemblages in Illinois streams-Lew Osborne, Illinois Natural History Survey.

The role of riparian vegetation and land use in stream management-Don Roseboom, Illinois State Water Survey.

Ohio's efforts to set environmental standards for streams and rivers using fish community data-Roger Thoma, Ohio EPA.

The US EPA's Rapid Bioassessment protocols for evaluating fish and fish habitat in streams-Tom Simon, US EPA.

Catfish size distributions in relation to harvest levels in the Illinois River-Dan Sallee, Illinois Dept. of Cons.

Administrative matters:

The two symposia sponsored by the Rivers and Streams Committee for the 1990 Midwest Fish and Wildlife

Conference were discussed.

Abstracts for the Spatial and Temporal Variation are due July 10 to Ray Newman or Lew Osborne and for Stream Habitat Restoration to Randy Sauer. A ballot decided not to charge for a "publication summary" for the Symposia.

Members submitted ideas for a list for future Workshops, Seminars, and/or Symposia.

A decision on a Fluvial Geomorphology workshop will be made after the 1990 Midwest by Chapter representatives.

Gary Whalen of Mich DNR will chair a Small Scale Hydro Symposium for the 1991 Midwest with Dan Sallee of Illinois.

The Rivers and Streams Section endorses and supports the Illinois Continuing Education Urban River Management Workshop under the direction of Don Roseboom.

Henry Drewes of Minnesota volunteered to investigate the feasibility of a riverine catfish symposium for 1992 and will report at the December 1990 meeting.

Peter Bayley also will report at the December meeting the possibility of a data management/GIS workshop.

Bill Swenson of UW-Superior will develop a proposal for public relations/use of media workshop.

Roger Tomah will pursue the federal initiative for large river research, and will develop a bibliography on the agricultural impacts on streams.

Roger and Lew Osborne will prepare comments for committee review on the 1994 farm bill.

The 1991 summer meeting will again be held the first week of April (Tues-Wed) in Moline, Ill.

New officers are: President: Paul Seelbach (Michigan); President-elect: Bill Bertrand (Illinois); Treasurer: Gary Whalen (Michigan); Secretary: Henry Drewes (Minnesota).

PEOPLE, PLACES, AND THINGS

BEST WISHES DON

Don Woods, Chapter President in 1976-1977, has retired from his career in DNR fisheries. With all he has given the resources of Minnesota, he deserves the time to exert a bit more angling effort in his new found free time.

GETTING THE MESSAGE OUT

Howard McCormick asked me to publish a public pat on the back to those involved with two press releases picked up by the Outdoor News May 4 issue. Jim Reil, I & E in Bemidji, told me that Chapter member was instrumental in providing info for an article on how research, planning and special regulations bode well for fishing's future. The second article, on catch and release and fishing ethics, can be credited to Chapter member Tim Goeman. Howard felt these articles were an excellent way to get the right information to the people who need to hear it.

BEST PAPER AWARD

There were many excellent papers presented at our joint meeting with the Northwest Ontario AFS Chapter. Howard McCormick was presented with a plaque recognizing the paper "Over-wintering, key to the first year largemouth bass recruitment in acidified northern waters", which he presented and co-authored with K.M. Jensen, W.A. Swenson, T. Simonson, and R.L. Leino.

THANKS TO BEST PAPER AWARD RATERS

Gary Siesennop would like to express his thanks to "recruited volunteers" Steve Boe (MN DNR, Bemidji) and Peter Sorenson (U of MN, St. Paul) for faithfully listening to all papers presented at the annual meeting at International Falls in March and helping to judge and select the winner of the Best Paper Award. Gary also thanks Awards Committee members Steve Colvin (MN DNR, St. Paul) and Ken Mueller (NSP, Red Wing) for their cooperation and judging efforts.

RATERS NEEDED FOR NEXT MEETING

Gary encourages Chapter members who will be attending the next meeting to volunteer and participate in the in the Best Paper rating and

selection process. Give Gary a call and volunteer your help if you would like to have some direct input in the Awards Committee. Last year's raters are welcome to volunteer again, but new raters are encouraged to become involved in this aspect of our Chapter meeting.

COMMENTS ON DNR LONG RANGE PLAN

The Chapter Executive Committee solicited the input of 13 members for comments on the DNR Division of Fish and Wildlife "Long Range Plan for Fisheries Management." The insightful review from these members was forwarded to the DNR for consideration. Copies of this review can be obtained by writing or calling me at the address on the back of our cover page.

SALARY SURVEY

A salary survey in fish and wildlife management fields is available from the National Wildlife Federation. The booklet lists salary ranges for professionals employed by Federal and State governments and educational institutions. Info is compared to salaries for professionals with similar backgrounds and responsibilities in other fields. For a copy: send \$15.50 to NWF, 1400 16th St. NW, Washington, DC 20036-2266.

CREEL SYMPOSIUM

The creel and angler survey symposium, sponsored by AFS and the US Fish and Wildlife Service had 270 registrants in Houston in March. MN Chapter attendees included Tim Schlagenhaft, Steve Morse, Andy Bindman, and myself. We heard presentations on design, execution, and analysis of surveys covering all aspects of fisheries management. Sociologists, economists, and statisticians joined biologists at the conference. We also were driven around the Texas countryside as bus drivers tried nearly in vain to deposit us at social functions. The proceedings should be quite useful, and will be available from AFS early next year.

FISH PHYS, TOXICOLOGY, WATER QUALITY

A symposium on "Fish Physiology, Toxicology, and Water Quality Management" will be held 18-20 Sept

1990, in Sacramento, CA. Topics include physiological effects of pollutants, uptake and duration of toxicants, and water quality management. Contact Dr. David Randall, Zoology Dept., Univ. of British Columbia, 6270 University Blvd., Vancouver, BC, V6T 2A9.

MEMBERS MOVING AROUND

Several Chapter members have relocated around the state. Dave Zappetillo has gone from Area Supervisor in Ortonville to the same job in the newly created West Metro area. Taylor Polomis has followed suit and rejoined Dave at West Metro. Doug Kingsley moves from International Falls to fill Dave's old job. Chris Kavanaugh has moved to New Ulm to be Project Coordinator for Region 4. All these folks, plus any other members who have moved, should remember to fill out the change of address/membership form found on the back cover. If you did not attend the I. Falls meeting, remember to include your \$5.00 membership dues to remain on the mailing list. By the way, congrats to Farrell Bandow. I know you'll enjoy being acting Area Supervisor in Waterville.

FISHERY ANALYSIS WITH MICROCOMPUTERS A CONTINUING EDUCATION COURSE SPONSORED BY THE CONTINUING EDUCATION COMMITTEE OF THE NORTH CENTRAL DIVISION OF THE AFS.

SAT AND SUN DECEMBER 1 - 2, IN
CONJUNCTION WITH THE 52ND MIDWEST
FISH AND WILDLIFE CONFERENCE

This course is designed to teach fishery managers, administrators, and educators how to use the microcomputer more effectively in their handling and analysis of data, development of graphical displays and reports. The course is oriented towards fishery managers who have computers and feel they are not using them effectively and educators who wish to update their fishery course to include computer applications. Each participant will analyze the same raw data set on stocks of fish and the humans who exploit them. The microcomputer will be used to process raw data into meaningful summaries in a typed report with graphics. Software used will include dBase III+, Statistix, Lotus 123, WordPerfect, and DisBCal. Anyone interested or for further info, please call or write the arrangements chair, me, Brad Parsons, at the address on the back side of the front cover.

COLLECTING PERMITS CORRESPONDENCE

From Dan Helwig, EXCOM Member-at-Large

Michael Vanderford, past chair of the Issues Committee, has written to the Minnesota Department of Natural Resources (MDNR) concerning fish collection permits (letter and response follows). This was done in concern that all Minnesota fisheries biologists did not have equal access to the fisheries and therefore imposes restrictions on their work.

The MN AFS EXCOM shares the MDNR concerns about the potential misuse of fish collection permits and unnecessarily wasting the resource when fish collection is needed for several purposes within a waterway. It is apparent from their letter that they are working hard to fairly assess and accommodate the needs of other organizations. The MN AFS is planning to conduct a survey of current and potential fish collectors to determine their fish collection needs and concerns. It is hoped that the information from this survey will help DNR managers address the special fish collection needs of Minnesota fisheries biologists.

REPORT ON THE MID-YEAR PARENT SOCIETY EXCOM MEETING

Greg Busacker attended the Mid-Year Excom Meeting in Baton Rouge Louisiana from March 22 through March 25. The meeting was broken into three phases: 1) an orientation session for new members of the committee; 2) A one day retreat to define issues to examine in detail; and 3) A two day meeting of the Executive Committee to cover Society Business.

PHASE 1

This session dealt with the mechanisms of conducting Society business. A great deal of emphasis was given to techniques for working with volunteers (as we all are).

The recommendation for referring to the "Parent Society/AFS etc." is to use "Society." This avoids irritating international members.

The subunits need to talk about what they want to be. Visions change as people flow through the ranks. It is appropriate to ask, "Why are we here now?" not just to exist. Long range planning and a procedural manual will help without restricting the power to act and function. A yearly review of these documents is needed for the membership to buy in and have a sense of ownership.

One of the best ways to gain stature with the political process is to offer unbiased information or offer it in a value neutral way. We can take a position but we will gain credibility by avoiding emotional stances.

Chapters should support some expenses of committees from the Chapter budget.

PHASE 2

The retreat was a facilitated session to define issues. The major ones were:

External Relations: With the community of other science societies and with the general public and politicians. A Liaison Committee will address this in Pittsburgh and the Society is considering the development of an External Affairs Office.

Animal Rights: Members felt that this issue should be defined in North America with reference to fish. A draft position statement for AFS on fish rights should be developed and published for comment. Also, suggested the organization of a symposium to address this issue at the 1991 Annual Meeting. Stressed that welfare is different from rights.

Internal Relations: The major areas needing attention here are: 1) involving students in Chapter affairs; 2) enlisting new members by being aware of potential members within your organization outside of your professional interests (fellow anglers for example); and 3) retaining existing members by better and more timely communications. Also, stress that AFS is representing them in a way that will impact their carriers and aquatic resources. They can watch or they can participate.

Politics: Recognize the geographical spread of issues and expertise. A task force should develop a work book on how to be politically active. This area would be have oversight from the 5th Vice President of the Society to define responsibilities, procedures, and accountability. Mid-year reports to the EXCOM would occur.

PHASE 3

The highlights of the Excom meeting are covered in the March 30 AFS Diary.

The overall Society budget was decreased from 1989. The Society's reserve fund is nearly exhausted. Ways to rebuild the fund will be examined at the annual meeting.

Dues, professional certification charges, page charges, and journal subscription costs will increase.

A "Gray Literature" operational policy is to be adopted. Any subunit publication that receives outside distribution such as a newsletter is to carry a disclaimer regarding the validity of its content.

**MINUTES OF THE 23RD ANNUAL MEETING
MINNESOTA CHAPTER, AMERICAN FISHERIES SOCIETY
INTERNATIONAL FALLS, MINNESOTA, 14 MARCH 1990**

The meeting was called to order at 1645 by president Darryl Bathel. Darryl introduced Lee Redmond (NCD president) and other chapter officers and committee chairmen. Darryl read a letter from Joe Dillard (national AFS president) that invited our members to attend the next national meeting in Pittsburgh, indicated that candidates for Carl Sullivan's position were being sought, and introduced his theme of "communications" for the year.

Minutes from the 1989 meeting in New Ulm were highlighted and approved and the treasurer's report read and accepted.

COMMITTEE REPORTS

Issues

A letter was drafted to the Director of the Division of Fish and Wildlife that critically reviewed the DNR Long Range Plans for Fisheries Management. The letter was a summary of comments solicited from chapter members with the comments being consolidated by Michael Vanderford.

The chapter received a letter from the U.S. Department of Interior describing the current status of ballast water restrictions for vessels entering the St. Lawrence seaway. Evaluation of voluntary compliance shows that voluntary measures will not prevent introductions of exotic organisms. Senator Glenn of Ohio is drafting legislation to regulate ballast water exchange. There has also been concern expressed about the potential transport of zebra mussels inland.

Resolutions

Two new resolutions concerning review processes for special regulations were submitted prior to the annual meeting by Tim Goeman and Greg Busacker. The authors consolidated their resolutions into one resolution with a friendly amendment. Jack Wingate notified

the chapter that the Section of Fisheries had just adopted a policy for reviewing special regulations that addressed all issues in the resolutions. The composition of a committee to review special regulations was called into question and Dick Hassinger explained

that the purpose of the committee was to provide an internal mechanism for evaluating special regulations and that the DNR needed to

review special regulations internally before the public review process. George Spangler proposed additional language for the resolution which specified that the chapter was notified that DNR action was taken to address this issue just prior to the chapter meeting. G. Busacker accepted the amendment and the resolution passed unanimously.

Awards

Gary Siesennop urged chapter members to make more timely submissions for the award of excellence; the chapter did not have a nomination this year. Steve Colvin, Ken Mueller, Steve Boe, and Peter Sorenson helped rate candidates for the Best Paper Award.

Rivers and Streams

Ray Newman reviewed subcommittee appointments and stated that Rivers and Streams Committee information will continue to be published in the chapter newsletter. The North Central Division Rivers and Streams meeting will be held in Moline and we will be represented by Bill Thorn. The committee is sponsoring a symposium at the 1990 Midwest Fish and Wildlife Conference.

Continuing Education

In addition to bioenergetics, a survey of chapter members also showed interest in potential workshops on communication and statistics (eg. nonparametric, multivariate analysis). The bioenergetics workshop was conducted by University of Wisconsin Sea Grant and Barry Johnson, had 29 participants, and was profitable for the chapter. Don Schreiner was

applauded for his achievements in getting the chapter's continuing education program off to an excellent beginning.

Newsletter

Brad Parsons invited comments or suggestions on the newsletter's format. The chapter will be sending flowers to Charlotte Dahl for her efforts in publishing the newsletter and Brad was recognized for the high quality newsletter he has been producing.

Membership

Gary Fandrei indicated that approximately 115 people had registered for this meeting. He will try to get updated mailing lists from the parent society on a more frequent basis.

Nominations

Darryl Bathel explained that the Executive Committee (Excom) had decided to retain four member-at-large positions with the assumption that the parent society would approve our proposed bylaw changes to allow four members-at-large in the Excom. Virginia Snarski announced the following election results: Jeff Gunderson was elected president-elect. Rod Pierce was returned as secretary/treasurer. Hannibal Bolton, Dennis Schupp, and Dan Helwig were re-elected as members-at-large to the Excom along with Don Pereira who was elected for a first term.

OLD BUSINESS

Rim Coalition

Greg Busacker contacted the Rim Coalition and is currently on their mailing list. The coalition has no bylaws and we have no obligations to the coalition. Greg indicated that the coalition is most useful as an information conduit but the coalition has had the opportunity to review proposals seeking LCMR funding. Howard McCormick moved that the chapter designate a contact person for the coalition and Greg volunteered to be our contact.

Bylaw Changes

The Excom recommended two changes to Section 6 of our chapter bylaws. The first change would allow a

fourth member-at-large on the Excom. The second change would allow the Excom to carry a motion at 75% approval instead of requiring six votes. The percentage would allow more flexibility but still maintain accountability. The changes were approved unanimously.

Procedural Manual

The Excom recommended that the chapter develop a procedural manual which should be allowed to evolve over a several year period and include input from past and current officers. The procedural manual should help provide continuity and consistency in the chapter's business.

NEW BUSINESS

President Darryl Bathel stepped down from his year term of office by passing "Esox" on to Greg Busacker. Greg began his term of office by reviewing committee appointments and establishing two new adhoc committees. A Past Presidents committee was established so the chapter could benefit from its previous officers, and a Long Range Planning committee was established to determine how the chapter might plan for the future. The following appointments were made to committee chairs:

Newsletter - Brad Parsons
Nominating - open
Resolutions - Michael Vanderford
Continuing Ed. - open
Awards - Gary Siesennop
Past Presidents - Lee Eberly
Rivers & Streams - Ray Newman
Membership - Gary Fandrei
Long Range Planning - Tracy Close

The budget proposed for 1990-91 was \$800 for president's travel, \$400 for invited speakers at the annual meeting, \$500 for the 23rd annual meeting, and \$50 for a raffle ticket for the AFS permanent home expansion fund. Considerable discussion ensued about the appropriateness of a raffle ticket. An amendment to the budget successfully excluded the \$50 raffle ticket and the budget was approved. After further discussion, an additional motion to include a \$50 raffle ticket in the budget was then successful. Also successful was a motion by Larry Kallemeyn to

give \$500 to the AFS permanent home expansion fund along with an additional \$500 to be approved later by the Excom.

An Excom recommendation for a joint meeting with the Wisconsin Chapter in 1991 was presented to the membership and accepted with the stipulation that the program chair be allowed to pick the location in consultation with Wisconsin.

President Busacker presented Darryl Bathel with an award in recognition of his service to the chapter as president during 1989-90. The meeting was adjourned at 1815.

Respectfully submitted,
Rodney B. Pierce
Secretary/Treasurer

**RESOLUTION FROM THE MINNESOTA CHAPTER
OF THE AMERICAN FISHERIES SOCIETY
MARCH 14, 1990**

WHEREAS, there is a wide perception among fisheries managers, the angling public and politicians that existing fishing regulations may not be adequate to protect Minnesota's lakes from over exploitation.

WHEREAS, special regulations may be locally appropriate due to the ecological diversity of Minnesota's lakes.

WHEREAS, special regulations are viewed by fisheries managers, the angling public and politicians as an opportunity for action.

WHEREAS, the Minnesota Department of Natural Resources is under increasing pressure to implement special fishing regulations.

WHEREAS, the issues surrounding special regulations are as much sociological as biological.

WHEREAS, the credibility of fisheries professionals rests upon the perception of the angling public and politicians regarding the efficacy of fishing regulations.

NOW THEREFORE, be it resolved that the Minnesota Chapter of the American Fisheries Society supports approaches to special regulations that:

- 1) Have clear biological and social objectives.
- 2) Determine if base line data are available to assess the current status of fish stocks, population trends, and the magnitude of their exploitation.
- 3) Predict which potential special regulations will achieve their biological and sociological objective and at what cost.
- 4) Consider all input from interested parties before deciding which options are most acceptable.
- 5) Establish procedures for determining if the stated biological and sociological objectives will be met.
- 6) Clearly report to fisheries managers, the angling public and politicians the results of these efforts, their positives and negatives, and how they might be improved in the future.

FURTHER, be it resolved that the Minnesota Chapter of the American Fisheries Society, in recognition this date of Department of Natural Resources action to address these issues through a regulation advisory committee, do commend the Minnesota Department of Natural Resources Section of Fisheries for taking positive action towards implementing mandatory committee review of all proposed fishing regulations. This commendation should be directed to the Commissioner of the Department of Natural Resources, the Director of the Division of Fish and Wildlife, and the Chief of the Section of Fisheries.

MINUTES OF THE CHAPTER EXCOM, 13 MARCH 1990

Members in attendance: Greg Busacker, Virginia Snarski, Tracy Close, Don Schreiner, Dennis Schupp, Darryl Bathel, Rod Pierce, Gary Fandrei, Brad Parsons, Jack Wingate, Gary Siesennop, and Ray Newman.

OLD BUSINESS

Bylaw Changes

D. Bathel related that, in addition to the proposed associate chapter membership in our bylaws, the proposed language for rotating the presidency among four constituent groups (DNR, Federal, University, and other categories) was not acceptable to the parent society. The parent society recommended incorporating the rotation language into a chapter procedural manual. Therefore, Darryl will present only two proposed bylaw changes at the chapter meeting. The first change will allow a fourth member-at-large on the Excom. The second change will allow the Excom to carry a motion with 75% approval instead of requiring six votes.

Chapter Procedural Manual

Chapter officers are to provide G. Busacker with lists of their responsibilities for the procedural manual.

RIM Coalition

G. Busacker contacted the Rim Coalition and is currently on their mailing list. Greg has volunteered to be our representative to the coalition which meets each month. The coalition has no bylaws and we have no obligations to the coalition. Greg indicated that the coalition is most useful as an information conduit. D. Bathel sent

letters of support for Rim funding to the governor and several key state legislators.

COMMITTEE REPORTS

Nominations

V. Snarski reviewed the list of candidates for 1990-91 chapter offices. She received 53 ballots by mail and will continue to accept them during the annual meeting. She also asked the Excom how to reduce the number of member-at-large categories from four down to three in view of the parent society's rejection of our proposed bylaw changes. G. Busacker moved that only newsletter ballots should be accepted for the election. The motion carried. J. Wingate moved that we should retain all four members-at-large and assume that our

proposed bylaw changes will be accepted by the parent society. This motion was also approved.

Issues

M. Vanderford has summarized chapter comments about the DNR Long Range Plans for Fisheries Management in a letter to the Director of the Division of Fish and Wildlife. The letter will be signed by Excom members.

The chapter received a letter from the Dept. of Interior describing the current status of ballast water restrictions for vessels entering the St. Lawrence seaway. Evaluation of voluntary compliance shows that voluntary measures will not prevent introductions of exotic organisms. Senator Glenn of Ohio is drafting

legislation to regulate ballast water exchange.

In regards to procedures for DNR approval of fish collection permits, M. Vanderford received a letter from the Chief of Fisheries inviting him to meet and discuss the subject.

Resolutions

Timely articles about transgenic fish in Fisheries magazine caused D. Schreiner to withdraw this as an issue.

Two new resolutions were submitted to T. Close; both suggested mechanisms whereby the DNR could review biological and social objectives and appropriateness of proposed special regulations. J. Wingate notified the Excom that the DNR had just finished generating an internal procedure for reviewing special regulations. Debate ensued concerning how to present this issue at the chapter meeting. Authors of the resolutions will review the new DNR procedures before the chapter meeting.

Membership

G. Fandrei indicated that he will try to get an updated mailing list from the parent society more frequently than once every two years. He will attempt to insert change-of-address forms in upcoming newsletters to help keep our chapter mailing list as current as possible.

Awards

Raters representing NSP, UM, and DNR (Ecoservices and Fisheries) were found for the best paper award. G. Siesennop wanted to know which papers were to be rated and discussion ensued concerning whether or not speakers should be required to pay chapter dues. V. Snarski recommended that the Awards Committee establish language which specifically determines who will be rated in the future. Siesennop will comment at the chapter meeting about the lack of Award of Excellence nominations this year.

Rivers and Streams

Subcommittees are getting together and establishing lines of communication. W. Thorn will represent the chapter at the NCD Rivers and Streams committee meeting.

Continuing Education

D. Schreiner presented a balance sheet of costs and an executive summary for the bioenergetics workshop. One outstate and nine instate organizations were represented at the workshop which earned about \$1,000 for the chapter.

Newsletter

B. Parsons is producing three newsletters per year. Charlotte Dahl has been instrumental in helping with the newsletter and the chapter will be sending her flowers in appreciation of her efforts.

NEW BUSINESS

Lee Redmond (NCD President) was presented with a Minnesota Chapter t-shirt for his efforts in contributing to our chapter meeting. D. Bathel read highlights of a letter from Joe Dillard, National AFS President.

D. Bathel asked if the chapter should buy some raffle tickets to support the AFS permanent home expansion fund. Excom voted to suggest buying one \$50 ticket. J. Wingate suggested the Excom consider a larger cash donation as an option for the future.

The Sport Fishing Institute is also seeking funds. The Excom voted to table this issue until more information is available about how donations to the Institute would be used.

D. Bathel asked if the 1990 Midwest Fish and Wildlife Conference was an opportunity for the chapter to raise money. J. Wingate stated that the conference steering committee was opposed to sales or raffles. The Excom voted to establish a contact person for providing help from the chapter for the conference. G. Busacker volunteered to be our contact person.

A chapter budget for 1990-91 of \$800 for president's travel to priority meetings, \$400 for invited speakers for the 1991 annual meeting, and \$500 for costs of the 1990 annual meeting was proposed.

The Wisconsin Chapter has asked us to hold our 1991 annual meeting with them at LaCrosse, Hudson, or

Superior. The Excom voted to recommend a joint meeting with Wisconsin for 1991. D. Bathel recommended that we meet alone as a chapter in 1992, our 25th anniversary. J. Wingate also

suggested meeting with the state chapter of the Wildlife Society as a future option.

Respectfully submitted,
Rod Pierce
Secretary/Treasurer

MINUTES OF THE CHAPTER EXCOM, 30 MAY 1990

Members in attendance: Lee Eberley, Mark Cook, Tracy Close, Gary Siesennop, Don Pereira, Loren Miller, Derek Ogle, Dennis Schupp, Jeff Gunderson, Ray Newman, Dan Helwig, Darryl Bathel, Hannibal Bolton, Brad Parsons, Greg Busacker, and Rod Pierce.

Minutes from the March 13, 1990 Excom meeting in International Falls were approved and income and expenditures since March 1 were reviewed. Current balance in the treasury is \$5,071.62. An additional \$500 donation to the AFS permanent home expansion fund was approved. President G. Busacker reported on the 1990 chapter meeting, providing a breakdown of costs, income, and expenses apportioned to the N.W. Ontario chapter. Balance from the meeting was \$66 in excess of our dues collections.

President Busacker reported on the mid-year society Excom meeting which he attended in Baton Rouge. Highlights of the meeting were an orientation session, the committee meeting, and a retreat to define society issues such as external and internal relations, animal rights, and politics. Greg related that it is very important for our chapter president to attend this meeting.

OLD BUSINESS

Bylaw Changes

Bylaw changes adopted at the annual meeting will be submitted to the society for approval at the Pittsburgh meeting.

Resolution on Special Regulations

The chapter received a letter from the Acting Director, DNR Division of Fish and Wildlife, thanking us for comments on the DNR review process for instituting special regulations.

A copy of the resolution will be sent to the society. Discussion ensued concerning how the chapter might appropriately contribute to the process and it was suggested that we might be able to help with the review process for regulations that are legislatively initiated.

Collecting Permits

The exchange of letters between DNR and the chapter have left the issue of inconsistency in issuing collecting permits largely unresolved. Lengthy discussion of the issue centered on 1) DNR needs to be in control of the process, 2) there appears to be inconsistencies concerning who is issued permits and limitations imposed on permits, and 3) the chapter does not have good data concerning whether or not the issue is significant enough to merit a stronger stance by the chapter. H. Bolton moved that the Excom use the upcoming chapter newsletter to inform the membership of the issue, publish the DNR response, and recommend that people having problems with this issue contact the Chief of Fisheries as indicated in the DNR response. The motion carried. J. Gunderson also moved to have D. Helwig conduct a phone survey of permit holders and potential permit applicants to determine what limitations or conditions are currently imposed on permits and to determine if applicants are satisfied with the current process. This motion was also approved.

1990 Midwest Fish and Wildlife Conference

The chapter can assist at the conference by donating help. Greg will publish general information for the membership in the June newsletter and will publish duty lists in October.

COMMITTEE REPORTS

Newsletter

B. Parsons solicited information for the June newsletter.

Nominating

A nomination form is being generated for the newsletter and work is progressing on developing a list of candidates.

Resolutions

No activity.

Procedures Manual

M. Vanderford submitted a draft table of contents to Excom.

Continuing Education

M. Cook and S. Boe are investigating the possibility of a larval fish workshop in late fall or early spring conducted by Colorado State University. Cost would be roughly \$300/person. It would last 3 days and will need to be held at a facility with a laboratory. Another survey of membership interests for continuing education will be prepared.

Membership

Membership application forms will be published in newsletters. G. Fandrei is continuing to develop the membership database.

Awards

A best paper plaque was presented to H. McCormick and letters of recognition sent to his co-authors. G. Siesennop will outline his committee's processes for the new procedures manual. The history and appropriateness of a student paper award were discussed but the Excom moved on without resolving this issue.

Rivers and Streams

The committee met and discussed issues at International Falls. W. Thorn and H. Drewes will report on the NCD Rivers and Streams meeting in the newsletter.

Long Range Planning

T. Close has established a 4 member committee who will review the parent society long range plans and identify points where the chapter might help implement these plans. The committee will focus on recommending concrete

actions/products for the chapter's long range goals.

Past President's

L. Eberly will survey past presidents to determine 1) what level of interest exists for participation in the committee, and 2) what role the committee should play in chapter business.

Issues

The potential for expanding the program for residue analysis in fish tissue was discussed. D. Helwig explained recent funding changes, program directions, and the roles of the various agencies involved in fish tissue analysis. J. Gunderson mentioned that it might be helpful to have AFS representation on the steering committee charged with disseminating results of the fish tissue analysis program.

The society's policy on transgenic fish, which will be available in 4-6 months, will treat transgenic fish as exotic organisms. D. Bathel indicated that this is a subject the chapter should continue to be on top of as the policy develops.

D. Bathel also stated that the chapter may need to adapt the new AFS policy on commercial aquaculture to Minnesota's needs to protect quality, continuity, disease, and genetic concerns for fish stocked into natural systems.

Concern was also expressed about the potential that exists for Excom members to serve a number of consecutive terms. Benefits of consecutive terms of office are continuity in the Excom but this might be at the expense of bringing new people into the Excom. The issue was tabled for discussion at the next meeting.

1991 Annual Chapter Meeting

J. Gunderson reported that the 1991 meeting is scheduled for January 23-24 at Hudson, Wisconsin. Themes discussed for the joint meeting with Wisconsin have been exotics, treaty biological issues, large rivers, and special regulations.

NEW BUSINESS

A motion for the chapter to purchase a copy of the software "Professional

File" (for maintaining the membership database) was approved.

The Past Presidents Committee will investigate the costs and design for a 25 year member pin for the 25th annual meeting.

A motion was passed enabling G. Busacker and G. Fandrei to develop a card to welcome new students and inform them about membership in our chapter.

G. Busacker was authorized by the Excom to write a letter of support for funding of the Great Lakes Fishery Commission lamprey control program if funding is not restored to that program.

All future newsletters and other releases from the chapter will need to carry a "grey literature disclaimer" for the parent society unless the releases are first sent to the society for editing and comment.

T. Close recommended a chapter news release on the zebra mussel that would emphasize the message that "this is a serious threat" and people should pay attention to information about the mussel. T. Close, J. Gunderson, and R. Newman will work on the release.

AFS professional certification cost has increased to \$100 and society dues will also increase. R. Newman expressed concern about members and students being priced out of the society.

A draft of the society's Code of Practices and Ethics was distributed to the Excom with the suggestion that comments on the draft be submitted to its author G. Sakagawa, LaJolla, CA.

T. Close raised the issue of how sensitive resolutions should be presented in the newsletter in view of the fact that this information is available to the news media. The Excom voted to use a procedure in which the author's name need not appear in the newsletter. In this case, the Resolutions Committee Chairman will be the contact person for questions about the resolution.

B. Parsons is interested in generating more response/ participation in a computer workshop that will be taught by R. Frie at the Midwest conference. The course will be a hands-on exercise in working with fisheries data.

G. Siesennop will review a U.S. Forest Service brochure for the chapter.

G. Busacker will approach the Midwest conference steering committee about discounting student registration costs in return for work at the conference.

Respectfully submitted,
Rodney B. Pierce
Secretary/Treasurer

AMERICAN FISHERIES SOCIETY

MINNESOTA CHAPTER



c/o: 4154 Blaisdell Avenue, Minneapolis, Minnesota 55409-1513

Roger Holmes, Acting Director
Division of Fish and Wildlife
Minnesota Department of Natural Resources
500 Lafayette Road
Saint Paul, Minnesota 55155

MAR 30 1990

Dear Roger,

This follows our exchange of letters from November and December of last year regarding the Division's procedures for issuing scientific collectors permits for fish. As of this month Darryl Bathel is the Chapter's Issues Committee Chairman. In writing this letter I am hoping to pass on to Darryl better closure on this issue which the Chapter EXCOM raised last year.

The reason that ^{this} issue was raised by the EXCOM may be seen in the disparity of response received by the following agencies/institutions when seeking collectors permits:

Northern States Power and
the University of Minnesota: --granted permits for surveys without supervision
by DNR staff.

Minnesota Power and Light
and Voyageurs National Park: --granted permits for surveys, but only with
supervision by DNR staff.

Minnesota Pollution Control Agency,
Western Lake Superior Sanitary District,
and Metropolitan Waste Control Commission:

--denied permits. DNR would do any fish
collecting they need. Agencies don't always
get what they need, when they need it.

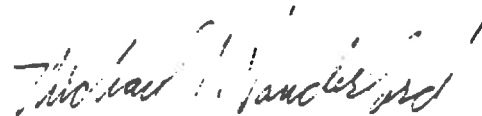
The EXCOM would like to know what criteria is used in making the type of distinctions noted above.

You suggested in your letter of December 25, 1989, that we meet with Dick Hassinger to discuss this matter further. We appreciate your invitation to do so. However, our original and current question is quite straight forward: why do these similar agencies seeking permits to do similar work get such different treatment by the Division? If the answer is complicated, we can arrange for Chapter President Greg Busacker and a delegation from the EXCOM to meet with Dick Hassinger and Don Woods at the DNR Building in Saint Paul.

Mr. Roger Holmes
March 30, 1990
page 2.

Please respond to Darryl Bathel, French River Hatchery (the current Issues Committee chair) with a copy to Greg Busacker, MN DOT, Saint Paul. Thank you for your continued attention to this matter.

Sincerely,



Michael Vanderford, Chair
Issues Committee (1989-90)

cc: Chapter EXCOM (1990-91)
AFS-NCD President
Dick Hassinger



STATE OF
MINNESOTA
DEPARTMENT OF NATURAL RESOURCES



DNR INFORMATION
(612) 296-6157

500 LAFAYETTE ROAD • ST. PAUL, MINNESOTA • 55155-40_____

APR 25 1990

April 20, 1990

Mr. Michael Vanderford
4154 Blaisdell Avenue
Minneapolis, MN 55409-1513

Dear Mr. Vanderford:

The issuance of collector's permits for taking fish is the responsibility of the Fish and Wildlife Division under their authority to manage and protect the fish in the waters of Minnesota. The Division may stock or remove fish as needed, and may sample lakes with any gear at any season while acting within their responsibilities.

All other persons, entities or agencies, may take fish only with an appropriate license within the prescribed season. In cases where there is a special need to collect fish for scientific or educational purposes outside of the framework of existing licensing procedures, the Division may consider granting a special permit to authorize taking and possession outside of the laws. Each application is a separate case that must be judged on its own merits to protect against duplication of effort and waste of the resource. Alternative methods or seasons of sampling are frequently suggested. If the Division is likely to be doing similar sampling or is better equipped to do the job, we will avoid duplication by conducting the sampling on a cooperative basis or by doing it ourselves. It also avoids adverse public reactions in sensitive areas if the Division does the sampling under their recognized authority.

Scientists at the University of Minnesota and at several other colleges apply for permits to collect fish for specific studies. These studies are examined for justification and methodology before being given approval. Fisheries often funds these projects if they have particular benefits for fish management. In most cases there is not duplication of effort, but where there is, we attempt to work on a cooperative basis.

Northern States Power for many years worked with the DNR on special studies of interest to us both, but the level of effort is now much smaller and is confined to local needs, so the decision has been to allow them to collect a few fish that do not hurt the resource and not duplicate efforts.

Minnesota Power and Voyageurs Park have needs for information on fish populations in large lakes that are under active management by the Division, and the same information is collected by the Section. It is apparent that independent sampling by the various entities would involve a great deal of duplicate sampling and unnecessary waste of the resource. Fisheries works out sampling schedules with the others to do cooperative sampling so that the needs of both are met by the means of the sampling effort.

The PCA and other agencies frequently request fish samples to examine for pesticide contamination. Fisheries, in the course of their survey programs, sample hundreds of lakes and dozens of streams each year. It is inconceivable that some arrangement can't be worked out by which the fish that we collect can't suffice for the sampling needs of the others. For years we have had annual discussions as to the mutual needs and have worked out schedules that provided for all needs with little extra effort by the Section and no waste of fish samples. If there are needs that are not being met, we stand ready to discuss them and to accommodate legitimate needs. On a very few occasions, we have rescinded a permit because the terms of the permit were being abused or we have refused to issue a permit because the applicant failed to demonstrate a genuine scientific or educational purpose for the sampling. We consider it an inherent responsibility of the Division to prevent undue waste of fish while recognizing the benefits of acquiring information to satisfy legitimate needs.

As you can see, these and all other special permits are considered and granted on a case-by-case basis because they are just that - special. If you see a problem with the issuance of any other special permit, we will be happy to discuss the provisions under which it was granted.

Sincerely,



Roger Holmes
Acting Director
Division of Fish and Wildlife

RH:pp

c: Greg Busacker
Donald Woods
Richard Hassinger
Darryl Bathel



Minnesota Chapter

American Fisheries Society

AF Promotes the Conservation, Development and Wise Utilization of the Fisheries / Organized 1870 • Incorporated 1911

Membership Application/Address Correction Form

Name _____

Street Address _____

City _____ State _____ Zip _____

Affiliation:

State

Student

Federal

Tribal

Academia

Other _____

1990 Annual member dues enclosed? (\$5)

Address correction requested?

7378 Iverson Ave. S.
Cottage Grove, MN 55016

FIRST CLASS

GUNDERSON JEFFREY L
151 WREN DR.
DULUTH MN 55811

