



**American Fisheries
Society**



Minnesota Chapter

AFS

MAY 1995

Richard - file

Minnesota Chapter AFS
1201 E. Highway 2
Grand Rapids, MN 55744

US POSTAGE PAID
BULK RATE PERMIT NO 545
GRAND RAPIDS, MN

Paul Brouha 95
American Fisheries Society
5410 Grosvenor Lane, Suite 110
Bethesda MD
20014

1995 MINNESOTA AFS ADDRESS LIST

<p><u>PRESIDENT</u> Carl Richards NRRI-UMD 5013 Miller Trunk Highway Duluth, MN 55811 218/720-4332 FAX 218/720-4219</p>	<p><u>EXCOM MEMBERS AT LARGE</u> MINNESOTA DNR Dennis Anderson DNR Section of Fisheries 1201 E. Hwy 2 Grand Rapids, MN 55744 218/327-4415 FAX 218/327-4263</p>
<p><u>PRESIDENT ELECT</u> Larry Kallemeyn 3131 Hwy 53 International Falls, MN 56649 218/283-9821 FAX 218/285-7407</p>	<p><u>FEDERAL</u> Chantel Cook Chippewa National Forest RR 3, Box 244 Cass lake, MN 56633 218/335-8600 FAX 218/335-8637</p>
<p><u>SECRETARY-TREASURER</u> Henry Van Offelen Minnesota DNR PO Box 823 Detroit Lakes, MN 56601 218/847-1579 FAX 218/847-1588</p>	<p><u>ACADEMIC</u> Jay Hatch University of Minnesota 340 Appleby Hall 128 Pleasant Ave. SE Minneapolis, MN 55455 612/625-9346</p>
<p><u>IMMEDIATE PAST PRESIDENT & Issues Committee Chair</u> Bill Thorn Minnesota DNR 1801 S. Oak St. Lake City, MN 55041 612/345-3365 FAX 612/345-3975</p>	<p><u>OPEN</u> Larry Schwarzkopf Fond Du Lac Natural Resources 105 University Road Cloquet, MN 55720 218/879-1759 FAX 218/879-4146</p>

COMMITTEE CHAIRS

<p><u>Awards Committee</u> Bruce Vondracek UM Fisheries & Wildlife 200 Hodson Hall 1980 Folwell Avenue St. Paul, MN 55108 612/624-3421 FAX 612/625-5299</p>	<p><u>Resolutions Committee</u> Dean Beck Minnesota DNR 1110 N. Lakeshore Dr. Glenwood, MN 56334 612/634-4573 FAX 612/634-4576</p>	<p><u>Continuing Education Com.</u> Deserae Bushong Minnesota DNR 1801 South Oak St. Lake City, MN 55041 612/345-3365 FAX 612/345-3975</p>
<p><u>Cont. Ed. (Co-chair)</u> Mark Hove UM Fisheries & Wildlife 200 Hodson Hall 1980 Folwell Ave St. Paul, MN 55108 612/624-0744 FAX 218/587-1588</p>	<p><u>Long Range Planning Comm.</u> Tracy Close Minnesota DNR 5351 North Shore Drive Duluth, MN 55804 218/723-4680 FAX 218/723-4785</p>	<p><u>Public Awareness Comm.</u> Steve Quinn P.O. Box 999 651 Edgewood Drive Brainerd, MN 56401 218/829-1648 FAX 218/829-3091</p>
<p><u>Nominations Committee</u> Rod Pierce Minnesota DNR 1201 East Hwy. 2 Grand Rapids, MN 55744 218/327-4452 FAX 218/327-4263</p>	<p><u>Students Committee</u> Lynn Mizner Maher UM Fisheries & Wildlife 200 Hodson Hall 1980 Folwell Avenue St. Paul, MN 55108 612/624-0744 FAX 612/625-5299</p>	<p><u>Procedural Manual Comm.</u> Greg Busacker 3485 Hadley Ave N. Oakdale, MN 55128-3307 612/779-5077 FAX 612/779-5109</p>
<p><u>Membership Committee</u> Jeffrey Reed Minnesota DNR 1110 N. Lakeshore Dr. Glenwood, MN 56334 612/634-4573 FAX 612/634-4576</p>	<p><u>Rivers and Streams Comm.</u> To Be Announced</p>	<p><u>Newsletter Prod./Editor</u> Chris Freiburger Minnesota DNR 1201 East Hwy. 2 Grand Rapids, MN 55744 218/327-4430 FAX 218/327-4263</p>

MINUTES OF MINNESOTA AFS CHAPTER EXCOM

February 21, 1995
Spirit Lake, IA

Members in attendance: Bill Thorn, Don Pereira, Chris Kavanaugh, Carl Richards, Steve Hirsch, Paul Pajak, Neal Mundahl, Greg Busacker, Bruce Vondracek, Deserae Bushong, Tracy Close, Jeff Reed, Dean Beck, Mark Ebbers, Daryl Bathel, Steve Quinn, Rod Pierce, Henry Drewes.

Call to Order - B. Thorn - Meeting was called to order and everyone was welcomed.

Approval of Minutes - C. Kavanaugh - Minutes from the Fall EXCOM meeting were reviewed, discussion on the need to re-word Hirsch's comments. Motion to approve minutes with the exception of DNR comments (Hirsch), seconded, passed.

Hirsch will provide Kavanaugh with comments.

Treasurer's Report - C. Kavanaugh - Treasurer's Report was distributed and reviewed. Motion to approve, seconded, passed.

Annual Chapter Meeting Plans - C. Richards - Thanks are due to Bernie Schonoff and Gary Siegwarth from the Iowa chapter for all of their work in setting up the meeting.

COMMITTEE REPORTS

Awards - B. Vondracek - Four 25-year awards will be presented at the banquet along with one Special Recognition Award. Need nominations for the Meritorious Service Award, if warranted.

Continuing Education - D. Bushong - The genetics workshop is very close to the break-even point with registrations. Have commitments from 21 people, need 25 to break even. Registrations will be accepted until March 1. We need to make a decision on what to do if there are less than 25 people registered. Does the chapter want

to underwrite a shortfall? EXCOM has the authority to spend up to \$500, if more than \$500 then need membership approval. A motion was made seeking membership approval to underwrite the workshop in excess of \$500, if necessary. The motion was seconded. Discussion followed focusing on the lack of interest, is it due to cost associated with having four instructors? Cost of this workshop is very similar to costs of other workshops. Chapter members identified genetics as a high priority for a workshop, however, the specialized nature of the topic may be responsible for the lack of registrants. The motion passed unanimously.

Issues - D. Pereira - Sustainable management: A draft of the position paper was distributed to EXCOM. Comments will be sought from the membership at the business meeting. Comments may be submitted to Pereira by March 15, 1995. Following this revision will seek membership approval.

Clearing and Snagging; Some progress has been made. The DNR Division of Waters (DOW) and Division of Fish and Wildlife (DFW) have each assigned a staff person to work on resolution of this issue. There has been agreement in principle of the AFS Stream Obstruction Removal Guidelines. Dirk Peterson (DFW) and Joe Gibson (DOW) will work to develop internal operating guidelines.

Miller Creek: Carl Richards; some progress to report. Duluth and Hermantown have signed a joint powers agreement and formed a planning group. Richards is participating in this group. Next step is to seek DNR Watershed Project status. Hirsch has consolidated comments from Thorn and Larry Gates, this draft letter to Commissioner Sando was distributed. Comments are due to Richards ASAP, revised draft will be faxed to EXCOM

for vote. At the October EXCOM there was discussion about the chapter pursuing development of a Watershed Information Packet. No action has been taken yet, concern that we may be duplicating effort. There is a need to see what is already available and determine if we can do any better in packaging it for the general public.

Legislative Breakfast:

Pereira; Considering three options, 1) Breakfast - may not be able to accept due to new lobbying laws. 2) Summer meetings - may be limited opportunity, need to check. 3) Approach chairs of committees in their offices.

General support to explore option 3. Some question as to effectiveness of breakfast, poor attendance due to conflicts but generally positive for those that did attend.

Some discussion as to expanding focus to include US Senators and Congressmen, may be able to affect federal laws. Could target issues such as Clean Water Act, Endangered Species Act, Farm Bill, National Biological Service. State issues include Rainy Lake Hatchery, Ecosystem Based Management.

Pereira is looking for someone else to take lead in organizing. Need to coordinate, organize, determine issues, seek EXCOM approval, delegate issue writing, organize chapter attendance. Drewes and Vondracek offered to help.

Long Range Planning - T. Close: Will have a 10 minute input session at the chapter business meeting.

Membership & FAN - J. Reed: A handout was distributed which identified chapter membership for 1994 at 288 members. Work is progressing slowly on the membership directory. Three action ideas were suggested for 1995: 1) complete and distribute membership directory, 2) identify and recruit non-chapter AFS members, and 3) continue MNPRO.

An article was written for the newsletter describing the Fisheries Action Network (FAN). Membership

needs to be active (letters, calls) as individuals on legislative items. Bill writers count constituent votes. Suggest using a two-prong approach; letter from the chapter and letters from individual chapter members. Reed can help get member support using his network. We should also consider going to the media with our side on issues. Richards will help Reed continue to develop FAN within our chapter.

Newsletter - report by Kavanaugh -

Delay in the last two newsletters was caused by many factors. These factors have been identified and steps have been taken to improve timeliness of the newsletter.

Nominations - R. Pierce - Due to delay in the newsletter distribution, which included the ballots, suggest to move the deadline to receive ballots back to March 9, 1995. A motion was made to move the deadline to receive ballots to March 9, 1995, notify candidates and post results in the next newsletter. Seconded, passed unanimously.

There has been some difficulty in getting people to run for office, particularly from the open category because of low number of members. Seeking suggestions to change format. The current format is specified in the procedural manual.

Procedural Manual - G. Busacker -

The Public Education Committee proposal is ready for chapter membership approval. The proposed changes have been incorporated into the Procedural manual and a draft had been distributed. Comments can be made to Busacker until March 15, 1995. Then the AFS Constitutional Consultant will review again, then to AFS mid-year EXCOM, finally to full society membership at the annual meeting in Tampa.

Public Awareness - S. Quinn - A handout was distributed which explained that 20 TV stations have agreed to air our PSA. Copies have been made and distributed at a cost of about \$450. Everyone should

watch for the video and provide comments to Quinn.

Resolutions - D. Beck - A resolution and issue paper on Instream Flow was published in the last newsletter. The target audience will be people working on IFIM and the general public. There was some discussion to modify the wording of the last paragraph. A motion was made to have Drewes, Beck, and Richards work on revised language so the resolution can be read at the business meeting. Seconded, discussed distribution of the resolution once passed, passed unanimously.

Two other resolutions were received very late last week. They are included as information items only.

Rivers and Streams - H. Drewes - A handout was distributed briefly describing work accomplished on the clearing and snagging issue, Instream Flow, 1995 Farm Bill, and the NCD Rivers and Streams Technical committee.

Students - A letter was sent to Thorn describing activities of the committee. Information packets were sent to 10 colleges across Minnesota, no responses were received by Maher (Van Offelen has eight students seeking travel funds). The letter encouraged the chapter to solicit papers earlier and require abstracts at the deadline for last call for papers to avoid confusion.

OLD BUSINESS

Action Agenda #2 - Public Education - Quinn, Richards - Covered earlier.

Action Agenda #3 - Instream Issues - Drewes - Covered earlier.

Action Agenda #4 - Exotic Species - A handout was distributed describing work of the committee. A conference call was held on February 14, 1995. Recommendations include 1) Letter to Federal Legislators asking support

for reauthorization of the Aquatic Nuisance Prevention and Control Act. 2) Support the continuation of the \$5 surcharge on MN boat licenses. 3) Resolution supporting state regulations prohibiting the transport of aquatic plants and regulating the introduction of new exotics.

Action Agenda #5 - Membership Input - Richards, Close - Time will be allocated on the annual meeting agenda to solicit input from members.

Action Agenda #6 - Chapter Financial Plan - Bathel - A letter was distributed from the Past Presidents Committee regarding chapter finances.

Action Agenda #7 - Constitutional Changes - Thorn - Covered earlier.

Membership Directory - Reed - About 60 members have filled out a questionnaire. Will seek permission from members to use their name and address at registration. Hope to print by the end of March, 1995.

Stream Trout in Lakes Workshop - Ebbers, Van Offelen - Neighboring states and provinces were contacted with regards to interest and participation in a workshop. While no commitments were made there appeared to be some interest from MI, ON, and WI. There is also some interest from western states in participating and contributing. Discussed holding this in conjunction with NCD/Midwest. Prefer MN location so DNR personnel can attend. Midwest is scheduled to be in MN in 2000. EXCOM recommends that we look to do this in conjunction with Midwest, as a special session to be published in the North American Journal of Fisheries Management.

NEW BUSINESS

1995 Budget - A draft was distributed. A motion was made and seconded to accept the budget. Discussion was held on having the

President-elect also attend the NCD meeting. Also discussed increasing the membership directory cost by \$100. Passed.

1996 Meeting Plans - Wide open at this time.

Bemidji Science Center - Pereira - Received word on the development of a fishing exhibit. Quinn to follow up. Quinn will also work on a process for advocacy using the developing position statement from the Parent Society.

Research Abstracts - Richards - Encouraged the chapter to consider publishing a compendium of non-peer reviewed abstracts of work being done in the state. Used an example from the Idaho Chapter. Pajak added that the USF&WS Federal Aid Office has summaries available via computer searches.

INFORMATION ITEMS

DNR - Hirsch - A written statement was distributed, items covered include; 1837 treaty, legislative notes, oversight committees, fishing roundtable. Additionally, fact sheets on three specific treaty issues were also distributed.

Federal - Pajak - A written statement covering; sustainable resource management, national forum on the farm bill, AFS promotional video, NEPA training, Workshop on low head fish weirs, and Aquatic Educators Coordinators Meeting, was distributed.

Motion to adjourn, seconded, passed.

Respectfully submitted by Chris Kavanaugh, March 1, 1995

MINUTES OF MINNESOTA AFS CHAPTER 28th ANNUAL BUSINESS MEETING

February 22, 1995
Spirit Lake, IA

Call to Order - B. Thorn - Meeting was called to order, a quorum was present, and everyone was welcomed.

Introduction of Guests - B. Thorn - Jack Wingate, AFS President-Elect and Don Pereira, NCD President-Elect, were introduced and welcomed to the meeting.

Approval of Minutes of 27th Annual Meeting - Minutes of the 27th annual business meeting were reviewed. Motioned, approv., seconded, passed.

President's Report - B. Thorn - A handout was distributed outlining accomplishments and work in progress.

Treasurer's Report - C. Kavanaugh - Treasurer's Report was distributed

and reviewed. Motion to approve, seconded, passed.

Auditor's Report - The Chapter books were reviewed by Tim Cross and Mark Ebbers and were found to be in order.

COMMITTEE REPORTS

Awards - B. Vondracek - Four 25-year awards will be presented at the banquet, recipients are; Dennis Anderson, Farrel Bandow, Bill Thorn, and Gary Siesennop. A Special Recognition Award will be presented to Henry Drewes for his work on the Rivers & Streams Committee.

Elections - R. Pierce - Ballots will be accepted for the next two weeks

and the results will be published in the next newsletter. Candidates were introduced: President Elect; Larry Kallemeyn and Bruce Von Dracek, Secretary/treasurer; Cindy Tomcko and Henry VanOffelen, EXCOM Federal; Paul Pajak and Chantel Cook, EXCOM Open; Larry Schwarzkopf, EXCOM DNR; Dennis Anderson and Jim Stewart, EXCOM Academic; Mark Hove and Jay Hatch.

There has been some difficulty in getting people to run for office, particularly from the open, federal, and academic categories because of low number of members. Seeking suggestions to change format. The current format is specified in the procedural manual.

Issues - D. Pereira - Clearing and Snagging; Some progress has been made. The DNR Division of Waters (DOW) and Division of Fish and Wildlife (DFW) have each assigned a staff person to work on resolution of this issue.

Miller Creek: Carl Richards; some progress to report. Duluth and Hermantown have signed a joint powers agreement and formed a planning group. Richards is participating in this group. Next step is to seek DNR Watershed Project status.

Membership - J. Reed: A handout was distributed which identified chapter membership for 1994 at 288 members. Work is progressing slowly on the membership directory. Three action ideas were suggested for 1995: 1) complete and distribute membership directory, 2) identify and recruit non-chapter AFS members, and 3) continue MNPRO.

MNPRO resulted in 10 new members. Bob Davis won a carved trout pen holder for recruiting new member Marv Ingbritson.

Long Range Planning - T. Close: Will have a 10 minute input session during New Business.

Resolutions - D. Beck - A resolution "Requesting support of improved protected flows for rivers" was read

to the membership. Will vote during Old Business.

Students - L. Maher - Information packets were sent to 10 colleges across Minnesota, no response. Eleven students are receiving financial assistance to attend the meeting. One high school student, Alexis Gray, is present and was introduced.

Rivers and Streams - H. Drewes - A handout was distributed briefly describing work accomplished on the clearing and snagging issue, Instream Flow, 1995 Farm Bill, and the NCD Rivers and Streams Technical committee.

Continuing Education - D. Bushong - The genetics workshop is very close to the break-even point with registrations. Have commitments from 21 people, need 25 to break even. Registrations will be accepted until March 1.

Public Awareness - S. Quinn - A handout was distributed which explained that 20 TV stations have agreed to air our PSA. Copies have been made and distributed at a cost of about \$450. Everyone should watch for the video and provide comments to Quinn.

Procedural Manual - G. Busacker - The Public Education Committee proposal is ready for chapter membership approval. The proposed changes have been incorporated into the Procedural manual and a draft had been distributed. Comments can be made to Busacker until March 15, 1995. Then the AFS Constitutional Consultant will review again, then to AFS mid-year EXCOM, finally to full society membership at the annual meeting in Tampa.

Newsletter - report by Kavanaugh - Delay in the last two newsletters was caused by many factors including; submission of items and post office delay in printing. Cost of local printing was explored and found to be very high. Corrective steps have been taken to deliver the

newsletter in a timely manner.

A comment was made about restoring the list of EXCOM and Committee Chairs on the inside front cover of the newsletter.

Exotic Species Task Force - A handout was distributed describing work of the committee. A conference call was held on February 14, 1995. Recommendations include 1) Letter to Federal Legislators asking support for reauthorization of the Aquatic Nuisance Prevention and Control Act. 2) Support the continuation of the \$5 surcharge on MN boat licenses. 3) Resolution supporting state regulations prohibiting the transport of aquatic plants and regulating the introduction of new exotics. Comment to John Ringle by March 31, 1995.

Salmonid Technical Committee - T. Jones - The committee is just getting started, encourage anyone to participate. Developing a list of trout management reports.

EXCOM REPORTS

DNR - Hirsch - A written statement was distributed, items covered include; 1837 treaty, legislative notes, oversight committees, fishing roundtable. Additionally, fact sheets on three specific treaty issues were also distributed.

Federal - Pajak - A written statement covering; sustainable resource management, national forum on the farm bill, AFS promotional video, NEPA training, Workshop on low head fish weirs, and Aquatic Educators Coordinators Meeting, was distributed.

Academic - N. Mundahl - There is a threat to eliminate NBS and Coop units, encouraged letter writing. State funding is also a concern as the State university system merger progresses there is talk of eliminating small programs from some campuses. It was suggested that the Chapter write a letter, Thorn commented that it has already been done. Response from legislators has

been low. Now is the time to use FAN to broaden message. It was suggested that the chapter write a letter to the State Department of Education supporting aquatic education as part of the 'graduation rule'.

OLD BUSINESS

Action Agenda #1 - Sustainable Mgmt. Position Statement - Pajak - A draft has been developed following the joint session with the MN chapter of the Wildlife Society. Seeking comments by March 15, 1995.

Action Agenda #2 - Instream Issues - Drewes - Covered earlier.

Action Agenda #6 - Chapter Financial Plan - Bathel - A letter was distributed from the Past Presidents Committee regarding chapter finances.

Action Agenda #7 - Constitutional Changes - Thorn - A motion was made to move forward with the by-laws change, incorporating the Public Education Committee as a standing committee. Seconded and passed.

Resolutions - Beck - A resolution "Requesting support of improved protected flows for rivers" was read to the membership. Motion to approve, seconded, no discussion, passed.

ESOX, the official Chapter gavel, was passed from Bill Thorn to Carl Richards.

NEW BUSINESS

Immediate Past President Award - Richards presented Thorn with a certificate and thanked him for his service to the Chapter as President.

Committee Assignments - The following committee assignments were made:

Awards	Bruce VonDracek
Nominations	Rod Pierce
Issues	Bill Thorn
Membership	Jeff Reed
Resolutions	Dean Beck
Long Range Plan.	Tracy Close
Students	Lynn Maher
Riv. and Streams	To be announced
Public Awareness	Steve Quinn
Newsletter	Chris Freiburger
Continuing Ed.	Deserae Bushong and Mark Hove
Procedural Man.	Greg Busacker

1995 Budget - A draft was distributed. A motion to accept the budget was made, seconded, and passed.

1996 Meeting Plans - Wide open at this time.

Other - A motion was made to underwrite up to \$800 to cover potential shortfall in registration for the Genetics Workshop. Seconded, discussion about the possibility of offering scholarships with the chapter funded portion, past experience has been that registrations are received after the deadline and this workshop will probably fill with paying participants. No further discussion, call for vote, passed.

Research Abstracts - Richards - Encouraged the chapter to consider publishing a compendium of non-peer reviewed abstracts of work being done in the state. Used an example from the Idaho Chapter.

Riparian Awareness - C. Cook - The Minnesota Environmental Initiative will be sponsoring a conference on riparian awareness this summer in Duluth. Encouraged chapter members to attend.

Action Agenda Development - Input session - T. Close - The following are brief statements offered by the membership;

Look at Parent Society Strategic Plan.

Sponsor an educational event targeted at the general public and other resource professionals.

Suggest the Education Committee develop a means to get our message into high schools, Parent Society may have some materials.

Need input for FAN from membership. Chapter news releases on issues. Identify why the lack of participation from DNR management personnel.

Fund Office of Environmental Education and move to EQB.

Richards noted that a draft Chapter Action Agenda will be distributed.

Motion to adjourn, seconded, passed.

Respectfully submitted by Chris Kavanaugh, March 1, 1995

**ROTATION POLICY FOR PRESIDENT-ELECT
- PROPOSED CHANGE -**

A recurring problem in recruiting people to run for president-elect has been the low number of potential candidates from Federal, Open, and Academic affiliations. The current chapter procedures call for rotating the president-elect position among those three affiliations and a DNR category so that each group will be represented once every four years. In 1994, the numbers of members in each category were 19 Federal, 17 Open, 20 Academic, and 93 DNR.

Although the practice of rotating the office among different groups has served us well in the past, membership in three of the categories point to an obvious difficulty in recruiting two people each year to run for president-elect. In a year when the president-elect is from one of the small categories, we need one of every four or five members in the category to run for office (2 president-elect and 2 Excom). That's a big commitment from people with those affiliations!

Furthermore, the current language in the procedural manual does not allow the nominations committee to seek a candidate from another category when two people from Academic or Federal affiliations can not be found to run for office. In view of these problems, we are proposing the

following procedures for the chapter:

1. The office of president-elect be rotated between only two affiliations - DNR and Other.
2. The nominations committee will make every effort to secure candidates affiliated with the category up for president-elect. If candidates can not be found, then the position can be opened to members of any affiliation.
3. Although it will still be difficult to obtain two candidates from each affiliation for the Excom, we would like to try to keep the current four-affiliation system in order to maintain the important and beneficial diversity of viewpoints.

These proposals will be brought before the Excom with the recommendation that they be voted on at the next chapter meeting. Please contact Rod Pierce if you have any comments or concerns about these proposals - concerns that you want the Excom to consider.

Respectfully submitted,
Rodney Pierce

**** ELECTION RESULTS ****

Election results for the Minnesota Chapter of the American Fisheries Society were extremely close this year, with three of the offices decided by three votes or less. The close election results were a direct reflection of the high quality of the candidates. The results also confirmed the importance of each and every vote. The following people are new office holders:

<i>President-elect</i>	<i>Larry Kallemeyn</i>
<i>Secretary/Treasurer</i>	<i>Henry Van Offelen</i>
<i>Excom - Federal</i>	<i>Chantel Cook</i>
<i>Excom - DNR</i>	<i>Dennis Anderson</i>
<i>Excom - Academic</i>	<i>Jay Hatch</i>
<i>Excom - Open</i>	<i>Larry Schwarzkopf</i>

Again, we would like to thank all of the candidates that volunteered to run for office.

RESEARCH CONDUCTED AT UNIVERSITY OF MINNESOTA RECEIVES BEST PAPER AND POSTER AWARDS

The best paper award was presented to Loren Miller, currently pursuing his Ph.D. at the University of Minnesota, for his presentation of the paper with Dr. Anne Kapuscinski titled "Isolation of polymorphic genetic markers in Northern pike". Loren received his B.S. in Biology from the University of Minnesota in 1986. Following the completion of his degree, Loren worked for 3 years as a Quality Control Supervisor in a Dairy Products Plant. Loren then came back to the University of Minnesota to pursue a M.S. in Fisheries which he completed in 1992. Loren immediately began the Ph.D. program at the University of Minnesota researching genetic diversity within northern pike populations using a new type of marker.

Best poster was presented by Mark Hove and several colleagues including Eric Peterson, Robin Engelking, Elaine Evers, and Margaret Peteler. The title of the poster was "Suitable fish hosts of six

freshwater mussels". Mark received a B.S. in Fisheries and Biochemistry in 1987 from the University of Minnesota. Mark then journeyed east and completed M.S. degree in Fisheries Science at the Virginia Polytechnic Institute and State University in 1991. Since completion of his degree in Virginia, Mark has spent the last four years working at the University of Minnesota as a research biologist in aquaculture with Dr. Anne Kapuscinski. Mark completed the research for the winning poster and a companion poster in his "off time". Mark was ably assisted in the poster presentation by Eric Peterson, a junior majoring in Fisheries and Wildlife at the University of Minnesota. Eric was the recipient of an Undergraduate Research Opportunity Program grant to study fish hosts for mussels. After completion of his B.S. degree, Eric plans to attend graduate school and focus on conservation of aquatic ecosystems.

SOLICITATION FOR NOMINATIONS FOR THE CHAPTER AWARD OF EXCELLENCE AND NOMINATION FOR SPECIAL RECOGNITION.

The purpose of the Award of Excellence is to recognize long-term excellence in the fisheries profession or outstanding performance in an activity (preserve, promote, or improve fish populations, fish habitat, or the field of fishery science) or that furthers the goals of the Minnesota Chapter of AFS. The award of Excellence may be presented to any individual or group, regardless of their membership in AFS. The nomination should indicate how and why the nominee is worthy of the award. Describe the impact or significant contribution of the individual or group in one or two pages.

Special Recognition Awards are presented to acknowledge personal services contributed to the Chapter or a special project that advances the goals of the Chapter. Any Chapter member is eligible. A short statement describing the service to the Chapter Should be provided.

Bruce Vondracek
Awards Committee

DIVISION AWARDS NOMINATIONS REQUESTED

The North Central Division of the American Fisheries Society is soliciting nominees for the three awards given annually. These awards are the Most Active Chapter Award, the Meritorious Service Award, and the Fisheries Excellence Award. All three are fully described below. Forms to be completed for each award are available, but the nominations can also be made in a letter including information outlined in the description of each award.

Description of Awards:

Most Active Chapter:

This award will be given to the North Central Division Chapter that has carried out the most active program of enhancing professionalism and fisheries science, relative to its size and the geographic distribution of its membership. Most often, members will nominate their own chapter. Nomination materials should include the number of members, names of officers, number and type of meetings, special activities, recruitment activities, and a brief (1 page) description of what makes this chapter an active and important contributor to the NCD, AFS, and fisheries profession. Additional materials of support may also be included.

Fisheries Excellence:

This award will be given to a North Central Division member who has made an outstanding contribution to the fisheries profession. This contribution may be a single activity or a collection of achievements over the individual's career. Former Division members may be nominated if most of their work occurred while they were NCD members. Nominations should include the names and signatures of at least 2 nominators, a brief (1 page) biographical sketch of the nominee, a brief (1 page) narrative of significant contributions made by the nominee, and copies of any additional materials to support the application.

Meritorious Service Award:

This award will recognize extraordinary service to the AFS by a NCD member. Nominations may be based on a single outstanding achievement or a variety of service activities, and may include the Chapter, Division, Section or Parent Society level. In the nomination, evidence must be presented that this service has gone beyond the routine and that it has made a genuine and lasting contribution to the betterment of the Society. Nominations should include the names and signatures of at least 2 nominators, a brief (1 page) biographical sketch, a brief (1 page) narrative of significant contributions made by the nominee, and copies of any additional materials to support the application.

All of these awards will be presented at the North Central Division Annual Meeting at Detroit in December. Nominations must be received by **July 15**. Please print this announcement in your chapter's newsletter and announce this call at your annual business meeting. You may submit nomination materials to, and receive additional information from:

Donald L. Pereira
Minnesota Department of Natural Resources
1200 Warner Road
St. Paul, MN 55106

email: dlp@finsandfur.fw.umn.edu
Phone: 612/772-7962
FAX: 612/772-7977

CONTINUING EDUCATION COMMITTEE

The Parent Society's Continuing Education Committee has been exploring different ways in which we can provide members with training opportunities. To date, nearly all Society members with training courses are given at meetings of the Parent Society or subunits. While these formats can be effective, they may not be readily accessible to all members.

For certain subjects, correspondence courses may provide training opportunities that would otherwise not be available. Many universities offer a variety of correspondence courses, but fisheries and aquatic ecology offerings are practically nonexistent.

The continuing Education Committee is

seeking the help of instructors who are teaching or have taught fisheries-related courses that can be reformulated into a correspondence format. If you think that one or more of your undergraduate or graduate courses, or in-service courses have potential as correspondence courses, the Committee would appreciate hearing from you. We recognize that course revisions may require considerable effort and costs, for which funds may be available. To further explore potential courses contact:

Bob Carline
Merkle Laboratory University Park, PA 16802
Telephone: (814) 865-4511; Fax: (814) 863-4710
email: f7u@psuvm.psu.edu

FISHERIES ACTION NETWORK ADVOCACY and GETTING INVOLVED IN A TIME OF POLITICAL UNCERTAINTY

No matter what your political conviction, you must admit that last November's elections will bring change to the way things are done and how our resources are managed. And like it or not, with these changes our roles as advocates of fishery resources will become increasingly important. It will undoubtedly be a challenge.

So far this year the Chapter has sent letters in support of funding for the National Biological Service and the Cooperative Research Units as well as funding for the NBS Great Lakes Research Center. At the state level we have gone on record in support of continuing to include aquatic/environmental education in our schools. But are we doing any good?

The fact is probably not. We have two problems when it comes to political savvy. First of all we, as scientists, don't make enough noise. The scientific community, particularly those of us in the environmental sciences, is notorious for this. Remember, by not saying something you are either accepting the proposed change or status quo. Secondly, we have a problem with credibility. It seems that when ever a scientist expresses his or her opinion, they are either viewed as "doom sayers" or lumped together with the environmental extremists. There are ways to get out of these traps we have snared ourselves in. 1) Get involved, write letters to your elected representatives, phone them - educate them. MAKE SOME NOISE! 200 letters from chapter members will be taken more seriously than one letter from the Chapter President (no offense Carl); 2) Use only information that is scientifically valid to make your point. It is also worth your time to send that information with your letter,

Congressional Staff Members will often use that information to solidify a position during debate. There is currently an opportunity for each and every one of us to make some noise. The 1990 Farm Bill will be reauthorized, in some form, by Congress very shortly. Debate over the legislation will probably begin shortly after the April recess. AFS has developed an excellent legislative briefing statement (Thanks Paul Pajak et al.!!) on the Farm Bill and how it could be modified to encourage wiser, sustainable use of our land and water resources. I encourage each of you make yourself familiar with this information and be prepared to send a letter in support of these modifications to your Representative and each of our two U.S. Senators. They will probably receive a letter from some level of AFS too, however, things are usually taken more seriously when it comes from someone that can cast a vote! Paul Pajak is in the process of condensing the briefing statement, which when available could also be sent out to your representative. If you would like one, please contact me.

Remember, keep your eyes and ears open, make noise, and educate!

Finally, one of the things the FAN manager is responsible for is informing the membership of legislation or administrative rules that affect fishery resources. Ideally this is done so members can voice their opinions to their elected representatives in a timely manner. Because the newsletter comes out on an irregular basis it probably isn't the ideal means for communicating this information. If you have any ideas on how this could be accomplished please feel free to contact me.

Jeff Reed.

FROM THE FEDERAL FRONT

Greetings from the Federal employees of the MN AFS! As you might expect, the changes in the Administration and Congress have reverberated down to our ranks and many of us are trying to sort out the budget and deal with downsizing efforts in our agencies.

In the Forest Service, many things are happening. The Forest Service has been hailed as a "reinvention" agency, meaning that we are learning how to do as much, if not more, with a new organizational structure, less money, and fewer people. The good news is that the Chief of the Forest Service, Jack Ward Thomas, comes from the ranks of the biologists, having held a position with the Forest Service Research branch in the Pacific Northwest for decades. While the Chief has embraced the reinvention efforts, he has continued to be an advocate for maintaining technical expertise in the fields of wildlife and fisheries biology. He recently issued a statement encouraging his staff to maintain memberships and to become actively involved in our professional societies.

Many of us are also struggling to more fully understand and implement Ecosystem Management (EM). On the Chippewa National Forest, we are continuing to focus on the development of an Ecological Classification System (for terrestrial and aquatic systems), planning on larger ecological scales (such as watersheds and other ecological land units), and on the implementation of key components of EM, such as riparian area management. We are working toward completion of a Riparian Management Guide for the Forest, and on March 2, we hosted a riparian awareness workshop, which was attended by staff from 30 different agencies and partner groups.

In the U.S. Fish and Wildlife Service, Paul Pajak reports that downsizing and reorganization are

consuming his energy as well. The Service reports that by 1999, management staff (not field staff) will be reduced by 50%. News from the Director's office indicates that ecosystem management, a redirection of the fisheries program, and the reauthorization of the Endangered Species Act (ESA) are among the top priorities, and in fact, Bruce Babbitt has confirmed that reauthorization of the ESA is the number one priority for the Dept. of the Interior. The redirection of the USFWS fishery program will place a priority on the recovery of fish species and the restoration and management of inter-jurisdictional fisheries.

Paul is continuing his efforts with the Farm Bill legislation, and on April 4-5, he presented an update to the NCD Rivers and Streams Committee. Paul Brouha reported that the legislative briefing paper, prepared by Paul and others, has been embraced by other agencies, and is being used to define the aquatic side of the debate. Paul is also working to draft a one-page executive summary of that briefing paper for wider distribution to the public.

Larry Kallemyn reports that he will become project leader for two new NBS research projects. In Rainy and Namakan lakes, he will direct research on the effects of rainbow smelt on native species, and at Isle Royale, he will direct a project to determine mercury contamination and genetics of three cyprinid species. He will be hiring seasonal staff to conduct this research, so if you know of good help looking for jobs, contact Larry.

The Environmental Protection Agency is also dealing with plans to reorganize, and Ginny Snarksi reports that the lab in Duluth will be hiring 27 new employees, including fisheries staff. Ginny promised to fill us in on these happenings in another issue of the newsletter.

A NOTE FROM THE DESK OF..... *Kristin Merriman-Clarke*

Editor, Fisheries

As editor of Fisheries, I look forward to covering your subunit activities in 1995. I invite you to contribute news of your subunit's committee's awards, events, position statements, continuing education classes, and other projects. A big thank-you goes to those subunits that have sent me materials in the past year--I hope such articles in Fisheries have helped attract new members, raise funds, find volunteers, and recognize outstanding members.

I am also looking for Sections interested in

working with me to create special theme issues of Fisheries (pitch some ideas or pull together some symposium presentations for starter). In addition, features, essays, and Happenings (individual member news) contributions are always needed. If you are interested, or if I can help make your subunit more successful in the coming year, please contact me at (301) 897-8616. Thank you for helping me keep Fisheries timely and interesting.

FISHING AIN'T FARMING

ANGLING IS PURSUIT OF MYSTERIOUS OF WILD, NOT HARVESTING OF CROPS

Editors Note: Here at the Minnesota AFS Editorial Office we try to encourage thought provoking debate on fisheries or fisheries related issues. We encourage anyone with pertinent issues to send your thoughts or tidbits to us. Steve Quinn, Chair of the Public Awareness Committee, saw the following article and sent it our way. The article appeared in the Feb/March issue of Smallmouth News and was written by Dr. Rodrigo Andrade. The article does not necessarily reflect views of Steve Quinn or the Smallmouth Alliance.

My dictionary defines harvest as The act or process of gathering a crop. Yet, at least to me, fish are not a crop and fishing is quite different from harvesting vegetables. The value of fishing, as Aldo Leopold pointed out long ago, is precisely that it is unlike picking carrots. It stands apart because of the possibility of wildness that it contains within, because it is free of the constancy of the harvestable, the ready-made, the givenness of the mundane. This is a fundamental quality, he argued, not found in other pursuits. It is because of this, and because I feel that this very core experience of fishing is progressively being eroded from our cultural understanding of the sport, that I am concerned by the use of the word harvest to describe the taking of fish.

The image of harvest is to gather a crop that has been planted, yet fish, at least the fish I like to fish for, are wild creatures, unplanted, other-worldly, unknowable, finny creatures of slime and bones and (often) finicky dispositions. To enter their world, to be attached for a brief moment to their lives, is the essence of fishing - and an experience very much unlike collecting carrots, even if somewhat more work. Trust me on this, I do know from personal experience. Harvest, to me, implies that the fish are a quantifiable resource, ready to be used, subjected to the same rules of maximization of return upon investment that rule our lives. It tells me that the fish are in the rivers by the grace of the managers, for our entertainment, that they are a controlled resource delivered to us by the generosity of science and taxes. But this is a distortion, a distortion of perspective that creeps into the vocabulary of fisheries personnel - as distortions tend to do in every trade or profession (mine included) - but a distortion nevertheless. Smallmouth, at least in the rivers I fish, are wild creatures, living in free flowing rivers by the force of necessity and prehistoric accident. They are no more in the rivers by the act of the fishery managers than the air we breathe by the mercy of the Clean Air Act (although I am glad that both exist).

The danger is that the use of words such as harvest give credence to this distortion of perspective, and validates the acting on it. If the fish are the resource, why not maximize it. Perhaps we should manipulate the population to have mostly big fish, to have lots of fish, to have lots of big fish, to have lots of big fish in an easily accessible place - and before too long we are constructing make-believe rivers (by parking lots of course) and stocking them with fish according to the

expected number of visitors... or better still, we are placing concrete tubs in the middle of the city, as a friend of mine reported seeing in Japan, to conveniently let people fish on their way home from work!

We of course recognize the last of these as not really fishing, but where in this hypothetical slide to fishing-hell did we lose it? Although I think this is quite an issue (I personally feel there are many different versions of fishing along this continuum), I do not think that it really does matter, for all of these ideas are perfectly rational options for resource utilization, provided that we accept the notion that the fish are a harvestable resource.

Yet, I think very few of us in the context of recreational fishing - to give it one of those horrible, sanitized, professionalized, names - think that the fish are the resource. The resource, which is not harvestable, is the opportunity to fish, the opportunity to enter the world of the fish and try to catch it, and in the process transform what is both beautiful and wild into imagination and memory.

Unfortunately these are hard to quantify items, important as they might be to fishing. So the people in charge of our fisheries would rather manage harvest, which is a lot simpler, institutionally accepted, and easier to document than managing an environment conducive to fishing. However, in the measure that we accept this, and begin to talk in terms of harvest and catch rates and demand crop fixes - more fish , bigger fish, more and bigger fish, easier accesses, more and easier accesses, more and easier accesses right on top of the really big ones - we shortchange ourselves. Generally, I find myself nowadays not really wanting a lunker behind every stump any more than a concrete pool full of fish on my way from work. What I want is the river and its inhabitants on their own terms, not a make believe, scientifically propped, bureaucratically conceived prop, full of swimming commodities, no matter how many or how big.

I believe I am not alone in this, and I suspect that this is one of the reasons why we intuitively keep asking for catch and release regulations, even when fisheries managers insist (sometimes even with data in their hands) that other regulations will be more effective in producing more or larger fish. What I want, what I think many of us want, is for the places we fish to be protected, not their fish managed. It is for these reasons that I object to using the word harvest.

MEMBERSHIP INFORMATION

If you have a '94 on your mailing label, this is your last issue of the newsletter. Please send your 1995 dues (\$7.00) to Henry Van Offlen, MDNR, PO Box 823, Detroit Lakes, MN 56601. Don't delay, do it TODAY! Send completed application to Jeff Reed at address listed below.

MINNESOTA CHAPTER 1995 MEMBERSHIP APPLICATION

Name _____

____ Work Address

Phone _____

FAX _____

EMAIL _____

____ Home Address

(Please place a check next to the address in which you would like your newsletter sent)

____ Yes, you may use my name and address in the Chapter's Membership Directory*

Are you a member of A.F.S.? ____ yes ____ no. Membership number _____

(Membership number is located on your Fisheries mailing label).

Please complete the following (it will make our membership database much more useful!)

Affiliation: _____ (D.N.R., Federal Government, Academic, Private, or Tribal)

Job Title: _____

Year joined A.F.S. _____ Year joined Minnesota Chapter _____

Students please place a check here ____

If you are a new member, list recruiting member here _____

(*Your permission is required. The information collected here is strictly confidential and for use only by the Chapter)

Send to: Jeff Reed
Membership Chair
Glenwood Area Fish
1110 North Lakeshore Drive
Glenwood, MN 56334

Attention All Students!



The American Fisheries Society Student Affairs Network

Last December, the North Central Division Student Affairs Committee of AFS agreed to set up an electronic network to foster communication amongst students within the NCD. The aim of providing this type of forum on the Internet is to increase student involvement in AFS and to foster the development of aquatic research scientists.

The Student Affairs Network (SAN) is now up and running! A "mailing list" of persons wishing access to the network has been compiled and continues to grow. Although the list functions primarily as a networking tool for discussions of aquatic science, student concerns, job and assistantship posting, and AFS activities among students within the NCD, all students or others with a genuine interest in AFS student affairs are welcome to join. At last check, over 130 people from 10 different countries are on the SAN.

To be added to the list, please address a message stating your request to:

Jeff Kopaska at: jkopaska@iastate.edu or
Mike Kaminski at: mtkamins@iastate.edu

About the American Fisheries Society

The American Fisheries Society (AFS) was founded in 1870 and is the oldest and largest professional society representing fisheries scientists. AFS promotes scientific research and enlightened management of aquatic resources for optimum use and enjoyment by the public. It likewise encourages comprehensive education for fisheries scientists and continuing on-the-job training.

AFS is comprised of society members, topic-related sections and subunits, 4 divisions (northcentral, northeastern, western, southern) and chapters within each division (eg. Iowa chapter, Minnesota chapter). Additionally, there are various special and standing committees at the chapter, division, and parent level.

AFS Publishes the Following Peer-reviewed Journals:

1. *Transactions of the American Fisheries Society*
2. *North American Journal of Fisheries Management*
3. *The Progressive Fish Culturist*
4. *Journal of Aquatic Animal Health*
5. *Fisheries* (included with parent membership)

To become a parent society member, call (301) 897-8616, or contact your chapter membership chair. Student membership rates are half the regular rate (\$34 - includes *Fisheries* and membership directory).

**EQUAL OPPORTUNITY SECTION
SEEKS,
NOMINATIONS FOR MENTORING**

The Equal Opportunities Section of the American Fisheries Society is sponsoring an award for Mentoring for Professional Diversity in Fisheries. The purpose of the award is to recognize a member of the American Fisheries Society who has contributed to increasing the diversity of our profession by assisting the professional development of fisheries students or new fisheries professionals from underrepresented groups, including women, ethnic groups, and people with disabilities.

Nominations are currently being solicited by the AFS Mentor Award Committee. Nominees must be current members of AFS. Nominators must provide:

- 1) a letter describing how the nominee encompasses the intent of the award,
- 2) a list of learning partners or mentoring activities,
- 3) a total of six supporting letters of reference, three supporting references from peers and three supporting references from learning partners, and
- 4) a biographical sketch summarizing all professional contributions and activities of the nominee.

Selection will be based on greatest demonstrated contribution towards mentoring fisheries students or young fisheries professionals from underrepresented groups. The committee believes a mentor should emulate the following.

A mentor guides and empowers a learning partner. A mentor helps to shape and promote a learning partner's career, and is in position to intervene on behalf of the learning partner. A mentor should provide help with networking and goal-setting, encouragement as well as a challenge, emotional support as well as intellectual support, and acknowledgment of accomplishments. A mentor is genuinely concerned with the success of the whole person.

Please submit nominations to Mary Louise Keefe, Oregon Dept. of Fish and Wildlife, 211 Inlow Hall, Eastern Oregon State College, LaGrande, OR 97850. Phone (503) 962-3777 or FAX (503) 962-3849. **The deadline for submission of nominations for the 1995 award is July 1, 1995.**