



RYBA

NEWSLETTER OF THE MINNESOTA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

YEAR 1999 No. 1
ANNUAL MEETING ISSUE

President's Message

by Bruce Vondracek

My term as president is rapidly drawing to a close. I am happy to report that several issues that concerned me during my term have successfully concluded or are currently in good shape. The chapter is financially solvent, significant progress was made on the items in my action agenda, an agreed upon solution has been put forward concerning stocking walleye, and two important amendments related to natural resources were passed resoundingly in the recent election.

Although, I will provide more information at the annual business meeting, I will highlight some of the issues for the past year. The chapter is very financially solvent, following: 1) a very successful continuing education workshop in January, when over 75 people participated, many from the Natural Resource Conservation Service. The workshop provided over \$4,500 and an opportunity to partner with another organization working on water resource issues, 2) an annual meeting that was relatively inexpensive and where we essentially met our expenses, and 3) a successful raffle and t-shirt sale at the

RYBA Editor: Paul Radomski
1601 Minnesota Dr, Brainerd, MN 56401
phone: (218)828-2246 fax: (218)828-6022
e-mail: paul.radomski@dnr.state.mn.us
radomski@brainerd.net

The Chapter publishes **RYBA** four times a year (Jan., May, Sept., and Nov.). Deadlines for article submission are: April 15, Aug. 15, Oct. 15, and Dec. 15. Necessary Burbot Legal Language: The views and opinions expressed herein are not necessarily those of the Minnesota Chapter. Printed on butchered trees.

annual meeting.

The action items we made significant progress are as follows: Mark Hove and Laurie Sovell have planned what I think will be another interesting workshop to take place just prior to the Tri-State meeting on 5 January. Please plan to attend if you can.

Paul Radomski has been working with the folks from Wisconsin and Iowa on the Tri-State meeting, it too should be an interesting event (see more highlights in this newsletter).

At the 1998 annual meeting the chapter membership voted to petition membership in the Fish and Wildlife Legislative Alliance. The mission of FWLA is to initiate and influence legislation and regulations concerning fish and wildlife resources for the purpose of maintaining and enhancing traditional use of these resources for present and future generations. The FWLA views its role as the voice on fish and wildlife issues to the Minnesota legislature. Our petition was accepted and the chapter became a full member, with two board members, in March. The FWLA and the chapter worked diligently and successfully to defeat legislation that would have mandated that the Minnesota DNR double the stocking intensity of walleye without any additional revenues distributed to the DNR.

The chapter also voted to send a representative to the Fishing Roundtable, which has state-wide representation of fishing groups, designed to insure strong public support for management based on sound science. The walleye stocking issue was a major item of discussion in the Roundtable. Additional stocking will take place in several selected lake, with a provision for ongoing monitoring. The stocking issue was at least resolved in

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Quote of the Issue

Special advice to all the newly Elected: "I think we are challenged as mankind has never been challenged before to prove our maturity and mastery, not of nature, but of ourselves." Rachel Carson, Biologist

"The line of least resistance was always the most difficult line in the long run." Peter Cheyney

principle. The DNR has indicated that more stocking will occur in some lakes, which satisfied the most vocal opponents to the previous program, but reserves the right to stock on an individual lake basis. The issue now awaits a vote in the upcoming legislative session to approve the additional funds required to meet the goals of the accelerated stocking plan.

Henry VanOffelen, Tim Schlagenhaft, Julie Westerlund and Jamie Wendel made presentations at the State Water Planner's Conference in Crookston, Minnesota in July. Chapter members that presented felt that this was a worthwhile effort and we should look for this type of opportunity to interact with, and educate, others that manage natural resources. My thanks to Dennis Topp for his follow through with the conference after the untimely departure of Paul Glander.

Other activity:
The chapter voted to support an amendment to the constitution of the

State of Minnesota to ensure the 'heritage to hunt and fish' and worked with the Fish and Wildlife Legislative Alliance to solicit voters to go to the polls and support the amendment. The amendment passed. The other important amendment considered this year was the Environmental Trust Fund, it too passed. The chapter, however, failed to endorse the current Governor-elect, Jesse Ventura.

The chapter is also working with the Fish and Wildlife Legislative Alliance to try to initiate additional monetary support for the Minnesota DNR through a portion of the state sales tax. The plan is to use the model developed in Missouri and Arkansas.

Our election for new officers is currently underway and will be announced at the upcoming Tri-Chapter meeting. Hope to see you all at the annual meeting.

Committee Reports

Continuing Education Committee - by Mark Hove and Laurie Sovell

Our next course will explore the interesting world of ethics. Lively discussions on this topic have recently arisen in Fisheries and at national society meetings. Last year the parent society revised its code of professional ethics. Please come and participate in this exciting workshop. A representative from Public Employees for Environmental Responsibility (PEER) will participate in the workshop, and will be available to discuss the organization. PEER is a national non-profit alliance of local state and federal resource professionals dedicated to upholding environmental laws and values. See details elsewhere in **RYBA**, and register now for this very interesting workshop.

Nomination Committee - by Melissa Drake

Please vote for new officers. The ballot was in the last issue of **RYBA**. Ballots must be received by the annual meeting.

Rivers and Streams NCD Rep -

by Dennis Topp

The NCD Rivers and Streams Technical Committee will be meeting on December 6 in Cincinnati, in conjunction with the Midwest Fish and Wildlife Conference. I plan to attend the meeting. I will be contacting many of you in late November to ask for updates on river/stream happenings in your area of expertise. I will include this information in my report to the Committee. I encourage anyone who is involved in river and stream work, including graduate students, researchers, managers, etc., to keep me informed about ongoing work/issues.

Minutes of Chapter Meetings

ExCom Meeting - October 8, 1998

Present: B. Vondracek, K. Stauffer, L. Bylander, M. Drake, J. Westerlund, R. Bruesewitz, P. Radomski, L. Miller, D. Kingsley, M. Hove.

Meeting called to order by Bruce Vondracek, President

Agenda Approved

1. Annual Action Agenda Update - Vondracek

Item 1 - Sponsor continuing education courses. Discussion deferred to later in agenda.

Item 2 - Organize a tri-state meeting with Wisconsin and Iowa. Discussion deferred to later in agenda

Item 3 - Develop and publicize a position paper on fish stocking. No status report for this meeting. Vondracek will contact Larry Kallemeyn and Tom Jones for progress report.

Item 4 - Become more involved in the development of public policy affecting fish and fisheries. The Minnesota Chapter has joined the Fish and Wildlife Legislative Alliance (FWLA). Vondracek and Don Pereira have been attending FWLA meetings and are representing us as voting members. Issues that have been discussed that affect fisheries and natural resource management include: walleye stocking, funding for resource management agencies, Minnesota's

environmental trust fund, and the proposed Constitutional Amendment for hunting and fishing in Minnesota.

FWLA action in recent meetings has included:

Opposed legislative mandates that would force the MNDNR to stock walleye according to a prescribed number or poundage. A resolution was passed and sent to Sen. Laidig, who is the co-chair of the Senate subcommittee studying the walleye stocking issue in Minnesota. In addition, Vondracek and Tim Goeman sent a letter on behalf of the Minnesota Chapter that also stated opposition to any such mandate from the legislature.

Voted in support of the Constitutional Amendment concerning the right to hunt and fish in Minnesota. Further discussion for the ExCom was deferred to later in the meeting.

Voted to support the full funding of the Environmental Trust Fund (from lottery proceeds).

Item 5 - Articles highlighting fisheries as a profession. No action since last meeting. Members are encouraged to develop ideas and articles.

Item 6 - Plan and coordinate a Rivers, Watersheds and Fisheries workshop in NW Minnesota. A workshop was put on by MN AFS at the Local Water Planners conference this year in Crookston.

Dennis Topp, Henry VanOffelen, Julie Westerlund, Jamie Wendel and Tim Schlagenhaft. Presentations were well received by those that attended.

Attendance was lower than expected, largely due to the concurrent session format. Chapter members that presented felt that this was a worthwhile effort and we should look for this type of opportunity to interact with, and educate, others that manage natural resources.

Item 7 - Restructure AFS display. Deferred to committee reports.

Item 8 - Publish Action Agenda in Newsletter. Done.

2. President's Report

Vondracek attended Board of Governors meeting in Hartford. First action was to consider the resignation of Paul Brouha. A long discussion, in closed session, resulted in the acceptance of his resignation. Bob Kendell was appointed as acting director.

Board also discussed the Fishable Waters Act which would be an amendment to the Clean Water Act. AFS has been a mover in the attempt to make this legislation move forward. It would redirect more federal dollars to state and local resource agencies and give local water districts more authority to enact management to reduce sediment, improve water quality, etc.

AFS 2000 currently has about \$400,000 of the \$1.5 million dollar goal. They are actively seeking donations from foundations and other sources. It is hoped the goal will be met and this fund will be used to support publication of books.

Other notes from the board meeting: Page charges for all AFS journals will be phased out over the next three years. A conflict of interest section will be added to the Guide for Authors in all journal publications. Membership survey has been completed and will be published in an upcoming issue of Fisheries. National office is going to use new software to track members and send renewals. This will benefit our efforts to keep the Chapter membership up to date. The new certification process has been finalized. Human use of fishes policy was passed. Parent society and North Central Division are currently revising strategic plans.

3. Committee Reports

Treasurer - Stauffer reported that the current balance in the checking account is \$5,558.10 as of October 7, 1998. Account activity has been minimal for a few months, so this balance reflects cash on hand. Major income categories this year included the Annual Meeting (\$4,181), chapter dues (\$1,463), continuing education (\$7,073) and t-shirts sales (\$1,779). Major expenses were the Annual Meeting (\$4,395), FWLA dues (\$1,000), newsletter printing and postage (\$763), R. Frie Endowment (\$1,000), t-shirts (\$1,592) and watershed workshop expenses (\$2,778). The Certificate of Deposit will have an estimated balance of \$11,000 when it matures in December. An audit of the Chapter books was done,

as prescribed by Chapter bylaws, by Mark Cook. All records were found to be in order. Motion was made to approve the treasurers report and audit. Passed by unanimous vote. Vondracek reminded ExCom that we had agreed to forward 20% of our proceeds of the watershed workshop to the Soil and Water Conservation Society. Mark Hove will provide treasurer with this amount. President elect - Paul Radomski reported that planning for the tri-state meeting is well underway and will be held at the Yacht Club resort in LaCrosse. All information for this meeting will be published in Chapter newsletters. Continuing Education - Hove reported that a questionnaire was sent out to randomly sample Chapter members for topics at the upcoming continuing ed workshop on Ethics and Professionalism. They will try to tap outside interests to attend this workshop and also members of Wisconsin and Iowa chapters. ExCom Reports - Federal (no report), DNR (no report). Academic: Loren Miller asked ExCom if a card should be sent to Dr. Tom Waters as he recuperates from an illness. A card was circulated for signatures and sent to Dr. Waters on behalf of the Chapter. Open: Rick Bruesewitz reported that the Mille Lacs treaty case will be heard in the U.S. Supreme Court. There are three issues left that can be argued. Awards - Julie Westerlund reported she has not received any nominations to date for the Award of Excellence. One nomination has been received for the Special Recognition award. She is looking for volunteers to judge papers at the annual meeting.

Membership - Doug Kingsley reported that there are currently 208 paid chapter members and only 167 (77%) have sent in their renewals. Nominations - Melissa Drake reported she has received one nomination for President, two for Secretary/Treasurer and one for ExCom-Academic. Procedures Manual - Parsons forwarded report to Vondracek, has been working on some minor language changes and will bring forward at Annual meeting. Public Awareness - Linda Bylander reported that the AFS display is being

restructured with help from Steve Quinn. Students - Carl Reitz is working on increasing participation of students from outside U of M. Also is looking for ideas/help in getting donations for raffle at annual meeting.

No reports from Resolutions, Fisheries Information Network, Long Range Planning or Rivers and Streams.

4. Old Business

It has been suggested that we try to put up some information in the new Cabela's store in Owatonna. Linda Bylander will make the contact to see if this is a possibility.

Linda Erickson-Eastwood has asked permission to sell items at the Annual meeting and split proceeds between DNR and MN AFS. Motion to approve was voted on and passed unanimously.

5. New Business - Vondracek initiated discussion on the proposed Constitutional Amendment concerning the right to hunt and fish in Minnesota. During FWLA meetings, Vondracek and Pereira abstained from voting on this issue, because their had not been enough discussion with Chapter members or ExCom. FWLA did vote to support of this Amendment. MN AFS was approached by the Minnesota Outdoor Heritage Association (MOHA) to list the Chapter as an organization that supported passing the hunt & fish amendment. Vondracek asked the opinion of ExCom members as to whether it would be appropriate to allow MOHA to use the Chapter name in a published list of organizations in support. A lengthy discussion ensued. Although their was some individual opinions that the amendment could work against resource management, it was generally agreed that it would be appropriate for MOHA to list the Chapter as in support of the Amendment. Rationale: Given that the Chapter is a member of FWLA, and FWLA supports the amendment, we have already attached ourselves to a group that is in support, even though we abstained from voting.

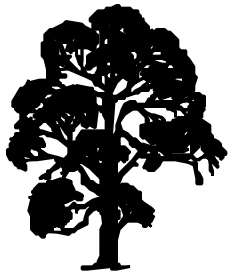
It was suggested that the Chapter allow student membership at no cost. After a brief discussion it was moved, voted on, and approved that the Chapter allow free memberships to students. Vondracek will forward idea to Procedures chair and proceed as needed.

Question was raised whether a resolution from the Chapter would be in order in regard to the proposed bridge construction over the St. Croix River at Stillwater. ExCom agreed we should forward this idea to Resolutions committee. If a resolution is drafted, it will be presented at the annual meeting.

Meeting adjourned.

Division Technical Committees

See May **RYBA** for summer meeting dates.



Upcoming Events

January 5-7, 1999. Minnesota Chapter Annual Meeting (to be held jointly with Wisconsin and Iowa Chapters). Yacht Club Resort, LaCrosse, Wisconsin. See details in this issue of **RYBA**

February 1-5, 1999. Limnology and Oceanography: Navigating into the next century. The American Society of Limnology and Oceanography. Contact: Helen Schneider Lemay, 800.929.ASLO, business@aslo.org

March 2-4, 1999. International Symposium on Geographic Information Systems (GIS) in Fishery Sciences. Seattle, Washington. Contact William L. Fisher, Oklahoma Cooperative Fish and Wildlife Research Unit, email: wfisher@okway.okstate.edu, Tel: 405.744.6342

March 15-16, 1999. Population Viability Analysis: Assessing Models for Recovering Endangered Species. San Diego, CA. at the Town and Country

Hotel in Mission Valley. Contact William Hull (510.465.4962; whull@cgbd.org) or visit the conference web site at <http://www.cccweb.com/tws-west/pva>.

April 22-23, 1999. Mississippi River Research Consortium Annual Meeting. Yacht Club Resorts, La Crosse, WI. Contact Dr. Richard V. Anderson, Western Illinois University, Department of Biological Sciences, Waggoner Hall, Room 381, Macomb, Illinois 61455; (309) 298-1553; randerson@cmail.wiu.edu; <http://www.emtc.usgs.gov/mrrc.html>.

April 26-30, 1999. 9th International Conference on Aquatic Nuisance Species. Duluth, Minnesota. Duluth Entertainment and Convention Center. Hosted by Minnesota SeaGrant. Contact Elizabeth Muckle-Jeffs at 1.800.868.8776.

May 9-14, 1999. 15th International Symposium on Biotelemetry. Juneau, Alaska. The Conference is sponsored by the International Society on Biotelemetry (ISOB) and is hosted by the U.S. National Marine Fisheries Service, Auke Bay Laboratory. Contact: 15th ISOB Organizing Committee, P.O. Box 35205, Juneau, Alaska 99803, 907.789.6033, Fax 907.789.6094, e-mail: john.eiler@noaa.gov www.indstate.edu/isb/

May 23-27, 1999. Wilderness Science in a Time of Change. Missoula, Montana. Contact Clare Kelly 888.254.2544, ckelly@selway.umt.edu

May 25-28, 1999. North American Benthological Society's 47th Annual Meeting. Duluth, Minnesota. Contact: Carl Richards 218.720.4332, www.benthos.org

July 12-16, 1999. 3rd International Symposium on Ecohydraulics. Salt Lake City, Utah. See www.conference.usu.edu/ecohydraulics for more information.



Contributions: Letters and Commentary

Mississippi River Research Consortium (MRRC) by Brent Knights

The Mississippi River Research Consortium (MRRC) is a private, non-profit organization of scientists, natural resource managers, educators, and students, as well as individuals from the general public who seek to exchange current information concerning the water and land resources of the Mississippi River basin and factors that influence them.

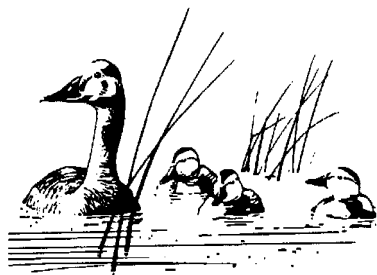
The MRRC's 31st Annual Meeting, to be held April 22-23, 1999, in La Crosse, Wisconsin, presents a great opportunity for members of the Minnesota Chapter of the American Fisheries Society to interact with our membership and learn more about or share current research, management, and public policy issues regarding a diverse array of the Mississippi River basin's natural resources (including fish) and heritage. Therefore, I would like to extend an invitation to you and other AFS Chapter members to attend our upcoming meeting.

More information concerning our organization and the upcoming meeting can be found on the MRRC Homepage (<http://www.emtc.usgs.gov/mrrc.html>).



Interesting Articles and Publications

Read something interesting lately? Please submit the title and your thoughts.



Editorial

The editor invites insightful comments and opinions for guest editorials.



Of Interest

The American Fisheries Society seeks an Executive Director for its international headquarters in Bethesda, Maryland. The Society is a nonprofit, 128-year-old scientific and professional association of 8,500 members, 25 staff, and \$2.5 million annual budget whose mission is to improve the conservation and sustainability of fisheries resources and aquatic ecosystems. The Executive Director is responsible for managing central operations, supporting member initiatives, fund-raising, promoting fisheries conservation and aquatic stewardship, and advancing fisheries professionalism. This individual reports to a Governing Board of elected members; implements Board policies in concert with members, other nongovernmental organizations, and government agencies; and acts as a public spokesperson for the Society. Candidates should have broad knowledge of fisheries, aquaculture, and aquatic resource issues; at least 15 years professional experience in natural resource positions of progressively increasing responsibility; excellent organizational, interpersonal, and communication skills; and experience in governmental relations. An advanced

degree in natural resources or related fields is highly desirable, and certification in association management is desirable. Salary and benefits commensurate with experience. Closing date: January 14, 1999. Request an application package from R. L. Kendall, American Fisheries Society, 5410 Grosvenor Lane, Suite 110, Bethesda, Maryland 20814; fax 301.897.8096; e-mail executive@fisheries.org.

Early Life History Biologists--Time to start thinking about the next annual Larval Fish Conference (Early Life History Section of the American Fisheries Society. This one will finally be held in the early spring rather late spring/early summer to help avoid conflicts with the field season for many members. It will be held April 6-11, 1999, at NMFS facilities in Beaufort, North Carolina (Technical sessions on April 7-10). Abstracts are due February 1, 1999 and the organizers are still open to symposium/topical session ideas--contact Dr. Jon Hare (<Jhare@hatteras.bea.nmfs.gov>). Student travel grants will be available--interested students should pursue such as soon as possible. See the AFS-ELHS web page for details (<http://www.eos.ubc.ca/afs_early/index.html>). If you are not already an ELHS member or have let membership lapse, please consider joining or renewing membership. Dues are just \$10/year whether joining as a regular AFS member with voting privileges or as an affiliate member. The Section Newsletter (3 issues per year) is worth the cost alone. Again see the web page for details on membership.

The Society for Conservation Biology will hold its 1999 annual meeting 17-21 June at the University of Maryland, in College Park, MD (just outside Washington, D.C.), hosted by the graduate program in Sustainable Development and Conservation Biology and the Smithsonian's Institute for Conservation Biology. A grant from NASA will subsidize travel to the meeting for graduate students (and there will be a reduced registration fee for graduate students). There will also be

awards for the best student paper and poster. For details, see the meeting home page www.inform.umd.edu/SCB. Note that the deadline for submitting abstracts is 21 January.



News from Around the World Submitted by John Fields and others

The United Nations Population Information Network (POPIN) recently released the 1998 revised estimates and projections for the world population, which currently stands at 5.9 billion and expands at 1.33 percent per year (about 78 million). The web site below offers a briefing packet which highlights all of the major findings of the 1998 revision with text and tables. POPIN reports a declining global fertility rate, but perhaps their most striking finding concerns the effect of AIDS/HIV on African population rates, especially in sub-Saharan countries such as Botswana and Zimbabwe, where one in four and one in five adults respectively are infected. <http://www.popin.org/pop1998/>

Ecoregions of the United States--USFS http://www.fs.fed.us/land/ecosysmgmt/ecoreg1_home.html
Ecological Subregions of the United States--USFS <http://www.fs.fed.us/land/pubs/ecoregions/>

The electronic (interactive) version of a 1994 publication by the US Forest Service (USFS), these companion sites are based on the National Hierarchical Framework of Ecological Units, designed to provide "a standardized method for classifying, mapping, and describing ecological units" in the US. The first site, "Ecoregions of the United States," contains three simple color maps of the United States (including Alaska, Hawaii and Puerto Rico) showing generalized

ecological boundaries. At the coarsest spatial scale, the Ecosystem Domains map delineates Dry, Humid Temperate, and Humid Tropical Domains. At the intermediate scale, an Ecosystem Divisions map delineates more than a dozen ecosystem types, ranging from tundra to rainforest. At the finest scale, over 50 Ecosystem Provinces are delineated. By clicking on a color type for any map (i.e., an ecosystem type), users may access further information on the abiotic and biotic characteristics within that ecosystem. A companion site, Ecological Subregions of the United States, contains the biophysical descriptions for the color-coded maps. This is a solid resource for anyone seeking broad ecosystem classifications for the United States.

Canadian Fishing in U.S. Waters. On Oct. 19, 1998, a Port Stanley, Ontario, commercial fishing business and its owner were charged in U.S. District Court in Cleveland, OH, with violating the Lacey Act and illegally catching perch and other fish in U.S. waters of Lake Erie in November/December 1997. A trial date has not yet been set. [Assoc Press, U.S. Fish and Wildlife Service press release]

Brook Trout Protection. In mid-October 1998, U.S. District Court Judge Charles Moye issued a temporary restraining order barring timber harvest along Bakers Branch in the headwaters of the Chattahoochee River in Chattahoochee National Forest, near Batesville, GA, pending a hearing on a lawsuit charging the U.S. Forest Service violated federal law by failing to consider the impact of timber harvest and road construction on brook trout is scheduled for late October 1998. [Assoc Press]

Integrated Science Workshop
The Ecological Society of America (ESA), the Geological Society of America (GSA), and the U.S. Geological Survey (USGS) sponsored a workshop to develop strategies for enhancing the conduct of integrated science. The workshop, entitled "Enhancing Integrated Science," was aimed at identifying and facilitating the social, scientific, and

administrative environments that lead to successful collaborative scientific efforts. The focus of the workshop was on validating the utility and advantages of interactions across the disciplines. Participants, representing a range of perspectives in the scientific community, developed a set of principles that can be used to guide integrated scientific efforts. In addition, recommendations were developed to enhance and promote collaborative, integrated scientific efforts at both the USGS and in the broader scientific community. Results of the workshop will be posted on both USGS (www.usgs.gov) and ESA (<http://esa.sdsc.edu>) web sites. Watch the ESA Homepage for further information.

UT Reservoir Draining. On Oct. 29, 1998, Porcupine Reservoir on the east fork of Little Bear River near Avon, UT, was drained for dam repairs, with insufficient notice to the UT Div. of Wildlife Resources to manage a resurgent kokanee salmon stock. Adult kokanee are likely to die, spawned fish will not have a reservoir into which they can migrate, and an anticipated banner ice-fishing season will be lost. Although dam repair had been planned for several years and was not scheduled for at least two more years, the \$4.8 million project was begun because its engineering work was completed while other projects were not ready. [Assoc Press]

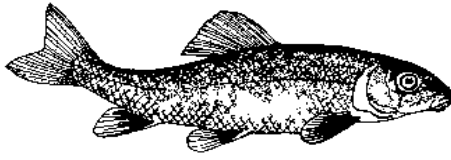
The first electronic issue of "Remotely Wild," the newsletter for the GIS/RS and Telemetry Working Group of The Wildlife Society, is now online! Peruse the various articles, check out links to related sites, or download the newsletter in PDF format. Members and non-members can learn about the activities and events for this working group. Point your browser to http://fwie.fw.vt.edu/tws-gis/newsletter/nov_98/frames.html. The main page of the working group is located at <http://fwie.fw.vt.edu/tws-gis/>

Germany---The Social Democrats and the Green Party agreed last month to raise energy taxes in order to finance a cut in levies for social welfare programs. The coalition is now split over the planned

increases as Environmental Minister Jurgen Trittin "insisted...there could be no general exception from ecological taxes" for business, as was being pushed by Economic Minister Werner Muller. Some Greens are also challenging a proposed 4 cent per liter increase on gasoline prices, and instead want a 6.5 cent increase.

Tritium levels high in Severn Estuary Seafood--Recent surveys have found high levels of tritium in sediment and mollusks at the bottom of the Severn Estuary. Flounder, sole and mussels in Britain's largest estuary are contaminated with levels of radioactive tritium hundreds of times higher than expected, according to a story in the Oct. 31 issue of New Scientist. This means that people eating fish from the Severn Estuary could receive a quarter or more of internationally accepted dose limits from this source. Tritium is discharged into the Severn Estuary by a factory in Cardiff run by Nycomed Amersham to make isotopes for the pharmaceuticals industry. Scientists working for the British government had assumed, based on advice from the United Nation's International Atomic Energy Agency in Vienna, Va., that the concentrations of tritium per kilogram of fish in the area would be roughly the same as those in each liter of seawater. But scientists at Britain's Ministry of Agriculture, Fisheries and Food have found that this assumption was mistaken. Although levels of tritium in the seawater are less than 100 becquerels per liter, those in flounder, sole and mussels were hundreds of times higher. Flounder contained 37 800 becquerels per kilogram earlier this year.





On the Underside

submitted by Charles Anderson,
Dennis Schupp, and others

Dilbert's Words of Wisdom

1. I can please only one person per day. Today is not your day. Tomorrow, isn't looking good either.
2. I love deadlines. I especially like the whooshing sound they make as they go flying by.
3. Am I getting smart with you? How would you know?
4. I'd explain it to you, but your brain would explode.
5. Someday we'll look back on all this and plow into a parked car.
6. There are very few personal problems that cannot be solved through a suitable application of high explosives.
7. Tell me what you need, and I'll tell you how to get along without it.
8. Accept that some days you're the pigeon, and some days you're the statue.
9. Needing someone is like needing a parachute. If he isn't there the first time you need him, chances are you won't be needing him again.
10. I don't have an attitude problem. You have a perception problem.
11. Last night I lay in bed looking up at the stars in the sky and I thought to myself, "Where the heck is the ceiling?!"
12. My Reality Check bounced.
13. On the keyboard of life, always keep one finger on the escape key.

14. I don't suffer from stress. I'm a carrier.

15. You're slower than a herd of turtles stampeding through peanut butter.

16. Do not meddle in the affairs of dragons, 'cuz, like, you are crunchy and taste good with ketchup.

17. Everybody is somebody else's weirdo.

And,

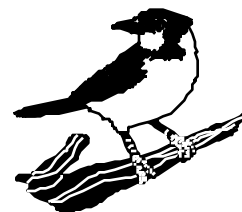
18. Never argue with an idiot. They drag you down to their level then beat you with experience.

A magazine recently ran a "Dilbert Quotes" contest. They were looking for people to submit quotes from their real-life managers. Here are some of the submissions:

1. "As of tomorrow, employees will only be able to access the building using individual security cards. Pictures will be taken next Wednesday and employees will receive their cards in two weeks."
2. "What I need is a list of specific unknown problems we will encounter."
3. "E-mail is not to be used to pass on information or data, it should be used only for company business."
4. "This project is so important, we can't let things that are more important interfere with it."
5. "Doing it right is no excuse for not meeting the schedule. No one will believe you solved this problem in one day! We've been working on it for months. Now go act busy for a few weeks and I'll let you know when it's time to tell them."
6. "Teamwork is a lot of people doing what I say."
7. "We know that communication is a problem, but the company is not going to discuss it with the employees."

Real Newspaper Headlines:

1. Something Went Wrong in Jet Crash, Expert Says
2. Police Begin Campaign to Run Down Jaywalkers
3. Safety Experts Say School Bus Passengers Should be Belted
4. Farmer Bill Dies in House
5. Iraqi Head Seeks Arms
6. Panda Mating Fails, Veterinarian Takes Over
7. Teacher Strikes Idle Kids
8. Squad Helps Dog Bite Victim
9. Shot Off Woman's Leg Helps Nicklaus to 69
10. Plane Too Close to Ground, Crash Probe Told
11. Miners Refuse to Work after Death
12. Juvenile Court to Try Shooting Defendant
13. Stolen Painting Found by Tree
14. War Dims Hope for Peace
15. Red Tape Holds Up New Bridge
16. Deer Kill 17,000
17. New Study of Obesity Looks for Larger Test Group
18. Local High School Dropouts Cut in Half



**Tri-Chapter AFS Meeting
January 5-7, 1999
Yacht Club Resort
529 Park Plaza Drive
La Crosse, Wisconsin**

Our next Chapter Annual Meeting will be a great event with over 50 presentations. Please plan on attending this unique Tri-Chapter AFS Meeting. Wisconsin, Minnesota, and Iowa Chapter members will meet in the backwaters of the Mississippi River for scientific presentations on fish and other aquatic resources. The Wisconsin Chapter celebrates its 28th Annual Meeting, and Minnesota its 32nd. \$45 will cover all breaks, two social mixers, the Wednesday evening banquet and Thursday's lunch. Lodging reservations can be made at the Yacht Club (\$62/double/night, \$52/single/night; 608.784.9500; ask for special AFS conference rate). Make your reservations by December 18th--we reserved a block of rooms under 'AFS' until that date. Ramada Yacht Club Resort is located one mile west of downtown LaCrosse on Highway 14/61.

Tentative Schedule:

January 5th, 1999, Tuesday

Continuing Education Workshop - *The Fine Lines of Ethics: Ecology, Money, Tradition and Conscience*
(sponsored by the Minnesota Chapter)

11:00 - 5:30: Mississippi Room

Evening Registration and Social - Lower Concourse

6:00 - 12:00 pm social mixer with beer and snacks in the Lower Concourse

January 6th, 1999, Wednesday

8:00 - noon: Registration (hall adjacent to meeting rooms)

8:30 - Welcome and Announcements (Concurrent Sessions; **A**-Mississippi Room, **B**-Pettibone Room)

8:40

A - Management of Two Reclaimed Lakes with Experimental Regulations, *Paul Diedrich*

B - Influence Of Urban Land Use on Stream Habitat and Fish Communities in Southeastern Wisconsin, *Lizhu Wang, John Lyons, and Paul Kanehl*

9:00

A - Evaluation of a 40 Inch Minimum Length Limit for Muskellunge in Northern Wisconsin, *Steve AveLallemant and Terry Margenau*

B - Obtaining a holistic perspective of fish-community/habitat-associations in rivers using radio-telemetry, *Gary L. Siegwarth and Greg Simmons**

9:20

A - Evaluation of the Impact of a Smallmouth Bass Catch-and-Release Regulation on Maquoketa River Anglers, *Bill Kalishek*

B - Assessing the Biotic Integrity of Fish Assemblages in Coldwater and Warmwater Streams in Southeastern Minnesota, *Neal Mundahl*

9:40

A - Overexploitation of a Minnesota Yellow Perch Fishery: Modeling Bag Limits, *Melissa Drake, Paul J. Radomski, Donald L. Pereira, and Gerry Albert*

B - The Effect of Low-Head Dams on Habitat and Species Diversity in the Tributaries of the Great Lakes, *Jon Goldstein*

10:00 - 10:20: Break

10:20

A - open room

B - Hierarchical Organization as a Framework for Examining Coarse Woody Debris Dynamics in Low Gradient, Midwestern Streams, *Lucinda B. Johnson, Goerge E. Host, C. Richards*

10:40

A - Development of a Cooperative Fishery in the Minnesota 1837 Ceded Territory, *Carl D. Reese*

B - Stream Fish Distribution, Community Structure, and Habitat in Relation to Land Use, Geology, and Geomorphology in Southeastern Minnesota, *Kristen L. Blann and Bruce Vondracek*

11:00

A - Effects of Water Temperature on the Catchability of Age-0 walleye in Minnesota using Electrofishing Gear, *Brian D. Borkholder and Bradford G. Parsons*

B - Modeling the Impact of Riparian Management on Temperature in a Marginal Trout Stream in Southeastern Minnesota, *Kristen Blann and Julia Frost**

11:20

A - Wisconsin's Safe Harvest System for Walleye Spearing Quotas and Angling Bag Limits, *Ruth King*

B - Effects of Urbanization on Benthic Macroinvertebrate Communities in Southeastern Wisconsin, *Kristine F. Stepenuck and Ronald Crunkilton*

11:40

A - Predicting Walleye Harvest and Setting Regulations for Angling at Mille Lacs Lake, Minnesota, *Richard E. Bruesewitz and Paul J. Radomski*

B - The Metro Trout Stream Watershed Protection Initiative, *Julie Westerlund, Kevin Bigalke, Jason Moeckel, and Tiffanie Rosine*

12:00 - lunch on your own

1:20

A - Preliminary Results of Wild (Feral) Brown Trout Stocking in Northeast Wisconsin Streams, *Lee Meyers, Russ Heizer, Ross Langhurst, Al Niebur, Steve AveLallemant and Pete Segerson*

B - Larval and Juvenile Fishes of the Red River, *Maija Meneks and Bruce Vondracek*

1:40

A - Species and Size Distribution of Brook Charr and Brown Trout in a Small Wisconsin Stream, *Brian Berner, Timothy Ehlinger, Tom Slawski, and Caroline Campbell*

B - Fisheries Management in the Red River Basin: Resolving Conflict?, *Henry VanOffelen*

2:00-2:20: Break

2:20

A - open room

B - Watershed Approach to Fish Management in Lake Ahquabi, *Chris Larson*

2:40

A - Chinook Salmon Management in Minnesota: A Second Chance, *Donald R. Schreiner, Stephen D. Morse and Theodore N. Halpern*

B - Watershed Analysis and Fish Management Implications, *Mark Richardson and Larry Mitzner*

3:00

A - Estimating Adult Lake Trout Mortality in Northwestern Lake Michigan, *Patrick J. Schmalz, Michael J. Hansen, Mark E. Holey, Patrick C. McKee, Michael L. Toneys*

B - Alkalinization of a Wisconsin Lake by Groundwater Addition Fails to Decrease Mercury Concentrations in Fish, *James G. Wiener, Bradley E. Frazier, Ronald G. Rada, Paul J. Garrison, Sandy Engel*

3:20

A - Assessing Seasonal Shifts in Energy Density of Sea Lampreys: Implications for Refining an Energetics Model of Feeding and Growth, *Jay Y. Hodgson and Philip A. Cochran*

B - The Plan for Evaluating a Summer Drawdown on Pool 8, Upper Mississippi River, *Barry L. Johnson and Joseph H. Wlosinski*

3:40

A - Competition Between Ruffe (*Gymnocephalus cernuus*) and Yellow Perch (*Perca flavescens*) in Experimental Mesocosms, *F. G. Henson and R. M. Newman*

B - Effects of Aquatic Plant Manipulation on Angling and Fish in Fish Lake, Dane County, Wisconsin, *Jean M. L. Unmuth, Michael J. Hansen, and Thomas D. Pellett*

Poster Session - Lower Concourse (talk with Authors at breaks)

Hosts and Host Attracting Behaviors of Five Upper Mississippi River Mussels, *Mark C. Hove, Jennifer E. Kurth, Dave J. Heath, Ronald L. Benjamin, Mark B. Endris, Rhonda L. Kenyon, Anne R. Kapuscinski, Katie R. Hillegass, Tom W. Anderson, Vanessa E. Pepi, and Cindy J. Lee*

Toxic Response and Avoidance Behavior of Round Goby (*Neogobius melanostomus*) Exposed to Selected Management Chemicals, *Nancy J. Spanjers, Theresa M. Schreier, Mike A. Boogaard, and Verdel K. Dawson*

Summary of Chloramine-T Efficacy Call-in Data to Prevent or Control Bacterial Gill Disease on Fish, *Theresa Schreier, Verdel K. Dawson, and William H. Gingerich*

Fish Assemblage in Composition in the Lower Fox River, Wisconsin, as Revealed by a Sea Lamprey Assessment Trap, *Troy Vannieuwenhoven*

4:00 - 5:00: Chapter Business Meetings (Mississippi and Pettibone Rooms)

5:00 - 7:00: Social mixer

6:30 - 8:00: Banquet with Awards and Presentation by **Dr. Calvin Fremling**, Professor Emeritus, Winona State University; present affiliation: Aquatic Ecologist, Resource Studies Center, St. Mary's University, Winona. The title of his talk is "The Upper Mississippi River in Ancient and Modern Days." Come enjoy good food, company, and listen to a great talk. Major auction and raffle will follow the banquet presentation. Lower Concourse.

January 7th, 1999, Thursday (Concurrent Sessions in late morning with Pettibone Room open for adhoc meetings and discussions early in the morning; **A**-Mississippi Room, **B**-Pettibone Room)

8:00

A - A Configurable Semi-Individual-Based Walleye Model (Software Demonstration), *Jingyin Li, Yosef Cohen, and Ira R Adelman*

B - open room

8:20

A - Factors Affecting Growth of Walleye in Escanaba Lake, Wisconsin, *Justine R. Newby, Michael J. Hansen, Michael A. Bozek, and Steven P. Newman*

8:40

A - Walleye Population Trends in Stocked Minnesota Lakes, *Peter C. Jacobson and Dennis H. Schupp*

9:00

A - Characteristics of the Fisheries of Stocked vs. Naturally-Reproducing Walleye Lakes in Northern Wisconsin, *Steve Hewett and Tim Simonson*

9:20

A - Effects of Discontinuing Walleye Stocking on Fish Populations in Lake Thirteen, Minnesota, *Rodney B. Pierce and Cynthia M. Tomcko*

9:40

A - Evaluation of Walleye and Saugeye in Two Iowa Lakes, *Kay Hill*

10:00

A - A Different Approach to the Evaluation and Implementation of Fertilization Regimes for Larval Walleye Rearing Ponds, *Charles C. Mischke and Joseph E. Morris*

B - Working with What We Have to Identify What We Still Need: An AFS Review of Fisheries Education Materials for Youth, *Linda Erickson-Eastwood*

10:20

A - Nutrient Mechanisms Related to Plankton Community Structure in Fish Culture Ponds, *Joseph E. Morris, Charles C. Mischke, and Paul V. Zimba*

B - Environmental Factors Related to Panfish Structure and Abundance in Nebraska Sandhill Lakes, *Craig Paukert, David Willis, and Joel Klammer*

10:40

A - Effects of Ram-Air Ventilation During Transportation on Water Quality and Physiology of Walleye Fingerlings, *James A. Forsberg, Robert C. Summerfelt, and Bruce A. Barton*

B - Observations on the Iowa's Statewide Creel Survey, *Donald R. Kline*

11:00

A - Survival of Stocked Walleye Fingerlings in Wisconsin Lakes, *Jeffrey M. Kampa, Martin J. Jennings, and Gene R. Hatzenbeler*

B - Biochronological Assessment of Community Dynamics in the Red Lakes of Minnesota, *Joseph Ostazeski and George Spangler*

11:20

A - Overwinter Survival of Stocked Walleye Fingerlings, *Brad Parsons and Jeffrey R. Reed*

B - Fish and Zooplankton in Minnesota Bass-Panfish Lakes: from Trophic Theory to Research Reality, *Julie Westerlund, Peter Jacobson, Henry Van Offelen, and Jodene Hirsch*

11:40

A - Pieces of the Walleye Recruitment Puzzle for Minnesota's Large Lakes, *Don Pereira*

B - Evaluation of Tournament-Mortality during a Late-Spring Walleye Tournament at Lake Rathbun, *Mark Flammang*

12:00 - Lunch provided (included in registration). Final raffle will be held during lunch. Best Paper Awards.

There are two ways to become a member: (1) fill out this form and send it in with seven dollars, or (2) pay your Minnesota Chapter dues through the American Fisheries Society (the Chapter gets reimbursed). You can pre-register for the Annual Meeting or register at the Conference.

1999 Annual Meeting Pre-Registration and 1999 Dues Application

1999 Minnesota Chapter dues.....	\$7.00	_____
1999 Annual Meeting (breaks, socials, banquet and one lunch).....	\$45.00	_____
1999 Annual Meeting No Banquet Option (you'll miss a good presentation, raffles, etc.)..	\$30.00	_____
Total Enclosed.....		_____

Send Check (pay to the order of: Minnesota Chapter AFS) and this form by December 21th to:

Kevin Stauffer
DNR-Fisheries
2115 Birchmont Beach Rd NE
Bemidji, MN 56601

Name: _____

Address: _____

Phone: _____

e-mail: _____ **(for email notices)**

Are you a member of AFS (parent society)? _____ yes _____ no. Membership Number _____
(AFS membership number is located on your *Fisheries* mailing label)

Affiliation: _____
(DNR, Federal Government, Academic, Tribal, or Private)

Check if you are a Student: _____

Check if you rather receive **RYBA** electronically: _____

WANTED: OUTDOOR ADVENTURES

Your chapter needs your help. At this years tri-chapter meeting in LaCrosse we will auctioning off hunting and fishing trips sponsored by members of the Wisconsin, Iowa and Minnesota chapters. If you a day or two days to take someone musky fishing in northern Wisconsin, pheasant hunting in central Iowa or smallmouth bass fishing on Lake of the Woods, or any other outdoor (or indoor) adventure, we need your help. These trips will provide members of neighboring chapters opportunities to visit new places, make friends, while generating funds for your state chapter. If you are interested in sponsoring a trip contact Steve Gilbert by December 21, 1998. We need you help to make this program a success. Send your outdoor adventure to Steve Gilbert, 8770 Hwy J, Woodruff, WI 54568, fax 715.356.9174. If you have questions on this great social fund raising promotion call Steve at work 715.358.9229 or at home 715.477.2065.

AFS OUTDOOR ADVENTURES

Adventure Title: _____

Description of Adventure (what is included and what is not, deadlines for arrangements, location, and degree of your involvement, etc.):

Date Restrictions: _____

Contact Person: _____

Mailing Address: _____

Telephone: _____

Chapter Member: _____ Iowa _____ Minnesota _____ Wisconsin

Minnesota Chapter Officers

President	Bruce Vondracek	bcv@finsandfur.fw.umn.edu	612.624.3421; fax 612.625.5299
President-elect	Paul Radomski	paul.radomski@dnr.state.mn.us	218.828.2246; fax 218.828.6022
Past President	Tim Goeman	tim.goeman@dnr.state.mn.us	218.828.2256
Secretary-Treasurer	Kevin Stauffer	kevin.stauffer@dnr.state.mn.us	218.755.3959

Excom Members

Minnesota DNR	Steve Hirsch	steve.hirsch@dnr.state.mn.us	651.296.0791
Federal	Ann Schneider	ann_schneider@mail.fws.gov	612.725.3596
Academic	Loren Miller	lmm@fw.umn.edu	612.624.1271
Open	Richard Bruesewitz	rick.bruesewitz@dnr.state.mn.us	218.927.3752

Committee Chairs

Awards	Julie Westerlund	julie.westerlund@dnr.state.mn.us	651.772.7938
Continuing Education	Mark Hove Laurie Sovell	Mark.Hove@fw.umn.edu laurie.sovell@pca.state.mn.us	612.624.3019 651.296.8005
Fisheries Information Network	Fred Henson	fred.henson@dnr.state.mn.us	320.839.2656
Long Range Planning	Open	-----	-----
Membership:	Doug Kingsley	doug.kingsley@dnr.state.mn.us	218.732.4153
Nominations	Melissa Drake	melissa.drake@dnr.state.mn.us	651.772.7966
Procedure Manual	Brad Parsons	fishgeek@runestone.net	320.634.4573
Public Awareness	Linda Bylander	linda.bylander@dnr.state.mn.us	218.828.6044
Resolutions	Todd Marwitz	todd.marwitz@dnr.state.mn.us	612.345.3365
Rivers and Streams NCD rep	Dennis Topp	ourfish@means.net	218.634.2522
RYBA Editor - Newsletter	Paul Radomski Loren Miller	paul.radomski@dnr.state.mn.us lmm@fw.umn.edu	218.828.2246 612.624.1271
Students	Carl Ruetz	crr@fw.umn.edu	612.624.3785
Webmaster	Jingyin Li	jyl@fw.umn.edu	612.624.2720

Internet

Minnesota Chapter	www.fw.umn.edu/mnafs
North Central Division	www.fw.umn.edu/ncdafs
American Fisheries Society	www.fisheries.org

Minnesota Chapter AFS
Attn: Paul Radomski
1601 Minnesota Drive
Brainerd, MN 56401

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