



RYBA

Newsletter of the Minnesota Chapter of the American Fisheries Society

Year 2002 No. 2

May Issue

INSIDE:

President's Message.....	1
Officer & Excom Reports.....	2
Committee Reports.....	3
Editorial.....	5
Meeting Minutes.....	6
Upcoming Events.....	12
Of Interest.....	13
On the Underside.....	13

President's Message by Brian Borkholder

"Fishing gives you a sense of where you fit in the scheme of things - your place in the universe...I, mean, here I am, one small guy with a fishing pole on this vast beach and out there in the blue expanse of ocean are these hundreds of millions of fish...laughing at me." --Anonymous

I would like to thank all of the individuals that helped to make our annual meeting in Duluth a huge success. The list is long, but I'll take a quick stab at it. First of all, David Lonsdale and the Great Lakes Aquarium were very generous to host a social for us on Wednesday evening. And in fact, they allowed us to stay for an hour longer than we had agreed to. Ferdinand Martineau and the Fond du Lac Band graciously provided the hors d'oeuvres during the Aquarium social. I received a lot of positive feedback

concerning the Tribal Natural Resources Session. Andy Edwards did a fine job putting that session together. The 1854 Authority sponsored Thursday morning's coffee break. The EXCOM and many of the Committee Chairs graciously endured countless emails from me, without complaint. Following the banquet, we were privileged to hear Stuart Sivertson give us a different perspective concerning life on Lake Superior. Peter Sorensen graciously donated his newly-won O/U shotgun back to the Scholarship Committee for auction, which generated an additional \$195 for student support! And finally, the Ad Hoc Beer Committee deserves special thanks, as I never once heard Don Pereira complain about the selection! For those that I may have forgotten to mention, I apologize. If the comments that I have received are any indication, I think we all did a fine job. We had 163 registered attendees, which is the most I've seen attend an annual meeting when we weren't meeting jointly with another Chapter.

The only thing I witnessed that was a problem was the size of the meeting rooms. Based upon previous meetings and the pre-registrations received, we anticipated 120 - 130 attendees. The Inn provided meeting space to accommodate 130. When 163+ showed up, we were grossly short on space. I know it was inconvenient, and I appreciate individuals not complaining too loudly. However, when John Hiebert requests that we all pre-register for next year's meeting, please do so. That way he can anticipate our space needs and work with the facility to accommodate all of us. Hopefully we won't have to stand in the halls, straining to hear the speaker. Plus, the ExCom is

considering making it financially prudent for you to do so. If you have any suggestions for next year's meeting, or would like to assist in any way, i.e. volunteer, please contact John (john.hiebert@dnr.state.mn.us) or myself.

On behalf of the Chapter, I want to take a bit of time to thank several individuals who have served over the last few years and those who are stepping forward to fill in the gaps. Mark Hove has completed his three-year term. He served the Chapter well in the executive position, and has left large shoes to fill. Jerry Grant and Laurie Sovell have each served for many years on the Continuing Education Committee, and have done a wonderful job providing Chapter members with a variety of courses. Michael Duval, Ray Valley, and Phil Talmage have volunteered to take their places. The Continuing Education Committee has put together a membership survey. Please take a few minutes to fill it out and return it to the CE Committee so that future workshops can best suit your needs. John Hiebert has, for obvious reasons, resigned from the Public Education Committee. John put together a classy display board for the Chapter for a nominal amount of money. John has passed the baton to Eric Altena, who will be focusing on the Chapter brochure, and getting it ready for the State Fair. The NCD has established a new Technical Committee, one for Ictalurids. Kevin Martini has offered to sit as chair of that committee. And finally, Jeff Sluiter has filled the long-empty Historian Committee. Jeff will be looking to gather all of the Chapter records into a single archive. If you have anything that might be of historical significance, old issues of

RYBA Editor: Loren Miller
lmm@fw.umn.edu

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. The views and opinions expressed herein are not necessarily those of the Minnesota Chapter

the newsletter, photographs, annual meeting agendas, please contact Jeff.

The ExCom has officially established a new Ad Hoc committee, the Science Fair Committee, which is being headed by Shannon Fisher. Shannon has a large crew backing him up, and on Sunday, 14 April, he awarded the first "Minnesota Chapter of the American Fisheries Society Aquatic Sciences Award". Actually, there were two awards given, one for grades 7 and 8, and one for grades 9 - 12. Plus, we had a difficult time deciding between two high school projects, so an Honorable Mention Award was also given. I think this will be a positive relationship between our Chapter and young science students, and will hopefully encourage students to pursue their interests in aquatic biology. For next year, Shannon has a goal of the Chapter judging at *each* of the regional fairs, in addition to the State fair. He still needs judges for the Winona and Rochester regions. If you are at all interested, please contact Shannon to discuss it.

At our annual business meeting, the Chapter approved a donation of \$300 to the Hutton Junior Fisheries Biology Program. This program is designed to develop interest in our profession among high school minority students by pairing the student with a mentor for a summer of field work. I'm laying out a three-fold challenge to each one of you: 1) Consider becoming a mentor for the summer. It's too late for this year, but sign up for summer 2003. I guarantee that the experience you receive as a mentor will be as valuable as what the students receive. 2) Recruit your co-workers to volunteer as a mentor. And 3) Identify potential students for the program, especially if you have any good contacts with local high school science teachers or councilors. Having a large pool of mentors and interested students will be the key to not only keeping this program going well into the future, but also to provide high-quality individuals for the future of our profession and natural resource management. I signed up myself, and was recently paired with a Native American student from here in Cloquet.

The Chapter has recently participated in the legislative arena. This is certainly not a place I feel most comfortable. But with the timely "heads up" from Don and Bruce, we were able to chime in on the Gross Overlimits Bill, which increased the penalties for harvest violations. This bill recently passed. Also, after much debate among the ExCom, we offered our two cents worth concerning the amendment to allow Minnesota anglers to use two lines during the open water fishing season. It was interesting the various viewpoints and issues raised by some of the ExCom. This issue wasn't as black and white as I originally thought it was. The opportunity to debate this was refreshing. In the end, the Chapter did oppose this amendment, though NOT by a unanimous vote. There was a unanimous opinion, though, that legislative representatives should not be making the resource management decisions when the State has a Department with the mandate to do so. I just want to thank the ExCom once again for their thoughtful opinions, and for making us all take a step back and rethink our positions. Thank you, and I trust you will each have a good and productive spring season. Don't forget to take time to wet a line (only one!). It's important that all of us stay in touch with the reason we chose the profession that we did.

Officer and Excom Reports

President Elect - by John Heibert

I have been planning the 2003 Annual Chapter Meeting. Originally, it was hoped we could have a joint meeting with the Wisconsin Chapter of AFS. However, due to a desire by WIAFS to have a dry run for the National AFS Meeting they will be hosting in 2004 (in Madison), they also planned to hold their 2003 Chapter meeting in Madison. I have also contacted the Minnesota Chapter of the Wildlife Society about interest in having a joint meeting. They will discuss this at their

EXCOM meeting (April 16th) and get back to me.

The 2003 Annual Meeting will be held the first week of March at the Oak Ridge Conference Center in Chaska, Minnesota. So mark your calendars! I received 28 bids from hotels and conference centers around the Twin Cities and Oak Ridge did the best job of meeting our needs for price and quality and allowed us to bring in our own beer for the social (The Lake Superior Brewing Company back by popular demand!).

Oak Ridge is located approximately 30 minutes south of downtown Minneapolis and borders the Minnesota Landscape Arboretum. The facility was constructed in 1992 and sits on 150 wooded acres overlooking a small lake. All lodging, meeting and dining facilities are on site. The seating arrangements in the meeting rooms allow each attendee a place at a table for note taking and all meeting rooms have comfortable, ergonomic chairs. In addition they have trails available for cross country skiing (if there is snow), workout facilities and a half court basketball court that can be converted for volleyball or my favorite floor hockey (equipment provided). If you would like to preview the facility you can look at there website:

www.dolce.com/oakridge/

Excom Open - by Andy Edwards

1854 Authority and Fond du Lac will be conducting spring walleye assessments on several lakes in northeast Minnesota immediately following ice out. Assessments will involve the use of electrofishing gear to capture adult walleyes on spawning grounds. All fish will be marked and released after biological information is collected. A population estimate will be calculated following the spring work. The same lakes will be assessed during the summer with DNR gill nets and trapnets allowing us to calculate a second population estimate. We are also examining the differences in apparent stock characteristics (PSD, etc.) that are

obtained using the three different gear types.

Fond du Lac will also be monitoring tribal harvest on lakes in the 1837 Ceded Territory, as well as participating in a multi-agency effort to mark and release thousands of walleyes in Mille Lacs.

The Fond du Lac on-reservation fisheries program will again be obtaining lake sturgeon eggs from the Menominee River in Wisconsin during late April and early May. The sturgeon eggs are being stocked into the upper St. Louis River in hopes of restoring lake sturgeon to the system.

The Red Lake Band will be surveying the Blackduck River walleye spawning run once the ice goes off. Prior to the collapse of the Red Lake walleye stocks the Blackduck River used to be one of the major walleye runs in the state. Historically they would take spawn from this run and at times over 30,000 walleyes were captured annually. Red Lake will not be taking spawn this year but are doing an assessment to determine the size of the run, sex ratio, age structure and other info. This should be another way of documenting the success of the recovery once the 1999 year class becomes sexually mature. Another activity that Red Lake is undertaking is to begin relocating black crappie from the Red Lakes and putting them in some of the smaller reservation waters. They are trying to improve the brood stock in those lakes before the opportunity is gone. This will also give bandmembers the opportunity to catch crappie on the smaller protected lakes of the reservation, instead of having to go out on the big lake. The northern pike spearing season will be starting on the reservation on April 13th, if the ice goes off the streams. Red Lake runs this season for 3 weeks and on average members harvest about 3,000 lbs (about 5% of the average annual take when the commercial fishery was operating).

The Grand Portage Band will be collecting walleye spawn from the Pigeon River run. Hatched fish will be raised to the fingerling stage and stocked back into the Pigeon River

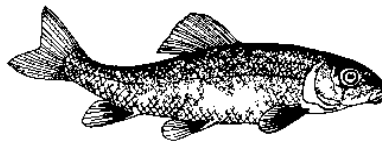
and several small inland lakes on the reservation.

The Great Lakes Fishery Commission held its annual Upper Great Lakes meeting in Duluth during March. The focus of the meeting this year was on the status of Lake Superior.

Attendance was high and there was a wealth of information presented. One key announcement was that the State of Minnesota will no longer be stocking lake trout into management zone MN-3 (Cascade River to Canadian border). Naturally reproducing lake trout are doing well enough on their own to allow for the discontinuation of stocking hatchery raised fish.

Excom - DNR by Joe Ostazeski

A state hiring freeze is in effect, which limits the filling of vacancies to critical staff and those mandated by law. This affects DNR area fisheries offices where there are open permanent or temporary positions. Many offices are shorthanded with the start of the field season, which could reduce the ability to perform fisheries services.



Committee Reports

Award - by Missy Drake

ATTENTION Chapter members! Do you know someone who has gone above and beyond the call of duty to help accomplish the Chapter's goals? If so, why don't you let that person know how much you appreciate their hard work by nominating him or her for a Special Recognition Award? What about someone who has made a life-long commitment to Minnesota's fisheries? Nominate him or her for the prestigious Award of Excellence. There are a lot of people out there working hard to make the world a better place for fish – don't let their

efforts go unnoticed! Also, if you or someone you know has been a Chapter member since at least 1977 please let me know. These members deserve to be recognized for their long-term commitment to the Chapter. See below for award criteria and nomination procedures.

The Special **Recognitions Awards** can only be given to Chapter members (Appendix C of Procedures Manual). It is given in recognition of special service to the Chapter, such as outgoing officers or committee chairs or members who provide a special service to the Chapter. Chapter members who contribute to advancement of the goals of the Chapter through their participation in resource related projects are also eligible for Special Recognition Awards.

Each Special Recognition Award nomination must include (Procedures Manual Appendix C-4):

1. The name, address, email, and phone number of the nominator.
2. The name, address, email, and phone number of the nominee.
3. The nominee's current position.
4. A short statement of why the nomination is being made. If the nomination is to recognize service to the Chapter, the service provided must be described. If the nomination is for a special project, the nature of the project and the nominee's role must be described.
5. Although not required, supporting materials and names of other people familiar with the nominee's accomplishments may provide useful information for determining award eligibility.

The **Award of Excellence** may be presented to any individual or group, regardless of membership in the AFS, in recognition of years of dedicated service to the fishery profession or in recognition of an outstanding effort to further the goals of the AFS and the Chapter. The purpose of the Award of Excellence is to recognize outstanding efforts of persons or groups to preserve, promote, or improve fish populations, fish habitat, or the field of fishery science. This Award it

recognize extraordinary service above and beyond the call of duty.

The criteria on which the award is based include the following:

1. Is the accomplishment or professional service truly above and beyond the call of duty?
2. What is the extent of the impact the nominee has had?
3. Is the impact exceptional, given the position and location of the individual?
4. How well do the accomplishments of the nominee match the goals of the AFS and the Chapter?

Each Award of Excellence nomination must include (Procedures Manual Appendix C-4):

1. The name, address, email, and phone number of the nominator.
2. The name, address, email, and phone number of the nominee.
3. The nominee's current position.
4. Nomination statement - indicate how and why the nominee is worthy of the award. Describe the impact or significant contribution the individual has made - one or two typed pages.
5. Support documentation - other material may be included to document the nominee defense.
6. List the name, title, address, and telephone number of two other people who are familiar with the nominee's accomplishments.

Public Education – by Eric Altena

I have been working on getting estimates together for the updated brochure. We have received several estimates ranging between \$475.00 and \$902.00. The updated approved text has been sent to our coordinator with In-Fisherman, and we look to have a proof available the end of May?

If there are any particular photo ideas for the replacement of existing photos in the brochure, please contact me with suggestions.

Issues - by Brad Parsons

The Issues Committee recently reviewed the Draft Environmental Impact Statement for the Highway 169 improvement project. The upgrade of this roadway to four lanes has the potential to affect Lake Mille Lacs, Kathio State Park, several tribal and historical sites, numerous wetlands, and a trout stream.

The committee prepared a letter with comments and recommendations that President Borkholder forwarded to the Minnesota Department of Transportation. The letter contained concerns about the added input of sediment, nutrient, and de-icing chemicals to Mille Lacs and its surrounding wetlands, and serious concerns regarding the statistical procedures DOT used for their traffic projections.

Our close work with the Minnesota Chapter of the Wildlife Society on this issue improved both Society's letters. This demonstrates the importance of working closely with other professional organizations.

If you have issues you think the Chapter should address, please be sure to bring them up!

Science Fair - by Shannon Fisher

The Minnesota Chapter of the American Fisheries Society will provide two awards at the Minnesota Academy of Science State Fair held in Minneapolis on April 12-14, 2002. It is our desire that these awards will be offered annually. In addition, we intend to provide awards to applicable projects at each of the eight regional science fairs in 2003. The awards may not be provided every year if appropriate aquatic sciences projects are not available for consideration.

The two state awards will both be titled:

Minnesota Chapter of the American Fisheries Society Aquatic Sciences Award

One award will be for a student conducting an aquatic sciences project in grades 7-9. The other award will be for a student conducting an aquatic sciences project in grades 10-12. Judging criteria have been established.

All aquatic sciences projects visited by the judges will be provided with a copy of the Hutton Jr. Fisheries Biologist program brochure. In addition, the winning student(s) may be encouraged to participate in the annual Minnesota Chapter of AFS meeting. Older students may be interested in presenting their research findings if the annual meeting is accessible to their residence. This will be considered on a case-by-case basis.

Awards provided at the 2002 MN State Fair will consist of the following:

- 1) framed certificate with the name of the award, date, and recipients name
- 2) Copy of the Peterson's Field Guide - Freshwater Fishes
- 3) Rod and reel combo

I (Shannon Fisher) will be able to judge at the state fair and serve as the contact person. Brian Borkholder has suggested that he may also be able to assist. If there are others who desire to get involved, please let me know as there is always room for more. The MN Academy of Science is always looking for judges. The number of judges needed will vary by the number of appropriate projects. In most years, I suspect we will only be looking at a few projects and 1-2 judges at each fair will be plenty.

Audit Report - Henry VanOffelen and Peter Jacobson

Pete and I (Henry) reviewed the financial records of the Minnesota Chapter of the American Fisheries Society for the year 2001. Everything was in order. Donna has done a good job keeping tabs on the treasury. Given the complexity of the accounting methods we did consider consulting with a professional firm but decided instead to just use a standard calculator.



Contributed Editorial

The following is an open letter to the membership. A little background might help before you read it. Recently there was a proposed amendment that would allow the use of two lines during the open-water angling seasons. President Brian Borkholder pulled together a draft response letter and passed it along for comment by Excom members. The letter indicated that MNAFS was unanimously opposed to the amendment and touched on a few reasons why. I happen to be in favor of the two-line option and couldn't let the letter go without putting in my two cents worth. I voiced my opinion via email to the Excom in hopes of generating some discussion. The bottom line is that it did stimulate a fair amount of discussion and it was suggested that we include it in the next RYBA to get folks talking. The original letter/opinion follows. Anyone that cares to chime in on the issue should bend the ear of an Excom member.

Andy Edwards, Open Excom

"I expect that I may be in the minority here, but I support the use of two lines for angling during the open-water season. However, I don't necessarily think that state senators and representatives should be the main folks setting natural resources policies. Minnesota's system is sort of goofed up when it comes to the fact that the DNR can suggest regulations or alterations but then has to go through the legislature to get enabling legislation passed to implement them. Unfortunately it is often the legislature dictating policy to the DNR. Given the system that is in place I would rather see the DNR proposing the 2-

line bill, but since I support the option I'll continue.

I will try to present my reasons for why I support a 2-line option below, framing them around comments in the email exchange and draft letter that Brian sent us. Hopefully that will provide some semblance of order to the comments and prevent me from being categorized as a raving redneck that belongs on a compound in Montana.

I'll start with the statements that the Department and Fisheries Professionals are trying to promote more conservation and/or conservation ethics among the public and sporting community. There is certainly nothing wrong with promoting wise use and ethical behavior. However, I don't see how this really relates to the use of two lines. Bag limits, length restrictions, and season dates—these have been, and continue to be, our primary regulatory tools. Of course those are meaningless without widespread angler compliance. If our regulatory tools are worth the paper they are printed on, does it really matter that the angler may reach their legal limit quicker or more easily by fishing with multiple lines or via the aid of technology? From a manager's standpoint, isn't it more important that individuals, and the angling community as a whole, stop once they reach the limit? To me an angler's fishing ethics (*never thought I would be talking about that outside of my kids' first couple of trips!*) should be along the lines of "Fish because you enjoy it or need to; release fish if you choose to; keep what you will use; fish are a shared resource and the legal restrictions are meant to allow others to benefit as well, despite the fact that you might be able to use more fish than you can legally keep"

I see nothing ethically wrong with being able to fish with multiple lines, certainly not two. What is wrong with being able to toss out a line for panfish while still being able to throw a plug for bass or pike at the same time? For that matter, where is the problem with setting out a bobber/leech rig and tossing a crankbait for walleye at the same time. To me, it still seems to

boil down to what you keep. I think we should be concerned about heading down the road of placing too many restrictions on anglers. On one hand we are saying that it is perfectly legal (presumably ethical too) to go out and catch 30 sunfish, 15 crappie, 6 walleye, and 3 northern pike in a day, etc. Yet we are apparently willing to infringe on an angler's ability to do so through restricting their effort. Shouldn't an angler have the opportunity to maximize those ever more rare chances a person gets to spend on the water? At the same time we are promoting (more so every year) the concept of catch and release. Right or wrong, the message that goes out is that "Hey you can go out and catch and release fish all you want, it doesn't impact the fishery at all." Maybe yes, maybe no. I'd be surprised if we know enough about mortality rates of released fish in many areas to make any blanket statement. My gut feeling is that the biological impact of catch and release in most situations is probably minimal, but I certainly don't know the answers for sure. In some situations the catch and release ideal has become so ingrained that anglers keeping legal fish are chastised by the catch and release folks. Happens a lot in musky fisheries and places like Wisconsin's Brule River during the steelhead run. That can't be good for the future of fishing can it?

In the last paragraph of the draft letter it states, "For far too many individuals and resorts, the harvesting of fish is more important than the act of fishing." I have a real problem with this statement, particularly as it relates to individuals. What right do we have as a professional society, or for that matter as individuals, to judge the values or motives of other anglers? Personally, the opportunity to harvest fish for consumption is more of a draw to get me out fishing than the sheer enjoyment of it. That is not to say that I don't enjoy fishing for the sake of being out there. That is certainly a big part of why I fish as well. And there are certainly days when I will fish catch and release only or maybe throw back more than I keep. There are also plenty of anglers that prefer simply to fish for the pleasure of fishing, with

little concern over whether they can or want to keep fish. Some anglers only want to catch a trophy, either to release or put on the wall. I don't think any of these motives are wrong. As an aside, a co-worker of mine had attended a national Native American Fish and Wildlife Society conference a couple of years ago and one of the things he mentioned upon his return was rather interesting. At the conference one of the people he was talking to said that in their culture, they looked upon catch and release as unethical. They felt that fish were a part of the whole, and that it was wrong to fish for pleasure, but that it was okay to fish as long as you used every fish you caught. I don't feel that way myself, but I thought it was a rather interesting perspective. Unfortunately I can't recall the specific tribe.

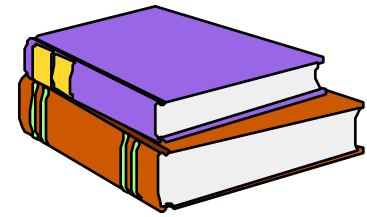
Regarding technology, I'm not much for the bandwagon of blaming technological advances in harming fish populations. I firmly believe that it has enhanced the average angler's capabilities, but when it comes down to how it actually impacts the fish population the choice of how many fish the angler chooses to keep seems to be more important. That being said, I think advances in technology and the combination of increased angling pressure from the expanding population have degraded the experience valued by many anglers.

I'll concede that there could be problems with not setting some sort of a limit on lines, particularly during the winter months where it would be possible for an angler to set many tip-ups or set lines. I can also see limiting the number of lines in specific cases. Take, for example, Mille Lacs—managers might consider it worthwhile to limit anglers to one line while trolling. Apparently it is one hell of a good method for catching the walleye in Mille Lacs, never experienced it myself. However, I think it comes back to the issue of individual responsibility. If an angler has out multiple lines and they get into fish or are approaching their limit, they need to take the responsibility to adjust their effort to stay within the legal limit and not get into the

situation of needing to throw back fish that might die anyway.

So if think a 1-line restriction is a good idea, what areas do I think could be worked on? Well, I think we need to make anglers more aware of what they can realistically expect. If they want to see drastically improved fishing, they are going to have to be willing to accept regulations on bag limits and length restrictions that would be effective, not that simply sound good to the public. I hate the thought of complicated single water regulations, but I also strongly disagreed with the recent changes and proposals in bag limits during the last couple of years. The blanket reduction in perch limits was basically due to a few highly visible lakes, with little discussion on whether it made any sense on other waters. All of the talk about reduced limits for other species made little sense to me, when no one was really willing to propose or accept reductions to levels that made biological sense. In the absence of biologically based regulations, there are going to have to be great strides made in reversing the habitat degradation in the State. I also think that as professionals we have been guilty of perpetuating anglers expectations at too high of a level. For years we've been using stocking to manage water bodies for inappropriate species, or for attempting to maintain species at levels above what the habitat can support. I think we'd be better off emphasizing the need for habitat restoration and the value of "other" fisheries. For example why do we continue to stock stream trout in lakes as a catch and release fishery? Sure it provides fishing opportunities, but why not work more on restoring stream trout fishing opportunities and putting those lakes back into a fishery they can support without so much effort? Anglers should be told that it may very well take sacrifices in some areas to improve fishing opportunities across the board.

Anyway, if you got this far, thanks for listening to my diatribe. If nothing else Brian will have to take the unanimous consent out of the last line of the letter!"



Meeting Minutes

Minnesota Chapter American Fisheries Society 35th Annual Business Meeting January 24, 2002

President Brad Parsons called the meeting to order at 3:35 PM. The Secretary has a list of attendees.

There were no additions to the agenda and the agenda was approved by acclamation.

There were no corrections or additions to the minutes from the 2001 annual business meeting and the minutes were approved by acclamation.

Brad Parsons introduced American Fisheries Society President Ken Beal. Mr. Beal stated that things are going well at the parent society, with about 50 committees, 54 chapters, 22 sections, and 4 divisions with many volunteers doing good work. He summarized his goals for the society, which come from the strategic plan, and the progress made this year.

1. Visibility: Attended meetings with Congressional Representatives together with representatives from the American Society of Limnology and Oceanography and the Ocean Policy Commission.
2. Partnerships: Working together with other organizations and societies and forming new affiliations.
3. Professionalism: The goal is to make AFS Certification more desirable and to give it more stature. The Society is working to get employers to reward those who get certified.
4. Diversity: The workforce is changing and the Society's goal to is increase diversity in our

ranks. The Hutton Junior Fisheries Biology Program pairs interested high school students with AFS mentors. Last summer's initial group of 23 kids became more interested in going to college and pursuing a fisheries career after their summer fisheries experience. There is \$250,000 committed for summer 2002 right now, and they hope to increase the program to 70-75 kids this year. The goal is to have students in all states and all major laboratories.

Mr. Beal then commended Gus Rassam, who is doing an excellent job as AFS's Executive Director. There have also been some new membership initiatives this year. Gift memberships are now available at half price and there is no limit on student memberships as long as the person is still a student. Half price international memberships are now available with electronic access to Fisheries.

Ira Adelman was introduced. He is currently the AFS first vice president: Ira noted one other change in the membership structure. A Young Professional category has been added where, for the first 3 years after graduation, membership dues are half price.

Tim Goeman, current President of the North Central Division, was introduced. Tim commended the Minnesota Chapter and noted that our Chapter is right up there within the NCD and the Society. He urged people to get involved in the Society and emphasized that it is a fulfilling and valuable experience. There is room for anyone to volunteer, no matter if they are new to the profession or old. Tim also encouraged us to use the Division as a conduit for issues of regional significance, or for bigger issues that will rise to the Society level. He also expanded on the Hutton Junior Fisheries Biology Program. High School juniors and seniors are eligible and the program puts an emphasis on recruiting minority students, but is not exclusively for minorities. Individuals can get involved by recruiting students personally or through science teachers in the community. The other way to

be involved is to be a mentor and have a student work with you for three months in the summer. More information is available on the AFS Web Site but time is running out to get involved for this summer, so hurry.

President's Prerogative

Review Action Agenda for 2001: Brad Parsons reviewed the nine items from his 2001 Action Agenda.

1. Improve Chapter Visibility: the chapter brochure is being reprinted and the display for state fair was repaired.
2. Improve Outreach to Outstate and Private Universities: Mark Hove added links to the Student page of the MN AFS web site for every college and university in Minnesota that offers courses in fisheries or aquatic science. If anyone knows of any schools that were missed let Mark know.
3. Broaden Relationship with The Wildlife Society: the goal was to exchange minutes of Excom meetings and coordinate on FWLA issues. This item was not completed.
4. Formally Approve Excom Meeting Minutes: the minutes were distributed to the Excom via e-mail and approved for each meeting.
5. Maintain and Improve FWLA Response: the chapter increased its financial contribution to FWLA and we thank Bruce Vondracek and Don Pereira for serving as the chapters FWLA representatives.
6. Award the First Chapter Scholarship: this item was completed (with thanks to the scholarship committee) and the chapter awarded one \$500 scholarship as well as a runner-up scholarship of \$300.
7. Increase Chapter and Parent Society Membership: attendance at this meeting shows that chapter membership must be up. The drawing for free parent society membership per 10 new members was held and Christian F. Lenhart was the winner (not present).
8. Conduct Two Continuing Education Workshops: A Stream Classification workshop was held

in June and a Fish and Mussel ID class was held in September.

9. Explore Development of a Chapter Slide Library: the DNR is currently working on a similar project and the chapter may be able to work with them on it, especially in terms of information dispersal.

In other news, Brad noted that the Minnesota Chapter won the NCD's "Most Active Chapter" award at the Midwest Fish & Wildlife Conference in Des Moines. Thank you to the many, many, people who contributed to this distinction. He went on to recognize chapter members who are active in NCD and parent society. He also congratulated Jack Wingate, who won NCD Fisheries Excellence Award.

Treasurer's Report

The treasurer's report was read and will be approved subject to an Audit of books by Pete Jacobson and Henry VanOffelen. The Chapter closed its CD account this year and put that money in a Vanguard Prime Money Market Fund in order to secure a higher interest rate. The current rate is 2.01%. The current balance in the money market fund is \$19,726.58. The chapter also closed its money market checking account and will keep most of its money in the Vanguard account, generating interest. The business checking account has a balance of \$10,066.89. After the Annual Meeting expenses are paid, all but a few hundred dollars will be transferred to the Vanguard account as well.

Committee Reports

Membership: Brian Healy reported that 158 people are attending the annual meeting. The chapter has 215 members, 13 student members, and 161 are parent society members. Student memberships are down from 23, but will likely go back up when those joining at the meeting are added to the list.

Nominations: Shannon Fisher reported that we have 5 unopposed elections this year: John Hiebert for president elect, Donna Dustin for Secretary-Treasurer, Brian Healy for Federal Excom, Don Cloutman for Academic Excom, Andy Edwards for Open Excom, and Joe Ostazeski for DNR Excom. Shannon and Brad both noted that while it was difficult recruiting people to run for some positions, the quality of the candidates is still high. Every chapter member should consider getting more involved in the chapter.

Ginny Snarski and Pat Brown will be stepping down from EXCOM this year, and were thanked for all their efforts.

Awards: Melissa Drake announced that Special Recognition Awards and an Award of Excellence will be given at the banquet. Virginia Snarski and Harlan Fierstine have been chapter members for 25 years. Sea Grant has sponsored a best student paper award for this year's meeting. A best student paper will be chosen in addition to the best paper award that the chapter has given in the past. A student paper can also win best paper.

Public Education: John Hiebert reported that Rainbow Signs did a nice job of repairing the chapter display at no charge. They also added a pamphlet folder and we gave out the 170 brochures that were left at the State Fair. New pamphlets will be made up and the text is available for review. The *In Fisherman* will be doing the layout for us. Anyone who has high quality photos or slides that would be appropriate for the brochure should contact John.

Students: Deb Brister not present. Brad noted that the chapter supported 6 student's attendance at this year's meeting.

Issues: Mark Hove discussed four issues that he worked on this year. He sent letters to DNR

Commissioner Garber opposing the 2 Line Rule, which would allow anglers to fish with two lines simultaneously, and supporting the 20 daily/30 in possession yellow perch bag limit. Mark also contacted several Governors, the Manitoba Premier and several environmental groups to state the Chapter's opposition to the Garrison Diversion project. He contacted the same parties regarding the Chapter's opposition to construction of a Devils Lake Outlet. Brad Parsons added that he wrote to the Pope County Board of Commissioners asking for an Environmental Impact Statement on the construction of a new county ditch that would impact fishing, lakes, and rivers downstream. They refused to order an EIS and now some groups are filing suit to require them to.

Resolutions: Jeff Weiss also researched the Devils Lake and Garrison Diversion issues and worked with Mark on the letters. A new issue that he is exploring is fish kill investigation and enforcement. There is significant confusion in the field on how fish kills are handled. Evidently there is a memorandum of understanding between PCA and DNR. Jeff is looking into the details of this memorandum and whether its provisions clear up the confusion that currently exists in the field. He will also look into the citation process for violations. He is aware of at least one case where no citations were written yet thousands of dollars of restitution were in order. Can the process be streamlined and clarified so that the different agencies can run investigations more smoothly. Jeff is also looking into the fact that DNR Fisheries seems not to be taking the law prohibiting importation of bait fish seriously. There are many reports of rosy fathead minnows showing up in bait shops statewide and some conservation officers are looking

for Fisheries to support enforcement of these laws.

AD HOC and Technical Committee Reports

FWLA: Don Pereira discussed this year's Legislative priorities and the positions that he and Bruce would likely cast votes on. Some FWLA issues do not concern fisheries and in those cases they abstain from voting. Brad summarized the issues that the Chapter will vote on:

- Support DNR's recommendation designating the remaining 102,000 acres of Con-Con lands in three Northwestern counties as Wildlife Management Areas
- Support a constitutional amendment providing for the dedication of current sales tax for wildlife, fisheries, ecological services, and enforcement activities within DNR.
- Support adequate funding through bonding for wildlife, fisheries, ecological services programs as outlined in the MEP "Healthy Waters Campaign."
- Support legislation increasing penalties for the taking of over limits of game and fish.
- Support legislation providing an inventory of drainage systems in the state.
- Oppose legislation that would weaken the current Wetlands Conservation Act of the Public Waters Permit authority of DNR.
- Oppose legislation that would relax yellow perch bag limits, thus negating the new DNR rules.
- Oppose legislation to provide DNR with \$5 million and a mandate to stock more walleye.
- Oppose legislation that would allow the use of grass carp to control vegetation in aquaculture ponds.
- Oppose legislation to extend the fishing season this year due to the mild winter OR make it a permanent change.

- Oppose changes to new DNR rules regulating turtle harvest.

Ira Adelman moved that the chapter cast its FWLA votes as outlined above. Jack Wingate seconded the motion. Discussion focused on the fishing season extension, with Greg Busacker making a friendly amendment that we abstain on this issue, since there is no biological data on either side and we should not waste our credibility on an issue that we cannot back up with science. Jeff Reed asked Don if we lose any credibility by abstaining on issues and Don replied we do not and we often abstain on issues that do not apply to fish. Brad asked for a vote and the motion carried.

Don noted that our own Jack Skrypek is this year's recipient of the FWLA's "John Rose" award, which will be presented at the Minnesota Conservation Awards dinner on February 8, 2002.

Don concluded with an offer to put an FWLA link on MN AFS web page if people felt it would be useful and the consensus was to do it.

Fishing Roundtable: Mark Hove recently attended this year's fishing roundtable as the MN AFS representative. He felt that it was a good meeting, he learned about strategic planning in DNR, and was impressed with their efforts. There was an update on gross overlimits legislation, which failed last year and will be introduced again this year. There was a discussion of tourism trends, which are very important to Minnesota fishing interests. A big challenge facing the fishing roundtable this year is that some members are not interested in participating because they feel the DNR and the Roundtable are too "cozy." Mark related his vehement opinion that if these people want to keep complaining they must continue participating! Representatives Krentz, Holsten, Osment all told the roundtable

that what they need most to help them support natural resources is ground roots support for issues. Constituents have to write letters expressing their concerns, not once, but several times. The FWLA summary is full of issues that each of us can and should express our opinions on. So get out there and start writing letters if you want to see things get done!

Rivers and Streams: Tom Groshens attended a symposium and workshop in Rock Island last year and will attend another on March 19-20 in Rock Island. He encouraged all with interested people to attend. A joint meeting will be held with the other NCD technical committees in lieu of the Midwest Fish & Wildlife Conference, which will not be held this year. This meeting will be in Quad Cities, Iowa on 4-5 December and there will be a symposium focusing on using data to make decisions. The committee also decided to repeat a 1990 survey of agencies doing river and stream work and will get that published in Fisheries.

Esocid: Rod Pierce reports that there will be a meeting in mid-July in Wisconsin. Contact Rod if interested.

Scholarship: Bruce Vondracek reported that the first chapter scholarship will be awarded at tomorrow's banquet. The scholarship committee, chaired by Bruce Vondracek, consisted of Ira Adelman, Deborah Brister, Don Cloutman, Henry Drewes, Linda Erickson-Eastwood, Jerry Grant, Jay Hatch, Mark Hove. There were four really good candidates, but the committee was disappointed that there were only four and all were from U of M. Bruce speculated that the word "scholarship" may have scared some candidates away, when the award is really meant to support students interested in Fisheries, not necessarily to reward academic achievement. The committee gave the most weight to an essay answering "why are you a good candidate for this award?" While he

doesn't think we need to get rid of the word "scholarship," Bruce urged everyone to pass the word that grades are not the critical issue in this award.

Unfinished Business

Science Fair: Shannon Fisher has suggested that the Chapter consider giving an award at the Science Fair. The MN Academy of Science runs the fair for students in grades 7-12. Five hundred students participate every year. Organizations can be sponsors, which helps with funding the fair, or give out an actual award from their organization. AFS fits with other groups who give awards, and we would benefit through exposure for the chapter and by encouraging young people. For this year, Shannon recommended that we plan on participating in the state fair only. In the future we may want to move on to regional fairs. Some years there may not be any pertinent projects (fisheries/aquatic related) and the award would not have to be given in those years. We may want to form an AD HOC committee in the future to work on this and Shannon volunteered to get it started.

Jerry Grant moved that we form an AD HOC committee to look into our participation in the Minnesota Science Fair, such as what should the award category and title be and what prize would we award. Bruce Vondracek seconded the motion. Discussion: Someone asked if we have time to be in this year's fair. Shannon feels that we can and Brian indicated that he had put \$100 in the budget for it. With no other discussion the motion passed. A number of people stepped up to volunteer for the new Science Fair committee.

Installation of New Officers

Brain Borkholder was installed as President with the passing of the Esox.

Brian thanked Brad for his service and presented him with the Chapter's Past-President Award.

Proposed 2002 Chapter Budget

Other New Business

Committee Assignments

- *Ictalurid Technical Committee:* This is a new committee and we are still looking for a volunteer to head it.
- *Continuing Education:* Brian has two possible candidates but has not made contact with them yet.
- *Public Education:* Eric Altena will take over for John Hiebert
- *Historian:* Jeff Sluiter has volunteered for this position. Thank you Jeff!

2003 Meeting Location and Theme

Some have suggested a joint meeting with the Wisconsin Chapter. Contact John with requests or ideas for next year's meeting.

2002 Action Agenda

Brian went over each item in his Action Agenda. He discussed his proposal to convert RYBA to an electronic format. The membership survey has been in favor of going electronic and we could provide hard copies by request and still save time and money. Once a year when ballots are mailed we would add a request for hard copy for those who want them.

After a request for items from the floor, Shannon spoke up to support the Joan Duffy travel award. The student committee will be responsible for determining the award and the money will be available for the alternative Midwest meeting this year. Mark Hove noted that the student and scholarship committee should work together to put a notice on the web page about it.

Brad Parsons moved to accept the action agenda as written. Ira Adelman seconded and the motion passed.

Loren Miller moved that we reduce Newsletter costs to \$400 and Greg Busacker seconded. Discussion: Loren explained his estimates of newsletter costs based on one mass mailing per year and the majority of members receiving electronic newsletters. Tom Groshens inquired about software needs to produce an appealing electronic version. Loren has a PDF writer and so can do it easily, for future editors the Chapter may need to purchase software. Motion passed

Brian explained that with the Chapter's donation to the Hutton Program, we will challenge the other NCD chapters to match our \$300, which would entirely fund one student if most chapters come through.

For the Science Fair item, Shannon Fisher stated that he would like to see us become a sponsor in addition to awarding a prize. Fair sponsorships are in \$50 increments starting at \$50. He requested that the line item be increased to at least \$150 so that we can sponsor the fair, in addition to giving awards. Larry moved to change it to a \$200 line item, John Hiebert seconded, and the motion passed without discussion.

Greg Busacker moved to accept the budget as amended and Ginny Snarski seconded. The motion was defeated.

Jerry Grant moved to increase scholarship line to \$800 and Bruce Vondracek seconded. The motion was then withdrawn, but budget was changed (it turns out we do not have to vote on this items since the budget has not yet been approved.)

Brad's motion to accept the budget with discussed changes was second by Tom Groshens and passed.

None

Brian thanked several individuals who helped make this meeting a success and Tom Groshens moved that the meeting be adjourned. Mark Hove seconded and the motion passed with no discussion and much relief.

Submitted by Donna Dustin
Secretary/Treasurer
Minnesota Chapter AFS

MN AFS ExCom Meeting: March 12, 2002 at Brainerd Public Library

Present: Melissa Drake, Mike McInerny, Mike North, John Hiebert, Jeff Sluiter, Ray Valley, Brian Borkholder, Joe Ostazeski, Eric Altena, Donna Dustin, Mike Duval, Shannon Fisher, Brad Parsons, Andy Edwards, Phil Talmage

Mike North (Wildlife Society Rep) presented an overview of a highway project being planned by MN DOT to increase highway 169 from 2 to 4 lanes near Mille Lacs between Onamia and Garrison. There are several alternatives being considered. One would expand the existing road along the lake shore (impacting the lake) and several other alternatives would move the four lane road away from the lake, but would impact Mille Lacs State Park, wetlands, a designated trout stream, Indian burial grounds, Tribal Trust land, and a National Historic Site to various degrees. Two alternatives would require extensive new construction. TWS would like MN AFS to write a letter to MN DOT taking a position on this issue. He went over which alternatives are supported by various groups, including TWS, DNR, and PCA.

There was some discussion of whether the chapter should write a letter taking a position on this rather complicated issue. Brad agreed to look into it as Issues Chair, keeping the focus on wetland, lake (runoff), and trout stream impacts. He will also keep in contact with TWS on this.

Annual Meeting Review – Discussion of how to increase pre-registration. The consensus was that a monetary reward (instead of raffle tickets), in the form of a lower registration fee, would likely motivate more people to pre-register. In addition, we need to get the registration newsletter out sooner, and we can easily send e-mail reminders to the membership since the mailing list will be set up for the newsletter. The socials this year were successful. It was good to see people mixing after meetings rather than splitting up.

Next Year's Meeting – John Hiebert is looking into holding a joint meeting with the Wisconsin chapter. At this time he is not sure if they want to go in with us or not. There may be MN State issues due to the budget and out of state travel if the meeting is held in Wisconsin (even within 10 miles of border). The other option he will look into is the Twin Cities.

Reports

President: At Bruce VonDracek's (FWLA rep) request, Brian sent a letter to representatives Krentz and Hass stating the Chapter's support for gross overlimit legislation that is coming up in the House. He also questioned the lower restitution values in the bill for some smaller sized game fish and asked for clarification.

Larry Calamine e-mailed that DNR Waters is planning rule making process changes. This could be something that chapter should look into. John said that DOW may soon be able to waive their responsibilities on Wetland Conservation Act to local units of government, with potential for conflicts of interest. But this is already done. No one present knows the details of what is going on now. Brad Parsons felt that FWLA will pick up on this when and if there is something we can do, and maybe we should wait and see.

Hutton Challenge – no other chapters met our challenge to donate \$300 to the Hutton Junior Fishery Biologist Program.

Treasurer's report – Donna presented the current account balances and Annual Meeting Summary. The Chapter's net worth stands at \$27,313.83, the Annual Meeting brought in \$1172, and the fundraiser netted \$1545. The committee discussed the fact that much of the chapter's money has been designated for use as an interest generating endowment to fund our Scholarship, and that it may be misleading to show this money as if it were available in the treasurer's reports. Donna will reorganize the treasurer's reports so that this money is reported separately from cash available to spend.

Excom Reports

Open, Andy Edwards – The 1854 Authority, Fond du Lac, and the DNR are getting ready for spring work. They are beginning a three year tagging study on Mille Lacs and will be tagging lots of fish this spring. This is the final year of the 5 year plan for Mille Lacs and the next 5 year proposal is being reviewed by the State. The only current problem is regarding some wording on the commercial sale of fish. The 100,000 lb cap may go up by 5000 lbs per year if needed by the tribes. On Red Lake the walleye recovery is progressing as hoped and there will be no stocking this year. GLFWC will be meeting in Duluth next week. There were many positive comments about the tribal session at the annual meeting.

DNR, Joe Ostazeski - There is a state hiring freeze in effect which at this time includes seasonal employees. This will affect fisheries dramatically if there is no change since hatchery operations use many seasonal workers. Work would have to be reprioritized if the freeze stays in effect.

Awards, Melissa Drake – We need nominations as usual. Melissa briefly described the awards that we give and asked for nominations for this year.

Issues, Brad Parsons – The Pope County Ditch 29 request has been withdrawn, so that project is done. Brad is looking for one new issue to focus on, if anyone has ideas let him know.

Nominations, Shannon Fisher – people need to get nominations in a timely fashion, many came in too late last time. The only position we can easily change to 2-year term is secretary/treasurer. Any other term changes would require a bylaw change, but Shannon thinks that we should look into making ExCom positions 2 years, with half changing each year. This would make for more continuity on the ExCom and ease the burden on the nominations chair. Brian said he no problem with pursuing that idea and he will check into the bylaws. We will discuss this further at next ExCom meeting.

Public Education, Eric Altena – Eric has been getting estimates for printing the brochure. It looks like it may come in over budget by \$100-200. He is planning an getting 1000 printed and will keep checking for a better deal. Brian stated that the money will not be a problem if it does end up a bit over budget.

Resolutions, Jeff Weiss (absent) - Jeff reports that he has a copy of Iowa's fish kill procedure and he envisions something similar for MN. Mike McInerny gave an overview of their system. Jeff will keep working on this.

FWLA Bruce VonDracek (absent) – There are many separate bills that have been put into the omnibus package. They are still concerned with Con-Con bill, but it is moving through so far. FWLA is opposed to amendments to the water management authority bill. As discussed at the annual meeting, FWLA supports the Protect Our Waters Act 2002. The yellow perch 20 daily/50 possession bill has been pulled.

Historian, Jeff Sluiter – Jeff is just getting started as historian. He inquired if there is there an official photographer and was told that it gets passed around. He would like to get photos organized and identified. He will contact Bruce V., as he has the archive now, and coordinate with him. Brian mentioned that it would be good to get old meeting programs, attendance, past officers, and award

recipients. Jeff may need to contact some of our long time members to help get people in the photos identified.

Continuing Education, Mike Duval, Ray Valley, Phil Talmadge – The new group are getting their bearings and setting directions for Continuing Ed. It may be time to update the continuing ed. survey of needs. This year we will revisit the popular stream workshop. Ray reports that Karen Terry wants to do at least one stream workshop this year. Rosgen training will be needed for the new stream survey manual so there should be plenty of interest from DNR. Ray also checked with areas to see how many might attend. Some people have raised issues with length of the course and timing (summer). Karen wants to go mid-June since this time should offer good stream flow conditions. We may need to offer two locations since there is a lot of interest.

Todd Kolander has indicated to Shannon that he is willing to do a day workshop on use and deployment of data loggers. There is interest in the Southeast in this.

Newsletter, Loren Miller – April 15 is the deadline for submissions and May will be our first electronic newsletter. Those who request it can still get a paper newsletter.

Procedure Manual, vacant – Brian is working on filling this spot. We need to add the Student Paper award and update committee duties. Brad said he is willing to work on things that need updating right away.

Web Page – needs to be updated.

Technical Committees

Centrarchid, Mike McInerney – The Alternative Midwest meeting will be held in Bellevue Iowa on Dec 3-5, and will be limited to 400 people. There will be 81 technical papers and business meetings for technical committees as well as the NCD business meeting.

Mike is the chair of the centrarchid committee. They are trying to make the move to conducting business

electronically. A new project is a nationwide survey of black bass regulations.

Old Business

Sea Grant Student Paper Award – Brian inquired whether the check has come yet, and it has not. Brian will check with Carl on the photo op. for Sea Grant with the winner.

Science Fair, Shannon Fisher – This is a formal committee now, so we should add it to the committee list. This year we will offer two state awards, which will be called the Minnesota Chapter of the American Fisheries Society Aquatic Sciences Award. One will go to the grade 7-8 group and one to the high school (grade 9-12) group. If there are no qualifiers in one group the award may be given to the other age group. Awards will consist of a certificate, a Peterson Field guide, and a rod & reel combo. Next year we plan to expand to all eight regional fairs and Shannon has people lined up to judge at each location. We also provided a \$100 donation to the MN Science Fair for which they were quite appreciative.

Shannon inquired as to whether we had any T-shirts to donate to the Science Fair mixer? Some concerns were voiced over opening the door to getting too much demand for free stuff. The consensus was that we can donate a few shirts now and deal with any other requests on a case by case basis.

Meeting Mentors – This comes as a response to some comments regarding students feeling ignored at social functions at the annual meeting. Brian received an e-mail suggesting that chapter members might act as mentors to students, sitting with them at the business meeting and explaining what's going on, having lunch with them and/or meeting with them at socials. This could also be used for new members to AFS. Someone asked whether we should pair up individuals or just have designated people who are identified as mentors. Brian suggested a combination of the two and Mike Duval added that we could try a dedicated break for mixing

with students and new members. There was general support for these ideas and John Hiebert is making note of them.

Chris Lenhart was the winner of the dues rebate from last year, but we have not been able to locate him. It was decided that we will see if he comes forward after the next newsletter and if not we will tear up the check.

Next meeting will be sometime in Early August.

Brad moved that we adjourn, John seconded, and the motion passed.

Submitted by Donna Dustin, Secretary MN AFS

Upcoming Events

Fluvial Geomorphology and Stream Classification Workshop

3-7 June 2002 at Whitewater River, Winona, MN
16-20 September 2002 at Fergus Falls

Two workshops teaching fluvial geomorphology and stream classification techniques are being offered by the Minnesota Chapter of the American Fisheries Society and the Minnesota Dept. of Natural Resources. The two workshops are the same; sign up for either one but not both. A combination of classroom lectures and field exercises will teach stream typing and its applications as well as fundamental hydrology and hydraulics of rivers. In addition, a bus tour will be included to familiarize students with the various stream types that they are likely to encounter in the field. These workshops are designed to provide participants with a basic understanding of fluvial geomorphological concepts as well as the essential tools for classifying streams to Level 1 and Level 2 using the Rosgen classification methodology. Class participants' knowledge will be tested on course material covered, including practical hydrology, bankfull indicators, surveying, and stream classification. Workshop presenters will include

Luther Aadland, Ian Chisholm, Karen Terry, and Kevin Zytkevich, all with the MN DNR, and Sandy Verry with the USFS.

The workshops will be held 3-7 June 2002 at Whitewater State Park near Elba, MN and 16-20 September 2002 at Fergus Falls, MN. The registration fee is \$125, which includes all classroom materials, the bus tour, lunch Tuesday through Thursday, and dinner on Wednesday. Students will be on their own for all other meals. The class is limited to 40 students; spaces will be filled on a first-come, first-served basis. Students should expect to get dirty during field work and come prepared to participate in active problem-solving lessons. To sign up for the workshop, call or email Karen Terry (218.739.7449, karen.terry@dnr.state.mn.us).

Midwest Fisheries Conference
Bettendorf, Iowa
December 3-5, 2002

Due to the cancellation of the 2002 Midwest Fish and Wildlife Conference, the American Fisheries Society (AFS) – North Central Division (NCD) will be sponsoring a Midwest Fisheries Conference in December

Place: Isle of Capri Hotel
1777 Isle Parkway
Bettendorf, Iowa
1-800-724-5825

<<http://www.fw.umn.edu/ncdafs>>ww
w.fw.umn.edu/ncdafs

Contact: Chris Guy at
<<mailto:chrisgy@ksu.edu>>chrisgy@k
su.edu or (785) 532-6634

Registration: There will be NO onsite registration. Pre-registration information and the 1st call for papers will be available by June. Participation will be limited to the first 400 registrants.

Program: The conference will begin on December 3 with mid-afternoon

AFS-NCD Technical Committee meetings followed by a social. Concurrent technical presentations are being planned on December 4 and 5 (approximately 81 platform presentations and 12 poster papers), with the conference adjourning by noon on Thursday. The AFS-NCD business meeting will be held late afternoon on December 5. All this, plus social arrangements featuring the best of Iowa hospitality, all at a modest price. Plan to attend.

Of Interest

A thanks from Bill Thorn

At the Chapter banquet, I was too surprised to adequately thank the members when I received an award. Therefore, I want to formally thank the Chapter and its members. This award is a real honor. Thank You.

MAINSTREAM on the web

The Spring issue of MAINSTREAM is now available on the internet. This electronic newsletter is a source for summaries of AFS happenings in NA's heartland, insane editorials, and selected pieces of good humor. At the 2001 Annual Meeting the EXCOM decided to move to electronic distribution of the Mainstream. This purely electronic newsletter can be found at:
<http://www.fw.umn.edu/ncdafs/mainstream.html>

What's new at AFS?

Read all about it at
<http://www.fisheries.org/>

On the Underside

Submitted by Mark Hove

"Never trust a dog to watch your food." Patrick, age 10

"When your dad is mad and asks you, 'Do I look stupid?' don't answer." Hannah, 9

"Never tell your Mom her diet's not working." Michael, 14

"Stay away from prunes." Randy, 9

"Never pee on an electric fence." Robert, 13

"Don't squat with your spurs on." Noronha, 13

"Don't pull dad's finger when he tells you to." Emily, 10

"When your Mom is mad at your dad, don't let her brush your hair." Taylia, 11

"Never allow your three-year old brother in the same room as your school assignment." Traci, 14

"Don't sneeze in front of mum when you're eating crackers." Mitchell, 12

"Puppies still have bad breath even after eating a Tic-Tac." Andrew, 9

"Never hold a dust buster and a cat at the same time." Kyoyo, 9

"You can't hide a piece of broccoli in a glass of milk." Armir, 9

"Don't wear polka-dot underwear under white shorts." Kellie, 11

"If you want a kitten, start out by asking for a horse." Naomi, 15

"Felt markers are not good to use as lipstick." Lauren, 9

"Don't pick on your sister when she's holding a baseball bat." Joel, 10

"When you get a bad grade in school, show it to your Mom when she's on the phone." Alysha, 13

"Never try to baptize a cat." Eileen, 8

 MN Chapter AFS Continuing Education Survey

The Minnesota Chapter of the American Fisheries Society is updating continuing education needs and interests of our membership. This updated information will be used to guide development of future continuing education workshops sponsored by the Chapter. Historically, the Chapter has received little response to these kinds of inquiries. With the revised Professional Certification procedures recently implemented by the parent society, it is now more important than ever to pursue professional development. This survey is your vehicle for influencing what's offered, so take a moment to fill it out and return it to the Continuing Education Committee at: Michael Duval, MnDNR, Regional Fisheries Office, 1601 Minnesota Drive, Brainerd, MN 56401

Or via email: michael.duval@dnr.state.mn.us

Instructions: Please review the following list of continuing education topics and indicate those proposed courses you would be interested in attending. You may select as many courses as interest you, and you are encouraged to insert others that would be beneficial to your professional development. For the courses you select, please prioritize them by indicating your highest priority numerically beginning with "1" and so on through to your lowest preference.

Topic Area and Proposed Course	Rank	Topic Area and Proposed Course	Rank
Biology		Statistics	
Population dynamics		Refresher statistics	
Multi-species interactions		Spatial statistics	
Non-indigenous species		Fisheries/culture math	
Diseases/parasites		Non-parametric tests	
Genetics		Multi-variate statistics	
Other:		Other:	
Management		GIS/Computers	
Hab. enhancement/restoration		ArcView primer	
Watershed processes		Kriging and interpolation	
Lake reclamation		Other:	
Land preservation/protection		Fish culture	
Other:		Disease control	
Techniques/technology		Hatchery techniques	
Standard sampling methods		Pond management	
Instream flow		Reclamation techniques	
Fish/critter ID		Other:	
Plant ID		Population Modeling	
Hydroacoustics		Population estimation	
Rosgen methodology		F.A.S.T. and other models	
Age and growth		Other:	
Tags and tagging		Human Dimensions/Socioeconomics	
Remote sampling		Public involvement	
Aquatic plant restoration		Conflict management	
Other:		Natural resources economics	
Contaminants		Facilitation/mediation skills	
Environmental contaminants		Other:	
Other:			

Comments:

2001-2002 Minnesota Chapter of the American Fisheries Society
Chapter Officers

President	Brian Borkholder	brianborkholder@fdlrez.com	218-878-8004; fax 218-879-4854
President-elect	John Heibert	john.heibert@dnr.state.mn.us	763-675-3301;
Past President	Brad Parsons	brad.parsons@dnr.state.mn.us	320-634-4573; fax 320-634-4576
Secretary-Treasurer	Donna Dustin	donna.dustin@dnr.state.mn.us	218-847-1579; fax 218-847-1588

Excom Members

Minnesota DNR	Joe Ostazeski	joe.ostazeski@dnr.state.mn.us	218-927-3751
Federal	Brain Healy	bhealy@fs.fed.us	218-335-8685
Academic	Don Cloutman	dgcloutm1@vax1.bemidji.msus.edu	218-755-2877
Open	Andy Edwards	aedwards@1854.org	218-722-8907

Committee Chairs*Standing Committees*

Awards	Melissa Drake	melissa.drake@dnr.state.mn.us	651.772.7966
Issues	Brad Parsons	brad.parsons@dnr.state.mn.us	320.634.4573
Long Range Planning	Henry VanOffelen	henry.vanoffelen@dnr.state.mn.us	218.847.1579
Membership	Brian Healy	bhealy@fs.fed.us	218.335.8685
Nominations	Shannon Fisher	shannon.fisher@dnr.state.mn.us	507. 831.2919
Public Education	Eric Altena	eric.altena@dnr.state.mn.us	763.675.3301
Resolutions	Jeff Weiss	jeffrey.weiss@dnr.state.mn.us	507.467.2442
Students	Deb Brister	djb@fw.umn.edu	612.625.3183

Special or Ad Hoc Committees

Fishing Round Table Delegate	Mark Hove	Mark.Hove@fw.umn.edu	612.624.3019
Fund Raising	Tom Burri	tom.burri@dnr.state.mn.us	218.286.5220
FWLA Delegate	Bruce Vondracek	bcv@finsandfur.fw.umn.edu	612.624.3421
	Don Pereira	don.pereira@dnr.state.mn.us	651.772.7962
Historian	Jeff Sluiter	jsluiter@yahoo.comopen	952.432.6992
Continuing Education	Mike Duval	mike.duval@dnr.state.mn.us	218.828.2271
	Ray Valley	ray.valley@dnr.state.mn.us	651.793.6539
	Phil Talmage	philip.talmage@dnr.state.mn.us	651.284.3587
Procedure Manual	open		
RYBA Editor . Newsletter	Loren Miller	lmm@fw.umn.edu	612.624.3019
Webmaster	Wansuk Senanan	ws@fw.umn.edu	612.624.0744
MN TWS Representative	Mike North	michael.north@dnr.state.mn.us	218.828.2433
MN Science Fair	Shannon Fisher	shannon.fisher@dnr.state.mn.us	507. 831.2919

NCD Tech Committees

Rivers and Streams	Tom Groshens	tom.groshens@dnr.state.mn.us	218.755.2974
Salmonid	Pat Rivers	pat.rivers@dnr.state.mn.us	651.345.3365
Centrarchid	Mike McInerny	mike.mcinery@dnr.state.mn.us	320.234.2562
Esocid	Rod Peirce	rod.pierce@dnr.state.mn.us	218.327.4452
Walleye	Todd Kolander	todd.kolander@dnr.state.mn.us	507.362.4223
Ictalurid	Kevin Martini	kevin.martini@dnr.state.mn.us	218.634.2522

Internet: Minnesota Chapter, www.fw.umn.edu/mnafs; North Central Division, www.fw.umn.edu/ncdafs; American Fisheries Society, www.fisheries.org. All past issues of RYBA can be found at the Chapter website.

Minnesota Chapter AFS
Attn: Loren Miller
Dept. Fisheries and Wildlife
200 Hodson Hall, Univ. of Minnesota
1980 Folwell Ave.
St. Paul, MN 55108

