THE TELEOGRAM

Wisconsin Chapter American Fisheries Society Newsletter

Published quarterly and as needed by WI-AFS.

Compiled by Chapter Members. Edited by Martin P.A. Griffin ***Martin.Griffin@dnr.state.wi.us***

PRESIDENT'S MESSAGE

Speak up!

My dear fish-friends,

This Chapter exists solely to serve its members. The Chapter becomes stronger as it grows, and its service to its membership improves as more individuals actively participate in driving the Chapter to fulfill its purposes:

- **To improve the conservation and sustainability of fishery resources**
- **To advance understanding of aquatic resources by sharing information**
- **To promote the development of fisheries professionals**

Implicit in that mission statement is the duty to advocate for actions that leads to its fulfillment. The Chapter provides a platform from which we can speak collectively, independent of politic and policy. Some may debate, some may cringe, but I firmly stand on the side that our duties as scientists extend beyond merely seeking knowledge. Our duty is to teach what we learn, to see knowledge become action by advocating for its implementation in policy, and to do what's right for the resources we steward. It's what we do, and it's good work.

At our January meeting, the Chapter unanimously approved a resolution supporting fishing license fee increases proposed by the Wisconsin Department of Natural Resources. It is our contention that adequate, secure funding and personnel are essential for effective management, conservation, and enhancement of fisheries in this State. The Department of Natural Resources' mission as related to fisheries is also that of the American Fisheries Society.

Glenn Miller and I have worked at passing that resolution to the State legislature. However, it is imperative that you as a member make your individual voice heard to your local representatives and the Joint Finance Committee. A short, direct message is all that it takes- "Dear Senator X, I am a member of the American Fisheries Society, Wisconsin Chapter, writing to ask that you approve all Wisconsin DNR fishing license fee increases as proposed in the Governor's budget." Some letter-writing tips may be found at the **Wisconsin League of Conservation Voters website**. Locate your **legislators** (accessible through **Wisconsin.gov**) and the **Joint Finance Committee Members**.

We tend to focus on elections as the time to "speak" our political voice, but that is merely an orchestrated, visible time. Once the dust settles, elected officials must be instructed as to what to do. Never let a person tell you the results of an election are a "mandate." That is an absurd, grossly ill-informed misrepresentation of representative government. An election is simply "hiring" a person to serve in a job; we, the electorate, remain the "boss." Our letters, calls, and contacts are the means of directing an elected official as to how to do the job properly. (We'll remain pleasantly idealistic for a moment).

I implore you to stop reading this and write your one-paragraph letter and mail it NOW! This is time-sensitive- act within the week. Tell me that you did it, and get someone else to write, too- let him or her plagiarize your letter. Be loud! Remember that it's for the dang fish.

Joe

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EDITOR'S NOTE

After a long hiatus (I think the last newsletter was published in July 2004). It is with much pleasure I present to you the April 2005 edition of the chapter newsletter. As in the past *The Teleogram* will be published on a quarterly basis. Thanks to all who sent in some great articles for this edition and please keep sending more so the August edition is as jam packed as this one!
Martye

MEETING RECAP

34th Annual Business Meeting
January 12th 2005 — La Crosse, WI

Call to order was made by President Kurt Welke at 4:10 p.m. After agenda adoption, Kurt recognized past WI Chapter AFS presidents attending the meeting and the Executive Committee. Steve Yeo was also recognized for breaking his own record for meeting attendance, with 34 annual meetings under his belt.

Approval 2004 Meeting Minutes

Joe Hennessy moved to approve the minutes, seconded by Phil Moy. The motion passed without dissenting votes.

Treasurer's Report 2004

The treasury had a starting balance on January 8th 2004 of $11,176.10. The Chapter continues to be well in the black, thanks to contributing members and the receipts from the 2004 parent society meeting in Madison. Justine Hasz reported that the 2004 chapter meeting registration receipts were $8231.50. The annual meeting raffle netted $1687.87 and T-shirt sales brought in $465. The dividends from the 2004 parent society meeting were $3406.17 from the raffle and $13,117.55 from the host revenue. One Midwest Scholarship CD account matured in July of 2004 at $6917.66, this money will be used during 2005 to fund scholarships. Receipts for the year totaled $42784.79. Disbursements for the year were $18322.29, $10,000.00 was used to create a statewide scholarship fund. Our total balance at the end of the year (checking, savings and CD) was $41,100.15 (on January 6th 2005). Phil Moy moved to accept the treasurer's report, seconded by Joe Hennessy. The motion passed without dissenting votes

Starting Balance (01/08/2004)	**$11,176.10**
Receipts	
2004 Annual Meeting Registration	$8,231.50
2004 Meeting reimbursement from Michigan Chapter	$1,481.15
2004 Membership Dues	190.00
2004 Meeting Raffle	$2,231.00
T-Shirt Sales	$465.00
Parent Society Membership Rebate	369.36
2004 Parent Society meeting refund from J. Nelson	$6,085.43
Statewide scholarship fund	$259.97
Matured Midwest CD accounts	$6,917.66
2004 Parent Society Raffle Revenue	$3,406.17
2004 Parent Society meeting Revenue	$13,117.55
2005 Membership Dues	$30.00
Total Receipts	**$42,784.79**
Disbursements	
2002 Annual Meeting	$6,012.20
2004 Meeting Raffle	$543.13
2005 Annual Meeting	$500.00
Joan Duffy Award	$100.00
Steve Serns Award	$125.00
Best Student Presentation	$75.00
Threinen Award	$25.00
Skinner Memorial	$0.00
Scholarship Escrow	$0.00
NCD Meeting	$0.00
Vanguard Trust (Statewide Scholarship)	$10,000.00
Chapter Web Page	$486.00
Display Board	$226.46
Parent Society Dues	$76.00
Discretionary	$153.50
Total Disbursements	**$18,322.29**
Receipts - Disbursements	$24,462.50
Checking Account Balance (12/29/2004)	**$35,638.60**
Savings and CD account interest (thru 12/31/2004)	$87.40
Savings and CD balance as of (12/31/2004)	$5,461.55
Total Balance (Checking, Savings and CD)	**$41,100.15**
Prepared by Justine Hasz 01/06/ 2005	

2005 Best Paper Award Winners with El Presidente

MEETING RECAP CONT'

Awards

The Best Paper Award for 2004, went to Roger Bergstedt and Ray Argyle for their paper on "An In Situ Look at Chinook Salmon Temperature and Depth Preferences", Nick Johnson came away with the Best Student Paper Award for his presentation on "Species specificity of the male sea lamprey (*Petromyzon marinus*) sea pheromone 3-keto petromyzonal sulfate". Both award recipients were members of the Michigan Chapter and will be presented with their awards during their annual meeting in February.

Newsletter

Martye Griffin is the new newsletter editor and associate editor is Nancy Nate, welcome aboard to both. The chapter newsletter is now fully electronic and will come out quarterly to view a copy go to **www.fisheries.org/wiafs**. If you have information that you would like posted in the newsletter please contact Martye at **Martin.Griffin@dnr.state.wi.us**

Continuing Education

Tom Slawski stepped down as the continuing education chair and was replaced with Steve Avelallemant. Four continuing education courses are expected to be offered during 2005. The first will be a Genetics class taught by Brian Sloss at UW-Stevens Point 28-30 March. Other classes being worked towards include Fish health / disease and fish identification. For up to date information on classes being offered visit our web site frequently. If you would like to host a class or want more information about continuing education please contact Steve at **Steven.Avelallemant@dnr.state.wi.us**

Time and Place 2006

A joint meeting with Minnesota and/or Iowa is being investigated for 2006. Stay tuned to the web site for updates.

Raffle and Revenue

Steve Gilbert reported that more high-ticket items were available for this years raffle with several framed prints being purchased and some left over prizes from August's meeting. The raffle team seeks to increase our revenues with mouse pads, caps and T-shirts with Ray Trolls artwork. The T-shirt has the Chapter logo on the sleeve. These items are available through Steve Gilbert for under $20. If you would like to donate items for the raffle or would like to purchase any of the Ray Troll items please contact Steve at **Stephen.Gilbert@dnr.state.wi.us** .

Membership

Gene Hatzenbeler stepped down as the chair of the membership committee, Tim Simonson is the new chair and Phil Moy will be the aquaculture liaison. For information on memberships please contact Tim at **Timothy.Simonson@dnr.state.wi.us**

Resolutions

Glen Miller was unable to attend he meeting so Phil Moy filled in and brought 5 items to the group for discussion. Resolutions had been available to membership to view throughout the meeting.

1. ***Resolution to Support Banning the Use of Asian Carp in Wisconsin Waters and to Follow the Aquatic Nuisance Species Task Force Risk Assessment Protocols.*** Resolution was read and a motion was made by Al Hauber to support the resolution, seconded by Pat Schmalz. A discussion followed and a revised motion was made by Al Hauber to include language that added possession of live Asian carp into the resolution, Pat Schmaltz seconded the motion. The motion passed without dissenting votes.
2. ***Resolution to Support Legislation to Modify State Statutes to use the American Fisheries Society guidelines when determining freshwater mussel restitution values.*** Resolution was read and a motion was made by Phil Moy and seconded by Al Hauber to support the resolution. The motion passed without dissenting votes.
3. ***Resolution to Support Legislation to Modify State Statutes to use the American Fisheries Society guidelines when determining fish restitution values.*** Resolution was read and a motion was made by Phil Moy and seconded by Dave Vetrano to support the resolution. The motion passed without dissenting votes.
4. ***Resolution to Support License Fee Increases as Approved by the Wisconsin Natural Resources Board in December 2004.*** Resolution was read and a motion was made by Al Hauber and seconded by Phil Moy to support the resolution. The motion passed without dissenting votes.
5. ***Resolution Opposing Position Reductions in the Wisconsin Department of Natural Resources Fisheries Management and Habitat Protection and Integrated Science Services Programs as Proposed by the Wisconsin Natural Resources Board.*** Resolution was read and a motion was made by Al Hauber and seconded by Phil Moy to support the resolution. The motion passed without dissenting votes.

If you have resolutions that you would like addressed by the membership please contact Glenn at **glenn_miller@fws.gov**

MEETING RECAP CONT'

Scholarships

The Chapter has two scholarships, the Frie Scholarship available only to UWSP students, and the Statewide Scholarship, both are awarded at the level of $500. John Nelson awarded the 2005 Frie scholarship to Erich Parizek . The Statewide General Aquatic scholarship had $10,000 placed into two vanguards during 2004 and has already made $260. The first statewide scholarship award will be presented in 2005. John also reported about Frie's 11 year old son who is now living with his Grandparents as his mother was killed in an automobile accident a couple of years ago. John is looking for people who may have some time to take Frie's son on a fishing trip or two. If you have time please contact John for more information at **John.Nelson@dnr.state.wi.us**.

Student Subunits

Josh Schloesser, UW-Stevens Point Sub-unit President gave an up date on the activities of the sub-unit during 2004. Lindsey Lesmeister introduced herself as the spokesperson for the newly forming student sub-unit from Northland College. Glenn Miller has been working with Northland College to create this new student unit. Both schools brought a good number of students to the meeting.

Web Site

Joe Hennessy reported that the web site had been reduced in size by removing old meeting documents to reduce costs. If you have any materials that you wish to be posted on this web site please send them to Joe. Please visit the site frequently as updates are made to the site regularly If your information on our membership page is incorrect on the web site please contact Tim Simonson with the corrections.

North Central Division Technical Committee Updates

Updates were given for the following committees; Centrarchid (Pat Schmalz), Esocid (Steve Avelallemant), Walleye (Steve Gilbert), Rivers and Streams (Paul Kanehl), Genetics and Biodiversity (Brian Sloss). Randy Piette was assigned to the Ictalurid committee.

OLD BUSINESS

There were two items of old business, Fish age estimation book, John Nelson will continue to work on this throughout the winter, if you have any ideas or something to contribute to this book please contact John Nelson.

Phil Moy gave a report on the outcome of the Parent society meeting held in Madison during 2004. The meeting was held with great success and very few problems. Many thanks to all of you who helped in some way to make this meeting one of the largest attended in AFS history. Phil also took this time to present those members who served on committees for the 2004 meeting with a plaque of appreciation.

NEW PRESIDENT

Kurt Welke handed over the presidency to Joe Hennessy for 2005. Joe was escorted to the front by past presidents John Nelson and Phil Moy. Now President Joe Hennessey presented a plaque to now past-president Welke, who was thanked for his dedication to our Chapter.

Nominations and Elections

Steve Avelallemant and Justine Hasz were announced as the two runners for the 2005 presidency race. Pat Schmalz and Brad Eggold were announced as the two candidates for secretary/treasurer. Ballots were cast, no mail in ballots were available. Justine Hasz won the election for president-elect in a tightly fought race and Pat Schmalz won the election for secretary/treasurer. Congratulations Justine and Pat!

Committee Chair Assignments

All committees have chairs. Several chairs have changed hands during 2004.

- Newsletter: Martye Griffin replaces Josh Marron
- Membership: Tim Simonson replaces Gene Hatzenbeler
- Continuing Education: Steve Avelallemant replaces Tom Slawski

NEW BUSINESS

Proposed Budget 2005

Joe Hennessy gave a detailed account of his proposed 2005 budget. Steve Avelallemant made a motion to approve the budget and was seconded by Kurt Welke. The motion passed without dissenting votes.

Hutton Junior Fish Biologist Program

Dave Vetrano mentored a student in 2004 through the Hutton program and he gave a presentation to his student for completion of the program.

Northland College Student Sub-Unit

The processes are being followed for the installation of the new Student Sub-unit at Northland College, it is expected that the sub-unit will become official during the summer of 2005.

MEETING RECAP CONT'

Fishes of Wisconsin River Poster

Joe will move ahead with the creation and design of the Fishes of the Wisconsin River Poster.

Chapter Dues Collection

Presently there are 80 members of the Parent society that are not members of the Wisconsin chapter. The parent society can add Wisconsin to the check off box list of chapters and collect the $10 dues at no cost to the chapter. The parent society would then cut a check to the chapter twice a year for those members that have paid. A motion was made to add the check off box to pay chapter dues to the Parent society. Kurt Welke made a motion to approve the collection of chapter dues by the Parent Society, this was seconded by Phil Moy. The motion passed without dissenting votes.

2007 Midwest Fish and Wildlife Conference

The 2007 Midwest Fish and Wildlife Conference will be held in Wisconsin. We are working with the Wisconsin Chapter of the Wildlife Society.

2006 Joint Meeting Minnesota

Wisconsin has been approached by Minnesota about holding a joint meeting in 2006, a Motion was made to pursue a joint meeting by John Nelson and was seconded by Kurt Welke. The motion passed with no dissenting votes.

Meeting adjourned at 5:30 p.m.

ANNOUNCEMENTS

Name That Scholarship

John Nelson

The time has come to name the "Statewide Scholarship". Ideally it should be named after a past or present Wisconsin Chapter member that was instrumental in furthering the education of budding fisheries biologists. Please contact John Nelson, with your ideas so we can give the scholarship this coming fall. The names will be considered at an upcoming Executive Committee meeting. Thanks. Please Send ideas to: **John.Nelson@dnr.state.wi.us**

Northland College Sub-unit Summary

Lindsey Lesmeister

Since the January '05 Wisconsin AFS meeting, several of the members of the sub-unit have been able to make contacts with agencies throughout the State of Wisconsin. Four students went to Lake Winnebago for the Lake Sturgeon spearing registration stations, and were also able to help Ron Burch and Glenn Miller gathering data for a fecundity study. Currently four students are volunteering their time at the USFWS in Ashland. The opportunity has enabled them to age scales, analyze stomach contents, enter data, and repair nets.

Our first couple months have been very eventful. The first annual fishing tournament was held at Star Lake near Drummond, with a good turn out of about 20-25 people, despite a 12 inch snowfall and near blizzard conditions. The categories were panfish, northern pike, and smallest fish. The largest pan fish was yellow perch of 7.5 inches, the winning northern was 24.25 inches, and the smallest fish was 3.5 inches which was a bluegill. With help from local business, several great door prizes were given away , from a jigging rod to lures. With help from our secretary Kelly Deem there was a large amount of food, chili, brat/hotdogs, potatoes, cookies, and hot chocolate, and I do believe this is the only reason why Glenn Miller made an appearance around noon. It was a very successful fund raiser and the sub-unit was able to interact with the public.

Other activities in the works are a social gathering for smelting, the biggest sucker contest from Bay City creek which runs through campus, a subunit t-shirt contest, and in April we well be helping Trout Unlimited at their Expo. The Northland College community is very excited about the opportunities afforded by the sub-unit and the sub-unit itself is expecting great things.

2005 Frie Scholarship

John Nelson

The 2005 winner of the Richard Frie Memorial Scholarship is Erich Parizek of Two Rivers, Wisconsin. Erich is a junior majoring in Fisheries/Limnology and Biology. He plans to go on to graduate school to pursue a master's degree in fisheries and eventually become a fisheries biologist. He has been a member of the UWSP Fisheries Society since his freshman year.

Erich wrote a note of thanks to the Chapter. He stated that he was "very grateful to have gotten this scholarship."

ANNOUNCEMENTS CONT'

Record Year for Raffle

Steve Gilbert

Here are the details from the 2005 state chapter raffle. This year may have been a record year for the raffle. WAFS made a profit of $1,866.69. This is about twice the income expected from a typical Wisconsin only meeting. In the past ten or so years that I have been involved with the raffle, I cannot remember a better earning event; and this includes any past joint meeting!

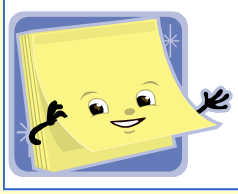
Prizes and Materials

The number one prize was the Mathews bow. There were 592 tickets sold for this prize. Assuming that all tickets were bought at the 30 for $20 rate that comes out to $395.00 in sales. The framed prints, fish table, kayak, and fishing rod combos also brought in lots of ticket sales. As this was a unique year for high-end prizes this amount of revenue should not be expected from future raffles.

Raffle Donors

Marine General; Gander Mountain; Stoney Creek Inn; Frabill Inc.; University of Wisconsin Press; Wild Heartland; Northern Art Images; Wolf Moon Trout Nets; Wild Wings; Heards House of Wood; Du Wayne Gebken; Recon Maps and Charts; Mapping Specialists; River Wild Winery; Edison Beverage Co.; Beckman Net Co.; LaCrosse Footwear; Steve Hilt; Thunder Mountain Press; Duck Unlimited Onalaska Chapter; Ed White - GLIFWC; Mathews Inc.

Need to Renew Your Membership?



E-mail Tim Simonson at **simont@dnr.state.wi.us**
Or you can send in the renewal form located on the last page of this newsletter...

T-shirt, Mouse Pad, and Bags Sales

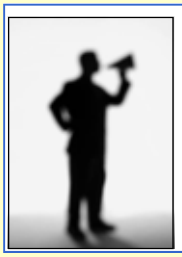
Non-raffle item sales at the meeting came to $342.00. All the 2004 meeting bags are gone closing the books on that item. The supply of Ray Troll T-shirts and other related items is fast running out. Only 9 mouse pads and about 20 shirts of various designs and sizes remain. A discussion on if we want to order more of these items or go a different direction with this fundraiser should be started.

Thanks again to all the members who donated items or helped with the raffle. Without your help I would be lost. As always, I am looking for items for future raffles. If you have items or have a connection to someone who would be willing to donate an item contact me at **gilbes@dnr.state.wi.us**. Just about anything is fair game.

AFS Award of Excellence

The AFS Award of Excellence, the Society's highest award for scientific achievement nominations are due shortly. The nomination deadline is May 5, 2005. The award consists of a bronze medal; a plaque, and honorarium. The award is presented at the annual meeting of the Society, this year in Anchorage, Alaska.

Nomination materials can be sent via electronic, mail or fax. Materials should include a detailed letter of nomination to address award criteria, vitae of nominee, and additional supporting materials as needed. For more information on this award contact Christine Moffitt at (208)885-7047 or at **cmoffitt@uidaho.edu**



Don't' Forget!

The deadline for articles to be submitted for the next edition of *The Teleogram* (August 2005) is **FRIDAY, JULY 29TH**

ANNOUNCEMENTS CONT'

The Time is Now to Apply for Statewide Scholarship

John Nelson

For the first time in Wisconsin Chapter history, a "Statewide" scholarship will be offered to Junior, Senior or Graduate Students who do not attend the UW-Stevens Point. The scholarship is anticipated to be $500 in 2005 and perhaps higher in the future. It will be given to a student majoring in a Fisheries Science related program at a Wisconsin based university. The student must also be a student member of the Wisconsin Chapter of AFS. Contact me with questions at: **John.Nelson@dnr.state.wi.us**

Please **click here for a complete copy of he scholarship criteria and application** The deadline for application materials is June 1st

Have Money Will Travel

Steve Chipps

The John E. Skinner Memorial Fund was established in memory of John Skinner, former Chapter and Western Division American Fisheries Society President. The fund provides monetary travel awards for deserving graduate students or exceptional undergraduate students to attend the American Fisheries Society (AFS) annual meeting. This year the 2005 meeting will be held in Anchorage, Alaska from September 11-15. Completed applications must be received by May 6, 2005.

Any student who is active in fisheries or related aquatic disciplines is eligible to apply. Awardees are chosen by a committee of the AFS Education Section. Selection is based on academic qualifications, professional service, and reasons for attending the meeting. Travel support not to exceed $600 per award will be made available to successful applicants. Award winners will also receive a one year paid membership to AFS. Applications are available at **www.fisheries.org**, your AFS campus representative, or you can contact Dr. Steven R. Chipps at (605)688-6121 or **steve_chipps@sdstate.edu**

Comments Sought

AFS Announcement

The editorial team for the forthcoming (ca. 2007) Third Edition of *Fisheries Techniques* (Al Zale, Donna Parrish, and Trent Sutton) seeks input on the content and format of the planned Third Edition. If interested, **please take a moment to answer the following questions and share your views** on what the next edition of Fisheries Techniques should be. This is a great opportunity to make the Third Edition more useful and relevant for you. All responses will be considered seriously and treated confidentially.

COMMUNICATING SCIENCE

Recent Fish Kills Elevate Manure Management Discussions

Kurt Welke

The way things are shaping up, Spring 2005 may be remembered as a pivotal moment in the way agriculture and natural resources co-exist in Wisconsin. Recent warm weather has mobilized melt water that has found easy paths to surface waters over frozen ground. If you've been reading the papers, you have been exposed to more frequent news of fish kills where manure has been implicated as the causative agent, either from ammonia toxicity or oxygen depletion.

From the South Central Region there have been 11 recent events of manure delivery to waterways, some of which have seriously impacted the public trust in terms of sport and non-game fish losses, lost recreational opportunity, and contamination of ground water.

The Department of Agriculture is currently **accepting comments on rules (ATCP 50)** that deal with manure spreading standards. The comment period closes in April. This comment period offers both our chapter and its members a chance to comment on the way manure is currently managed and what changes might be made as it effects the aquatic environment and fishery resources.

Fisheries staff in SCR have employed new tactics in dealing with spills and accidental discharges in order to minimize effects. The use of a deep till dozer and spray polymer are two new strategies to keep manure in place and prevent its mobilization. While these efforts have not prevented every delivery event, some success has been realized and these experiences can be of value to others dealing with valuable fisheries in agricultural landscapes.

The manure issue is complex and difficult in a state where both agriculture and fishing are central to our identities. The current discussions offer a chance to let the record reflect the facts that have emerged this spring. The dialogue is open. I encourage all chapter members to learn how their concerns can be heard and to use their professional expertise to add constructive comment to the conversation.

COMMUNICATING SCIENCE CONT'

Different Techniques to Restore Critical Habitats in Forest Lakes

Nick Schmal

The Chequamegon-Nicolet National Forest (CNNF) is using a different technique to restore critical habitats in its lakes. In the last 10-15 years, scientists have studied and realized the importance large trees have on aquatic species. The term Large Woody Debris (LWD) has become a household word amongst the fish and wildlife management fields. When there are few large trees along a lakes shoreline it becomes a challenge to get natural recruitment of LWD into a lake.

Thus, it has long been discussed, "how do we get trees into lakes in a cost effective, safe, and environmentally friendly way." In the recent past the Forest Service has used winches, bulldozers, ATV's, and helicopters to get trees into lakes and rivers because its biologists and technicians understand the importance of this habitat component for a healthy fish community. Skidders have historically been used to "get the cut out," not necessarily restore fish habitat.

But in February 2005, a skidder was used to place 30 whole trees into a lake near Wabeno, WI, to restore fish habitat. The below zero temperatures weeks before allowed Richardson Lake's ice to increase from 6 inches to 17 inches. This was more than enough to support heavy equipment based on a scientific calculation and then the real live field test. Math is good for something! In this case it worked without a flaw.

A skidder places whole trees in a lake near Wabeno, WI, during a project to enhance fish habitat in the CNNF.

Before the skidder was brought in, Forest Service employees used chainsaws to cut and strategically fall the trees so that the cable skidder could get to them and drag them out of the woods. The trees were cut from a red pine plantation ¼ to ½ mile away from the lake, and were dragged out of the woods and down a gravel road and onto the frozen lake via an existing boat landing.

Safety as we know is engrained into our minds. Sometimes though, it paralyzes us on utilizing new and creative techniques to get a job done. Because of this nothing like this has ever been done before on the CNNF. A small, lightweight skidder was used and we had more ice than the calculations said we needed for the weight we were operating at on that day. The following formula is for clear, hard ice with no air bubbles was developed by the US Army Corps of Engineers, and states simply: The thickness of ice in inches is five times the square root of the vehicle weight in tons. For example, a 4-ton vehicle needs 10 inches of ice, and 11-tons needs 16.6 inches of ice, etc.

The trees were placed on the ice in singles and groups. The groups of trees were crisscrossed to resemble a log-jam, which adds more complex structure to the lake. All the trees were placed perpendicular to the shore. "We want the project to appear as natural as possible. Once the ice melts and the trees settle in, it should look like the trees just fell into the lake. What could be more natural than that?"

Although this project's main intent was to enhance and restore physical structure to the lake to benefit the fishery, it will also benefit reptiles, amphibians, birds, and furbearers. Sue Reinecke, Forest Fisheries Biologist and Bob Young, Fisheries Manager from The Wisconsin DNR were on site the day the project was done. They were big supporters of this project and are now interested in implementing this technique on other lakes.

A special thanks goes to Forest Service employees Don Huettl, Bill Roder, Nicole Shutt, and Scott Anderson for without their help this project would not have been possible.

TRAINING & SEMINARS

Centrarchid Bioenergetics

A workshop sponsored and hosted by AFS North Central Division Centrarchid Technical Committee on July 19-21, 2005 at Wyalusing State Park, WI. Watch the Chapter and Division websites for further details, or contact Keith Hurley at **khurley@ngpc.state.ne.us**

East Coast Trout Management & Culture Workshop IV

Lock Haven State University and the Southern Division AFS Trout Committee announce the 4th East Coast Trout Management and Culture Workshop June 6-8, 2005 at Lock Haven State University in Lock Haven, PA. This workshop is unique in providing a forum for both managers and trout culturists to share results, techniques and concerns. Since East Coast III in 2000, priorities, concerns and public demands have shifted for both management and culture staffs.

This conference will emphasize presentations on the current status of native brook trout populations, brook trout management, trout stream restoration, challenges of new hatchery effluent standards, hatchery BMPs and renovations, and the impact of any change in production on management programs. All other topics related to trout management will be considered for inclusion in the workshop program as well. Fisheries managers, culturists, researchers, administrators, and sportsmen are encouraged to participate in this workshop.

The workshop agenda, registration form, and additional meeting information can be downloaded from the **Southern Division AFS Trout Committee's website**. Pre-registration is strongly encouraged and registration rates will increase after April 2005.For additional meeting information contact Steve Reeser at **steve.reeser@dgif.virginia.gov**

Fluvial Geomorphology & Stream Classification Workshop

A continuing education course sponsored by the Michigan Chapter of the American Fisheries Society

June 20 -24, 2005, Marquette, Michigan

Instructed by *Luther Aadland, Ph.D., Research Scientist Minnesota DNR, and Sandy Verry Ph.D., Consulting Hydrologist with Ellen River Partners in Grand Rapids, Minnesota*

Past river management has ignored principles of fluvial geomorphology, resulting in projects that have unintended negative consequences, require ongoing maintenance and, in many cases, cause damages to the river ecosystem. This course will employ classroom and field exercise to introduce the principles of fluvial geomorphology and to discuss implications for river management.

This course is open to all and will be especially beneficial to anyone who works with rivers.

Participants are expected to complete classroom and field work to collect, analyze, and present stream classification and fluvial geomorphology data. At the end of the course, students will have a better understanding of the components of healthy rivers, stream classification (Rosgen), watershed hydrology, basics of bankfull hydraulics, impacts of land use on stream geomorphology, and the methods needed to successfully conduct river projects, such as culvert placement on small to medium sized streams.

Specific skills will be developed in the following areas: Level Surveying (Laser Level & Tape measurement and monumentation); Finding Bankfull Elevation; Stream Measurement- Stream Dimension (Cross Section), Stream Pattern (Plan View), Stream Profile (Longitudinal Section and Slope), and Stream Sediment (Wolman Pebble Count); Stream Classification; and use of the Mecklenburg Excel Spreadsheet for data entry

There will be two student scholarships of $250 available. For more information on how to register, please contact Nicole White at **nwhite@nmu.edu** or visit **http://www.fisheries.org/miafs/fluvialgeo_ann.html**. We do expect the class to fill quickly, so please do not delay your registration.

JOB CORNER

Consulting Firm Searching for You!

EA Engineering, Science, and Technology, a leading environmental consulting firm, has openings for fish biologists and technicians. Positions include field technicians at $8 - $11/hour; junior staff at $11 – $15; mid-level staff at $16 - $20/hour; and senior positions at $21 - $25/hour. Multiple openings are available at each of these levels. All positions, except for the field technicians, require a degree in fisheries or a related discipline. Positions are available in new offices we are establishing near Marietta, OH and either Cincinnati, OH or Louisville, KY, as well as at our office in Deerfield, IL.

For most of these positions, there will be considerable travel, typically consisting of sampling near various power plants along the Ohio River and at nearby locations. Demonstrated ability to identify either adult/juvenile or larval fishes is a major plus. Positions will start in May/June of 2005 and extend for at least one year. For the less senior positions, we will also consider students or professionals that might be available only for a period of time (e.g., summer break) and desire a short-term position.

Salaries within each of the four categories listed above are negotiable and will be commensurate with experience. To submit a resume or obtain further information, contact either Greg Seegert at (847) 945-8010 or **gls@eaest.com** *or* Joe Vondruska at (847) 945-8010 or **jvondruska@eaest.com**

As always for more fisheries related job postings visit **www.fisheries.org/html/jobs.shtml**

BOOK EXCERPT

An excerpt from the book *On the Run* written by David DiBenedetto

For more information on this book visit **www.stripersontherun.com**

"I don't advise peeing in your wetsuit," shouted Paul Melnyk. "You'll get a mean rash."

"I'll keep that in mind," I hollered into the wind, my words quickly blown back into my face.

Truth was, whizzing in my neoprene bodysuit was the least of my worries.

I was standing at the edge of the roiling Atlantic in Montauk, New York. Clouds covered the sliver of a moon, the chilly October night as black as the bottom of a well. In a few minutes I would follow Melnyk into the ocean.

We planned to lie on our backs, fishing rods held under our arms, and kick our way 300 hundred yards offshore. Once there, we would float on the current that ran parallel to the beach, casting live eels for striped bass. After we were carried for a half-mile or so, we would kick back to where we started and begin the drift again. Melnyk, a Montauk local who invented this form of angling, calls it skishing (a cross between skiing and fishing, since large stripers often towed him like a water-skier). As one guide told me before my skishing adventure, Melnyk was on "the extreme end of extreme."...

"Let's do this before I chicken out," I said.

"Okay. Remember, this is a shore break. It's dangerous surf. These waves can pick you up and slam you on the beach. It'll ruin your week. Once we clear them it's easy sailing - make that kicking."

Eventually Melnyk yelled, "We're here, man." We stopped kicking. The thick wetsuits provided enough buoyancy to keep us chest high in the gin-clear water. I flipped my headlamp on; it illuminated a circle in front of me, the strobe reaching toward the bottom. I could see my purple flippers flexing as I flutter-kicked to stabilize myself. I wondered what could see me from below, and inched closer to Melnyk.

I turned my light off. Melnyk already had his eel in the water. He was floating about ten feet from me. His black neoprene hood combined with his surf rod rising from the surface made him look like a seagoing knight, his trusty steed a sea creature from Proteus's flock. As I went to cast, Melnyk's rod quivered, then bent deeply. He reared back on the fish, then yelled, "Oh baby, they're here."

The ***North American Journal of Fisheries Management* Volume 25 Issue: 1** is now available at **AFS Online**

TECH & SCIENCE

Cod Stocks Down More Than 90 Percent Since 1850s

Hundreds of years ago, the oceans off the coast of North America teemed with cod. A new analysis highlights just how few of the big fish remain. The findings indicate that the volume of cod on Nova Scotia's Scotian Shelf has dropped more than 90 percent since the 1850s.

Using daily fishing logs from the 1850s--which recorded the number of fish caught, their size and their location--together with a population modeling program, Andrew A. Rosenberg of the University of New Hampshire and his colleagues reconstructed the total biomass of cod that existed in the area at the time. Their report appears in the March issue of the journal **Frontiers in Ecology**.

Click here for the complete article

[Excerpt taken from an article written by Sarah Graham for *Scientific American.com*]

Fish Diversity Tied to Evolution of Diving Ability

From clownfish to catfish, grouper to great white, the diversity of fish is nothing short of astonishing. Now scientists have managed to account for this wide assortment, at least in part, by tracing the evolution of the organ that allows fish to swim at different depths. To change their buoyancy and move up and down in the water, fish inflate an internal organ called the swim bladder. Some fish, such as herring, must surface and gulp air in order to fill their swim bladders with oxygen. Other fish, which are able to submerge for much longer periods and thus reach greater depths, are able to use oxygen from their blood in order to inflate the swim bladder, thanks to a specific type of protein known as Root-effect hemoglobin...

Click here for the complete article.

[Excerpt taken from an article written by Sarah Graham for *Scientific American.com*]

New Species of Fish Discovered in Seychelles

A new species of freshwater fish has been discovered in the Indian Ocean archipelago of the Seychelles, underlining the need for better protection for marine species, environment officials reported.

The group of 120 tiny islands, which promotes itself as the original site of the garden of Eden, is a hotbed of biodiversity with a kaleidoscopic array of wildlife such as the giant turtle and plant species like the sensual coco de mer.

"This new species has never been sampled elsewhere and the species name is unknown," said Wilma Accouche, assistant conservation officer at the environment and natural resources ministry. Accouche said the small copper-colored fish had not been given a name yet as more taxonomic work was required to classify it correctly.

Click here for the complete article.

Visit **helicopterseychelles.com** for more information.

[Excerpt taken from a Reuters article appearing on *espnoutdoors.com*]

Eyeing Gulf Coast Walleye Through Genetics

On the surface, they look like most any walleye. They've got the faraway eyes, raspy scales, and the jaw of an adept, toothy predator. But the Gulf Coast walleye is different. And that difference and their decline has the attention of biologists at the U.S. Fish & Wildlife Service's Pvt. John Allen National Fish Hatchery and Mississippi State University.

The only surefire way to tell a Gulf Coast walleye apart from its next of kin to the north is through genetics. And that difference in genetics is an expression of how long the southern variety has been separated from fish to the north and adapted to a southern climate. Those genetic differences underscore what biologists already know about the fish's biology, behavior, and how it makes a living.

Click here for the complete article.

[Excerpt taken from an article written by Craig Springer for USFWS appearing on *fishingworld.com*]

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Need to Renew Your Membership?
E-mail Tim Simonson at **simont@dnr.state.wi.us**
Or you can send in the renewal form located on the last page of this newsletter...

Join Now!

Active membership in the Wisconsin Chapter of the American Fisheries Society will provide many opportunities to advance your growth as a fisheries professional and allow you a greater voice in shaping the future of Wisconsin fisheries. The quarterly news letter and the ability to network with other fisheries and aquatic resource professionals from government, academia, fish culture and the private sector will keep you abreast of all the latest techniques and issues.

You do not have to join the parent society to be a Wisconsin Chapter member and the annual $10.00 membership fee is an unbelievable bargain.

Please send complete form and a check for $10.00 payable to AFS Wisconsin Chapter:

American Fisheries Society, Wisconsin Chapter
PO Box 908
Madison, WI 53701

Name: _____

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Do you want a copy of our newsletter (now available on our web site) mailed to you? [Circle One] **Yes** **No**

Student? [Circle One] **Yes** **No**

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Congratulations and welcome aboard!

The Teleogram
April 2005 Issue

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