



The Teleogram

Wisconsin Chapter of the American Fisheries Society

SPRING/SUMMER 2010

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Presidents Message

For those of us that work on the Great Lakes this is an exciting time. Money from several key programs is starting to role out to agencies and other stakeholders. The Great Lakes Restoration Initiative recently announced that Wisconsin received over \$ 29 million dollars for work on Lake Michigan and Superior including estuary and tributary areas.

Some of the highlights include: organizations in Green Bay received three grants totaling over \$2.0 million dollars to improve habitat for northern pike; WDNR in the Sheboygan River Basin received \$ 200,000 to develop delisting strategies and a fish and wildlife population and habitat restoration plan to address the “fish and wildlife

population” and “fish and wildlife habitat” beneficial use impairments for the Sheboygan River and Harbor Area of Concern; and the Milwaukee Metropolitan Sewerage District received over \$ 2.7 million dollars to restore habitat and improve fish passage in the Menomonee and Kinnickinnic Rivers in Milwaukee.

In addition to money from GLRI, additional projects will be funded from the NOAA Great Lakes Habitat Restoration Program, Great Lakes Fishery and Ecosystem Restoration Program and FishAmerica Foundation Program.

As many of you know, preparing, writing, receiving, executing and reporting on

projects funded from grants can be at best a torturous affair. However, if you’re like me, when you look back on what was accomplished from your efforts it makes it all worthwhile. So I would encourage you to seek out innovative funding opportunities and partnerships with other agencies and groups because if we can all work together we can do some pretty amazing things to improve the fisheries in Wisconsin.

-Brad Eggold



Editors Note

How do you like the new format? I have been wrestling with this newsletter for a couple weeks, learning as I go and bugging Kelly with silly questions. Thanks Kelly! This “publisher”

stuff should be a continuing education course. Well, I hope everyone is getting outside to enjoy our summer-like weather. I sure have been, experiencing my first severe sunburn

of the year...I’ll never learn that a bluegill is not worth the pain! Anyway, I hope you enjoy this issue and be sure to check the back page for the photo contest!

-Jordan

Announcements (More can be found on the AFS webpage)



There's no place like Pittsburgh, Pennsylvania, for the 140th meeting of the American Fisheries Society. Join us downtown **September 12-16, 2010**, at the spectacular Westin Hotel and the David L. Lawrence Convention Center.

More info at:

<http://www.fisheries.org/afs10/index.php>



International Symposium on Genetic Biocontrol of Invasive Fish and Mussels

June 21-24, 2010
Doubletree Hotel, Minneapolis, Minn.

[http://
www.seagrant.umn.edu/
ais/biocontrol](http://www.seagrant.umn.edu/ais/biocontrol)

Purpose

This international symposium will address the potential of genetic biocontrol against established invasive finfish and mussel species and the risks associated with its use. Genetic biocontrol refers to release of genetically manipulated organisms designed to disrupt the survival or reproduction of a targeted invasive species. Genetic biocontrol strategies have the capability to be more effective and targeted than current control methods, all of which have major flaws. Turning methods into practical tools

requires identifying and successfully addressing obstacles and concerns.

Objectives

This symposium will bring together fisheries managers, industry representatives, and government regulators with experts in all facets of genetic biocontrol, in order to:

- review status of genetic biocontrol technologies and develop a research agenda;
- consider current methodologies and develop a roadmap for risk assessment;
- discuss stakeholder involvement in development and assessment of this technology;
- examine the regulatory context for genetic biocontrol of invasive fishes and mussels; and

consider economics of impacts of invasive species and genetic biocontrol technologies.

Agenda: [http://
www.seagrant.umn.edu/
downloads/
agenda_biocontrol_04.09.
10.pdf](http://www.seagrant.umn.edu/downloads/agenda_biocontrol_04.09.10.pdf)



71st MIDWEST FISH & WILDLIFE CONFERENCE

Minneapolis, MN

DECEMBER 12-15, 2010

Call for Contributed Papers and Posters

Deadline: August 1, 2010

[Submit Abstracts Online](#)

The 71st Midwest Fish and Wildlife Conference will be held in Minneapolis, Minnesota during December 12-15, 2010. The meeting will include exceptional plenary speakers, workshops, symposia, contributed papers as platform (oral) and poster presentations, and technical committee meetings. We invite submission of contributed papers on topics of fish and wildlife science, management, conservation, education, or policy. Abstracts will be available on the website, but proceedings will not be published.

Contributed presentations from completed studies or significant results from ongoing work will be given highest priority. Acceptance of papers and posters from work currently in progress will depend on abstract quality and program space. Platform presentations and posters will be accepted based on technical merit and contribution to our knowledge of species, populations, communities, ecological processes, management practices, conservation initiatives, education models, or policy issues. However, meeting time and space is a limiting factor and we may not be able to accept all papers submitted, whether from professionals or students.

PLATFORM PRESENTATIONS

All platform presentations will be scheduled for 20 minutes, which includes 15 minutes for the presentation and 5 minutes for a question and answer period. A limited number of platform presentations may be included within symposia when the subject matter is consistent with a

symposium's theme and there is available space within the symposium's session. The PCs running the platform presentations will be running Microsoft PowerPoint 2007; older versions of Powerpoint may not translate as expected. No other formats (such as slides, overheads, or video) will be accepted.

POSTERS

Participants are encouraged to consider presentation of their work as posters to provide an opportunity for authors to participate in more detailed communication with attendees. Posters will be displayed for 2 full days, and authors are requested to attend their posters during a scheduled break Monday afternoon and for 1 hour during a networking event Tuesday evening. Posters will be displayed on horizontal boards 4-ft. high x 8-ft. wide.

INSTRUCTIONS FOR SUBMITTING ABSTRACTS

You may submit your abstract (maximum 250 words) at <http://www.midwest2010.org/index.php> by typing directly into the space provided or copying and pasting text from a word processing file in the appropriate field. Please confirm that the content of your abstract is accurate and correct once pasted into the space provided. Abstracts should include a statement of objectives, a brief description of methods, principal results, and conclusions or management recommendations. Include scientific names in the abstract, but not in the title. The title should clearly describe what you will present. Please do not abbreviate place names (e.g., state or country) in the title or include author information or literature citations in the abstract. All information must be entered in the spaces provided on the website. You will be notified via e-mail that

your abstract was received and saved. For those who would like their abstract to be considered for inclusion in a specific symposium or who already have arranged with organizers to participate in a specific symposium, please indicate this by way of the appropriate drop-down box.

STUDENTS

Student papers will be judged to recognize the best student platform and poster presentations.

NOTICE OF ABSTRACT ACCEPTANCE

Notice of acceptance will be made by September 1, 2010.

REGISTRATION

All presenters **MUST** register and pay the appropriate conference registration fee. Advanced registration is strongly recommended. Registration information is posted on the [conference website](#).

QUESTIONS???

Fisheries program questions may be directed to:

✉ Melissa Drake

Phone: (651) 259-5245

Email: melissa.drake@state.mn.us

✉ Jeff Reed

Phone: (320) 634-4573

Email: jeffrey.reed@state.mn.us



NCD News

The Spring 2010 edition of Mainstream is now available at

<http://www.ncd-afs.org/Pages/m26/MainstreamSpring2010.pdf>

Esocid Technical Committee

Esocid Technical Committee

Meeting Summary - December 6, 2009

The Esocid Technical Committee met on December 6, 2009, at the Midwest Fish and Wildlife Conference in Springfield, Illinois. In attendance were: Jim Diana, Troy Zorn, Rod Pierce, Justin Van DeHey, John Molenhouse, and Kyle Battige.

The first item was to evaluate plans for the 2010 joint meeting of the Esocid Technical Committee, Centrarchid Technical Committee, and Walleye Technical Committee. We agreed on the location of La Crosse, Wisconsin, for the dates of July 27-29. The meeting will be preceded by a workshop on age and growth, coordinated by Dan Iserman. These dates are tentative until we receive confirmation from Dan, as well as local arrangements. Jordan Weeks will be asked to once again deal with local arrangements.

The workshop will be lead by Dan Iserman and Brian Graeb. It will include otolith and spine preparation, use of digital imaging for aging, comparing ages among readers and structures, back-calculations from spines and otoliths, age validation and reference collections, and the use of *oxytetracycline* for known age analysis. We hope to find a recipe book for *oxytetracycline* marking. *Jim Diana indicated that Dave Fielder*

had been working on such a book, and he will contact Dave to learn its status. In addition, people will be encouraged to bring aging materials in order to both look at age structures, as well as compare aging techniques.

In order to run the workshop, we probably need arrangements with a local institution, such as the University of Wisconsin at La Crosse, for a lab. We assume approximately 25 people will attend and will try to make those arrangements. All Technical Committee members will be informed as soon as the dates, location, and workshop are confirmed.

Future plans for the Esocid Technical Committee include a joint symposium on cool water fishes for the Midwest Fish and Wildlife Conference in 2010 in Minneapolis. An all-day event will be scheduled and we will try to focus on various studies with cool water fishes. Two major areas of interest would be: cool water communities and interaction among species, as well as management techniques for cool water fishes. Anyone interested in presenting at this symposium or in suggesting someone to present, please contact Rod Pierce.

Rod Pierce has agreed to accept leadership of the Esocid Technical Committee for 2010. He will be installed at the summer meeting. In addition, we agreed that the 2011 chair should be from Iowa and are soliciting nomi-

nations at this time.

Finally, Jim Diana reviewed the budget difficulties of the Committee. Our current balance is \$2,137.43. We purchased 100 Pike Symposium books and owe \$5,100.50 to the North Central Division. We have only sold 24, to date, for a total of \$1,450, so we still owe about \$3,700 to NCD. We must sell another 76 books or find some other method to repay the NCD. Troy Zorn suggested using a raffle as a technique to repay the NCD and possibly donating the books to various organizations. We will consider such a raffle at the summer meeting and will also have the books available at a booth at the Midwest Fish and Wildlife Conference in 2010.

This summarizes the meeting held at this year's Midwest Fish and Wildlife Conference. Jim Diana will inform members of the exact dates and location of the meeting as soon as arrangements are confirmed.

Chapter T-Shirts Available

As part of our ongoing chapter fundraising activities the Chapter Raffle and Revenue Chair is happy to announce that a brand new chapter t-shirt design is now available. The design is part of a new series for the fictional International Brotherhood of Electrofishing Boat Operators union. The front of the t-shirt displays the union logo and the back of the t-shirt depicts a comical elec-

trofishing scene. T-shirts and sweatshirts will be available at the Annual Meeting in Milwaukee, and are available for members and non-members to purchase.

In addition, to help get the word out and generate sales, feel free to email Jordan for the sales poster to post in your office. Please note that checks should be made out to: Ameri-

can Fisheries Society - Wisconsin Chapter. Revenue from t-shirt sales will go towards supporting Wisconsin Chapter AFS scholarship funds for students enrolled in an aquatic science programs in Wisconsin.



Division website...

The main AFS office in Maryland recently switched our list service to a new host that has better security and spam filters. Because of this switch the mailing address for the list has changed. The new e-mail address is wiafs@lists.fisheries.org. Please use this e-mail if you want to send e-mail to the entire members of the list service. If you have any questions, let me know - *Bradley T. Eggold*

Chapter Business

Northland College's AFS sub-unit hosted its annual ice fishing tournament fundraiser on February 21st. We had 25 people register for the tournament and were able to raise a bit of money for the club. We had six prize categories for the tournament, these categories were biggest fish overall, biggest bag, biggest whitefish, biggest perch, biggest smelt, and biggest trout. The weather was great for fishing that day and the fishing itself was also better than we expected! All six prize categories were won. The winning biggest fish was a burbot, and the biggest bag went to a Northland professor who caught 25 perch. For those who did not win we had a variety of door prizes and we raffled these off while grilling lunch. The tournament was overall a success and we hope to improve it even more next year.



Resolutions Anyone?

Resolutions are being solicited to be presented at the January 2010 annual meeting. If you have a resolution please send it to Phil Moy at pmoy@uwc.edu no later than December 3rd so that they we can be put into final form and published in time for the meeting. Thank you.

Communicating Science

[Study finds stream restoration has little impact on benthic invertebrate community](#)

A new study looks at 26 restored river sites across Europe and finds little evidence that these projects have impacted the [benthic invertebrate](#) community - i.e. the worms, crustaceans, and other organisms that dwell on the bottom of freshwater systems.

Benthic invertebrates are often used as indicators of stream ecological health and play a critical role in the food chain of freshwater systems.

[Sonja Jahnig](#) and fellow researchers surveyed both restored and non-restored stretches in rivers in southern and central Europe in both lowland and mountainous settings. They looked at hydromorphological restoration projects that spanned several hundred meters to several kilometers.

Restoration activities included both active practices (e.g. removal of bank fixation material, initiating re-meandering) and passive approaches (e.g. abandoning river maintenance, excluding livestock).

The researchers found that both active and passive restoration projects had improved the metrics for habitat at the meso scale (for example - shoreline length) and at the micro scale (for example - water velocity, substrate) though these effects were greater in certain settings than others.

However, they found that the improvements did not translate into a significantly altered benthic invertebrate community.

These findings [published in the Journal of Applied Ecology](#) are in line with previous research. However, the results from this study are particularly compelling because rather than conducting a meta-analysis of past research, the scientists directly studied paired sites in a variety of settings using a standard methodology.

The findings may surprise stream restoration practitioners who assume that transforming habitat features will have a major impact on the biotic community.

The authors conclude that small-scale restoration projects like many of the ones they looked at in the study (i.e. several hundred meters or less) are unable to address the catchment-scale issues (e.g. poor water quality, limited source populations) that limit benthic invertebrate communities. They write,

"Actively improving aquatic habitats along a short river stretch may even come at the price of causing degradation of the riparian zone, e.g. facilitate earth moving, but will not necessarily enhance ecological quality. Rather, efforts at a larger scale, i.e. catchment wide, including more comprehensive measures and tackling all pressures are likely to have effects on the invertebrate community – eventually improving ecological form and functioning."

--by Rob Goldstein

Jähnig, S., Brabec, K., Buffagni, A., Erba, S., Lorenz, A., Ofenböck, T., Verdonschot, P., & Hering, D. (2010). A comparative analysis of restoration measures and their effects on hydromorphology and benthic invertebrates in 26 central and southern European rivers *Journal of Applied Ecology* DOI: [10.1111/j.1365-2664.2010.01807.x](https://doi.org/10.1111/j.1365-2664.2010.01807.x)

Join WAFS 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.

Student memberships are free to those who request it.

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

American Fisheries Society, Wisconsin Chapter

PO Box 1846

Madison, WI 53701-1846

These dues are for Membership during the year 20____ (indicate calendar year)

Name: _____

Address: _____

Phone: _____ e-mail: _____

Student (NO CHARGE)? Yes ____ No ____

Are you a member of national AFS (parent society)? Yes ____ No ____

A copy of our newsletter is now available on our web site:

www.wi-afs.org

Congratulations and welcome aboard!

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Fisheries Society

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WERE ON THE WEB!

[HTTP://WI-AFS.ORG/](http://wi-afs.org/)

Membership Photo Contest!

To spice things up a bit and create a bit more buzz over the newsletter, the staff (Jordan and Kelly) will judge member photos submitted throughout the year on a non-scientific basis. Photos submitted will be ranked and winners will receive some kind of prize (to be determined). Winning pictures will be placed in the fall 2010 Teleogram. So get busy and send them to me via email ASAP. Here are a couple to get you going—Jordan & Kelly

