

Mainstream

Spring 2004, Volume 21(1)

Dakota - Illinois - Indiana - Iowa - Kansas - Michigan - Mid-Canada -
Minnesota - Missouri - Nebraska - Ohio - Ontario - Wisconsin



President's Message

By Steve Fischer

It must be time to write the spring edition of the Mainstream since the pursuit of Lord Stanley's Cup has begun, the Frozen Four was just completed, baseballs are flying around diamonds, spring rains have arrived, water levels are rising, fish are thinking about spawning, and Paul Radomski has sent me a few reminder emails! News to share from the NCD ...

- NCD – AFS Membership Incentive Plan: We want to recruit Chapter members whom are not currently AFS members. As such, we will provide both new member and recruiter with half-price membership for 2004 – what a tremendous deal and opportunity! To qualify for the NCD rebate, just send recruiter and new member names and AFS membership numbers to either myself or Don Kline (NCD Treasurer).

- NCD Membership Survey: Mark Pegg (IL) is chair of this committee and is looking for some assistance – give him a call. Our objective is to gauge the effectiveness of NCD activities and our interactions with the Chapters. As the Division prepares to develop a new Strategic Plan, it is important we understand the needs and expectations of our membership. For those of you that eventually receive the random survey, please respond quickly, completely & honestly!

- The NCD is still operating under the 1996 Strategic Plan, so we are in need of a revision. This should not be a major undertaking, and the timing is right as AFS is completing a revision of its' strategic plan. Anyone with an interest in updating such a vital working document, please contact myself or Brad Parsons.

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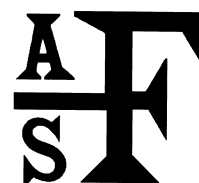
Quote of the Issue:

“The great obstacle to progress is not ignorance, but the illusion of knowledge.” Daniel Boorstin

This is newsletter is published twice a year. Deadlines for submission are April and September 1st. The views and opinions expressed herein are not necessarily those of the NCD. From the website:

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

Editor: Paul Radomski



- AFS listserv: The most effective and rapid manner to communicate with NCD members is through email. The AFS listserv is the most effective means to accomplish that task. Therefore, I encourage all of you to join the AFS listserv ... not only for Division news but also from AFS and other Chapters. To join, just send an email to mdaemon@fisheries.org and enter SUBSCRIBE AFS in the body of the email.

- We welcome the new Ontario Chapter to the NCD! What an exciting time within Ontario as the NW and Southern Ontario Chapters 'officially' merged last month. The efforts of Dave Green, Dave Stanley and others have been instrumental in this process.

Finally, I have had the pleasure of working with some fantastic persons within the NCD – Chris Guy, Mike Brown, Don Kline, Bill Franzin, Don Pereira, Paul Radomski, Tim Goeman, Brad Parsons, Missy Drake & all the Committee Chairs. Having had the opportunity to travel around the NCD the past couple of years has really been a tremendous experience for myself. There are so many great programs and activities operating within the Chapters – you all deserve a huge 'pat on the back' for your dedication to AFS and the aquatic resources we seek to protect. Professionally this has been an unbelievable opportunity and one that I urge each of you to consider. After all, AFS is 'our' professional society! See you all in Madison!

"If science cannot lead us to wisdom, as well as power, it is surely no science at all."
Aldo Leopold, Ecology & Politics, 1941

Committee Reports

Awards

By Mike Brown

Students receiving **Joan Duffy Student Travel Awards** at the Midwest this year included: Dan Daugherty - Indiana Chapter, Jo Latimore - Michigan Chapter, Katie Bertrand - Kansas Chapter, Walt Neisler - Illinois Chapter, Matt Mangan - Dakota Chapter, and James Bales - Ohio Chapter. Congratulations!

Nominations for **Most Active Chapter**, **Fisheries Excellence**, and **Meritorious Service** awards were solicited via a *Mainstream* article, chapter newsletters, and through emails to chapter presidents and past presidents. No nominations were received for the Fisheries Excellence or Meritorious Service awards.

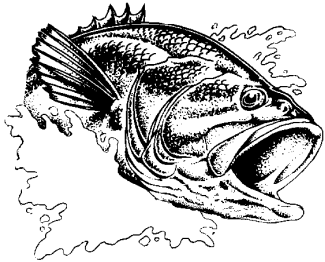
The Minnesota Chapter received the **Most Active Chapter** Award for their outstanding efforts in aquatic stewardship, leadership activities, and continuing education of its members.

It is never too early! Please remember to take the initiative and time to nominate an active and important NCD contributing member or chapter. Forms are available at <http://www.fw.umn.edu/ncdafs/awards.html>. Contact Brad Parsons for additional information (brad.parsons@dnr.state.mn.us).

Continuing Education

By Trent Sutton (IN)

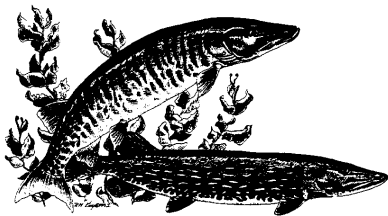
I am soliciting for continuing education courses for the 2004 Midwest Fish and Wildlife Conference. Please forward thoughts or proposals to me at tsutton@fnr.purdue.edu.



Centrarchid Technical Committee

By Eric Weimer (SD)

We are eagerly awaiting the finalization of the Lepomis Symposium, which should be happening this spring. We are collecting orders for reprints of the Largemouth Bass and Bluegill posters so we can place an order for those. We are currently updating the grey literature list for the area. Our summer meeting will be held during the AFS-National meeting in Madison, tentatively on August 22 from 3-7pm in the Monona Terrace. The theme of the meeting will be Crappie Management and Ecology. All are welcome to attend and present. Any questions can come through me, the new chair for the CTC.

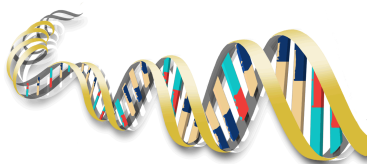


Esocid Technical Committee

By Steve Pallo (IL)

The ETC will meet in conjunction with the Parent Society AFS meeting in Madison WI, on Monday August 23 in Room "O" or the Hall of Fame Room at Monona Terrace from 1:30 - 5:30 p.m. Agenda items for this meeting can be sent to Steve Pallo, spallo@dnrmail.state.il.us. We expect this to be our initial planning meeting to develop our participation in the "2005 Muskies Inc. - Dr. E.J. Crossman International Muskie Symposium".

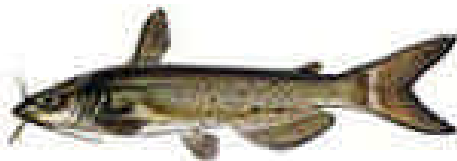
This symposium will take place in Indianapolis, Indiana October 28-30, 2005. At this point, we expect to develop and possibly present 15-20 papers on any aspect of muskie management. We already know of several topics that would be interesting to the audience such as hatchery propagation of muskie, performances of different strains of muskie, radio tracking of muskie in a southern reservoir, Missouri's experience with muskie management.



Genetics and Biodiversity Technical Committee

By Brian Sloss (WI)

Interested persons should contact Brian Sloss, brian.sloss@uwsp.edu.



Ictalurid Technical Committee

By Lynn Schlueter (ND)

The committee was recently developed to meet the needs of individuals interested in catfish management. As a newly formed group, it is working to understand how to best serve its members, what assistance can be provided in their management efforts, and the best approaches to reach the goals. The initial goal was for better communication with the Southern Division. To that end, a NCD-Ictalurid Committee representative went to the Southern Division's annual meeting, met with catfish managers, and proposed that both divisions work together to: share information; provide a problem solving forum; the exchange of ideas; and work to improve the status of catfish and the their recreational contribution. To meet these goals, a list-server is operating, which is open to any person or organization interested in catfish management. An electronic meeting is planned this summer where individuals will be encouraged to provide a short summary of current work activities or synopsis of finds from this summer research. Two projects are being considered: 1) sharing growth information from various entities and 2) sampling techniques workshop. The long-term goal is to host a follow up seminar to Catfish 2000 Symposium.



Rivers and Streams Technical Committee

By Rob Pulliam (MO)

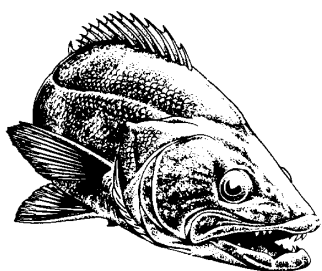
Interested persons should contact Rob Pulliam, pullir@mdc.state.mo.us.



Salmonid Technical Committee

By Mark Ebbers (MN)

Interested persons should contact Mark, mark.ebbers@dnr.state.mn.us



Walleye Technical Committee

By Michael Sullivan (Alberta)

I received a good response to the survey of WTC folks regarding the location of the 2004 summer meeting. Thanks to all. Few people stated outright that they could not attend a WTC meeting in Canada (sure, Canada is good enough for the Minnesota Governor to buy drugs from here, but to send his state biologists across the line, oh no!). Most felt that their department's financial situation was always bad and permission for any travel is a gamble. A few people were adamant that it was high time for the meeting to be held in Canada.

So, following the majority of responses and the operating guidelines of the WTC, I've selected Delta Marsh, Manitoba for the WTC summer 2004 meeting.

Theme:

The prevalent thread of the 2003 WTC meeting in Wausau was that walleye regulations were often unduly complex across state and provincial boundaries. Are such a myriad of

subtle differences necessary or effective in achieving management goals? To continue this theme, I'd like the talks at the 2004 meeting to focus on how different jurisdictions decide on walleye regulations. Is your process qualitative (e.g., a state-wide regulation is in effect, but my lake may have recruitment issues, so I'll increase the size limit by an inch or so)? Is your process quantitative (e.g., if growth exceeds a setpoint, the harvest restriction is reduced to a fixed level)? Does your jurisdiction have a formal process for determining regulations or is it left to the local managers? What works and what causes problems? Can we build on the successes?

If you plan on presenting a talk, please e-mail the title and an estimated duration of the talk to me. No critical deadlines for this casual group, but if the list of talks could in by mid-June, I can efficiently schedule the program. Of course, other talks are always welcome, but the above-described theme may help focus the meeting and conversations.

On this quantitative theme, I'd also like to schedule a couple of short (45 minute) workshops to demonstrate modelling walleye regulations. I'll run a STELLA workshop. Will anyone volunteer to run a FAST workshop?



Another important theme will be to introduce Canadian biologists and students to the wider world of walleye managers and WTC members. I've received good responses from folks in Canadian jurisdictions that seldom attend WTC functions. I hope this meeting will forge some good communication between the WTC regulars and peripheral members.

Location:

Delta Marsh Field Station is about one hour north of the North Dakota – Manitoba border. It sounds like the perfect facility for this group (cheap, allows alcohol, next to a lake, and will serve us all meals - including a walleye fry!). Accommodation is on-site at about CAN\$130 per person (around US\$100), total, for the two days of the meeting (including all meals and the facilities). Full details on the field station are on the website: http://www.umanitoba.ca/delta_marsh

Dates:

July 20, 21, and 22, 2004 (Tuesday, Wednesday, Thursday). Typical WTC schedule. Casual get-together on afternoon/evening of the 20th (I'm checking into a field trip or a lake tour). Full meeting on the 21st, with the business meeting on the morning of the 22nd.

Travel:

The Delta Marsh website has good maps if you're driving. Winnipeg (1 hour east) has an international airport. I'll see about arranging a carpool to shuttle people from the airport with local biologists driving out from Winnipeg.

Reservations:

The Field Station can accommodate large groups, but they need a head count for meals and beds. After WTC people get their budgets in April, we'll try to get a list of attendees.

I'll be contacting some of you who have volunteered assistance in organizing various aspects of the meeting (thanks you). Hoping this is a fine meeting and opens some eyes to new country and concepts!

2003 Winter Meeting Minutes

submitted by Donna Hanen Muhm, WTC Secretary

Chair Tim Banek opened the business meeting of the Walleye Technical Committee at approximately 4:00 P.M. on Sunday, December 7, 2003 with 27 members in attendance.

Minutes from the 2003 summer meeting: Tim Banek, chair (MO). Minutes from the 2003 summer meeting were approved as published in the Mainstream (Ed Brown moved, Jeff Reed seconded). Chair Banek summarized that the meeting was focused on size-based regulations, that the presentations were well received, and that the Walleye Synopsis was discussed.

Yield Database Progress: Joe Larscheid (IA) was not in attendance. We will try to get an update from him for the 2004 summer meeting.

Financial Report: Donna Hanen Muhm, secretary (IA). Donna reported that due to a bookkeeping error, the balance as of May 31, 2003 was erroneously reported as being \$8,019.27. The correct amount should read \$8,190.39. Interest disbursements from May 31, 2003 through October 31, 2003 totaled \$61.48. Walleye Symposium Manual publication sales from May 31st through October 31st totaled \$20.00, and profit from the 2003 summer meeting was \$937.36. This leaves a balance as of October 31, 2003 of \$9,209.23. Thanks to Don Kline, North Central District treasurer (IA) for this information.

Walleye Synopsis Update: A subcommittee was formed at the summer meeting and is chaired by John Pitlo (IA) to determine direction for the walleye synopsis update project. The subcommittee was to approach three retired fisheries professionals and inquire as to their interest in taking on this endeavor. These professionals were identified as Dr. Robert Summerfelt (IA), James Schneider (MI), and Dennis Schupp (MN). Chair Banek reported that Mr. Schneider was interested but had several questions and needed clarification of many points. His questions regarded funding sources, format for the document, and the scope of the project. More specifically, he was interested in knowing whether the interest was in pursuing a worldwide scope, a north-American scope, or a Midwest scope; and whether or not the European pikeperch or sauger would be included. Discussion ensued. It was decided that worldwide focus was too wide, and Midwest focus too narrow; thus, the focus should be North American in scope. A motion was made to exclude zander but to include sauger. The motion was seconded, voted upon, and carried. Chairman Banek suggested that Nick Baccante contact Mr. Schneider to help get him started.

A great deal of discussion regarding the format of the synopsis followed. It was proposed that the document be web-based so that it could be easily updated in the future. A .pdf file format was suggested, so that it could be placed on the AFS website or perhaps put onto a CD. Another suggestion was that someone with computer knowledge be contacted to set up a database that could also be easily updated. A comment was then made that the work needs to have a fixed portion that can be archived and cited as a reference, with another portion that is updateable. It was also mentioned that a .pdf file can be updated yearly and each year's version could be correctly cited. The conclusion was made that the format needs to be standardized and that it should remain flexible to allow for future technology.

Cost was discussed and sources of funding explored. It was generally agreed that a primary goal of \$20,000 be set for the cost of the project, but that is only an estimate. Fisheries Conservation Foundation funding was suggested. Other suggestions included donations from individual states, tribal organizations, or Canadian provinces.

Technical Presentation: Neil Billington presented Hybridization and introgression between walleye and sauger from Pool 13 of the Mississippi River determined by protein electrophoresis. Billington, Neil and Jennifer Lynch, Department of Biological and Environmental Sciences, Troy State University, Troy AL 36082, and John Pitlo, Iowa Department of Natural Resources, 24143 Highway 52, Bellevue IA 52031.

NEW BUSINESS:

2004 WTC Chair and Chair-elect: Chair Banek introduced the 2004 WTC Chair Michael Sullivan (Alberta CA) and Chair-elect Jeff Reed (MN).

2004 Summer Meeting: Chair Sullivan discussed the option of holding the 2004 summer meeting at the Delta Marsh field station near Lake Manitoba. An estimate of cost would be \$60.00 per night with meals, and would include a walleye fry. He stated that it would be a central location for most Canadians but it wouldn't be terribly far for upper Midwesterners. This location is approximately one hour from the Winnipeg airport. Chair Sullivan opened the topic for discussion. Several members mentioned that there are out-of-country travel restrictions in place, and that even if they paid on their own they would not be allowed to attend. A suggestion was made that a location be found somewhere along the border so that neither country would have out-of-country lodging. Another member noted that there are also out-of-state travel restrictions in place for most states. It was motioned, seconded, and carried that Chair Sullivan conduct a survey to determine what sorts of travel would be tolerated for the majority of members. Chair Sullivan also suggested that having a theme for the summer meeting was a great concept, and that he would like to consider the 2004 theme to be modeling. He suggested that several focused modeling workshops could be conducted in how to use STELLA and FAST models.

Adjournment: A motion was made, seconded, and carried to adjourn the meeting at 5:00 P.M.



Upcoming Events

May 2-6, 2004. 4th World Fisheries Congress, Vancouver, British Columbia, Canada. The Theme of the 4th Congress is: "Reconciling Fisheries with Conservation: The Challenge of Managing Aquatic Ecosystems". An international array of prestigious fisheries scientists will be giving keynote addresses, and chairing program sessions. In addition, the program contains over 40 sessions that address the most pressing issues in fisheries management in both freshwater and marine ecosystems, along with a special forum for interested industry representatives and non-governmental organizations. The details of the program and venue are provided as they become available on the web page <http://www.worldfisheries2004.org>

July 20-22, 2004. Walleye Technical Committee Summer Meeting, Delta Marsh Field Station. Contact Michael Sullivan, Michael.g.Sullivan@gov.ab.ca or 780-422-3409 (see WTC report)

Aug 21-26, 2004. AFS 134th Annual Meeting, Madison, WI. Contact Betsy Fritz, bfritz@fisheries.org or 301-897-8616 x212

December 12-15, 2004. 65th Annual Midwest Fish and Wildlife Conference, Indianapolis, IN. <http://www.in.gov/dnr/midwest2004>

Other Fisheries Events:

A good source of these happenings is: <http://www.fisheries.org/Calendar.shtml>

Chapter Reports

Dakota Chapter by Mike Barnes

Wayne Stancill, chapter president, provided comments on behalf of the Society at two public meetings regarding changes to the current operations of the Missouri River to benefit fish and wildlife species. The chapter also provided a resolution to the City of Bismarck, ND, regarding their proposal to develop the few remaining riparian areas along the Missouri River.

The Dakota Chapter conducted its annual meeting in Pierre, SD on March 15-17. Prior to the meeting, Dr. Steve Chipps conducted a



well-attended continuing education seminar on "Indexing Lake Productivity." Mr. Steve Erpenbach, Chief of Staff or Senator Tom Daschle spoke at the meeting banquet.

Numerous awards were given at the meeting. The chapter presented its "Aquatic Resource Conservation Award" to the Northeastern South Dakota Walleye Club of Aberdeen. The club won the award for its efforts toward improving fish habitat, educating youth, informing the general public, and enhancing angling opportunities in Northeastern South Dakota.

Dr. Michael Brown from South Dakota State University received the Distinguished Professional Service Award from the Chapter for his service within American Fisheries Society, including Dakota Chapter President and North Central Division President-elect. Dr. Brown was also recognized for his efforts mentoring numerous undergraduate students, co-advising the SDSU Wildlife and Fisheries Club, supervising numerous M.S. and Ph.D. students, and his publication record.

Eric Weimer and Quinton Phelps, graduate students in the South Dakota State University Department of Wildlife and Fisheries, recently won the Best Student Paper and Poster awards at the annual meeting of the Dakota Chapter of the American Fisheries Society.

Mr. Weimer, a student under Dr. Michael Brown, won the Best Student Paper award. His presentation on the "Winter habitat use and movement of bluegill in a South Dakota lake," explained his research monitoring the movements of bluegills using radio telemetry. Mr. Phelps, a student under Dr. David Willis, won the Best Student poster award. His poster described his research into the "Relations between climatological variables and larval yellow perch abundance in eastern South Dakota Lakes."

Dave Lucchesi and Mike Barnes tied for the Best Professional Paper award at the annual meeting. Mr. Lucchesi's talk titled, "Evaluation of two different structures used for walleye and yellow perch age estimates," described the time required to determine fish age by either reading scales or looking at otoliths (ear bones), as well as the accuracy of each technique. Mr. Barnes' presentation described the effects of different hatchery rearing densities on the number landlocked fall chinook salmon returning to spawn.

Steve Krentz was recognized for his efforts as a Past-President. Chapter officers elected for the coming year were Scott Elstad, President, John Lott, President elect, Mark Ermer, Vice-President, and B.J. Kratz, Secretary/Treasurer.

Photo: Recently elected Dakota Chapter Officers, from left, John Lott - President-elect, Mark Ermer - Vice-President, and Scott Elstad - President (not pictured BJ Krantz).



Illinois Chapter by Bruce Lippincott

The Illinois Chapter of the American Fisheries Society held its 42nd meeting on Tuesday, Wednesday, and Thursday March 2-4 at the Hawthorn Suites just off the University of Illinois campus in Champaign, Illinois. Chapter President Bob Schanzle welcomed more than 110 members and guests, some of whom traveled from as far away as Florida, New York, and Michigan to attend.



A total of 32 papers were presented including six that were imbedded in a Freshwater Mussel Symposium moderated by Kevin Cummings. The latter included observations of freshwater mussels in the Chicago River and a report on collaborative research being conducted state and Federal agencies to spawn the Federally endangered Higgins' Eye Pearlymussel using a variety of indigenous fish as hosts, which was presented by Past Chapter President Dan Sallee.

The contributed papers covered a wide range of topics including innovative dredging techniques that can be applied to small ponds, application of lampricides to a watershed in the Great Lakes Basin, and genetic identification of shovelnose and pallid sturgeons. The highlight of the contributed paper sessions was the presentation of the results of the first study using the electric seine conducted in 1950 by the the two principle investigators, "Larry" Larrimore of the Illinois Natural History Survey and "Bull" Durham, Professor Emeritus, Eastern Illinois University. They are credited with the invention of the electric seine and both are past presidents of the chapter. Both shared the presentation and were warmly received.

On Tuesday evening, the Illinois Natural History Survey hosted a mixer in their building which is part of the University campus. Good food and camaraderie was shared by all and everyone was treated to live music by a group known as "The DNR Band" that is composed of ILDNR employees led by Steve Pescitelli.

For the first time in several years, a student career luncheon was held on Wednesday. Organized by Curt Wagner of the U. of IL, approximately 25 students listened to the job scene as described by four people representing the academic, state agency, Federal agency, and private sectors.



At the annual business meeting on Wednesday afternoon, Dr. Robert "Bud" Fischer of Eastern Illinois University was elected to the position of Secretary-Treasurer by acclamation. Bud will serve in 2004-2005 with incoming president-elect Steve Pallo, president Bruce Lippincott, and past-president Bob Schanzle.

It was noted that at least five other chapters have responded to the IL Chapter's challenge to raise money for the World Fisheries Congress and that the chapter had sent

a response to the AFS Resource Policy Committee concerning the committee's draft study report and policy statement on dam removal.

President Schanzle announced that the Chapter's Award of Excellence had been presented at the direction of the Executive Committee to Dr. Douglas Austen, past Illinois Chapter and North Central Division president, at his going-away party in January. Doug recently left the Illinois Department of Natural Resources to become the executive director of the Pennsylvania Fish and Boat Commission.

President Schanzle then presented Meritorious Service Awards to Mike Mounce and Bruce Tetzlaff in recognition of their many years of service to the Illinois Chapter and the fisheries profession. Doug Carney read letters of nomination for Mike and Bruce, and they were each given a plaque and a hand-crafted filet knife inscribed with "ILAFS".

Dan Sallee moved to fund a handicapped/battery powered fishing reel with an approximate cost of \$350.00 that is to be donated to a non-profit organization, which provides fishing opportunities to the severely handicapped. Motion carried unanimously.

The banquet and raffle were held Wednesday evening and included some spirited fellowship by all. Once again, Brenda Garver assembled and conducted an extraordinary raffle that netted the chapter approximately \$1400 to support student subunits and travel.

The 2005 annual meeting will be a joint meeting with the Illinois Lake Management Association.

Indiana Chapter by Kent Hanauer

Indiana AFS held our spring technical meeting on March 11 & 12 at West Lafayette, IN. The topic of the plenary session was aquatic sampling protocol and the Indiana scientific purposes license. In addition to the plenary discussion session we held a business meeting and there were 12 technical papers presented and 9 poster presentations.



Michigan Chapter by Jessica Mistak

The Michigan Chapter held a joint annual meeting with the Wisconsin Chapter on January 20-22 in Marinette, Wisconsin. The meeting was a great success, with lots of good talks, food, beer (official food of Wisconsin), and camaraderie. Since the meeting, the neophyte Executive Committee has kept busy planning projects with Sea Grant, organizing what should turn out to be several outstanding continuing



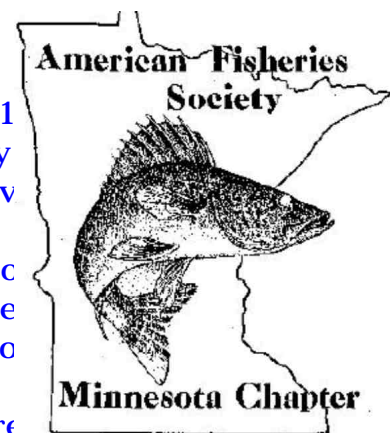
education courses, and prodding committee chairs. We also hope to become more active on policy issues and are working with several non-profit groups in Michigan to strengthen our voice when responding to policy that threatens our aquatic habitat. It should be an exciting year for members of the Michigan Chapter, as we have a number of energetic individuals that are leading the way. Stay tuned!

Photo: Holly Jennings and Bob Stuber, Huron-Manistee National Forest, show off their loot from the annual meeting raffle.



Minnesota Chapter by Loren Miller

The Minnesota Chapter held a joint annual meeting March 17 with the newly formed Minnesota Chapter of the Society Conservation Biology. Total attendance topped 200 with over 30 students from six different campuses. Plenary speaker Anne Kapuscinski, University of Minnesota-St. Paul, spoke on genetically-modified aquatic organisms and banquet speaker Tom Water, Professor Emeritus at the University of Minnesota spoke on bridging the gap between the 'hook-and-bullet crowd' and the 'tree-huggers.' Scientific presentations were given by 29 MNAFS members and 14 MNCSB members on topics ranging from hooking mortality to butterfly population dynamics. An additional 15 posters were presented. The best professional paper award went to Rod Pierce and Cynthia Tomcko, MNDNR, for *Density and biomass of native northern pike populations in relation to basin characteristics of North-central Minnesota lakes*. The best student paper award went to Julie Zimmerman and Bruce Vondracek, University of Minnesota, for *Stream enclosure effects on drifting invertebrates and fish growth: Do enclosure experiments produce biased results?* Dalma Martinovic, Bill Hogarth, and Peter W. Sorensen, University of Minnesota, took home the best poster award for *Waterborne estrogens found in St. Paul sewage effluent suppress competitive behavior and reproductive success of male fathead minnows*. The MNAFS Chapter also held a brain-storming session to begin revisions of its long-range plan.



The chapter also approved and made available a position statement regarding forest harvest (available at <http://www.fw.umn.edu/mnafsf>). Here is an excerpt from the statement:

A stream's stability, water quality and fish habitat are intimately connected to as well as a reflection of the health of a stream's watershed. Riparian areas, because of their close proximity to the streams, have the most influence on a stream's health. Timber harvest, particularly in the riparian zone, impacts a variety of ecological functions.

The position statement is timely as the Minnesota Forest Resources Council is currently revising its best management practices for logging on public and private lands in Minnesota as outlined in their Timber Harvesting and Forest Management Guidelines.

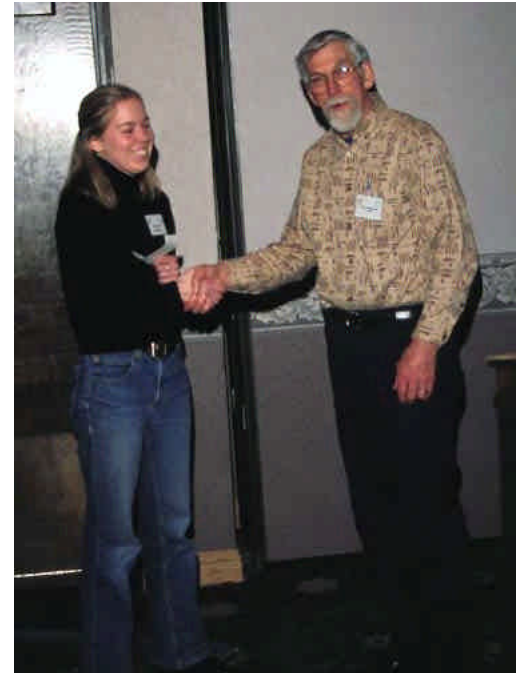
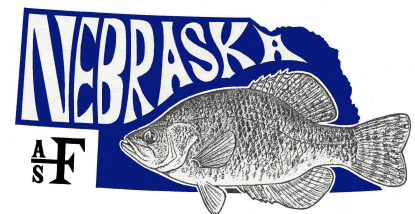


Photo: Bruce Vondracek presenting a scholarship check to Brit Carlson from St. Olaf

Nebraska Chapter by Steve Schainost

Our annual meeting was held on February 10-11, 2004 at the Ak-Sar-Ben Aquarium, Gretna, Nebraska. This year was a technical session with papers on a variety of subjects as well as a business meeting.



We have a website at www.nebraskaafs.org which, among other things, contains copies of all recent newsletters.

We sponsor the Robert E. Thomas Memorial Fisheries Fund, which is a scholarship fund for fisheries students at the University of Nebraska. Named in honor of former Fisheries Division Chief Administrator and long-time AFS member Robert E. (Bob) Thomas, it is supported by a variety of fund-raising events, including an annual golf tournament.

We have active Legislative and Current Affairs committees, which monitor bills and other important issues that affect fisheries, often writing letters or resolutions and testifying at legislative committee hearings.

Ohio Chapter by Mike Wilkerson

The Ohio Chapter (OC) held its annual Winter Business Meeting as part of the Forty-Fourth



Ohio Fish and Wildlife Conference in Columbus Ohio. This meeting featured a keynote address on Landscapes and Lake Erie Fisheries along with 12 papers ranging over a wide variety of fish and wildlife topics. The OC awarded Joseph Conroy of the Ohio State University the Best Paper Award, and Gene Kim, also of the Ohio State University, the Best Poster Award.

Recently the OC developed and submitted a new Strategic Plan for review by the AFS Governing Board. The new plan will better align the OC's plan format and time frame with the Society's. Under the new plan we reduced the number of standing committees to three. These committees include the Information Transfer and Outreach, Member Services, and Aquatic Stewardship. The goal for restructuring the committees is to facilitate progress of strategic goals, increase membership participation, and better support missions of the OC and the Society.

The Ohio Chapters newest endeavor is a combination outreach and professional development activity. On April 2nd, we held our first and hopefully annual, Undergraduate Student Forum. Our goal is to provide undergraduate students with an opportunity to give a technical presentation on their research in a low-stress environment, and to make them aware of the Ohio Chapter and the opportunities that come with membership. Ten undergraduates from six Ohio universities delivered presentations on a variety of aquatic topics.

Ontario Chapter by Dave Green

Announcing the Ontario Chapter of AFS

It was during the 2003 Annual General Meeting of the Southern Ontario Chapter of AFS that the membership put forward the challenge to consider forming the Ontario Chapter. The rationale was to better reflect a unified group of fisheries professionals throughout the Province of Ontario. Over the next year, the Executive Committee pursued the changeover to the Ontario Chapter. Our early dealings with the Parent Society regarding this change were positive and encouraged us to pursue the possibility. Surveys of fisheries biologists in Northern Ontario were circulated to obtain their opinion and determine if there was a desire to make the change. Ninety five percent of the northern respondents indicated a desire for the change. Following this overwhelming endorsement, the Executive Committee started work on revising our bylaws to accommodate the potential change. With the launch of the new Ontario Chapter we also felt it an opportune time to update our logo. So, in early February 2004 our chapter executive committee engaged students from the graphic arts program at a local college to design the new logo for the Ontario Chapter of the American Fisheries Society. While all of this was happening the chapter executive maintained constant communication the parent society to complete the inevitable process requirements that accompany such an



AMERICAN FISHERIES SOCIETY

ONTARIO CHAPTER

initiative. On March 22, 2004, our request for a name change was unanimously approved by the executive directors of the Parent Society. We are truly appreciative of the support that the North-Central Division provided for this initiative at the executive board level.

Coincidental with formation of the Ontario Chapter, an opportunity arose which we are very excited about. During our February AGM, we were approached by the Ontario Ministry of Natural Resources, to partner with them in developing a bid to host the 2008 Parent Society Conference and Meeting in Ontario. The response from attending Ontario Chapter members was unanimously in favour of this partnership and we continue to pursue this possibility.

These are exciting times for the Ontario Chapter. As we move forward into new territory we look forward to our continuing relationship with the North Central Division.

Wisconsin Chapter by Kurt Welke

Job 1 for WI Chapter of the AFS in 2004 is hosting the 134th Annual meeting of the Parent society, August 22-26, in Madison, WI.

Committee chairs are busily pulling together the myriad of details to ensure a productive and informative meeting, as well as attending to the social needs of the 1500 anticipated guests. Our chapter will have a presence at the April 2004 Wisconsin Association of Lakes Conference as we build bridges between what fisheries professionals can offer and the riparians and lake associations that seek expertise. Our continuing education needs will focus on a mid-year workshop on fish kill procedures and/or a primer on genetics and its' "fit" with traditional fisheries management. Our spring 2005 meeting will be held in either the LaCrosse area or in a SE WI venue.



Contributions

You are invited to submit articles, editorial replies, notes, pictures, etc. for this space.

Guidelines for the Use of Fishes in Research

The new 2004 Guidelines were developed to help scientists develop realistic understandings of fish in the design and conduct of research on fish and fish habitats. The Guidelines provide a structure that ensures appropriate attention to valid experimental design and procedures while ensuring humane treatment of fish.

Written by the 11-member Uses of Fishes in Research Committee, the Guidelines provide recommendations on field and laboratory activities, such as sampling, holding, and handling fishes; information on administrative matters, including regulations and permits; and advice on ethical questions such as perceptions of pain or discomfort that may be experienced by experimental subjects. The 53-page document now includes many listings of web sites of value.

The Guidelines have been developed for use by researchers within the U.S.; therefore, the roles, responsibilities, and information needs of Institutional Animal Care and Use Committees are given specific attention. However, the principles described in the Guidelines are applicable to research on fishes everywhere.



The Guidelines are available at:

http://www.fisheries.org/html/Public_Affairs/Sound_Science/Guidelines2004.shtml

65th Annual Midwest Fish and Wildlife Conference Westin Hotel, Indianapolis, Indiana

Fish and Wildlife at the Crossroads: Preparing for Future Challenges

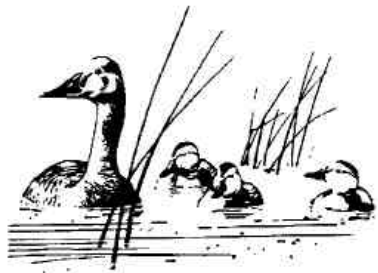
Call for Papers and Symposia

You are cordially invited to present at the 65th Annual Midwest Fish and Wildlife Conference hosted by the Indiana DNR Division of Fish and Wildlife.

For more information on submission of abstracts and symposium proposals check out "Call for Papers" on the Conference website, <http://www.in.gov/dnr/midwest2004>

Symposium proposal deadline: April 15, 2004

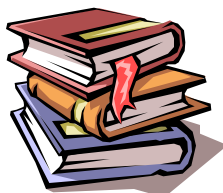
Paper and poster abstract deadline: July 1, 2004



Against the Current (Editorial)

I apologize for not making the time to express one of a number of issues that trouble me—the weather has been too nice to stay indoors.

These comments represent the views of the editor (Paul Radomski) and not necessarily those of the NCD-AFS Governing Board or the membership.



Interesting Publications

NEW RELEASES FROM AFS:

The Development of Form and Function in Fishes and the Question of Larval Adaptation

John Jeffrey Govoni, editor

198 pages

Stock Number: 540.40

Member Price: \$42.00

This book comprises the proceedings of the 26th Annual Larval Fish Conference in Bergen, Norway, where international experts presented up-to-date information on the organismal biology of developing fishes.

Understanding how larval fish function, how they acquire energy to grow, and how they expend energy to survive is basic to any endeavor in either mariculture or aquaculture. The book reviews the development of form and function in the following major anatomical systems: gross external anatomy (swimming), the integument (osmoregulation and taste), the alimentary canal, other visceral organs, the swim bladder, gills, and sensory systems, as well as blood and circulation.

This volume is a valuable, single-source of information on understanding how fishes develop and survive through metamorphosis.

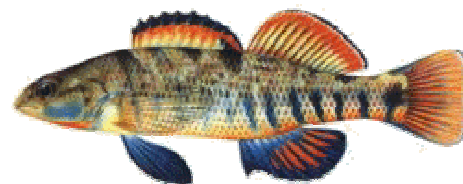
Geographic Information Systems in Fisheries

William L. Fisher and Frank J. Rahel, editors

275 pages

Stock number: 550.41

AFS member price: \$48.00



This long-awaited book was developed to summarize a growing body of information on applications of geographic information systems (GIS) in fisheries research and management. It is the first book of its kind to provide examples of GIS applications for all components of a fishery (i.e., organisms, habitats, and people), in both freshwater and marine environments. The book is intended for use by fisheries students and professionals alike. This book is written as a reference for those interested in using GIS as a tool for solving fisheries management problems. The book introduces ways GIS can be applied to fisheries, identifies challenges associated with using GIS in aquatic environments, reviews fisheries applications of GIS in freshwater (streams, rivers, lakes, and reservoirs) and marine (nearshore and offshore) environments and in aquaculture, examines GIS as a tool for fisheries decision making, and concludes with the future of GIS in fisheries.

To order any of these fine books:

Online: <http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi>

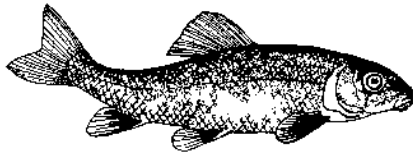
Phone: 678-366-1411, or Fax: 770-442-9742

Email: afspubs@pbd.com

Division Business Stuff

Photo: NCD Officers (l-r): Mike Brown, Steve Fischer, Don Kline, and Brad Parsons.





On the Underside

By Charles Anderson

Carlin Strikes Again:

- Ever wonder about those people who spend \$2.00 on those little bottles of Evian water? Try spelling Evian backwards: NAIVE
- Isn't making a smoking section in a restaurant like making a peeing section in a swimming pool?
- If people from Poland are called Poles, why aren't people from Holland called Holes?
- Why do we say something is out of whack? What's a whack?
- If a pig loses its voice, is it disgruntled?
- Why are a wise man and a wise guy opposites?
- Why do overlook and oversee mean opposite things?
- Why isn't the number 11 pronounced onety one?
- You never really learn to swear until you learn to drive.

The New Bingo

Do you keep falling asleep in meetings and seminars? What about those long and boring conference calls? Here's a way to change all of that.

1. Before (or during) your next meeting, seminar, or conference call, prepare yourself by drawing a square. I find that 5"x5" is a good size. Divide the card into columns-five across and five down. That will give you 25 one-inch blocks.

2. Write one of the following words/phrases in each block:

- * synergy
- * strategic fit
- * core competencies
- * best practice
- * bottom line
- * revisit
- * expeditious
- * 24/7
- * out of the loop
- * benchmark
- * value-added
- * proactive
- * win-win



- * think outside the box
- * fast track
- * result-driven
- * empower (or empowerment)
- * knowledge base
- * at the end of the day
- * touch base
- * mindset
- * client focus(ed)
- * paradigm
- * metrics
- * economies of scale
- * game plan
- * leverage



3. Check off the appropriate block when you hear one of those words/phrases.

4. When you get five blocks horizontally, vertically, or diagonally, stand up and shout "BULLSHIT!"

Testimonials from satisfied "BullShit Bingo" players:

-- "I had been in the meeting for only five minutes when I won."-Adam W., Atlanta

-- "My attention span at meetings has improved dramatically."- David T., Florida

-- "What a gas! Meetings will never be the same for me after my first win."- Dan J., New York City

-- "The atmosphere was tense in the last process meeting as 14 of us waited for the fifth box." - Ben G., Denver

-- "The speaker was stunned as eight of us screamed 'BULLSHIT!' for the third time in two hours."- Carl G., Ca.

So try it!

Contacts

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	Paul Radomski	paul.radomski@dnr.state.mn.us
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Genetics and Biodiversity	Brian Sloss	brian.sloss@uwsp.edu
Great Lakes	<i>inactive</i>	
Ictalurid	Lynn Schueter	lschluet@state.nd.us
Reservoir	<i>inactive</i>	
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Illinois	Bruce Lippincott	http://131.230.57.1/IAFS/
Indiana	Ken Hanauer	http://www.bsu.edu/csh/bio/inafs/
Iowa		
Kansas	Bill Stark	http://www.ksu.edu/kscfwru/ksafs/
Michigan	Jessica Mistak	http://www.fw.msu.edu/orgs/mi_afs/
Mid-Canada		
Minnesota	Loren Miller	http://www.fw.umn.edu/mnafs/
Missouri	Al Buchanan	http://www.moafs.org/
Nebraska	Steve Schainost	http://www.nebraskaafs.org/
Ohio	Mike Wilkerson	http://www.biosci.ohio-state.edu/~ocafs/
Ontario	Dave Green	http://www.afs-soc.org/
Wisconsin	Kurt Welke	http://www.fisheries.org/wiafs/



Websites:

Parent Society
North Central Division
Walleye Tech. Comm.
Ontario's Life History Database

<http://www.fisheries.org>
<http://www.fw.umn.edu/ncdafs>
http://ws3.coopfish.siu.edu/walleye_tech
<http://www.afs-soc.org/fishdb/home.htm>

