President’s Message

Greetings;
I can hardly believe it is time to write my final president’s message - time sure has flown by this year. It seems like we just had our annual meeting and now our attention has been diverted to other tasks such as walleye spawning, trap and transfer operations, and spring sampling. Even though spring and summer can be really busy times for all of us, there are still many AFS and NCD events that can be useful for our members. The national AFS meeting is being hosted in St. Paul, MN, August 19-23 this year. The close proximity to our states makes this a great opportunity for many that have never attended a national meeting before. Also, the NCD technical committees have summer meetings and are open to anyone that works with or has a special interest in walleye, centrarchids, ictalurids, or esocids. Just contact the committee chairs if you would like to attend or get involved with these groups.

The annual Dakota Chapter meeting went very well this year and many members contributed high quality papers and posters. Congratulations to Jacob Davis, Michael Weber, and Mark Kaemingk for winning the best paper and poster awards. Also, congratulations to Steve Chipps, Brian Graeb, and Woody Tiggelaar for winning the Dakota Chapter recognition awards. I want to thank everyone that helped organize this meeting, especially Jason Sorensen, Gary Knecht, Rachel Trible,
Will Sayler, and Michelle Bucholz. This meeting would not have been the quality it was without the help from these members. Also, I want to thank everybody who gave talks, provided posters, volunteered to be a judge or moderator, and all who attended the meeting for being active and supporting the chapter.

The North Dakota co-chair of the environmental concerns committee, Lynn Schlueter, recently retired, and while we congratulate him on his retirement, his service to the Chapter will be missed. Lynn was very active in his role on the ECC, and did a good job of bringing issues to the attention of the membership. If anyone would like to take over the North Dakota co-chair position of this committee, just give me a call or send me an email. This would be a good opportunity for someone who wants to be active in the chapter, but might not be ready for an executive role.

I know that my term as president doesn’t end until September, however I suspect that this summer will fly by and I will be a past president before I know it. Since this will be my last president’s message, I want to use this opportunity to thank the Dakota Chapter for allowing me to serve this fine organization. I have learned a lot about the chapter and the parent society and it has been a very rewarding experience representing the chapter. Thank you.

Chris Longhenry
President

Annual Meeting
of the
Dakota Chapter of the
American Fisheries Society

The Dakota Chapter’s annual meeting was held in Chamberlain, South Dakota from February 21 through 23, 2012. There were 84 participants, 21 paper and 13 poster presentations. The meeting started with a continuing education course introducing before after control impact (BACI) analysis by Dr. Dan James and Dr. Steve Chipps on February 21. Papers and posters were presented on the 22nd and 23rd. The awards ceremony and banquet were held on the evening of the 22nd.

Awards were presented for recognition of professional service and contributions toward improving the appreciation and use of aquatic resources in their communities. Dr. Steve Chipps won the Robert L Hanten Distinguished Professional Service Award. Dr. Brian Graeb won the Outstanding Young Professional Award. The Aquatic Resource Conservation Award was presented to Woody Tiggelaar for his work with South Dakota Walleyes Unlimited.
Jacob Davis won the Best Student Paper for his presentation “Genetic origins of naturally reproduced rainbow trout in the Deerfield reservoir system”. The Best Poster was awarded to Mark Kaemingk, for his poster titled, “Priority effects among young of the year fish: reduced growth of bluegill sunfish (Lepomis macrochirus) caused by yellow perch (Perca flavescens)”. 

The meeting was highlighted with our awards ceremony and banquet where we recognized a number of individuals and groups who have made a tremendous positive difference for fishery resources across the Dakotas.

Michael Weber won the Best Professional Paper for his presentation “Potential for compensatory responses of common carp to commercial exploitation”.

Each year, four Sauger Scholarships are presented to undergraduate students to cover registration and travel expenses to the annual Dakota Chapter meeting. This year, five Sauger Scholarships were awarded to Aaron Andrews, Austin Galinat and Kyle Behl from SDSU and Aaron Burgad and Matt Klein from VCSU. Additionally, the Alven Kriel scholarship provided a one-year membership to the American Fisheries Society to Aaron Burgad and Alexander Letvin.
New chapter officers were elected at the meeting. Tyler Berger (Secretary/Treasurer), Rick Nelson (Vice-President) and Dan Dembkowski (President-Elect) join President-Elect Mike Olson as incoming officers for 2012.

Dave Deslauriers presents sauger scholarships to Matt Klein, Aaron Burgad, Austin Galinat, Aaron Andrews and Kyle Behl (pictured left to right).

Woody Tiggelaar receives the Aquatic Resource Conservation Award.

Michael Weber (left) and Jacob Davis (center) receive awards for best professional and student papers.

Alven Kreil scholarship winners Alexander Letvin and Aaron Burgad with President Chris Longhenry (pictured left to right).

New officers elected for 2012-2013 Rick Nelson Vice President, Mike Olson President, Tyler Berger Secretary/Treasurer.

Dan Dembkowski, new President-elect for 2012-2013.
2012 Excomm Meeting  
Dakota Chapter  
American Fisheries Society  
February 21, 2012

President Chris Longhenry called meeting to order @ 5:39 pm

Excomm members in attendance were Mike Olson, Jeff Hendrickson, Chris Longhenry, Jason Sorensen, Gary Knecht, and David Deslauriers.

Mike Olson recommended we recognize Lynn Schueleter at Business Meeting.

Presidents Report (Chris Longhenry):

Some of the things I have been working on this year are: Sent in the Dakota Chapter report for the NCD briefing book and attended the NCD business and governing board meetings at the Midwest fish and wildlife meeting. Sent invitations to the annual meeting to Bill Fischer, Gus Rassam, Jeff Vonk, Tony Leif, and the SD GFP commission, none could attend. I worked with Jason and Gary to develop budget for the meeting and ordered plaques and certificates for award winners.

The chapter provided $300 to the subunit to help cover travel expenses to the student colloquium. Also, we provided three rooms for sauger scholarship winners and other undergrads and also provided the funds for a 5th sauger scholarship this year.

Gwen White current NCD president, or one of the other officers were going to try to make it out here this year but were unable to make it. I have a power point and a word outline that she sent out in case they were unable to make it. Instead of reading it to you, I will send it out by email after the meeting.

Vice Presidents Report (Jason Sorensen):

Letters were sent out soliciting companies for donations of door prizes. Approximately 50 door prizes and a few raffle items were donated. Raffle items were given to the sub-unit for the student raffle. A majority of effort was put into hotel and program arrangements.

Secretary/Treasurer Report (Gary Knecht):

Account balances as of 2/22/12: U.S. Bank checking account $1,011.28, Dr. James Schmulbach Memorial Scholarship Fund $9,129.42, and the Edward Jones $9,004.11.

President Elect Report (Mike Olson):

The fall newsletter was prepared and sent out. Preparations have begun for the 2013 annual meeting the 26th-28th of February at the Comfort Inn in Bismarck, ND.

SDSU Student Subunit Report (David Deslauriers):

2011 was a busy year for SDSU AFS Subunit. In January, the subunit hosted the annual Midwest Fisheries Student Colloquium at SDSU. The event was a huge success with students from several universities attending. The subunit organized a job fair. In the spring the subunit organized an age and growth workshop presented by Dr.
Graeb. Lee Sundmark, MN DNR, spoke about the challenges of state fisheries management and the differences between management of MN vs SD. Organized a fishing derby for cub scouts in the Brookings area. Andy Jansen, KS Department of Wildlife, Parks, and Tourism spoke about urban fisheries management. New officers are David Deslauriers (president), Tyler Sexton (vice president), Kyle Behl (treasurer) and Luke Leischner (secretary). Future plans include a boating safety workshop and a sturgeon workshop.

Committee Reports

It was moved to dispense with the reading of each committee report as they were in the program for everyone to read. Jeff Hendrickson moved that we just read the reports. Jason Sorensen provided the 2nd. All approved with aye and none responded negative.

Old Business:

No old business

New Business:

Mike Olson drafted a resolution to maintain the need for recreational values during the flood. Olson noted that policies should be made from long term data versus current flood. Resolution is to be read at business meeting.

Money from the MRNRC student raffle will be used to help send students to AFS meeting in MN.

Request from NCD for $500 for cost of national meeting. Jeff Hendrickson made motion to donate $500 to offset student registrations cost at meeting. Mike Olson 2nd the motion. All in favor aye none responded negative.

NCD is looking for continuing education ideas. Chris Longhenry mentioned that we solicit for ideas at the business meeting. Chris will forward results from meeting to NCD.

Meeting adjourned @ 6:05 pm

News from NDGF – Fred Ryckman new ANS Coordinator. Fred Ryckman is the new Aquatic Nuisance Species Coordinator replacing Lynn Schlueter who recently retired. Fred will relocate to Riverdale, ND providing for a central location for the statewide ANS coordination efforts. He will retain many (but not all) of his Northwest Fisheries District responsibilities continues to get more precarious with the ongoing oil development and expansion.

Dan James now working for FWS in Pierre. The U.S. Fish and Wildlife Service, Great Plains Fish and Wildlife Conservation Office in Pierre, South Dakota has recently hired Dan James to fill a vacant Fish and Wildlife Biologist position. Dan began working after completing a PhD. program in Fisheries Science from South Dakota State University in December 2011. Dan is the lead biologist for tribal fisheries management assistance and fisheries management and monitoring at the Valentine National Wildlife Refuge in addition to assisting with the Missouri River Recovery Program. He also serves as an Adjunct Assistant Professor at South Dakota State University.
**Garrison Dam NFH Complex Update**

**Water everywhere** – but in the hatchery ponds. The Garrison Dam NFH’s east unit is still feeling the effect of the Great Flood of 2011. Forty of the hatchery’s sixty-four ponds were supplied water via a pumping station located in the former Spillway Lake. With the first time ever opening of the Garrison Dam spillway gates, the lake was history. Today a backwater exists connecting the former lake to the Missouri River – and our water intake rests twenty-one vertical feet from water. A partnership is forming with the North Dakota Game and Fish Department, the US army Corps of Engineers and the US Fish and Wildlife Service to restore that lake but in the meantime we are looking at renting a ‘portable’ 250 HP pump to do the trick. The fate of five million walleye fingerlings are dependent on this plan coming together.

Personnel remain in short supply for the hatchery but things are looking up. We have hired three STEP students to assist this summer at Garrison Dam and Valley City NFH’s. A biologist/hatchery manager was brought on in late February to take on the responsibility of salmonid production at Garrison and pond production at Valley City NFH. Kurt Eversman comes to us from Willow Beach NFH in Arizona managed the razorback sucker, bonytail chub and rainbow trout programs. Kurt is working closely with the Valley City State University engaging students and faculty in development of hatchery programs. This summer we have contracted with the university to evaluate pond productivity and correlate food availability with utilization for walleye and pike. Kurt is also working to bring mussel propagation and/or refugia to the hatchery and develop a larger role in lake sturgeon restoration efforts on the Red River. We are looking forward to a rejuvenated fisheries program at the Valley City NFH under Kurt’s direction. Garrison Dam NFH continues to produce walleye and pike at near record numbers to meet the needs of the anglers and requests of the state. Salmonid production numbers remain consistent maximizing all available tank and raceway space in the production of rainbow, brown and cutthroat trout as well as a quarter million Chinook salmon smolts. We are still experimenting with the development of suitable larval burbot feeds in the event population augmentation becomes a need and the hatchery maintains an active role in pallid sturgeon recovery as well.

**Missouri River FWCO Update**

Activities this spring are already in full swing with Pallid Sturgeon Population Assessment having already started with an expansion of the work to begin evaluating the area downstream of Garrison Dam to develop some baseline information on the downstream transport of native fish species. Pallid sturgeon broodstock is currently taking place with an emphasis this year, to continue to collect those adults from the Yellowstone Missouri River confluence area that have not contributed to spawning and stocking efforts. Meanwhile, evaluation on past pallid stocking efforts is ongoing and it appears that the survival of these stocked fish is doing fairly well. Based on recaptures, a few of the families are very well represented in the population, a handful of others didn’t survive well, and a majority of the families are in the middle with adequate representation to
account for recruitment into the permanent population.

Efforts to continue developing the Great Plains Fish Habitat Partnership (FHP) are going well with another handful of conservation projects being identified and selected for 2012 funding. A major effort that will be rolled out at the upcoming national AFS meeting in Minneapolis will be the habitat assessments for the Midwest FHP’s including the Great Plains. This collection of data will allow resource managers to view the habitat quality from an aquatic perspective and ultimately provide some quantitative analysis/evaluation on the results of conservation actions to help develop a strategic approach to those stressors affecting aquatic habitats.

Work is also continuing to develop a research strategy to evaluate the effects of seismic activities related to oil exploration. Dr. Art Popper, Dr. Tony Hawkins, and Dr. Jackson Gross are working together to develop a study design that brings multiple resources to the question. The primary species being evaluated are the pallid sturgeon, paddlefish, and walleye. Plans are expected to be finalized sometime this summer.

Everett Nelson and Zac Sandness were selected for two of the three term Biological Technician positions needed to complete much of the river work planned for this year.

Hydroacoustic Survey Workshop - 

June 26-28, 2012

Flaming Gorge, Dutch John, Utah

Connect with a community of hydroacoustic users for fisheries research. HTI and the Utah Division of Wildlife Resources will again co-host the 2012 Hydroacoustic Survey Workshop this coming June 26-28 at Flaming Gorge Reservoir in Dutch John, Utah. Learn about this free biennial workshop, as well as receive recommendations for lodging, on the Official Announcement.
142nd Annual Meeting of the American Fisheries Society

Come join us in the Twin Cities!

Begin making plans to attend next year’s Annual Meeting in the Land of 10,000 Lakes, beautiful Minnesota. The meeting focus is Fisheries Networks: Building Ecological, Social and Professional Relationships. Conference attendees will have the opportunity to network with fisheries professionals and students, stay current on the latest in fisheries science, and enjoy the sights and scenes of the Twin Cities and beyond.

AFS President Bill Fisher; Meeting Co-Chairs Don Pereira, Brian Borkholder, and Ann Schneider; and Program Co-Chairs Peter Jacobson and Charles Anderson are pleased to invite you to the 2012 AFS Annual Meeting in Minneapolis and Saint Paul, Minnesota. The Twin Cities have much to offer. The AFS Technical Program will be hosted at the RiverCentre in Saint Paul while other meeting events will take advantage of Minneapolis venues. Located at the confluence of the Mississippi and Minnesota Rivers in the “City of Lakes”, the Twin Cities offers nearby recreational, entertainment, and educational opportunities. Please take a look at our “Things to Do” page for more information.

The 2012 AFS Annual Meeting will bring professionals together to network and share knowledge in fisheries science and management. Speakers will present a broad range of Fisheries topics at the plenary session, technical symposia and poster session as well as in continuing education courses. See our Symposia link for the wide range of almost 50 topics.

Be a participant in the American Fisheries Society network by attending the 2012 Annual Meeting in Minnesota’s Twin Cities next August. Join us in expanding our ecological, social and professional relationships centered around our common interest in Fisheries.

Please have a look at our Facebook page.
Links to News of Interest

The latest issue of Fisheries Magazine is now available online here: http://fisheries.org/afs/docs/fisheries_magazine_archive/fisheries_current.pdf. Paper copies will come in the mail.

COLUMNS

President’s Hook

Our Changing Professional Society

What is AFS doing to adapt to change?

Bill Fisher—AFS President

Director’s Line

AFS Annual Meetings

Why and Where We Hold Them; Why They are Expensive; and Who Does What

Gus Rassam—AFS Executive Director

HEADLINERS

AFS launches Fisheries Reports; Catch limits imposed; Shrimpers fined for Turtle Excluder Device violations; Crab population rebounds; Asian carp create a conundrum

FEATURES

History

The Rapid Establishment, Dispersal, and Increased Abundance of Invasive American Shad in the Pacific Northwest

Providing historical context for a contemporary invasion.

Daniel J. Hasselman, Richard A. Hinrichsen, Barbara A. Shields, and Curtis C. Ebbesmeyer

Invasive Species
American Shad of the Pacific Coast: A Harmful Invasive Species or Benign Introduction?

Invasive ecologically overlooked and evolutionarily under-appreciated.

Daniel J. Hasselman, Richard A. Hinrichsen, Barbara A. Shields, and Curtis C. Ebbesmeyer

SECTION UPDATES

Surprising results from the Fisheries Management Section study on Asian carp as food; Fish Culture Section launches its new website; Physiology Section announces its Triennial Symposium; Estuaries Section looks at NOAA’s Habitat Blueprint

STUDENT ANGLE

How to Find a Good Graduate Advisor and Make the Most of Graduate School

Suggestions for potential and current students to maximize graduate learning experiences.

Constance M. O’Connor

NEW AFS MEMBERS

IN MEMORIAM

Jack Dequine

SPOTLIGHT

Women Fisheries Scientists

Diane Elliott, Lori Martin, Christine Moffitt, Sarah O’Neal, Jesse Trushenski, and Melissa Wuellner discuss the role of women in the world of fisheries.

AFS ANNUAL MEETING 2012

AFS Minneapolis 2012 – How to Get Around

JOURNAL HIGHLIGHTS

North American Journal of Fisheries Management, Volume 31, Number 6

CALENDAR
Fisheries Events

ANNOUNCEMENTS

March 2012 Jobs

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**Standing Committees**

**Planning**
Jeff Hendrickson (chair, ND)
Mike Barnes (SD)
Randy Hiltner (ND)

**Membership**
Matt Ward (chair, SD)
Larry Brooks (ND)
Geno Adams (SD)

**Continuing Education**
Steven Chipps (co-chair, SD)
Greg Power (co-chair, ND)
John Lott (SD)
Dave Lucchesi (SD)
Lynn Schulueter (ND)

**Schmulbach Scholarship**
Will Sayler (chair, SD)
Wayne Nelson-Stastny (SD)

**Resolutions**
Mike Olson (chair, ND)

**Awards & Nominations**
Jeff Hendrickson (chair, ND)
Randy Hiltner (ND)
Todd St. Sauver (SD)

Information & Web Support
Mike Brown (chair, SD)

Environmental Concerns
Lynn Schlueter (co-chair, ND)
Geno Adams (co-chair, SD)

Student Affairs
Larry Brooks (chair, ND)