



LATERAL LINES

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THE NEWSLETTER OF THE IOWA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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PRESIDENT'S CORNER

Congratulations to the new AFS officers for 1995-1996. They are Tom Boland, President-Elect, and Mark Cornish, Secretary/Treasurer. Thanks to past-president Bernie Schonhoff, retiring secretary/treasurer Tom McCarthy, and former newsletter editor Mike Mason for all the effort they've put into the Iowa Chapter. I'm sure the tears are still flowing since their terms are finally over.

Arrangements for the 1996 meeting with Nebraska are still progressing. Please return the enclosed pre-registration form as soon as possible, so that we can have a good estimate of the number of people planning to attend. Also, get your abstracts into Tom Boland if you have information from one of your projects to present to the Nebraska folks. Hopefully the ISU (or any other schools) undergraduates will be attending again this year -- it was fun having them last year and we are planning on "cutting them a good deal" in order to help them make the trip. For those who are tired of the same old motel in Council Bluffs, they have informed us that a total renovation from the lobby to the pool has just been completed and they are "very eager to showcase these improvements".

For future meetings, we may need to be planning ahead 2-3 years if we would like to hold joint meetings with neighboring states or societies. Tentative contacts have been made with Wisconsin in 1997, the Dakota Chapters in 1998, and the Wildlife Society in 1999. We can discuss these options at the Chapter Business meeting in January. Tom Boland has already initiated a channel catfish symposium for 1997 which will be sponsored by the Iowa Chapter. In addition to this, we will have many other exciting activities going on in the coming year that will require plenty of participation from Iowa Chapter members, so you better start thinking up a good excuse when I call on you. Hope to see you in January!! 



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Motel
712 322-3150

Zebra Mussel Distribution Update

Upper Mississippi River: Zebra mussels have infested virtually every lock and dam in the upper Mississippi River as well as several power generating plants. No sightings were reported during the past year, but the Corps of Engineers reported increased densities at the sites first reported in December 1994. The Illinois River showed decreases in zebra mussel biomass measured at four sites last October. Biologists from the Illinois Natural History Survey attributed this to poor water quality. In Minnesota, several boats pulled from the Minnesota and St. Croix rivers were found to have zebra mussels attached to the hulls. However, neither river is considered by the Minnesota DNR to be infested at this time.

Lower Mississippi River: Zebra mussels first appeared in the lower Mississippi River in 1992. In 1993, they were found in Bayou Teche about one mile from its confluence with the Atchafalaya River. This year they were found in Bayou Courtableau, part of the Atchafalaya River Basin in Louisiana. The Louisiana Sea Grant and the U.S. Fish and Wildlife Service confirmed that several power stations and waterworks plants in and near New Orleans have reported zebra mussel infestations. The southern-most sighting was at Venice, Louisiana, Mississippi River Mile 10.

Arkansas/White/Red Rivers: No significant changes in zebra mussel distribution have been reported this year in this drainage. In 1992, small numbers of zebra mussels were observed at a majority of lock and dams on the Arkansas River. The farthest point west for zebra mussels in the Arkansas River continues to be in eastern Oklahoma at Webbers Falls Lock and Dam. In the Verdigris River in eastern Oklahoma, zebra mussels were found at River Mile 6.4 in 1993 and River Mile 26.6 in 1994.

Ohio River: In 1993, many new zebra mussel populations were reported from West Virginia in the upper reaches of the Ohio. Zebra mussels moved into the headwaters of the Ohio River in Pennsylvania at Emsworth Lock and dam, just west of Pittsburgh in the latter part of 1994 and early in 1995. The Corps of Engineers found zebra mussels in the Allegheny River at Lock 4, near Natrona, and Lock 7, near Kittanning, Pennsylvania. Zebra mussels were also found in the Monongahela River at Lock and Dam No. 2, near Braddock, Pennsylvania. As for the lower Ohio River, several reports from different sources concur that zebra mussels are persisting in increasing numbers there.

Mid-Atlantic Drainage: In the mid-Atlantic drainage, zebra mussels continue to inhabit the Mohawk River and the Hudson River from Albany to Haverstraw, New York. In 1994, the Vermont DEC reported zebra mussels from several locations in the middle and upper portions of Lake Champlain. Zebra mussel colonies had been previously found only in the lower portion of the lake where populations are reported as dense in 1995.

Tennessee River: The Cumberland River continues to support zebra mussels. Nashville is the farthest upstream sighting recorded. In the past year, the Tennessee Valley Authority reported finding veligers at all monitoring stations downstream from River Mile 260 in the Tennessee River. Moderate numbers of adult zebra mussels have been found at all nine Tennessee River Locks up to River Mile 602, near Knoxville.

California: Since the initial finding of zebra mussels on a boat at a California agricultural inspection station in 1993, five additional boats with zebra mussels attached to their hulls have been detected at three different inspection stations. The second finding of zebra mussels occurred in California last November. Forty specimens were removed from a boat on a flatbed trailer being shipped from Toledo, Ohio to San Diego. Their condition was listed as "live" at the time of collection according to the California Department of Water resources.

.... it would appear that overland transport of zebra mussels on or in boats from thousands of miles away poses a real threat to uninfested waters.

The third occurrence took place this past March when "live" adults were found in the starboard intake of a 40-ft yacht. The origin of this boat was Michigan, and like the last boat, its destination was San Diego. These first three finds were all reported from the Needles Inspection Station. The next occurrence was reported from the Yermo Inspection Station in May 1995. This boat also came from Michigan but had been out of the water for over a year. The most recent two boats were detected at the Truckee Inspection Station in June 1995. The origin of both boats was Michigan and both had been dry-docked for long periods so there were no live mussels. Given these instances, it would appear that overland transport of zebra mussels on or in boats from thousands of miles away poses a real threat to uninfested waters.

Great Lakes: The most significant change in the spread of zebra mussels has been in the inland lakes of the Great Lakes states, especially Michigan. In 1993, there were 10 inland Michigan lakes with zebra mussels. As of July 1995, 29 of Michigan's inland lakes have been infested. Illinois, Indiana, New York, Ohio, and Wisconsin have also reported zebra mussels in their inland lakes.

For more information contact: Charles Boydstun or Amy Benson, National Biological Service, Southeastern Biological Science Center, 7920 NW 71st Street, Gainesville, FL 32653 904/378-8181

Condensed from: *River Crossings* volume 4, No. 5, Sept/Oct. 1995.



Iowa Chapter American Fisheries Society

1995 Annual Business Meeting Minutes

Spirit Lake, IA

February 22, 1995

The annual business meeting was called to order by President Bernard Schonhoff. Sixty-seven members were in attendance. The Past President's plaque was presented to Martin Konrad.

The minutes from the past meeting were read. Tom Gengerke made a motion to approve the minutes as read. Mike Mason seconded the motion and it carried.

The Treasurer's report was summarized and concluded a balance of \$3,287.65 as of 15 September 1994.

Committee Reports

Auditing Committee: John Pitlo and Tom Boland reported that the Treasurer's report was accurate.

Best Paper Committee: Chair Don Kline presented the Best Paper award for 1994 to Gary Siegwarth.

Membership Committee: Chair Martin Konrad noted that last year the Chapter had sixty-four paid members. So far in 1995 seventy people have paid their dues. Martin thanked Gary Siegwarth for inviting ISU students. The ISU students in attendance were recognized.

REAP Committee: Chair Dick McWilliams reported that 2,500 REAP license plates have been sold in 1995. The Governor's recommendation for REAP was for \$7 million. The REAP Alliance recommended \$15 million from the legislature. McWilliams noted that funding in the 7 to 10 million dollar range was possible. The complete REAP Alliance report was submitted to the Excom.

Continuing Education Committee: Chair Joe Morris was unable to attend. John Pitlo reported that a class on Multivariate Analysis could be a possibility. John recommended that Joe could get a list of classes recommended by the National AFS.

Resolution Committee: Chair Marion Conover reported that no resolutions had come to his attention. Tom Gengerke summarized a letter written to the Corps of Engineers about the Missouri River Master Manual. The letter applauded the Corp's attention to Fish and Wildlife concerns, but stated that far more attention should be given to conservation. More attention should be given to mimicking the natural hydrograph which could favor the restoration of native species. Tom called for a monitoring plan for the river which could be similar to the Long Term Resource Monitoring Program on the Mississippi River. Don Kline moved that Bernard should sign this letter and send it to the Corps. Mike Mason seconded the motion and it was approved.

Nomination Committee: Chair Ken Snyder will be contacting members to volunteer their names to be put on the ballot for the new Chapter officers.

Old Business

Chair of the ISU Fish and Wildlife Club, Kevin Dockendol thanked the Iowa Chapter for the \$200 donation to the Wildlife Society Conclave. Kevin also expressed gratitude for the financial assistance offered to students coming to this meeting.

New Business

Chair of the Student Affairs Committee, Mike Kaminski thanked the Chapter for the \$100 donation to the NCD scholarship grant that sent him to the NCD meeting. Mike reported that the travel grant started in 1993 and has grown to \$1,400. Each student Chapter matches the \$100 grant and can send one student. The only requirement is that the students attend the annual business meeting. At the NCD meeting the Student Affairs Committee set up an internet system. Jeff Kopaska is the internet representative for the ISU Chapter.

Juliane Olson was not able to attend the meeting, but sent a certificate of appreciation for the Chapter's \$100 donation to Iowa Women in Natural Resources. Juliane also requested continued support. Chris Larson made a motion to fund IWNR at \$100 for 1995. Kay Hill seconded the motion and it was approved.

Bernard has written letters on the Chapter's behalf in support of extending the Conservation Reserve Program to Congressmen Chuck Grassley, Jim Nussle, and Neil Smith. All three congressmen have replied.

Joe Larscheid, Fisheries Action Network (FAN) Manager for Iowa has received Network training in Minneapolis. Approximately seventy percent of the FAN questionnaires sent to Chapter members have been returned to Joe. The goal of FAN is to have an internal inventory of member's expertise and to also list Organizations which could support the FAN. The survey will also list liabilities to Fisheries in Iowa. Joe is waiting on software which will help organize the data set.

Martin Konrad has gone to an organizational meeting of the Iowa Environmental Council. The Council is a coalition of conservation and environmental organizations that will lobby the legislature. The council has three main issues of concern. First, there is a concern about water quality in Iowa. Second, taking of private land for conservation projects is opposed by some groups and this could handicap conservation efforts. The final concern is to provide long term funding for the Iowa DNR. The council will look at funding through a small fraction of a cent in sales tax money. Martin made a motion to become a voting member by donating \$100 to the Council. Dick McWilliams seconded the motion and it was approved. A discussion of whether support of the Council was a conflict of interest to Chapter members who are also Iowa DNR employees followed. It was agreed that

belonging to the Council was not a conflict of interest for DNR employees.

Wildlife Diversity funding was introduced by Don Kline. They are looking to get a letter writing campaign going to support a five percent nationwide tax on binoculars, tents, and other outdoor equipment. The main focus of the group now is on wildlife, but fisheries is included. Don encouraged members to participate in the county meetings. No action was called for at the present time.

President Schonhoff asked for a round of applause for the work past Secretary Treasurer Joe Schwartz did this past year.

John Pitlo discussed the need for the Chapter to write a position paper against the Corps of Engineers plan for navigation expansion on the Mississippi River. It was agreed that the Executive Committee will handle the letter when the public review of the proposed project is reopened this spring.

The Constitutional amendment to protect the Iowa Fish and Wildlife Trust Fund was discussed. Marion Conover explained that the referendum needs to pass the legislature one more time before being voted on by the general public. No immediate action was needed.

Martin Konrad gave a background description of Iowans For Better Fishing (IBF). This lobbying group is trying to get the Constitutional amendment to protect the Iowa Fish and Wildlife Trust Fund passed. Martin discussed some of the fund raising activities of the organization. Martin made a motion to allow the Executive Committee to approve yearly support of IBF. Chris Larson seconded the motion and it passed. Marion Conover encouraged members to join the IBF.

Jeff Kopaska brought up the fact that there is a six year limit on being a Student member of AFS. This limit does not cover the period it would take to acquire a Ph.D. Discussion followed and Jack Wingate agreed to bring the concern to the NCD.

Next Meeting: The possibility of holding a joint meeting with the Iowa Chapter of the Wildlife Society or the Wisconsin Chapter of the AFS was discussed. President Elect Gary Siegwarth will look into meeting arrangements.

Adjournment: Having no further business the President asked for a motion to adjourn. Mike Mason moved to adjourn the meeting. Lanny Miller seconded the motion and the meeting was adjourned.

Tom McCarthy
Secretary-Treasurer

Elections Usher in "The Year of the Rat"

"It must be the water" said Tom Boland after learning of his narrow victory in the battle for president-elect of the Iowa Chapter of the American Fisheries Society. Tom brings with him 20 years of fisheries experience, the majority on the Mississippi River, and a strong desire to improve youth fisheries education. His first official duty will begin as the program chair for the upcoming meeting with Nebraska in January. Tom can be reached during the day at his office in Bellevue at 319/872-4976.

A second river rat was put into office in another close contest. Mark Cornish, from Fairport, will immediately assume the secretary/treasurer reins from Tom McCarthy. Mark has worked for the DNR in fisheries since 1987 in both fish culture and fish management and looks forward to his new job with the Iowa Chapter. He can be reached during the day at 319/263-5062.

Special thanks to Dr. Joe Morris and Paula Surber for their participation in the election process as candidates and to Don Kline and Ken Snyder for their excellent work on the nominating committee.

The Iowa Environmental Council

The Iowa Environmental Council was formed in late 1994 to seek a sustainable future through shaping public policy, research and education, coalition-building, and advocacy. Our Chapter has been a part of the IEC since its inception and donates \$100.00 annually to maintain a membership. Martin Konrad represents our Chapter as an IEC Director. We are one of many groups which support the IEC. The list of member organizations includes:

American Fisheries Society, Iowa Chapter
American Society of Landscape Architects, Iowa Chapter
Des Moines Area Greens
Des Moines Audubon Society
Energy and Self-Reliance Center
Environmental Advocates
International Dark-Sky Association
Iowa Association of County Conservation Boards
Iowa Association of Naturalists
Iowa Association of Soil and Water Conservation District Commissioners
Iowa Audubon Council
Iowa Citizens Action Network, Environmental Project
Iowa Conservation Education Council
Iowa Farmers Union
Iowa Natural Heritage Foundation
Iowa Peace Corps Association
Iowa Prairie Network
Iowa Renewable Energy Association
Iowa Wildlife Federation
Iowa Women in Natural Resources
Izaak Walton League of America, Iowa Division
J.N. Ding Darling Foundation, Inc.
Johnson County Heritage Trust
Johnson County Songbird Project
The Nature Conservancy, Iowa Chapter
PrairieFire Rural Action
Sierra Club, Cedar Wapsie Group
Sierra Club, Iowa Chapter
Trees Forever
United Methodist Church, Iowa Conference, Division of Environmental Justice and Survival



Mailbag:



10/4/95

American Fisheries Society, Iowa Chapter,

On behalf of Iowa Women in Natural Resources and the Iowa Department of Natural Resources I would like to extend a huge thank you to the Iowa Chapter, American Fisheries Society for the financial support shown to us to provide the Becoming An Outdoors-Woman workshop here in Iowa. Response to the program was once again tremendous with over 176 participants applying for the 111 spots.

The impact we are making with this non-traditional audience is quite obvious from the excitement and interest that is generated at this workshop. We strive to provide a high caliber of workshop and the support your organization has given made it possible. I am confident all of us involved in natural resources will benefit from providing opportunities for this non-traditional audience as they become involved in the conservation of these resources.

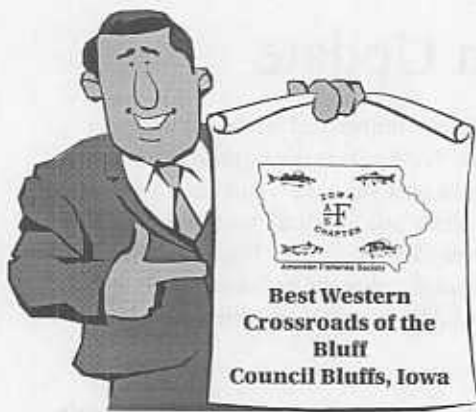
*Sincerely,
Gloria Baker, Project Coordinator
Guthrie Center*

9/25/95

Dear American Fisheries Society, Iowa Chapter,

I had the pleasure of attending "Becoming an Outdoors Woman" this past weekend. It was such a great experience that I wanted to write and thank you for supporting it, I'm so happy to see programs such as this.

*Sincerely,
Dawn Wentworth
Boone, Iowa*



Iowa - Nebraska Joint AFS Meeting

January 29-31, 1996

Last Call for Papers

We are requesting oral and poster presentations for the joint chapter meeting with Nebraska at the end of January. This is an excellent opportunity to exchange ideas and educate Nebraskans to some of the excellent fisheries work going on in Iowa.

We are asking presentations to remain between 15 and 20 minutes long depending on the number of papers received. Please submit presentation requests, the completed abstract form, and special needs (i.e., video) by **December 15th** to:



Tom Boland
Iowa DNR/Bellevue Fisheries Management
24143 Highway 52
Bellevue, IA 52031
319/872-4976; FAX 319/872-4945



ABSTRACT FORM,
Please send a copy on floppy disk too!

Title
Name of Author(s)
Address (including zip)

Abstract

Abstracts will be printed in a booklet for the meeting

Reap Alliance, Fall 1995

By Dick McWilliams

The REAP Alliance has been working on a variety of efforts to improve communications and support for REAP. Public awareness of REAP goals/objectives and benefits to local communities has been limited and consequently much of the efforts from various conservation organizations has been spent in support of the program rather than in developing programs. Similarly, much of the effort of the Alliance is spent in educating legislators about REAP and the importance of funding for the program. REAP was originally designed to have 10 percent of all land in the state under some form of public protection by the year 2000. The program has changed and grown tremendously over the years and now includes much more than just the original goal.


REAP Study: The ISU Department of Journalism and Mass Communication has begun a study to facilitate public awareness and provide information to REAP participants as to direction and possible options. The study is comprehensive, and includes a public relations and media campaign to generate awareness in support of REAP. The program will include feature articles, press releases, a community action kit to generate local activity and media coverage and displays. It will also help local activists generate local support for the REAP program and involve education and encourage legislative support for the program. While the public awareness campaign in for 12 months, the action kit will provide local groups with guidelines and information for the years to come.

The first part of the study is now underway. About 1,000 questionnaires have been sent to people around the state to

determine where the REAP program is in terms of awareness and also to gauge awareness of a conservation program. Students are also active in preparing information that will be used shortly in mass media about REAP.

REAP License Plates: Sales of the plate have been going well. The latest figures show over 25,000 plates have been sold (through October). Have had a number of good comments on the attractiveness of the plates, and the design is a major selling point for the plates. Ross Harrison mentioned that the Iowa plate is one of the national leaders in sales on a per capita basis. Ross also said the prediction now is that sales will exceed 30,000 for the first year.

REAP Budget: The DNR is requesting \$10-13 million dollars for fiscal year 1997, plus money generated from license plate sales and interest from accounts. The Governor's budget requests have not been released.

Other: Mention has been made about extending REAP through time until the original goal of \$300 million dollars (and 10% of land under public conservation) has been met; however, this has not been written into law. It has been suggested the next REAP Congress, due to meet in July, 1996 make this part of the recommendation package, and that action be taken during the 1997 legislative session. Those of you involved in the selection process might bring this up through the local REAP committees for inclusion at the next congress. 



Ideas Wanted:

Continuing Education for Fisheries Biologists



Several people have been contacted and have contacted us concerning ideas for continuing education. There are a variety of ideas and/or workshops available; however, there is little consensus for which direction to pursue. Rather than list possible workshops, would **each of you** take a moment to outline what you would like to see covered and return these valuable ideas to either *Joe Morris, ISU Fisheries Ext., 124 Science II, Iowa State University, Ames, IA 50011, (515) 294-4266*; or *Dick McWilliams, Fisheries Mgt., 1436 255th, Boone, IA 50036, (515) 432-2823*. We will then pursue the top two or three entries and contact chapter members to determine best times and locations.

Idea: _____
Material to be Covered : _____

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