

LATERAL LINES

VOLUME 14, NO. 3 MAY, 1998

THE NEWSLETTER OF THE IOWA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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PRESIDENT'S CORNER

Greetings from Iowa State University! As I set at my desk, covered by algae samples and requests for aquatic information, I tend to reflect on the upcoming spring season. As a Midwestern fisheries biologist, you know it is spring when you are faced with last minute details concerning field season as well as preparing ponds for fish stocking.

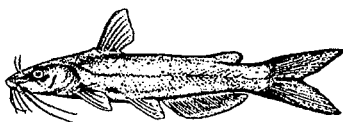
One of the goals of my Chapter Presidency is to promote AFS membership for both students and agency personnel who are not already members. In doing so, the AFS society and its members need to be able to indicate the benefits of joining this professional organization. If any of you have any ideas or concerns related to this idea please contact me at your convenience. For those of you who are already members, please consider becoming involved in the organization, either as a candidate for office or in a service capacity. As many of you have already heard before, the quality of an organization is based directly upon those who participate fully in it. My hats off to the new newsletter editor, Brian Pottebaum. I am quite confident that he will do an excellent service to this chapter in this capacity.

Remember that Catfish 2000, 1st International Ictalurid Symposium, will be held June 23-25, 1998 in Davenport, IA. This 3-day symposium will bring together specialists from resource agencies across the nation and the general fishing public to discuss and share their knowledge concerning the management, research, and culture of catfishes and to help promote the catfish family as an important sport and commercial fish species. Over 75 speakers have been selected for this meeting.

Cont.

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President's Corner cont. from Page 1.

Co-sponsors include: the Iowa and Illinois AFS Chapters, Quad Cities Conservation Alliance (QCCA), Upper Mississippi River Conservation Committee (UMRCC), In-fisherman, Inc., and the North Central Division of the American Fisheries Society. For more information contact Tom Boland (319-872-4976) or check out the web page at <http://www.umn.edu/ncdafs/cf2000>.

The president elect, Dick McWilliams is presently setting up the next state chapter meeting. It is scheduled to be a joint meeting with Wisconsin and Minnesota. Stay tuned for more details in future newsletters.

In closing, I hope that all of you will have a productive spring season. Please consider becoming involved in our Chapter or Society.

A Call for Support of the Aquatic Resources Trust Fund

Lately, there has been a lot of talk about the Wallop-Breaux program and the Aquatic Resources Trust Fund. If you are not sure what I am referring to, I recommend that you research this topic.

The 400,000 licensed anglers and 250,000 licensed boaters of Iowa have the opportunity to utilize an additional estimated \$800,000 thousand to moneys received in Iowa through the Wallop-Breaux program. As concerned anglers and/or boaters, you should support the 5-year reauthorization of this program, specifically the allocation of an additional 6.8 cents/gallon in boating and small engine fuel taxes to the Aquatic Resources Trust Fund.

I encourage everyone to contact Senator Grassley to show support for the return of the small engine and motorboat fuel taxes to the rightful fund.

Newsletter of the Iowa Chapter of the American Fisheries Society Volume 14, Number 3

Committee Chairpersons

Audit	Mark Winn
Membership	Tom Boland
Resolutions	Marion Conover
REAP	Dick McWilliams
Continuing Education	Clay Pierce
Student Affairs	Mark Pegg
Nominations	Mark Flammang
Best Paper	Steve Waters
Education	Gary Siegwarth/Tom Boland
Catfish 2000	Tom Boland

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The "Preamble"

As some of you already know, there's a new editor in charge of the "Lateral Lines". I am an Iowa State University alumnus, and I recently filled the Natural Resources Technician II position under Ken Snyder at the Fairport Fish Hatchery. I am proud to be in charge of the "Lateral Lines". I hope to continue the great work Mark Cornish was previously doing with this newsletter. I am always open to new ideas, and I encourage everyone to submit ideas and short articles for the newsletter. Although this is generally an informative newsletter, I would like it to be interesting, as well. If anyone has any questions, comments, or concerns, I can be reached at the address listed in the newsletter.

Brian



Minutes for the Iowa Chapter Business Meeting
January 20, 1998
Iowa State Memorial Union

The annual business meeting was called to order by Joe Morris, president. The meeting was attended by 60 members.

President Morris commented that he wants to make the chapter newsletter more accessible to undergraduate students, basically to inform them of the potential for involvement in the professional society.

Approval for the 1997 business meeting minutes was requested by president Morris. Chris Larson made a motion to accept the minutes, John Pitlo seconded, and the motion carried unanimously.

Awards were given to Tom Boland (past-president), Chris Larson (secretary/treasurer), and Mark Cornish (newsletter editor). No best paper award was given due to no presentations at the 1997 annual meeting.

The treasurer's report was summarized and concluded a balance of \$1,646.05 as of 15 September 1997. Kay Hill made a motion to approve the treasurer's report. The motion was seconded by Tom Boland, and it carried unanimously.

Committee Reports

Audit - Mark Winn reported that the 1996 - 1997 books were in order.

Membership - Tom Boland reported that we had a small decrease in chapter membership in 1997, but had 70 members signed up for 1998 as of this meeting. Tom mentioned that we need to continue working towards increasing student membership. Discussion followed: Gary Siegwarth commented that he was disappointed that so few undergraduate students attended the meeting, especially since the meeting was held on campus at Iowa State University. Mike Steuck commented that nine students had paid AFS chapter dues and believed 5 Wildlife Society students had paid TWS dues. Joe Morris and Bob Summerfelt both commented that numerous steps were taken to inform students of

the meeting time and place, and of the benefits of attending such a meeting.

Resolutions - Marion Conover reported that he had one resolution to bring in front of the chapter members. The resolution expressed appreciation to the AFS Officers, Governing Board, Management Committee and the Executive Director and Staff for their efforts, now and in recent years, to achieve balance between professional development and the Society's resource-based objectives. He also urged a continuation of efforts to professionally speak up for the aquatic resource to maintain sustainability for current and future users. Motion to approve the resolution was made by Tom Gengerke and seconded by Clay Pierce, the motion carried unanimously.

REAP - Dick McWilliams informed us that REAP received noticeable attention at the Recreation Summit and it was very positive. The program was extended to the year 2021 with funding up to \$20 million per year. The natural resources committee requested \$12 million for the next year plus the sales and interest from the REAP license plates, but the governors offices only allowed \$9 million plus sales and interest from the REAP license plates. Thanks were given to those who had helped in the past. Dick reminded us that the REAP assemblages at the local level were going to begin soon. He emphasized that a lot of time and effort are put into those meetings and the importance of attending and bringing others to the meetings at the local level.

Continuing Education - Clay Pierce proposed an education course on Arc View Geographic Information System taught by Kevin Kane for next winter. Tom Gengerke motioned that Clay pursue the GIS course, seconded by Lannie Miller. The motion passed unanimously.

Student Affairs - Mark Pegg reported that his mission was to increase student attendance at professional meetings, such as this and the Midwest. Mark Pegg was the \$100 recipient of the student travel grant for 1998. A discussion ensued about possible solutions to increase student attendance. No action was taken.



Nominations - Mark Flammang congratulated the newly elected officers, and is seeking qualified individuals for nominations for the upcoming elections. --

Best Paper - Steve Waters reported that Kay Hill, Ken Snyder and himself will judge the fisheries/aquatic papers at this years meeting.

Newsletter - Brian Pottebaum reported that he will take on the task as the new Iowa Chapter AFS newsletter editor vacated by Mark Cornish. Brian stated that he is open to any new ideas that will enhance the newsletter.

Education - Tom Boland/Gary Siegwarth reported that no education projects under the umbrella of AFS are in the works right now and they are open to suggestions. A discussion ensued about possible projects. Tom Boland suggested the Catfish Creek Coalition. Chris Larson suggested sponsoring a bus trip for students to visit a riparian buffer strip project. Joe Morris suggested creating pamphlets/guides for assisting the public. Bruce Menzel suggested sponsoring materials for a Wildlife in Agriculture class that ISU has been involved with for a number of years. No action was taken.

Catfish 2000 - Tom Boland reported that the program for the Catfish 2000 international ictalurids symposium was coming together nicely. In addition to the symposium, they will be having a trade show that represents the catfish industry (both commercial and sport). You can now log on to Catfish 2000 at it's web site: <http://www.fw.umn.edu/ncdafs/cf2000>. Tom also stated that they need volunteers to help out at the symposium and to contact him if you would be willing to help.

Other Items/Reports

Mike Steuck reported that the AFS Parent Society has announced its 1997-1998 Call for Awards Nominations. The nomination deadline for all Society level awards was April 15, 1998. Information on the ten different awards can be found in Fisheries Magazine or by contacting Mike Steuck.

Old Business

Two ongoing contributions were presented in 1998. The 1998 sustainer membership to the Iowa Environmental Council was \$100 and the 1998 contribution to the REAP Alliance was \$150. The Iowan's for Better Fisheries is now defunct and Becoming an Outdoor Woman was unrequested.

New Business

Scheduling Future Chapter Meetings - Dick McWilliams suggested a tristate meeting with Minnesota and Wisconsin to be held in the LaCrosse area in 1999. Marion Conover mentioned that it would be feasible for the DNR fisheries people if there was no registration and could stay within the instate meals and hotel allowance. A motion was made by Clay Pierce to pursue this issue and was seconded by Gary Siegwarth. The motion carried unanimously. It was suggested that the 2000 meeting be held with Nebraska in the Council Bluffs area. A motion was made by Chris Larson to have the meeting with Nebraska and was seconded by Mike Mason. The motion carried unanimously.

"State Fishing Week"

Governor Branstad has proclaimed May 30 - June 7 "State Fishing Week" in Iowa. This event is designed to recognize an exciting and healthy recreational pursuit for persons of all ages.

This week also focuses on aquatic resource issues, such as habitat, biology and education. It also recognizes the effort and countless hours that go into managing Iowa's fishing resources.

In celebration of State Fishing Week, June 5-7 have been set aside as **free fishing days**. The DNR has waived fishing license requirements for all Iowa residents for these three days. All fishing laws, including size and creel limits, remain in effect.

This information was obtained from the IDNR News



AFS MEMBERSHIP

The American Fisheries Society (AFS) invites you to join forces with more than 9,200 members worldwide to assure an even stronger voice to speak for fisheries and to present the views of fisheries professionals. The AFS is a worth while cause, and the benefits are advantages. Joining the AFS presents an excellent opportunity to meet with fisheries professionals within the state and nationally.

As students, you might think that it's not worth your time, or that you can't afford it. But contrary to popular belief, there are advantages to being a member if you intend on a carrier in fisheries. To receive more information about the parent society, you can visit the AFS home page at www.fisheries.org, or contact Brian Pottebaum at (319) 263-5062.

As with the parent society, the Iowa Chapter of AFS presents many advantages as well. The chapter can be more effective the more members we encompass. As was mentioned at this year's annual chapter meeting, we need more students to get involved. This is true, and it is up to us (the current members) to get them involved. The chapter dues are minimal compared to what you can get out of the membership. If you are not already a member, or you know someone that is not, you/they can sign up by filling out the form below, or supplying Mike Steuck (Secretary/Treasurer) with your address and chapter dues (\$ 5.00).

Iowa Chapter AFS Membership

To join, fill out the information below and send a \$5.00 check (payable to the Iowa Chapter AFS) to:

Mike Steuck Sec/Treas.
Iowa DNR
206 Rose Street
Bellevue, IA 52031

Name: _____
Street: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____

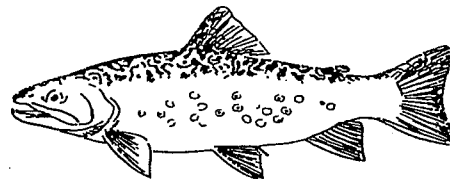
REAP Alliance Update

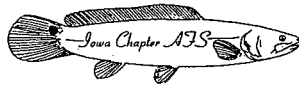
Spring 1998

Dick McWilliams

REAP has been receiving some favorable attention this past year, most noticeably in the past few months. The "Recreation Summit" this past November in the Iowa House reinforced REAP. Discussions during the "Summit" included park & recreation needs, wildlife diversity, REAP and lake management. Overall, the reports indicate a positive outlook for REAP. The bill passed last year on REAP, helped with the overall program. This extends the REAP program through the year 2021 and authorizes funding up to \$20 million annually. As with other efforts, appreciate those that contracted representatives and senators to help get everything done.

The Natural Resources Commission requested \$12 million, plus license sales and interest for the next fiscal year. The Governor's office asked for \$9 million, plus the license sales and interest. The license sales and interest will probably amount to around \$2 million. What the final budget will be is unknown, but hopefully, with all the grant request on hand, interest expressed by various members, and help from people who contact their local representatives, will get closer to the \$12 million (plus license sales and interest) than in the past.





Cornish Shoots Eagle



Former DNR employee, Mark Cornish, announced that he shot an eagle at the Highland Springs Municipal Golf Course in Rock Island. He admits that it was kind of a freak deal. Although he was a bit rattled after this incident, he was able to complete the round. Mark is going to continue golfing with hopes of one day hitting a hole in one.

Western Regional Instream Flow Conference October 8-9, 1998

Trout Unlimited announced their fourth Western Regional Instream Flow Conference. The conference is scheduled for October 8-9, 1998, at Copper Mountain Resort in Summit County, Colorado. This year's theme is "Water for Fish vs. Water for People: A Real Conflict?" This conference aims to bring together water users, agency professionals, academics, and conservationists to share the latest developments in instream flow issues throughout the western United States.

This year's presentations include:

1. the scientific basis for determining instream flow needs,
2. the economic and social values of competing uses of water,
3. the legal and institutional constraints confronting efforts to provide flows for both fish and people.

The final agenda and registration forms will be available in early July. To be placed on the mailing list for the conference, please send a request to: Western Regional Instream Flow Conference, 190 E. Ninth Ave., Suite 120, Denver, CO 80203. Requests can also be sent via the Internet, to WesternISF@aol.com. For more information regarding the conference program, contact conference director David Nickum at (303) 837-9383.

AFS Best Paper Award

This past February, in the FISHERIES publication, the American Fisheries Society announced the recipients of the best paper awards for articles published in the AFS journals. Congratulations to Brian Bristow, Robert Summertfelt, and Richard Clayton for their award on "Comparative Performance of Intensively Cultured Larval Walleye in Clear, Turbid, and Colored Water." This article was published in a 1996 edition of The Progressive Fish-Culturist.



American Fisheries Society Holds First Student Writing Contest

The American Fisheries Society is holding its first writing contest to recognize students who do an excellent job of communicating the value of fisheries science research to the general public. Undergraduate and graduate students are asked to submit a 500-700 word article explaining their own research or a research project in their lab or school. The article must be written in language understandable to the general public (i.e., journalistic style).

Students may write about research that has been completed, is in progress, or is in the planning stages. Most important is that the students write their articles in a manner that people can understand and appreciate why the research is important. Also, convey how this research can help society and the fisheries resources.

The top three winners will be invited to the annual meeting (at winner's expense), where their articles will be prominently displayed at the poster session; they will also be given a plaque recognizing their achievements. The winning articles will be published in FISHERIES, a national AFS publication. Articles are due no later than 15 January 1999.

Please mail five copies of the articles to Marilyn Brown, AFS; 5410 Grosvenor Lane, Suite 110; Bethesda, MD 20814. If you have any questions, contact Marilyn at (301) 897-8616, ext. 201.


THE IOWA CHAPTER AFS ELECTION BALLOT




PRESIDENT-ELECT



Scott Gritters

I obtained a bachelor's degree in Fisheries and Wildlife Biology from Iowa State in 1987 and have been an AFS member since 1987. In addition, I am a member of the walleye, salmonid, and the rivers and streams subcommittees. Presently, I am the team leader at the Mississippi Monitoring Station. My professional interests are quite varied, but I am especially active in watershed management and methods to improve water quality and fish populations on our lakes and rivers. Each year I find myself devoting more time to watershed alliances, such as the Maquoketa River Alliance and other watershed-based projects on eastern Iowa rivers. Other professional interests include, helping with web-page development, turtle monitoring, and Iowa's rare and endangered fishes. I would be proud to be your President of the Iowa chapter. I would like to see the Chapter continue to train its members in professional aspects of their jobs. I would also like the Society to continue to educate Iowa's citizens of the importance of quality fisheries to our way of life. 

Robert Summerfelt


I received my B.S. Degree from the University of Wisconsin Stevens Point, and M.S. and Ph.D. degrees from Southern Illinois University. I have been a member of the American Fisheries Society (AFS) since 1959 and an Iowa Chapter member since 1976. I am a member of the Bioengineering, Computer Users, Early Life History, Education (founding member and President, 1982-83), Fish Culture, Fish Health (founding member), Fishery Management, and Water Quality AFS Sections. I have served as an Associate Editor for the Progressive Fish-Culturist. I have also served on the Award of Excellence Committee and the AFS Publication Awards Committee. In addition, I have served on the AFS Campus Network Program from 1989-98. My goal as the Iowa Chapter AFS President is to provide excellence in service to the chapter, advancement of the profession, and protection of aquatic resources. 




Secretary/Treasurer



Mike Steuck

I graduated from Iowa State University in 1987 with a degree in Fish and Wildlife Biology. With the help of many, I was promoted to my present position as fisheries biologist with the Iowa Dept. of Natural Resources at the Long Term Resource Monitoring Station in Bellevue. I have been an Iowa Chapter AFS member since 1987 and a Parent Society AFS member since 1991. I am currently Iowa Chapter AFS secretary/treasurer and would like to continue contributing to the chapter in this manner. I have served as committee chair of the Iowa Chapter AFS nominations, sub-committee member of the walleye and rivers and streams, as well as a committee member in Pheasants Forever. 

Paula Surber

I graduated from Iowa State University in 1988. I have since been employed at the Rathbun Fish Hatchery. I have been a member of the American Fisheries Society since 1988. I am married with two children, EJ who is six, and Megan who is four. We enjoy fishing and horseback riding. We live in Centerville and I am active in the Parent Teacher Student Association. 

It's Election Time

The Iowa Chapter is holding its annual election of officers and we have a fine slate of candidates. Scott Gritters and Robert Summerfelt are running for President Elect with Mike Steuck and Paula Surber running for Secretary/Treasurer.

On the reverse of this page you will find a ballot and a brief biography of each candidate. Please mark your selection, fold and tape the ballot, then drop it in the mail.

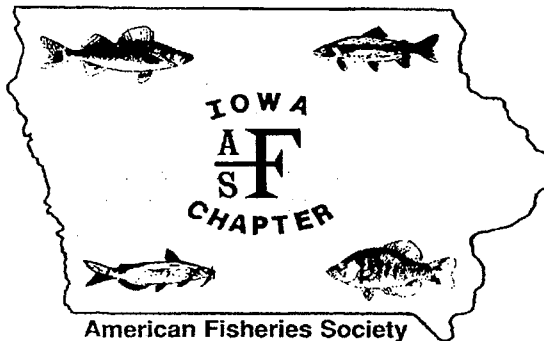
Hurry, the deadline is **June 10, 1998!**

Fold Here

Stamp

Mark Flammang
Rathbun Hatchery
RR 2, Box 400
Moravia, IA 52571

Fold Here



The River Runs Through It

Match the river system to the country it flows through.

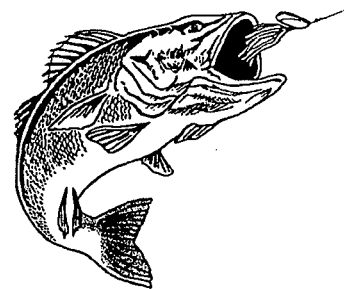


Brain Teasers

The Wizard's Problem

The old wizard of Iconium lived with his two children in a tall tower on a hilltop. One day when he was alone, he decided to take a bath. The bathroom was at the top of the tower. It was a small room, with only one door and no windows. The walls, floor and ceiling were made of stone. The wizard turned the water on and got into the tub. Just then, his cat chased a mouse past the door. The cat bumped the door and it swung shut with a bang. The bump jarred the latch, and the wizard heard it click. He was locked in the bathroom! Angrily, the wizard tried to turn off the faucet, and the handle broke off in his hand. Water continued to pour out of the faucet. There was no way to shut it off. Slowly the water began to fill the bathtub. The wizard knew that in time the whole room would be filled with water-and he could not get out! How did the wizard keep from drowning?

Answer: To keep from drowning, all the wizard had to do was pull the plug in the bathtub! But then he had to figure out how to get the door open, and that was a lot more difficult.



Largemouth Bass

What kind of fish am I?

1. I am a hybrid fish.
2. One of my parents lives in saltwater, while the other lives in freshwater.
3. The saltwater parent has been commercially harvested and is a very popular sportfish.
4. The freshwater parent is also a sportfish.
5. There is a national association for people involved in the farming of these fish.

Answer: Hybrid striped bass is the original cross between striped bass (*Morone saxatilis*) female and white bass (*M. chrysops*) male or the reciprocal cross between the white bass female and the striped bass male. The striped bass is native to saltwater, while the white bass is native to freshwater. However, striped bass have been successfully introduced into freshwater as a sport fish.

River System	Country
1 Nile	A. Zaire (Africa)
2 Rhine	B. Canada
3 Congo	C. Brazil
4 Yangtze	D. United States
5 Amazon	E. Germany
6 Ob	F. South Africa
7 Churchill	G. Iraq
8 North Platte	H. Russia
9 Orange	I. Egypt
10 Tigris	J. China

Answers: 1-I, 2-E, 3-A, 4-J, 5-C, 6-H, 7-B, 8-D, 9-F, 10-G

Rating: 1-2 correct:- disoriented; 3-6- Huck Finn, 7-8- River Rat, 9-10- Magellan



Meetings of Interest



Jun 23-28, 1998 **First International Ictalurid Symposium: Catfish 2000**. Davenport, Iowa. Contact Steve Eder, Missouri Department of Conservation, P.O. Box 180, Jefferson City, MO 65109-0180; FAX 573/526-4047;

Jul 9-13 **American Fisheries Society Larval Fish Conference**. The University of Michigan, Ann Arbor, Michigan. Contact Ed Rutherford, Michigan Institute for Fisheries Research, 1109 N. University Ave., 212 Museums Annex Bldg. 1084, Ann Arbor, MI, 48109-1084, 734/663-3554, Fax 734/663-9399.

Aug 23-27, 1998 **The 128th Annual Meeting of the AFS - "Challenges for the New Millineum: Shaping the Future of Fisheries Science and the Fisheries Profession."** Hartford Civic Center and Sheraton Hotel, Hartford, Connecticut. Contact Betsy Fritz; AFS; 5410 Grosvenor Lane, Suite 110; Bethesda, MD 20814-2199; 301/897-8616, ext. 212; FAX 301/897-8096; bfritz@fisheries.org.

Aug 30-Sep 3, 1998 **AFS Fish Health Section Annual Meeting and Third International Symposium on Aquatic Animal Health: Building Partnerships for the 21st Century**. Renaissance Harborplace Hotel, Baltimore, Maryland. Contact Sarah Poynton; Division of Comparative Medicine; Johns Hopkins University School of Medicine; 459 Ross, 720 Rutland Avenue; Baltimore, MD 21205; 410/955-3273; wellfish@welchlink.welch.jhu.edu.

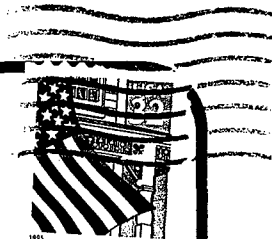
Jan 1999 **Iowa-Wisconsin-Minnesota Joint Annual AFS Chapter Meeting**. Proposed site in LaCrosse, WI. The groundwork for this meeting is still being laid, stay posted for further details!

Aug 30-September 2, 1999 **The 129th Annual Meeting of the AFS**. Adams Mark Hotel, Charlotte, North Carolina. Contact Betsy Fritz; AFS; 5410 Grosvenor Lane, Suite 110; Bethesda, MD 20814-2199; 301/897-8616; ext. 212; FAX 301/897-8096; bfritz@fisheries.org.

The American Fisheries Society supports the conservation of North America's fisheries and aquatic ecosystems by promoting professional excellence in fisheries science, management, and education.



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Mark Cornish

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