



LATERAL LINES

VOLUME 14, NO. 2 DECEMBER, 1997

THE NEWSLETTER OF THE IOWA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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PRESIDENT'S CORNER

As your new President, thank you for the opportunity to serve in this capacity. My goals for this upcoming year are to increase the visibility of the chapter and to recruit a greater number of students into the chapter. I hope that several of the following activities will go to fulfilling these goals.

Heartfelt congratulations to the new AFS-IA chapter officers for 1997/98 administration. They are Dick McWilliams (President-Elect) and Mike Steuck (Secretary/Treasurer). Also, thanks to past-president Tom Boland and secretary/treasurer Chris Larson for their service in the past year.

This chapter has been truly fortunate in having Mark Cornish as the newsletter editor for the past 3 years. As many of you probably already know, Mark is taking a biologist position with the Corps of Engineers-Rock Island district in early January. Now this chapter finds itself in need of a new newsletter editor to fill the large shoes that Mark is leaving behind. So... if any of you would like to become the next newsletter editor please contact me ASAP.

During my administration I would like to see a web site developed for our state chapter; the newsletter could be placed on it. I have had some experience in working on newsletters and would be happy to assist the newsletter editor in these activities.

In addition to recruiting a newsletter editor, I have also been recruiting various committee chairs. Even if I did not contact you directly, please consider being involved in various AFS

Cont.

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President's Corner cont. from Page 1.

activities. While we are all quite busy in addressing daily concerns in our lives, the success of this chapter necessitates the input and involvement of chapter members.

In this issue of the newsletter, you will find a tentative schedule of the 1998 meeting, which is being held as a joint meeting with The Wildlife Society - Iowa Chapter on the ISU campus. The overall goal of this combined meeting is to bring fish and wildlife professionals together to examine common concerns and possible solutions in our field as we approach the turn of the century. It is still possible for additional members to present at the combine meeting; several of the presenters currently listed were 'strong armed' into giving a talk and would be more than happy to give up their slot. Please contact Dick McWilliams or myself if you are interested in presenting.

Keep in mind that *Catfish 2000* International Ictalurid Symposium is on schedule for June 1998. Please be sure to check the nw web site at <http://www.fw.umn.edu/ncdafs/cf2000>.

Next spring some of you will be getting a NCD Membership Survey. If you are one of the members who are selected, please complete this survey. Such information is needed to help make AFS leadership become more aware of membership concerns and wishes.

In conclusion, I looking forward to serving as your Chapter President for the upcoming year. If you have any concerns or observations that you would like to see addressed in this Chapter, please contact me at your convenience.

Newsletter of the Iowa Chapter of the American Fisheries Society Volume 14, Number 1

Committee Chairpersons

Audit	Joe Larscheid
Membership	Gary Siegwarth
Resolutions	Marion Conover
REAP	Dick McWilliams
Continuing Education	Joe Morris
Student Affairs	Hongsheng Liao
Nominations	Mark Flammang
Best Paper	Steve Waters
Education	Gary Siegwarth/Tom Boland
Catfish 2000	Tom Boland

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Arivederci

As you have probably heard by now, I'm leaving my post as newsletter editor for the Iowa Chapter while changing jobs from working for the State to working for the Feds. My three year tenure as editor has been both fun and challenging. My goals were to keep *Lateral Lines* inexpensive, entertaining, informative, and timely. I could have done none of those things without the help of a lot of people. Thanks!

Now the Iowa Chapter needs someone to step forward and take over the newsletter's reins. It's an interesting job that puts you into the inner circle of the fisheries profession. Plus for you CFP's out there, being editor will give you 10 *Category V* PDQP's annually! (*this will mean a lot more to you in the near future*) Please call Joe and say **YES** ... you will be glad you did.

Mark



**Minutes for the Iowa Chapter Business Meeting
March 3, 1997
Springbrook Education Center**

The annual business meeting was called to order by Tom Boland, president. Forty six members were in attendance.

Approval for the 1996 business meeting minutes was requested. Tom Gengerke made a motion to accept the minutes, Gary Siegwarth seconded and the motion carried.

Awards were given to Gary Siegwarth (past-president), Mark Cornish (sec/treas.), and John Pitlo (best paper).

The treasurer's report was summarized and concluded a balance of \$3070.38 as of 15 September 1996. Lanny Miller made a motion to approve the treasurers report and it was seconded by Martin Konrad and the motion carried.

Guest Speaker

Don Percia, North Central Division President thought the Mid-west Fish and Wildlife Conference meeting held in Omaha, Nebr., was productive. Don said a Strategic Plan had been developed by the NCD. The primary purpose was to produce a guidance document to help develop annual work plans and design a web page for chapters and division. Another of the priorities was recruiting new members. Surveys will be used to find out why members join. Don discussed a plan to manage investments properly. To help conserve money the chapter rebates will be cut in half, reducing the number of newsletters to two and a cut back in travel. The plan also calls for reviewing continuing Ed, GIS and the internet. Don informed members of a one day workshop July 30, on genetics to be held in Lacrosse, Wisconsin.

He said technical committees are doing well but emphasized the need of new leadership on some committees for those who have left. Don informed us that Doug Austin was the new Vice President. He also emphasized the need for more nominations for division awards.

Committee Reports

Audit - Bernie Schonhoff reported the 1995 - 1996 books were in order.

Membership - Gary Siegwarth reported we had 79 members in 1996 and that the increase was due to an influx of student participation. Fifty-six members had signed up for 1997 as of this meeting.

Resolutions - none

Continuing Ed - Joe Morris reported he had received 44 responses (out of 79 sent) on a survey to find out what kind of fisheries topics we might be interested in learning about. From the survey results, Joe suggested a one or two day meeting in November or December on Creel Survey Design & Analysis or Stats for Field Biologist. Possible speakers were David Turner from Missouri or Mark Kiser from Iowa State University. Joe also mentioned the possibility of a fish culture meeting in the fall at ISU. Funding was a concern for any of the meetings. Possible sources were discussed, one being from the D.J. administrative funds from the FWS.

REAP - Dick McWilliams informed us that 9 million dollars had been approved by the legislature for the 1997 fiscal year and that the governor would sign off on it! Added to the \$ 9 mill would be interest and REAP license sales. Dick emphasized the need for more involvement on the REAP assemblages from local level.

(Cont.)



Student Affairs - Hongsheng Laio was the \$100 recipient of the student travel grant for 1997.

Nominations - Mark Flammang said he would be contacting the membership and would appreciate our full cooperation if called to duty!

Best Paper - Steve Waters reported that it was a very difficult decision to pick the best paper as all participants did a great job!

Newsletter - Mark Cornish was unable to attend.

Education - Gary Siegwarth/Tom Boland talked about the cost vs. need and that the cost was prohibitive for fold out education folders (mobile exhibit). The possibilities of a Web page was discussed and seemed to be a likely avenue for us to pursue.

Other Items/Reports

Iowans for Better Fishing (IBF) - Martin Konrad reported that Marti Lamberti had stepped down as president of the organization, they are currently looking for a new leader. The IBF was instrumental in helping get the Constitutional Amendment to protect the Fish & Wildlife Trust Fund passed by the voters, with 90% voting for it. Martin discussed some of the new projects IBF will be working on in the future including; temporary lifting of the 10 hp restriction at Big Creek Lake and the tracking of Marine Fuel Tax Moines to make sure they are being directed to the right agencies.

Fish and Wildlife Diversity - Contributing money was discussed, but not acted upon.

Becoming an Outdoor Woman Program - Tom Boland reported that we had received many thank you letters from participants for

our funding support. Bernie Schonhoff made a motion to let the Executive council decide whether to give another \$100 contribution if ask for. Seconded by Mike Mason and the motion carried.

Iowa Environmental Council - Martin Konrad informed us he would be stepping down as the chapters representative and invited anyone who would like to attend one of their meetings to do so. Martin noted that the council was growing in numbers and at present had 53 organizations and 163 members. One of the issues they are working on was reviewing of water quality needs in the state of Iowa.

Old Business

Catfish 2000 - Tom Boland updated us on the progress of the planning committee for the Catfish 2000 symposium coming up 23 - 25, June 1998, at the River Center in Davenport. Tom said they had received around 100 abstracts so far. Iowa and Illinois are going to be joint sponsors of the meeting. General discussion was held involving funding support including public and private industry. Tom Gengerke made a motion to give catfish 2000 committee \$1000 from the Iowa chapter as a sponsor. John Pitlo seconded the motion and it was approved.

New Business

Scheduling Future Chapter Meetings - It was suggested an approved that we meet with the Iowa Wildlife Society in 1998, possibly at the Walnut Creek National Wildlife Refuge. A joint meeting with the Wisconsin chapter in Jan/Feb. 1999 was agreed upon. A possible Tri - state (IA-NB-SD) meeting was discussed for the year 2000, Boland stated that Excom would pursue it.

JOINT CONFERENCE OF THE IOWA CHAPTERS OF
THE WILDLIFE SOCIETY & THE AMERICAN FISHERIES SOCIETY

Fisheries & Wildlife Issues into the Next Millennium

January 20 - 21, 1998
Iowa State University, Memorial Union
Ames, Iowa

Iowa chapters of The Wildlife Society (TWS) and the American Fisheries Society (AFS) will hold a joint meeting at the Iowa State University (ISU) campus on January 20 - 21, 1998. Registration will begin at 9:00 a.m. on January 20 in the Sun Room, ISU Memorial Union.

A joint meeting will be held on the first day. Presentations concerning conflicts resolution in fisheries and wildlife fields, animal rights issues and aquaculture/fisheries issues will be presented. Presentations will be held from 9:30 a.m. to 5:00 p.m. with business meetings of both Chapters beginning at 5:00 p.m. A social hour is being planned for 6:00 to 7:00 p.m. The Chapters will meet separately in general sessions from 8:30 a.m. until 12:00 (noon) on the second day with TWS members meeting in the Sun Room, and AFS members meeting in the South Ball Room.

A block of 50 rooms has been reserved at both the Howard Johnson Express Inn (formerly the Silver Saddle Hotel: 1-800-798-8363: \$44 for up to two guests per room) or the Ramada Inn (1-800-922-7384: \$48 for one person or \$58 for two persons). Both motels are located on South Duff Avenue, just off of the Highway 30 bypass. Please call before January 7 for reservations and indicate that you are with the Iowa Wildlife and Fisheries Conference.

AFS-IA Chapter Registration Form

Name: _____ Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ Fax: _____ e-mail _____

Registration Fee*: Non-Student \$25.00 _____ Student: \$ 5.00 _____
Iowa Chapter Membership Dues: \$5.00 _____

Return to: Mike Steuck, Treasurer, LTRM Station 206 Rose St., Bellevue, IA 52031

*Registration fee covers costs associated with breaks (beverages and snacks) and social.



Fisheries and Wildlife Issues into the Next Millennium

Joint Conference of the Iowa Chapters of the
American Fisheries Society and the Wildlife Society



January 20 - 21, 1998

Ames, Iowa

Fold Here

Stamp

Mike Steuck
Iowa DNR
206 Rose Street
Bellevue, IA 52031

Fold Here





American Fisheries Society/The Wildlife Society Combined Meeting - Iowa Chapters

January 20-21, 1998

Ames, Iowa

January 20

Sun Room, ISU Memorial Union

- | | |
|------------------|---|
| 8:30-9:30 | Registration |
| 9:30-9:45 | Introductions |
| 9:45-11:30 | Norm Riggs (ISU) 'Understanding and dealing with controversy' |
| 11:30-1:00 | Lunch on your own |
| 1:00-1:30 | continuation of Rigg's presentation |
| 1:30-2:00 | Jim Pease (ISU) 'Human Dimensions' |
| 2:00-3:00 | Dave Hamilton (MDC) 'Fur Industry' |
| 3:00-3:15 | Break |
| 3:15-3:45 | Joan Hopper (ISU) 'Issues of Animal Rights' |
| 3:45-4:15 | Joe Morris (ISU) 'Challenges of Aquaculture in the Midwest' |
| 4:15-4:45 | Randy Schultz (KS W&P) 'Fisheries Management in Urban Areas' |
| 5:00-6:00 | Business Meetings
AFS - South Ball Room
TWS - Sun Room |
| 6:00-7:00 | Social
Combined Sun Room and South Ball Room |
| 7:00-8:00 | Silent Auction |





January 21

8:30-12:00 Separate general meetings for AFS and TWS

AFS - *South Ball Room, ISU Memorial Union*

TWS - *Sun Room, ISU Memorial Union*

Presentations — 15- minute presentations with 5 minute discussion

- 8:30-8:50 Mark Pegg (ISU) 'Longitudinal Age and Growth Comparison of Missouri River Shovelnose Sturgeon.'
- 8:50-9:10 Hongsheng Liao (ISU), Clay L. Pierce (ISU), and Joe G. Larscheid (IDNR) 'Estimating Population Density of Largemouth Bass from Electrofishing Catch per Unit Effort in a Large Natural Lake'
- 9:10-9:30 Jeff Kopaska (ISU) 'The effects of intensive agricultural land-use practices on small streams in northeastern Iowa'
- 9:30-9:50 Joe Larscheid (IDNR), Jim Christianson (IDNR), Tom Gengerke (IDNR) and Wally Jorgensen (IDNR) 'Bringing the muskies back to the Iowa Great Lakes - stocking the right kind of fish the right time of the year'
- 10:10-10:30 Break**
- 10:30-10:50 John Downing (ISU) 'Changing Lake Latrine to Lake Laverne at ISU'
- 10:50-11:10 Gary Seigworth (IDNR) 'Integrating riparian management demonstration areas into school education programs'
- 11:10-11:30 Jeff Madejczyk. (ISU) 'Fish Community Relationships with hydrological and landscape Characteristics in Iowa rivers and Streams'
- 11:30-11:50 Jim Forsberg (ISU) 'Effects of freeze-branding on walleye fingerlings'
- 11:50-12:10 J. Alan Johnson (ISU) and Robert C. Summerfelt. (ISU) 'Spray-dried blood cells as a partial replacement for fish meal in diets for rainbow trout *Oncorhynchus mykiss*'

- end -



Artificial Angst

Match the lure to the manufacturer

- | | |
|--------------------|---------------------|
| 1 Jitterbug | a. Cotton Cordel |
| 2 Hot Lips Express | b. Smithwick |
| 3 Fat "A" | c. Norman Lures |
| 4 Shad Rap | d. Luke Jensen Bass |
| 5 Wally Diver | e. Fred Arbogast |
| 6 Zara Spook | f. Bill Lewis Lures |
| 7 Rat-L-Trap | g. Normark Rapala |
| 8 ZZ Top Lure | h. Bomber |
| 9 Pop-R | i. Rebel |
| 10 Rattlin' Rogue | j. Heddon |

Answers 1-e, 2-d, 3-h, 4-g, 5-a, 6-j, 7-f, 8-c, 9-i, 10-b

Rating:

1-3 correct - corn king, 4-6 - worm drowner,
7-8 - troller, 9-10 - cast master



How Big is Big?

Match the "Bass" Species with the Hook & Line World Record Weight

Species	Lbs. - Ozs.
1. Largemouth Bass	A. 66 - 0
2. Peacock Bass	B. 6 - 7
3. Smallmouth Bass	C. 8 - 15
4. Rock Bass	D. 11 - 15
5. Redeye Bass	E. 2 - 7
6. Roanoke Bass	F. 3 - 9
7. Spotted Bass	G. 22 - 4
8. Striped Bass (Inland)	H. 2 - 4
9. Suwannee Bass	I. 9 - 1
10. White Bass	J. 3 - 0
11. Yellow Bass	K. 8 - 3

Answers: 1-G, 2-I, 3-D, 4-J, 5-K, 6-E, 7-C, 8-A, 9-F, 10-B, 11-H

Rating:

1-3 correct - face in the crowd, 4-6 - tournament qualifier, 7-9 -



CLASSIC Brain Teasers

Did You Know?

The estimated total catch for Iowa bluegill was 10,586,864 fish in 1994.

License sales decreased in Iowa by about 120,000 from 1981 (482,000) to 1994 (364,246).

22% of the anglers in Iowa were women in 1994.

90% of licensed anglers began fishing before the age of 16.

83% of anglers in 1994 felt they were getting their money's worth with a fishing license.

1994 anglers most preferred to fish for catfish and largemouth bass.

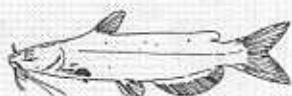
Bluegill, crappie, and largemouth bass were the most frequently caught fish in 1994.

Bullhead and carp comprise a smaller percentage of the total catch in 1994 than in 1986 or 1981.

Iowa anglers caught an estimated 39.8 million fish in 1994.

Information compiled from:

Fishing in Iowa, A Survey of 1994 Iowa Anglers. Center for Social and Behavioral Research, University of Northern Iowa. Spring 1995.



Meetings of Interest



Jan 20-21 1998 **Iowa AFS- Wildlife Society Joint Meeting.** ISU Student Union, Ames. Contact Joe Morris, Department of Animal Ecology, 124 Science II, Iowa State University, Ames Iowa 50011-3221; 515/294-6148 FAX 515/294-7874

Feb 19-21, 1998 **Whirling Disease Symposium.** Colorado State University, Fort Collins. Contact Whirling Disease Foundation, P.O. Box 327, Bozeman, MT 59771-0327; 406/585-0860; FAX 406/585-0863; whirling@mcn.net.

Feb 26-Mar 1, 1998 **AFS Southern Division Midterm Meeting.** Radisson Plaza Hotel, Lexington, Kentucky. Contact Jarrad Kosa, Kentucky Department of Fish and Wildlife Resources, 1 Game Farm Road, Frankfort, KY 40601; 502/564-5448, ext. 363

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

Aug 30-September 2, 1999 **The 129th Annual Meeting of the AFS.** Adams Mark Hotel, Charlotte, North Carolina. Contact Paul Brouha; AFS; 5410 Grosvenor Lane, Suite 110; Bethesda, MD 20814-2199; 301/897-8616 ext. 209; FAX 301/897-8096

Jan 1999 **Iowa-Wisconsin Joint Annual AFS Chapter Meeting.** Dubuque area. The groundwork for this meeting is still being laid, stay posted for further details!

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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