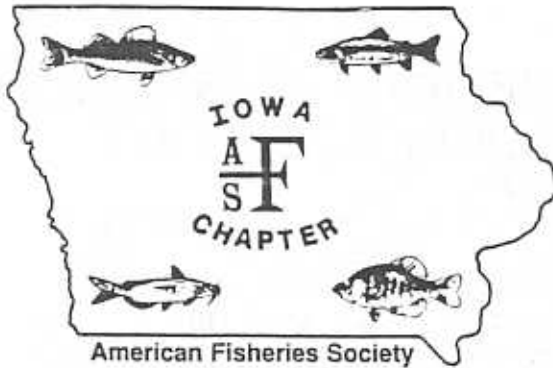


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NEWSLETTER

Volume 9, No. 1

January 1993

PRESIDENT'S CORNER

CHAPTER OFFICERS

PRESIDENT

Mike McGhee
State Fish Hatchery
R.R.
Mt. Ayr, IA 50854

PRESIDENT-ELECT

Martin Konrad
Central Office
Henry Wallace Bldg.
Des Moines, IA 50319

SECRETARY/TREASURER

Bryan Hayes
Rathbun Fish Hatchery
R.R. 2 Box 298
Moravia, IA 52571

PAST PRESIDENT & MEMBERSHIP CHAIRMAN

David Marolf
R.R. 2 Box 269
Manchester, IA 52057

The first newsletter of 1993 is finally a reality. Planning is near completion on the upcoming joint meeting with the Illinois AFS Chapter. The program is listed later in the newsletter and in addition to the excellent papers, the social mixer Tuesday night at the RIMCO building in Rock Island promises to be a great time. While I'm on the subject of the social mixer, busses will be provided to take us from Jumer's to the RIMCO building and back. Also in attendance at the meeting will be Paul Brouha, Executive Director of the AFS.

The results of our 1992 chapter election are as follows:

President-Elect	Secretary/ Treasurer
Martin Konrad Fisheries Wallace Building Des Moines, IA 50319	Bryan Hayes Rathbun Hatchery Moravia, IA 52571

Four IA AFS Chapter members were able to attend the NCD AFS annual meeting in Toronto in early December. Jim Wahl and I attended the EXCOM meeting. Considerable discussion centered around the Chapters "advocacy role" in environmental matters and also encouraging and increasing student participation at the Chapter, divisional and parent society levels. Also discussed was the increasing demand and participation in the various technical committees.

The legislature is back in session and besides personnel matters, one of the biggest questions for us will be the level of REAP funding. Letters of support by the Chapter and members may be necessary to help maintain this program.

Well, I hope to see you at the February meeting in Davenport. Be sure to bring some spare money to purchase a Tomelleri Fish T-shirt or participate in a raffle!

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SECRETARY/ TREASURER'S REPORT

The Chapter treasury stands at a healthy \$3,280. This is after \$514 was invested in Tomelleri T-shirts the Chapter is currently selling. If you haven't had a chance to purchase one of these yet look for them at our upcoming meeting with Illinois or contact Mike Mason at the Rathbun Fish Hatchery.

The Chapter received a donation of \$304.96 from the Federal Aid Coordinators Meeting in Spirit Lake last October. This was after they used the Chapter account to collect registration and pay bills.

I would like to thank Julaine Olson, Mike Mason, and Andy Moore for serving on the auditing committee.

AMERICAN FISHERIES SOCIETY COOKBOOK

SEA FARE -- THE OFFICIAL AMERICAN FISHERIES SOCIETY COOKBOOK, VOLUME ONE, has recently been published. The cookbook includes the favorite recipes of members of the Fish Culture section and interesting folklore, stories and facts about commercial fishing and fish. A copy will be available to review at the upcoming chapter meeting.

This cookbook offers the chapter excellent fundraising opportunities. Bulk is \$10 with a suggested retail price of \$15. Parent Society net profits are about \$5.50 per book, and will be split with the Fish Culture Section.

MID-CONTINENT WARMWATER FISH CULTURE WORKSHOP

The 1993 Mid Continent Warmwater Fish Culture Workshop will be held February 9 and 10 at the Holiday Inn - KCI in Kansas City, MO. The program is being developed and plans are to have Mr. Tom Bell, Food and Drug Administration, conduct a workshop Tuesday morning on the need for and the process of applying for Investigational New Animal Drug's (INAD's) for fish therapeutics. Another major focus will be sharing of fish culture techniques and information among hands-on fish culturists. For more information contact:

M. LeRoy Heman
Missouri DOC
P.O. Box 180
Jefferson City, MO 65102
(314)751-4115

or

V. Charles Suppes
Missouri DOC
Blind Pony Fish Disease
Diagnostic Laboratory
Route 2 Box 17
Sweet Springs, MO 65351
(816)335-4531

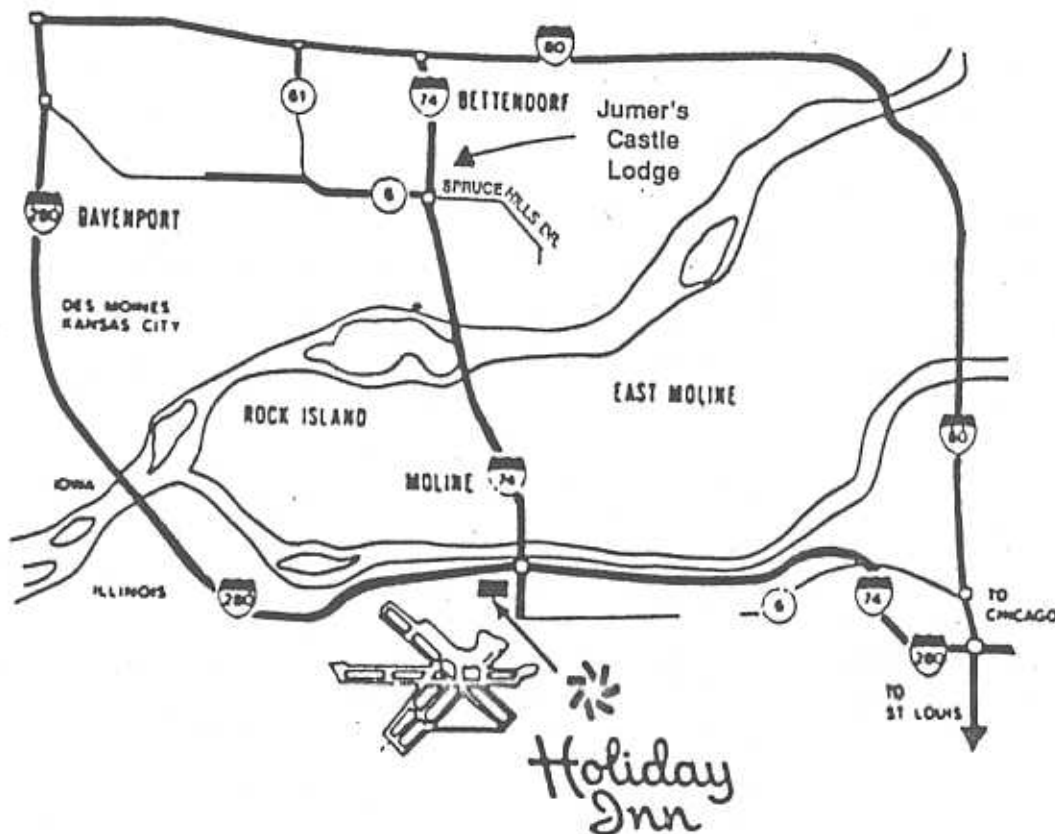
1993 IOWA AFS MEETING WITH ILLINOIS CHAPTER SET FOR FEBRUARY 16-18

PRE-REGISTRATION

The upcoming American Fisheries Society's joint chapter meeting with Illinois is scheduled for February 16-18, 1993. The meeting will be hosted by Iowa and held at Jumer's Castle Lodge in Bettendorf, Iowa. The registration fee will be \$25 (\$20 for students). The registration cost covers coffee breaks, social mixer, and conference luncheon.

We are encouraging people to pre-register for the AFS joint chapter meeting with Illinois. Pre-registration will aid in making arrangements with the motel and reduce time spent in line at the meeting. A pre-registration form can be found on page 7 of this newsletter.

A block of 80 rooms have been reserved on a first call basis. Room rates will be \$52/single and \$59/double. Reservations must be made by January 26. For reservations call toll free 1-800-285-8637 or phone area code 319-359-7141. Jumer's is located at the intersection of I-74 and Spruce Hill Drive.



**IOWA AND ILLINOIS CHAPTERS
OF
THE AMERICAN FISHERIES SOCIETY
1993 ANNUAL MEETINGS**

Tuesday, February 16, 1993

- 10:00 a.m. Illinois Chapter Expanded EXCOM Meeting
10:00 a.m. Registration
12:45 p.m. Welcome/Announcements
Mike McGhee, President - Iowa Chapter AFS
12:50 p.m. Opening Remarks
Tom Skelly, President - Illinois Chapter AFS

STREAM HABITAT/DATA MANAGEMENT:

Moderator: Jim Wahl, Iowa DNR

- 1:00 p.m. Lunker Technique in Urban Streams; Don Roseboom, Jon Rodsater, Long Duong, Tom Hill, Rich Offenback, Rick Johnson, John Beardsley, and Rob Hilsabeck
1:20 p.m. Building Better Homes for Bronzebacks: The Franklin Creek Story; Randy W. Sauer, Don Roseboom, and David M. Day
1:40 p.m. Presettlement and Present Floodplain Vegetation at the Confluence of the Illinois and Mississippi Rivers; John C. Nelson, Anjela Redmond, Sara Rogers, and Richard E. Sparks
2:00 p.m. Conversion of the Illinois Stream Information System Into a Stream Information Network Linking System; Diane Szafoni and Lew Osborne
2:20 p.m. A Long Term Electro-fishing Survey Shows Evidence for Improved Conditions on the Upper Illinois Waterway; T.V. Lerezak, Richard E. Sparks and K. Douglas Blodgett
2:40 p.m. Food Habits, Dispersal, Growth and Contribution of Stocked Channel Catfish in the Buffalo National River, Arkansas; Gary L. Siegwarth and James E. Johnson
3:00 p.m. Coffee Break

MUSSELS AND MONITORING:

Moderator: Gregg Seegart, E & A Engineering Inc.

- 3:15 p.m. Long Term Resource Monitoring Program, Havana Field Station; A source of Information; Susan Peitzmeier-Romano, K. Douglas Blodgett, and Richard E. Sparks
3:35 p.m. Interactions Between Zebra Mussels (Dreissena Polymorpha) and Unionid Bivalves in the Illinois and Mississippi Rivers; John K. Tucker, Charles H. Theiling, Pamela A. Thiel, K. Douglas Blodgett, and Richard E. Sparks
3:55 p.m. A Study of Illinois River Largemouth Bass; Paul T. Raibley, K. Douglas Blodgett, Kevin S. Irons, Timothy M. O'Hara, and Richard E. Sparks
4:15 p.m. Silence of the Clams: A Relocation Study; Robert Schanzle and Glen Kruse
4:35 p.m. Bioassessment of Sediment Toxicity with Fingernail Clams; Teresa J. Naimo, W. Gregory Cope and Michelle R. McPeak
7:00 -10:00 p.m. SOCIAL MIXER - Remco Building, Rock Island

Wednesday, February 16, 1993

FISH CULTURE/GENETICS:

Moderator: Mike Mason, Iowa DNR

- 8:00 a.m. Development of the Quad Cities Spray Canal for Rearing Advanced Sport Fish Fingerling for Stocking; David L. Bergerhouse, William M. Lewis, and Larry J. LaJeone
- 8:20 a.m. Daily Activity Patterns of Mixed-Sex and All-Female Populations of Rainbow Trout in Raceways; John L. Finck and Robert J. Sheehan
- 8:40 a.m. Intensive Production of Walleye - Fry to Fingerling; Alan Moore
- 9:00 a.m. Performance Characteristics of Lepomis Diploid hybrids, triploid hybrids and parental species, at five temperature regimes: 8, 13, 18, 23 and 28 degrees Centigrade; John Paret, Robert Sheehan and Scott Scherck
- 9:20 a.m. Hybridization and Introgression in Natural Walleye and Sauger Populations; Neil Billington and Mukti Bane
- 9:40 a.m. Does Pretreatment with Anesthetics Reduce Stress in Stocked Game Fishes?; William Davin, Robert Sheehan, Paul Willis, and Scott Shasteen
- 10:00 a.m. Coffee Break

FISH CULTURES/GENETICS

Moderator: Mike Mason, Iowa DNR

- 10:15 a.m. Effects of Dietary lipids on Performance, Condition, Body Composition and Fatty Acid Metabolism of the Hybrid Striped Bass (Female Morone Chrysops X Male M. Saxatilis); Veronica Sanchez and Christopher C. Kohler
- 10:35 a.m. Genetic Variation in Yellow Perch can be Detected by Mitochondrial DNA Analysis; Neil Billington
- 10:55 a.m. The Timing of Critical Events in the Early Development of Larval Walleye Reared on Formulated Feed; B.T. Bristow and R.C. Summerfelt

MISSISSIPPI RIVER

Moderator: Tom Boland, Iowa DNR

- 11:15 a.m. Effects of Navigation dams on Water Regimes: Hydrologic Changes at Navigation Pool 26; Mississippi River; John C. Nelson, Charles H. Theiling, and Richard E. Sparks
- 11:35 a.m. Walleye Spawning and Early Life History in the Upper Mississippi River; John Pitlo
- 12:00 Noon CONFERENCE LUNCHEON

MISSISSIPPI RIVER:

Moderator: Tom Boland, Iowa DNR

- 1:00 p.m. Some Characteristics of the Percid Fishery of Pools 14 and 15 of the Mississippi River, with Reference to the contribution of Stocked Walleye; Timothy W. Bowzer and Larry J. LaJeone
- 1:20 p.m. An Evaluation of Hybrid Striped Bass Stocking in the Upper Mississippi River, Pool 14, 1985-92; Tom McCarthy
- 1:40 p.m. Winter Microhabitat Selection by Bluegill and Black Crappie Backwaters of the Upper Mississippi River; Brent C. Knights and Mark B. Sandheinrich
- 2:00 p.m. Linkages Between Aquatic Macrophyte Mass and Fish Distributions in an upper Mississippi River Backwater Lake; Steven J. Zigler, William B. Richardson, & Michael R. Dewey
- 2:20 p.m. Diel and Spatial Variability of Fishes in a Macrophyte Bed Within a Backwater Lake of the Upper Mississippi River; Michael R. Dewey, Steven J. Zigler, & William B. Richardson
- 2:40 p.m. Coffee Break
- 3:00 p.m. Chapter Business Meetings
- 5:00 p.m. Illinois Chapter Raffle

Thursday, February 18, 1993

FISH MANAGEMENT/FISH SAMPLING/DATA ANALYSIS:

Moderator: Jim Mick, Illinois DOC, Fisheries

- 8:00 a.m. **A Few Small Eggs in a Very Large Lake - Evidence of lake trout spawning in South-Western Lake Michigan; J. Ellen Marsden, Michael J. Keniry, and Wayne Brofka**
- 8:20 a.m. **Survival of Four Centrarchid Species When Sampled with Pulsed DC Electro-fishing Gear; Lidia G. Bardygula-Nonn, Jan Savitz, K. Stuccheli, and Matthew Harp**
- 8:40 a.m. **How Well Do fish Population Surveys Reflect Recreational Fishery Quality?; Douglas J. Austen and Peter B. Bayley**
- 9:00 a.m. **Rapid, Inexpensive Method for Assessing Predator-Prey Balance in Impoundments; Jeffrey Ross and Christopher C. Kohler**
- 9:20 a.m. **An Evaluation of Regulations for Walleye, Yellow Perch and Bluegill in Iowa Great Lakes; Joe G. Larschied**
- 9:40 a.m. **Coffee Break**
- 10:00 a.m. **Evaluation of Catch Rates and Harvest Rates as Goals for an Intensively Managed Fishery; Kay R. Hill**
- 10:20 a.m. **Iowa's Fishing Tournament Reporting Program 1989-92; Steve Waters**
- 10:40 a.m. **Artificial Fish Habitat Enhancement for Man Made Lakes in Iowa; Paul Sleeper**
- 11:00 a.m. **Evaluation of the White Crappie Population and Fishing Regulations for White Crappie in Clinton Lake; Gary Lutterbie**
- 11:20 a.m. **Comparison of Food Consumption, Growth, and Metabolism Among Muskellunge Stocks; David F. Clapp and David H. Wahl**
- 11:40 a.m. **Closing Remarks - Chapter Presidents**
- 12:00 Noon **Adjourn - Drive Safely !!!**



MEMBERS OF 1993 IOWA LEGISLATIVE COMMITTEES

NATURAL RESOURCES AND OUTDOOR RECREATION (House) -

Republicans:

Kistler (Chair); Klemme (Vice-Chair); Beaman; Brauns; Brunkhorst; Eddie; Garman; Greig; Royer; Tyrrell; Vande Hoef; Weidman.

Democrats: Black (Ranking Member); Bell; Dickinson; Fogarty; May; Mertz; Mundle; O'Brien; Schrader.

AGRICULTURE AND NATURAL RESOURCES (House Appropriations) -

Republicans: Hahn (Chair); Drake (Vice-Chair); Greiner; Distler; Renken.

Democrats: Shoultz (Ranking Member); Henderson; May; Schrader.

Natural Resources (Senate) -

Democrats: Fink (Chair); Dieleman (Vice-Chair); Judge; Kibbie; Priebe; Riordan; Sturgeon.

Republicans: Hester (Ranking Member); Banks; Hedge; McKean; Rensink.

AGRICULTURE AND NATURAL RESOURCES (Senate Appropriations) -

Democrats: Husak (Chair); Priebe (Vice-Chair); Fink.

Republicans: Banks (Ranking Member); Hester.

PRE-REGISTRATION

_____ Yes, I will be attending the 1993 Iowa/Illinois AFS Chapter Meeting. Enclosed is \$30 (\$25 for students) to cover cost of pre-registration and my 1993 Chapter dues.

_____ No, I will not be able to attend the Chapter Meeting; however, enclosed is \$5 for my 1993 Chapter dues.

NAME _____

ADDRESS _____

Mail to:

Iowa AFS
Rathbun Fish Hatchery
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Moravia, IA 52571

Dick McWilliams
Boone Station
Ledges Park
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