

Texas Chapter, American Fisheries Society  
Newsletter #21  
August, 1981

Our annual meeting is scheduled at the Texas Parks and Wildlife Department Headquarters Building, Austin. Activities begin on September 25th (7:30-9:30 PM) with an evening social including a barbeque dinner at the Coors Hospitality Room in Austin (See attached map).

TENTATIVE PROGRAM

1981 Annual Meeting  
Texas Chapter, American Fisheries Society  
Texas Parks and Wildlife Department Headquarters  
26 September 1981

A.M.

- 7:45-8:30 Registration, Texas Parks and Wildlife Department Building,  
Austin, Texas
- 8:30-9:30 Business Meeting

SESSION I, 9:30-11:30  
MIKE ZEMAN, MODERATOR

- 9:30-9:45 Bryan Murphy  
Aquatic Research at Texas Tech University
- 9:45-10:00 Charles Mulford  
The Surgical Skin Stapler as a Means to Close Incisions in Fish
- 10:00-10:15 Barry Lyons  
Survival Rates of Three Sunfish X Largemouth Bass Hybrids
- 10:15-10:30 Break
- 10:30-10:45 Gary Carmichael, B. A. Simco, J. R. Tomasso  
Effects of Formalin on Survival and Plasma Corticosteroid  
Levels in Channel Catfish
- 10:45-11:00 Maury Osborn  
An Overview of the Coastal Fisheries Branch of the Texas  
Parks and Wildlife Department
- 11:00-11:15 Albin Sonski  
Heat Tolerance of Brook Trout
- 11:15-11:30 Henry Day  
Food Habits Study of the Largemouth Bass, Guadalupe Bass,  
and White Bass X Striped Bass Hybrid in a Central Texas  
Reservoir Receiving Heated Effluent
- 11:30-12:45 Lunch

SESSION II, 12:45-2:15  
JOE TOMASSO, MODERATOR

P.M.

- 12:45-1:00 Phillip Bettoli  
Analysis of Cove Rotenone Data Collected in Lake Conroe, Texas
- 1:00-1:15 Ed Schwillie  
Beneficial Fish and Wildlife Features in Floodwater Retarding  
Structures

- 1:15-1:30 Dennis Parmley  
A Comparison of Three Pond Management Programs Utilized to Produce Striped Bass During the 1981 Rearing Season at the Possum Kingdom State Fish Hatchery
- 1:30-1:45 William Harvey, R. L. Noble, W. H. Neill  
A Biopsy Technique for Genetic Evaluation of Largemouth Bass
- 1:45-2:00 John Wakeman, D. E. Wohlschlag  
Swimming Capabilities and Size-Performance Relationships of Spotted Seatrout
- 2:00-2:15 Holt Williamson  
Comparing Training Success Between Two Strains of Largemouth Bass
- 2:15-2:30 Break

SESSION III, 2:30-4:15  
JERRY TURRENTINE, MODERATOR

- 2:30-2:45 Bobby Farquhar  
Evaluation of Striped Bass X White Bass Hybrids in Small Impoundments
- 2:45-3:00 Joe Tomasso, B. A. Simco, K. B. Davis  
Circulating Corticosteroid and Leucocyte Dynamics in Channel Catfish During Net Confinement
- 3:00-3:15 Lee Green  
Sharks in Texas Bays
- 3:15-3:30 Blair Brenner, R. L. Noble  
Seining and Electrofishing as Indices of Largemouth Bass Abundance
- 3:30-3:45 Gene Gilliland, C. W. Kleinholz, M. D. Clady  
Further Evaluations of the Efficiency of Removing Food Items From Live Fish with Glass Tubes
- 3:45-4:00 John Prentice, P. P. Durocher  
Average Growth Rates for Striped, White and Striped X White Hybrid Bass in Texas
- 4:00-4:15 Nadine Hall, J. K. Andreasen  
Toxaphene Resistance in Mosquitofish from the Rio Grande Valley of Texas
- 4:15- New Business/Open Discussion

Participants are responsible for their own transportation and overnight accommodations. Reservations can be made at the following (also see attached map):

	Toll free number (1-800)	Single	Double (1 bed)	(2 beds)
Quality Inn South I-35/Oltorf	228-5151	36	39	42
Imperial 400 901 S. Congress	252-9649	22	24	25
LaQuinta I-35/Oltorf	292-5200	31	35	37

	<u>Toll free number (1-800)</u>	Single	Double (1 bed)	(2 beds)
Travelodge I-35/Ben White	285-3050	45		47
Goodnight Motel 400 S. Congress (has a pretty decent restaurant)	512-442-2395 (No Toll free no.)	18		25
Austin Motel 1220 S. Congress	512-444-0501 (No toll free no.)	21.40 economy (1 bed, local TV)		28.00 luxury (2 beds Cable TV)

All prices do not include tax.

Information on activities for spouses will be available at the Registration desk Saturday morning.

Since the Coors Hospitality Room can only handle about 80 persons and since the caterers will have to be notified in advance of the number of persons to expect, pre-registration for this year's meeting will be required. Pre-registration forms and money (see attached) must be received by the Secretary (P. L. Johansen, P.O. Box 1707, Rockport, TX, 78382) **NO LATER THAN 10 SEPTEMBER 1981**. Your receipt will serve as your meal ticket, so don't lose it. The registration fee includes \$5.00 for the meeting and 1982 dues (\$4.00 for Student membership) plus \$3.50 for you and \$3.50 for each guest you plan to bring to the Social.

The following committee reports were received from committee chairmen:

President's Report: President Charles Inman has been heavily involved in contacting U.S. Senators and Representatives urging them to support the D-J Expansion Bill. He is also looking forward to seeing everyone at this year's meeting in Austin.

President-Elect's Report: The number of presentations submitted for the annual meeting was ample and appreciated. Twenty papers have been selected for the program. Authors planning to publish in the "Proceeding" should submit their original manuscript and two copies to Gary Matlock or Gary Valentine no later than the annual meeting. Matlock's mailing address is:

Gary Matlock  
Texas Parks and Wildlife Department  
4200 Smith School Road  
Austin, TX 78744

Valentine's address is:

Gary Valentine  
Soil Conservation Service  
P. O. Box 648  
Temple, TX 76503

Each author is asked to send a short biographic sketch to their respective session moderator by September 15. Mail sketches to the following addresses:

1. Mike Zeman  
Soil Conservation Service  
855 Interstate 10, South Room 135  
Beaumont, TX 77701
2. Joe Tomasso  
Department of Biology  
Southwest Texas State University  
San Marcos, TX 78666
3. Jerry Turrentine  
Soil Conservation Service  
1022 Garner Field Road  
P. O. Box 1001  
Uvalde, TX 78801

Secretary-Treasurer's Report: The current balance of the Texas Chapter bank account is \$317.16. Since the last Newsletter, we have spent \$18.00 for Newsletter postage, \$10.02 for Newsletter printing, \$345.53 for Proceedings 3 printing and \$74.97 for Proceedings 3 mailing.

Awards Committee: Roger McCabe indicates that he has received several nominations for Outstanding Fishery Workers for 1981. He encourages everyone to submit nominations as soon as possible. You still have until September 15th to nominate a deserving fishery worker for 1981. As stated in the last Newsletter, nomination categories include Culture, Management, Research, Education and Special Non-member or Member. Any member can recommend an individual for the award of "Outstanding Fishery Worker of Texas for 1981", but the recipient must be a member of the Texas Chapter, AFS except in the Special Award category (Attached).

Nominating Committee: Bobby Whiteside reports that the following persons have been nominated by the nominating committee as officers for 1982:

President-elect: Don Steinbach (Texas A&M) and Allen Forshage (TPWD). Secretary-Treasurer: P. L. Johansen (TPWD) and Don Whitmore (U. T. Arlington). Other nominations will be accepted from the floor the day of the meeting. These positions will be voted on during the 1981 business meeting.

Farm Pond Management Committee: The committee convened at Texas A&M in April to correct errors in the publication, "Stocking and Management Recommendations for Texas Farm Ponds." The stocking key was revised in response to comments from various sources.

The revision has been filed in anticipation of extra-chapter funds for a large volume printing becoming available in the next few months. Don Steinbach and Milo Shult, both of the Texas Agricultural Extension Service, are taking the leadership in negotiating for these funds.

Advertisement Committee: Since the last Newsletter, Allen Forshage, Committee Chairman, has received \$25.00 donations from Texas Instruments and from Espey Huston and Associates. We wish to thank these two companies for their support of the Texas Chapter of AFS.

Editorial Committee: Jim Davis reports that he sent out 120 copies of Vol. III of the Proceedings (1980). Copies of Volumes I, II and III will be available at the 1981 meeting (\$3.00 per copy for members, \$5.00 per copy for non-members). Copies of the proceedings may also be obtained from the Secretary.

Membership Committee: Due largely to Clell Guest and his committee, we now have a membership of 142, a substantial increase over last year's 120.

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News From The National: The AFS Southern Division 1981 Annual Meeting will be held at the Camelot Hotel in Tulsa, Oklahoma, October 18-21.

Volume 1 Number 1 of the North American Journal of Fisheries Management went to the printer on June 19. It should be available sometime before September.

The Fishery Administrators Section of the National has accepted responsibility for choosing a student to benefit from the John Skinner Memorial Fund. Proceeds from the fund will be used to help pay a student's cost of attending the annual AFS meeting.

The importance of choosing professionals to fill top natural resource administrative jobs in the Federal Government has been emphasized in several AFS letters to the U. S. Departments of Interior and Commerce. Of particular importance are the Director of the Fish and Wildlife Service and the Administrator of the National Marine Fisheries Service. AFS is also pressing for the appointment of fisheries scientists to Regional Fisheries Management Councils.

Proceedings of last year's Engineering Symposium are available from the National. The hardcover, 320 page publication is edited by Lochie Jo Allen and Dr. Ed Kinney. Selling price is \$18.00 to members and \$20.00 to non-members.

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# HOTEL LOCATION MAP

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# Map to Friday Evening Social and Saturday Meeting

