



# NEWSLETTER

TEXAS CHAPTER  
AMERICAN FISHERIES SOCIETY



Number 27

March 1983

## EXCOM REPORT

The EXCOM met in Austin February 4, 1983. Attending were Don Steinbach (President), Gary Matlock (President-elect), Maury Ferguson (Secretary-Treasurer), Brian Murphy (Farm Pond Management Committee), Billy Higginbotham (Nominating Committee), Bobby Whiteside (Membership Committee), Tom Linton (Awards Committee), Dick Luebke (Editorial Committee).

Gary Matlock suggested three sites for the 1983 annual meeting - 1) The University of Oklahoma Biological Laboratory at Lake Texoma in conjunction with the Oklahoma Chapter, 2) Corpus Christi State University and 3) Kerrville. The EXCOM overwhelmingly favored a joint meeting with the Oklahoma Chapter.

Don Steinbach reported for Allen Forshage (Advertising Committee) that Allen hopes to get an Oklahoma counterpart to work on contributors and exhibitors. We could then split the proceeds with their chapter.

Clell Guest (Publicity Committee) reported in a letter that Jimmy Dean and Ray Drenner have agreed to be on the committee. Clell has sent a news release to Jim Cox, I & E, TPWD, and sports writers on awards recipients. He will also send a release to Fisheries on last year's annual meeting.

Joe Tomasso (Newsletter) asked the EXCOM to change the number of newsletters to three a year: (1) March - report on EXCOM meeting, announce meeting site and call for papers, (2) July - August - report on midyear EXCOM meeting, details of annual meeting, and registration forms, (3) November annual meeting summary. This suggestion was approved by EXCOM.

Brian Murphy (Farm Pond Stocking Committee) reported that committee members are Charlie Inman, Rich Noble, Gary Valentine and Mike Zeman. The main discussion was what direction to take now. Brian suggested objectives of (1) writing a pond fisheries evaluation manual or (2) sponsoring a pond management symposium. The EXCOM decided that the committee should pursue the first objective and also gather information from different regions of Texas on the effectiveness of the stocking guidelines. There was discussion on sponsoring a Farm Pond Management Symposium. Brian Murphy volunteered to question Carl Sullivan at an upcoming meeting about his feelings/ideas for such a symposium.

Bobby Whiteside (Membership Committee) reported that Harry Bishop has agreed to help on this committee. The Fisheries Workers Directory is continually being revised and will be published in the Proceedings. Bobby has asked one representative from each agency, school, company, etc. to keep him advised on personnel changes.

Dick Luebke (Editorial Committee) reported that members of this committee are Gene Gilliland and Larry McEachron. Papers from the 1982 meeting have been through review and returned to authors.

Maury Ferguson (Secretary-Treasurer) reported that membership as of February 4 was 140. The treasury contains \$1,665.68.

Don Steinbach (President) reported that the Texas Chapter, Wildlife Society has sent us their newsletter and wishes to be kept abreast of news of our Chapter. The next EXCOM meeting will be this summer, probably in Brownwood.

## MEETING INFORMATION

The <sup>Sept.</sup> annual meeting will be held in conjunction with the Oklahoma Chapter 16-17 at the University of Oklahoma Biological Station at Lake Texoma. Food, lodging and a social will be provided on the station. Total cost per person will be \$15-20.

Abstracts for papers to be presented should be sent to either Gary Matlock or Don Steinbach by July 18. Authors wishing to publish manuscripts of their talk in the Proceedings should bring a complete manuscript to the meeting. Instructions for preparation of abstracts and articles are included at the end of the newsletter.

## CALL FOR NOMINATIONS OF OFFICERS

Please send nominations for the 1983-84 president-elect and secretary-treasurer to Billy Higginbotham, P.O. Box 38, Overton, Texas 75684. The President-elect serves a one year term and the Secretary-Treasurer serves a two year term.

## CALL FOR NOMINATIONS FOR AWARDS

This is the first of two notices that will be given seeking nominations of individuals for awards as Outstanding Fisheries Worker of the Year. There are five categories for these awards. They are as follows:

- (1) Culture
- (2) Management
- (3) Research
- (4) Education
- (5) Special (member or non-member)

All nominees must be members in-good-standing of the Texas Chapter, except in the Special category. A qualified nominee who has previously been nominated or received an award, regardless of category, can still be nominated. A nominee can receive only one award each year. Any member

in-good-standing may nominate an appropriately qualified individual, but for only one category. It is the nominators responsibility to provide the Awards Committee with sufficient information about the nominee to demonstrate that the person is deserving of the award. If adequately documented nominations are not received, or the nominee is not, in the opinion of the Awards Committee, an adequately qualified individual, an award shall not be given.

A second call for nominations shall be given in the next newsletter. If you have a nominee in mind, please submit a letter of nomination to a member of the Awards Committee. It will make the committee's job much easier if you submit your nominee now instead of running the risk of letting it slip your mind by putting it off to a later time.

The members of the Awards Committee are: Tom Linton, Chairman, Texas A&M University, Wildlife & Fisheries Sciences Department, College Station, Texas 77843; Holt Williamson, Texas A&M University, Wildlife & Fisheries Sciences Department, College Station, Texas 77843; Bill Rutledge, Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, Texas 78744.

## NATIONAL NEWS

The water quality section of the American Fisheries society has recently formed the "Fish and Wildlife Relationships to Mining Committee". Anyone who would like further information, or to volunteer, or just to keep informed of future activities, contact Lynn B. Starnes, Fisheries and Aquatic Ecology Branch, Division of Air and Water Resources, Tennessee Valley Authority, Knoxville, Tennessee, 37902.

The Fish and Wildlife Service has announced plans to terminate the personnel of the coop units effective September 30, 1983. No funds or personnel ceilings are included in the 1984 Fish and Wildlife Service Budget. Carl Sullivan, executive director of AFS asks that members write their congressman and emphasize the importance of the coop units to the fisheries research. It is especially important to write or call the Texas members of the House appropriations committee. They are Representatives Charles Wilson, Jack Hightower and Tom Loeffler. All representatives may be contacted at the U.S. House of Representatives, Washington, D.C. 20515 (202/224-3121).

Carl Sullivan also points out that the D-J bill was reintroduced in the House of Representatives in early March. He asks that members write their representatives in support of this bill (H.R. 1324). Especially important to write or call are Texas members of the House Ways and Means Committee. They are J. J. Pickle, Kent Hance and Bill Archer.

## NEXT NEWSLETTER

The next newsletter will be prepared in August. Anyone wishing to include news or announcements in the August newsletter, please send to Joe Tomasso by August 1, 1983 (Aquatic Station, Southwest Texas State University, San Marcos, Texas 78666).

## MEMBER NEWS

Let's start a section in our newsletter that tells about our members. Send information about new personnel, promotions, marriages, new children etc.

## INSTRUCTIONS FOR MANUSCRIPT PREPARATION

General Procedures. Manuscripts should be typed double-spaced on good quality of white bond paper (8 1/2 x 11 inches, or 8 x 10 1/2 inches) with margins at least one inch all around. Number all pages in upper right corner and do not staple or bind the copies required for the publisher.

Length of Manuscripts. Manuscripts should not exceed 25 typewritten pages in length including tables and figures. Papers of excessive length will be rejected.

Sequence of Contents. Contents should appear in the following sequence except non-research papers which may deviate on points 5 through 7.

1. Title
2. Author(s) and name(s)
3. Abstract
4. Introduction (including acknowledgements--Do not footnote acknowledgments)
5. Materials and methods (including description of study area)
6. Results
7. Discussion (may be combined with results if appropriate)
8. Literature cited
9. Tables
10. Figure legends
11. Figures

Style. General rules for preparation of copy (capitalization, abbreviation, punctuation, literature citation) are presented in Council of Biology Editors Style Manual for Biological Journals (American Institute of Biological Sciences, 3900 Wisconsin Ave., N.W., Washington, D.C. 20036). A recent issue of the Journal of Wildlife Management (after volume 36) or the Transactions of the American Fisheries Society will provide adequate examples of appropriate style.

Title. The title generally should be 10 words or less and descriptive. Avoid scientific names in the title.

Author. The name(s) of author(s) should be below the title at the top of the first page with organizational connection and city of residence following. Organizations should be identified by the title which most specifically identifies them, e.g., Department of Forestry, The University of Tennessee, Knoxville; Refuge Division, Bureau of Sport Fisheries and Wildlife, Atlanta, GA; Game Management, Florida Game and Fresh Water Fish Commission, Tallahassee. Indicate on title page which author should receive the galley proof.

Abstract. An abstract emphasizing major results or conclusions (no more than 100 words or three per cent of the article) should be written as a single paragraph preceding the introductory paragraph of the article and separated from it by a single line across the page.



References. References are grouped alphabetically by author's last names under "Literature Cited." Follow a current issue of the Journal of Wildlife Management or the Transactions of the American Fisheries Society. Avoid citing unpublished reports or, if essential, cite parenthetically in the text. All references listed are to be cited in the text.

Tables. Tables should be understandable without references to the text and should not contain data shown in illustrations. Tables should be numbered consecutively (order of first mention) with Arabic numerals. Titles and box headings should be clear but concise. Type each table on a separate sheet 8 1/2 x 11 inches, or 8 x 10 1/2 inches. Put long tables on as many sheets as needed. Double space all lines, leaving at least one-inch margins. Omit vertical lines. Keep tables simple. Indicate on margin in text where tables should be placed.

Illustrations. Photographs must be black and white glossy prints, at least 4 x 5 inches in size. Charts should be neatly drafted in black ink on white paper. Typing and freehand lettering on a figure are not acceptable. Identify each drawing or photograph on the back lightly with soft pencil (Smith, Turkey management in Florida, Fig. 1). Do not attach photographs to cards or sheets. Type figure legends on a separate sheet in paragraph form, double spaced, in sequence. Indicate on margin of text where figures should be placed.

Number of copies. The program chairman shall notify authors of the necessary number of copies of papers needed. Copies for the program committee and awards committee are usually mailed to the program committee chairman. Two copies (the original for the publisher and an extra for the editor) are given to the program chairman at the technical session. Glossy prints should be included in the original copy.

THE EDITORIAL COMMITTEE MAY REJECT MANUSCRIPTS THAT DO NOT CONFORM TO THE INSTRUCTIONS.

## ERRATA TO VOLUME 4 OF PROCEEDINGS

Several tables were inadvertently omitted from volume 4 of the Proceedings during preparation. They are attached at the end of the newsletter. Please detach these tables and insert them into the Proceedings at the end of the article entitled "Length-Weight Relationships and Average Growth Rates for Striped White and Striped X White Hybrid Bass in Texas" by John A. Prentice and Phillip P. Durocher.

# PRENTICE AND DUROCHER 1983

Table 1. Length-weight relationships of striped bass (sexes combined) in Texas waters on statewide, river system and ecological bases where W = weight (g) and L = total length (mm), 1973-1980.

| Sample location          | Sample size | Length-weight relationship                    |
|--------------------------|-------------|---|
| Statewide                | 835         | $\text{Log } W = -4.6 + (2.9) \text{ Log } L$ |
| River system             |             |   |
| Trinity-San Jacinto      | 95          | $\text{Log } W = -5.3 + (3.2) \text{ Log } L$ |
| Colorado                 | 341         | $\text{Log } W = -4.6 + (2.9) \text{ Log } L$ |
| Ecological region        |             |   |
| Pineywoods               | 97          | $\text{Log } W = -6.0 + (3.4) \text{ Log } L$ |
| Post Oak Savannah        | 80          | $\text{Log } W = -4.8 + (3.0) \text{ Log } L$ |
| Cross Timbers & Prairies | 163         | $\text{Log } W = -4.2 + (2.7) \text{ Log } L$ |
| Edwards Plateau          | 89          | $\text{Log } W = -4.9 + (3.0) \text{ Log } L$ |

Table 2. Length-weight relationships of striped x white hybrid bass (sexes combined) in Texas waters on statewide, river system and ecological region bases where W = weight (g) and L = total length (mm), 1973-1980.

| Sample location          | Sample size | Length-weight relationship                    |
|--------------------------|-------------|---|
| Statewide                | 866         | $\text{Log } W = -4.2 + (2.8) \text{ Log } L$ |
| River systems            |             |   |
| Sabine-Sulphur           | 80          | $\text{Log } W = -1.1 + (1.6) \text{ Log } L$ |
| Trinity-San Jacinto      | 60          | $\text{Log } W = -4.4 + (2.8) \text{ Log } L$ |
| Brazos                   | 79          | $\text{Log } W = -4.1 + (2.7) \text{ Log } L$ |
| Colorado                 | 367         | $\text{Log } W = -5.2 + (3.1) \text{ Log } L$ |
| Guadalupe                | 110         | $\text{Log } W = -4.8 + (3.0) \text{ Log } L$ |
| Ecological regions       |             |   |
| South Texas Plains       | 137         | $\text{Log } W = -5.4 + (3.2) \text{ Log } L$ |
| Post Oak Savannah        | 231         | $\text{Log } W = -3.2 + (2.4) \text{ Log } L$ |
| Cross Timbers & Prairies | 47          | $\text{Log } W = -8.4 + (4.3) \text{ Log } L$ |
| Edwards Plateau          | 54          | $\text{Log } W = -4.6 + (2.9) \text{ Log } L$ |

Table 3. Length-weight relationships of white bass in Texas waters on statewide (sexes combined, males only and females only), river system (sexes combined) and ecological region (sexes combined) bases where W = weight (g) and L = total length (mm), 1973-1980.

| Sample location            | Sample size | Length-weight relationship                  |
|----------------------------|-------------|---|
| Statewide (sexes combined) | 594         | $\text{Log } W = -4.7+(2.9) \text{ Log } L$ |
| Statewide male only        | 294         | $\text{Log } W = -4.6+(2.9) \text{ Log } L$ |
| Statewide female only      | 255         | $\text{Log } W = -5.0+(3.0) \text{ Log } L$ |
| River system               |             |   |
| Trinity-San Jacinto        | 195         | $\text{Log } W = -5.0+(3.0) \text{ Log } L$ |
| Brazos                     | 140         | $\text{Log } W = -3.0+(2.2) \text{ Log } L$ |
| Colorado                   | 68          | $\text{Log } W = -4.0+(2.6) \text{ Log } L$ |
| Ecological region          |             |   |
| Cross Timbers & Prairies   | 220         | $\text{Log } W = -4.6+(2.9) \text{ Log } L$ |
| Edwards Plateau            | 91          | $\text{Log } W = -4.4+(2.8) \text{ Log } L$ |
| High & Rolling Plains      | 106         | $\text{Log } W = -4.7+(2.9) \text{ Log } L$ |

Table 4. Annual growth increments of striped bass (sexes combined) in Texas waters on statewide, river system and ecological region bases, 1973-1980.

| Sample location          | Sample size | Total length (mm) at year |     |     |     |     |     |
|--------------------------|-------------|---------------------------|-----|-----|-----|-----|-----|
|                          |             | 1                         | 2   | 3   | 4   | 5   | 6   |
| Statewide                | 586         | 394                       | 495 | 594 | 670 | 729 | 743 |
| River system             |             |                           |     |     |     |     |     |
| Trinity-San Jacinto      | 94          | 436                       | 510 | 636 | 658 |     |     |
| Colorado                 | 268         | 386                       | 492 | 581 | 676 | 747 | 845 |
| Ecological region        |             |                           |     |     |     |     |     |
| Pineywoods               | 59          | 278                       | 409 | 538 | 623 | 659 | 557 |
| Post Oak Savannah        | 80          | 327                       | 504 | 607 | 659 | 752 |     |
| Cross Timbers & Prairies | 84          | 268                       | 431 | 575 | 687 |     |     |
| Edwards Plateau          | 65          | 402                       | 479 | 570 |     |     |     |

Table 6. Annual growth increments of striped x white hybrid bass (sexes combined) in Texas waters on statewide, river system and ecological region bases, 1973-1980.

| Sample location  | Sample size | Total length (mm) at year |     |     |     |
|--|-------------|---------------------------|-----|-----|-----|
|  |             | 1                         | 2   | 3   | 4   |
| Statewide  | 819         | 422                       | 469 | 508 | 521 |
| River system   |             |                           |     |     |     |
| Sabine-Sulphur   | 79          | 475                       | 482 | 513 | 527 |
| Trinity-San Jacinto                                      | 60          | 489                       | 519 |     |     |
| Brazos   | 79          | 505                       | 526 | 544 |     |
| Colorado   | 371         | 387                       | 451 | 480 |     |
| Guadalupe-Lavaca-San Antonio                             | 110         | 463                       | 509 | 573 |     |
| Ecological region  |             |                           |     |     |     |
| South Texas Plains                                       | 105         | 456                       | 508 | 560 |     |
| Post Oak Savannah  | 216         | 438                       | 485 | 510 |     |
| Cross Timbers and Praries                                | 47          | 385                       | 427 |     |     |
| Edwards Plateau, Trans-Pecos<br>and mountains and basins | 54          | 397                       | 434 |     |     |