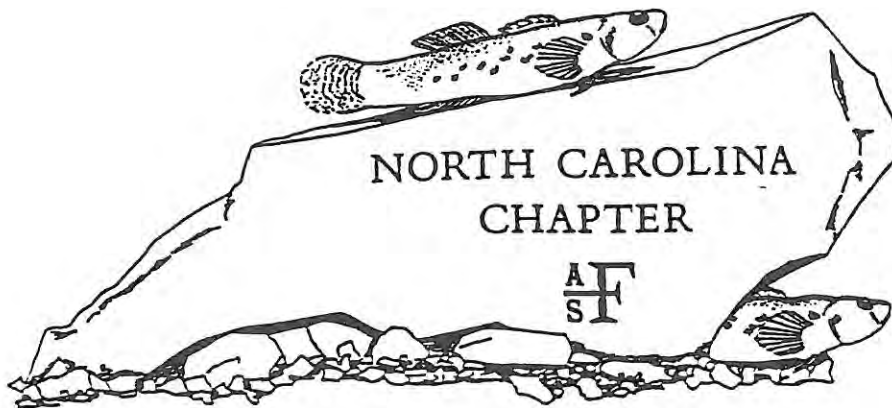


CHAPTER NEWS  
Volume 1, Number 3



April 1993

**PRESIDENT'S MESSAGE**

The first mid-year meeting of the Southern Division of the American Fisheries Society was a huge success! The last report I heard was that 344 people had registered. The accommodations were nice, the prices were very low and the presentations were high quality. You should mark the last week in February 1994 on your calendars and plan to attend the next meeting.

Our chapter has made great progress since it was chartered on September 10, 1990. Thanks to Don Cloutman and Jerry Rice, we now have a chapter procedure manual. This manual provides for an efficient change of chapter leadership by outlining deadlines and responsibilities for officers and committees. With this manual in place we should turn our attentions to long range plans for the chapter. One of my personal goals for this year is for the executive committee to begin this planning process. With a little hard work, a draft plan may be ready for review by the chapter at the next annual meeting.

Franklin T. McBride  
President

## MINUTES OF RECENT MEETINGS

Minutes of the 1993 Annual Business Meeting of the North Carolina Chapter of the American Fisheries Society and of the NCAFS Spring Executive Committee Meeting are available. Due to their rather lengthy nature, I have not printed them here, but if you'd like a copy, contact me or Liz Noble and one of us will gladly send you a copy.

Submitted by Sheryl Bryan, Newsletter Editor

## COMMITTEE REPORTS

### Membership

Based on an analysis of the lists which the American Fisheries Society provided, here is a breakdown of our chapter membership:

Members through 1992.....	106
Members through 1993.....	84
Student members through 1992.....	12
Student members through 1993.....	10
Percent of chapter membership (based on 1993 list) who are AFS members.....	63

The percentage of chapter members who are also members of AFS is likely to be higher since the 1992 chapter membership was higher than the preliminary 1993 counts. If all 1992 AFS members renew, the percentage of chapter membership who are AFS members should be 79 percent.

Submitted by R. Wilson Laney, President-Elect, Membership Committee

### Environmental Concerns

The Environmental Concerns Committee (ECC) met on Monday, February 8 at the NCAFS Annual Meeting in Reidsville. The following business was discussed:

- 1) Members of the ECC decided that the report entitled "Current Status of Environmental Permitting Processes in North Carolina as Related to Protection of Fisheries Habitat" (presented to the

membership at the 1992 NCAFS Annual Meeting) has served its purpose, which was to educate ECC members on deficiencies within the permitting process. We will not seek to distribute the report outside of the Chapter.

2) David Yow, Highway Coordinator for the North Carolina Wildlife Resources Commission (NCWRC), will draft a letter for President McBride's signature which will thank the North Carolina Department of Transportation (NCDOT) for funding his position. Other NCWRC biologists have indicated that the new position has lightened their workload considerably. In the letter, David will recommend that the NCDOT fund two similar positions to cover the state more effectively.

3) Committee Chair, Stephanie Goudreau, reported that the AFS has formed an Endangered Species Act Reauthorization Subcommittee within the Endangered Species Committee. The subcommittee is preparing a briefing and policy statement. Stephanie will contact co-chairs of the subcommittee and indicate our interest.

4) The ECC formed an Endangered Species Subcommittee to be co-chaired by John Alderman (NCWRC) and David Yow (NCWRC). The seven members of the subcommittee will examine funding options for the Nongame Section of the NCWRC and the issue of designating critical habitat as High Quality Waters.

5) Robert Goldstein will draft a letter for President McBride's signature expressing concern with harvesting Sargassum as a poultry additive.

6) Gene Huntsman will explore the need to draft a letter expressing concern with coral damage off the North Carolina Coast resulting from the use of bottom gear. (Note-- Gene has since indicated that this issue is most pertinent off the Florida coast and has recommended that this topic be dropped from consideration by the ECC).

7) Randy Tinsley expressed concern that members of our chapter may not know who to notify regarding a suspected environmental violation. Tom Jones will draft a guide to be published in the summer newsletter.

Anyone interested in joining the ECC should contact Stephanie Goudreau at (704)652-4257.

Submitted by Stephanie Goudreau, Chair, Environmental Concerns Committee.

### **GREAT BUYS**

AFS Cookbooks are on sale. Contact Liz Noble with your order. She also has price info.

NCAFS t-shirts are still available. Contact Elise Irwin with your order.

Proceedings of the 1988 Brown Trout Workshop are available for the low price of \$5 (yes, that's right). Topics discussed include brown trout habitat and management. Contact Sheryl Bryan with your order.

### **CONGRATULATIONS**

Elise Irwin (NC State University) received the Best Student Paper award for her presentation "Electrofishing Grids: a Quantitative Technique for Littoral Fish Community Assessment" (Dr. Richard Noble, co-author) at the 1993 NCAFS Annual Meeting. Elise will receive a plaque and a one year's membership to AFS with a subscription to Transactions.



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*Announcing a new journal  
co-published by CRC PRESS and  
AMERICAN FISHERIES SOCIETY*

March 11, 1993

## Reviews in Fisheries Science


edited by Robert R. Stickney  
University of Washington, Seattle

**Reviews in Fisheries Science** provides an important forum for the publication of up-to-date reviews, historical articles, and original research covering the broad range of subject areas in fisheries science. These areas include management, aquaculture, taxonomy, behavior, stock identification, genetics, nutrition, and physiology. Issues concerning finfish and aquatic invertebrates prized for their economic or recreational importance, their value as indicators of environmental health, or their natural beauty area addressed.

An important resource that will keep you apprised of the latest changes in the field, each issue of **Reviews in Fisheries Science** presents unique information that will be useful to fisheries scientists in academia, state and federal natural resources agencies, and the private sector.

First Issue: March, 1993. Subscription Rate per 4-Issue Volume: Individual, \$ 79.95; AFS Member, \$39.00; Institutional/Foreign, \$195.00. Available from Lewis Publishers/CRC Press, Inc., 2000 Corporate Blvd., NW, Boca Raton, FL 33431 800/272-7737 or 407/994-0555.

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Books

Notice

Notice

Notice

The Fisheries History Section of the American Fisheries Society is seeking significant photographs and dates to include in a Society calendar. This can be the dates of up-coming subunit events or activities (for instance, the date(s) of the Division's annual meeting or the Chapter's clam-bake), or it can be the approximate date(s) of some anticipated fisheries event (such as the date when the grunion are expected to run), or it can be something of historical significance (such as the first annual meeting of the Society). The deadline for submitting material for next calendar year is July 1. This will allow us time to print the calendar prior to the AFS Annual Meeting. However, items of interest can be submitted at any time, and will be included in the next calendar to be produced.

Please provide information which you would like to see in the AFS annual calendar in the space below:

Date(s) \_\_\_\_\_ Event, Activity or Whatsoever (Describe):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Photographs, especially those of fish or fisheries activities, are welcome. If sending a photo, please provide the following information for each print:

Date taken: \_\_\_\_\_ Photographer (if known): \_\_\_\_\_  
 \_\_\_\_\_

Location and description of scene: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Please send all contributions to:

Kenneth L. Beal  
 AFS Fisheries History Section  
 NMFS  
 One Blackburn Drive  
 Gloucester, MA 01930  
 (tel. 508-281-9267)  
 (FAX 508-281-9117)

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# AFS NEWS RELEASE

The American Fisheries Society  
5410 Grosvenor Lane, Suite 110, Bethesda, Maryland 20814-2199

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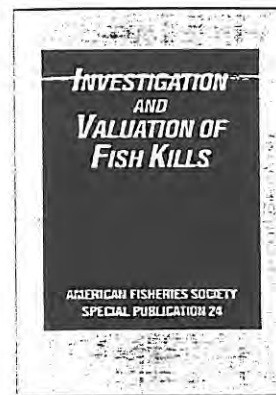
CONTACT: PUBLICATIONS DEPARTMENT  
(301) 897-8616

FOR IMMEDIATE RELEASE

## AFS PUBLISHES INVESTIGATION AND VALUATION OF FISH KILLS

1992; Paperback; 96 pages  
ISSN 0097-0638 ISBN 0-913235-81-4

Investigation and Valuation of Fish Kills, American Fisheries Society Special Publication 24, presents the latest methods for determining the economic consequences of fish kills. It revises, updates, and extends the information in Monetary Values of Freshwater Fish and Fish-Kill Counting Guidelines (AFS Special Publication 13), which has been widely used to estimate monetary damages for pollution-related fish kills since 1982.



The new volume guides fishery managers and assessment biologists from the moment a kill occurs until the final fishery value is calculated, and it stresses legally defensible data acquisition and analysis. It has a new chapter on organizing fish kill investigations, including requirements for interagency coordination, field procedures, and sample record-keeping and report forms. It also contains expanded sections on field sampling and statistical principles, updated replacement values of fish (here stratified by geographic region), based on a new survey of U.S. and Canadian hatcheries, and—for the first time—methods for calculating the value of lost angling opportunities. The book emphasizes the importance of local expertise and data, but it shows how to estimate economic losses even when local information is unavailable. Procedures are illustrated with examples and sample calculations.

Investigation and Valuation of Fish Kills is prepared by the Pollution Committee of the AFS Southern Division and the AFS Socioeconomics Section. Books can be purchased from the American Fisheries Society for: \$28.00, (\$22.00 AFS Members). Prices include postage and handling inside the U.S. Outside the U.S. add \$3.50 per book for postage.

### ***Coming Soon:***

Sourcebook for Investigation and Evaluation of Fish Kills will be available in March 1993. This will supplement Special Publication 24 with details of the hatchery survey used to calculate fish replacement costs, economic concepts and procedures for fisheries valuation, an annotated bibliography of fishing trip valuations, and legal precedents for restitution of damages.

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# AFS NEWS RELEASE

The American Fisheries Society  
5410 Grosvenor Lane, Suite 110, Bethesda, Maryland 20814-2199

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CONTACT: PUBLICATIONS DEPARTMENT FOR IMMEDIATE RELEASE  
(301) 897-8616

## NEW TEXTBOOK AVAILABLE FOR FALL CLASSES!!

### INLAND FISHERIES MANAGEMENT IN NORTH AMERICA

Christopher C. Kohler and Wayne A. Hubert, editors

The principle of fisheries management is to provide people with a sustained, high, and ever-increasing benefit from their use of living aquatic resources. Since the 1980s, the emphasis in state, provincial, and federal agencies has been on setting specific objectives for fisheries management and monitoring the achievement of those objectives.

The Fisheries Management and Education Sections of the American Fisheries Society recognized the need for a comprehensive textbook on current management practices in the United States and cooperated to produce Inland Fisheries Management in North America. This major college-level and professional text is authored by 35 respected educators and fisheries management professionals.

Inland Fisheries Management in North America provides a description of the conceptual basis and current management practices being applied to freshwater and anadromous fisheries in North America with an emphasis on the decision-making process. Both sport and commercial fisheries are discussed; sport fishery management is emphasized. Each chapter is fully referenced to allow reader access to more advanced, detailed information.

#### Twenty-three chapters address:

- law • fish population dynamics • practical use of statistics • socioeconomics
- stocking for sport fisheries enhancement • undesirable species • introduced fishes
- watershed, stream habitat, lake and reservoir habitat, and estuarine management • history
- natural lakes and large impoundments • regulations • the management process • communication
- endangered species • coldwater and warmwater streams • large rivers • small impoundments

#### Contributing Authors

J. Griffith, C. F. Rabeni, C. C. Krueger and D. J. Decker,  
R. J. Sheehan and J. L. Rasmussen, S. A. Flickinger and F. J. Bulow,  
D. B. Hayes and W. W. Taylor and E. L. Mills, D. J. Jude and J. Leach  
H. W. Li and P. B. Moyle, R. C. Heidinger, R. W. Wiley and R. S. Wydoski,  
B. L. Lamb, J. J. Ney, M. J. Van Den Avyle, A. S. Weithman, T. A. Wesche,  
D. J. Orth and R. J. White, R. C. Summerfelt, W. H. Herke and B. D. Rogers,  
L. A. Nielsen, J. R. Moring, C. A. Carlson and R. T. Muth, R. L. Noble and T. W. Jones.

Books can be purchased from the American Fisheries Society for \$41.00 (\$33.00 AFS Members). Take the member price for orders of 10 or more. Prices include postage and handling inside the U.S. Outside the U.S. add \$3.00 per book for postage. Send your advance orders to: AFS, 5410 Grosvenor Lane, Suite 110, Bethesda, MD 20814.





Don't EVER give up!

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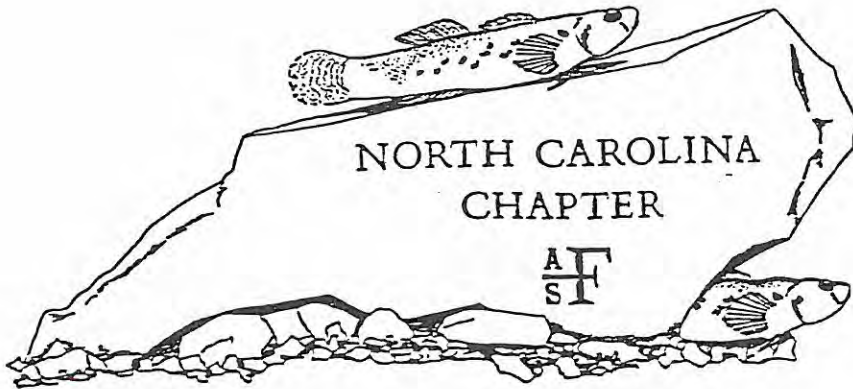
July Issue: June 1, 1993  
October Issue: September 1, 1993

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CHAPTER NEWS  
Volume 1, Number 3

April 1993

--- SUPPLEMENT ---

**EDITOR'S NOTE**

Enclosed are the minutes from the 1993 Annual Chapter Meeting and the April Executive Committee Meeting. Liz has done a great job at compiling all the information. I apologize for not including these in the last newsletter. It was suggested to me that meeting minutes should be available on an as-requested basis, so I tried it. I never claimed to make good decisions all the time... In any case, please review the enclosed information. We will be asked to approve the 1993 Annual Meeting Minutes at the 1994 meeting.

After the July issue of the Chapter News, I will no longer be the newsletter editor. If you'd like to take over the duties, contact Frank McBride at the number on the back page. Three or four days each quarter are required to get a newsletter out, and with new job responsibilities, I simply cannot commit the time I would like to producing a quality newsletter.

**MINUTES OF THE 1993 ANNUAL BUSINESS MEETING  
NORTH CAROLINA CHAPTER OF THE AMERICAN FISHERIES SOCIETY  
BETSY-JEFF PENN 4-H CENTER, REIDSVILLE, NC  
FEBRUARY 9, 1993**

The annual business meeting was convened at 10:30 AM, with President Jerry West presiding. Determination of a quorum was made.

Secretary-Treasurer Liz Noble read the 1992 annual meeting minutes. A correction was made. Shari Bryant, not Sheryl Bryan, had been appointed to the Nominating Committee. The minutes were approved. The Secretary-Treasurer then submitted a Treasurer's report to the membership. Balance as of 2-5-93 was \$687.17. Revenue from the 1992 annual meeting was \$1,813.00. Expenses were \$1,797.15. Other credits for 1992 included \$233.50 from dues and AFS rebates. Other debits for 1992 were \$708.97 for newsletter expenses, student subunit appropriations, and 1993 annual meeting costs. The Treasurer's report was approved.

**COMMITTEE REPORTS:**

**Executive Committee** - President West reported that the Executive Committee met in May and October in Raleigh. Both times, discussions focused on planning and organization of the 1993 annual meeting.

After reviewing the chapter's history, President West reported on the state of the chapter. President West believed that the chapter's main goal was to act as a communication vehicle. He felt this was a very important function and one that the chapter was serving well. Ways the chapter accomplished this in 1992 included initiation of a quarterly newsletter, increased student participation, a healthy membership (115 members), and good attendance at this meeting (68 people). He commended Sheryl Bryan, Newsletter Editor, for a job well done and commented that the newsletter was the best vehicle the chapter could use in its efforts to keep North Carolina's fisheries workers informed. President West also commended the students on the high quality of work that had been presented. Elise Irwin from NC State, won the award for the Best Student Paper for her presentation, Dr. R. Noble co-author, on "Electrofishing Grids: a Quantitative Technique for Littoral Fish Community Assessment". Elise will receive a plaque and one year's membership to AFS with a subscription to Transactions. A final comment by President West was on the chapter's role as political activists. This year's program on the status of economically important fisheries, nongame and endangered fish populations had clearly pointed out that many of North Carolina's fish are in trouble. President West recognized that these were controversial issues, but ones that needed to be addressed.

**Nominating Committee** - This committee was appointed by President West and consisted of Tony Mullis as Chairman, Bob Dixon, and Rich Noble. Wilson Laney and Bob Goldstein were nominated for the position of President-Elect. The election was conducted by mail ballot sent with the 1993 meeting announcement. Wilson Laney was elected.

**Environmental Affairs Committee** - Chairman Stephanie Goudreau reported that the report, "Current Status of Environmental Permitting Process in North Carolina as Related to Protection of Fish Habitat", presented to the membership at the 1992 annual meeting would be used as an educational tool only and would not be circulated outside the committee. Some updates to the document would be made including a section on agricultural regulations by Tom Jones. Two letters of concern, one on the destruction of coral beds off our coast and the other on the harvest of sargassum, will be prepared by the committee and sent to appropriate agencies by the President this year. Information on who to contact about water quality or 404 wetland violations will be included in the newsletter. A subcommittee will also be active this year looking into the issues of additional funding for the NCWRC Nongame Program and designation of fresh water and marine critical habitats. Stephanie stated that there are 16 members on the Environmental Concerns Committee and welcomed anyone else who is concerned about environmental issues to join.

When concern was expressed about the direction the committee was taking, President West read the committee's specific charge from the chapter's procedure manual. He reiterated that if a member had a concern about an environmental issue to please contact the committee who will work in close contact with the President to draft letters containing position statements or resolutions.

**Student Subunit** - Elise Irwin reported for Student President Elijah Waters. Activities for the year included T-shirt sales, a Project Wild certification workshop, and two meetings held at NC State. Suggestions made on how to broaden the communication network were e-mail, articles in the newsletter, and hold the student subunit meeting in conjunction with the annual chapter meeting. The subunit also agreed to organize the raffle at annual meetings. A motion was made that "the raffle become the responsibility of the student subunit and that 100% of the proceeds going to the subunit". The motion passed unanimously. Other fund raisers suggested were sweatshirts, coffee mugs and huggies. All funds would be used to help students attend the national AFS meeting.

**Program and Arrangements Committee** - This committee consisted of President West and President-Elect McBride. They had little to report, and all agreed the meeting had been a great success.

## **OLD BUSINESS:**

**By-Laws Addition** - With the formation of a student subunit, changes in the chapter by-laws were needed. In the September 1992 newsletter, the following addition was proposed by the Executive Committee to the membership. Section 6 - Chapter Committees, Part a - Executive Committee, would now read "Executive Committee shall consist of the elected officers, including student subunit representative, and immediate past president. The Committee is authorized to act for the Association between meetings and to perform appropriate duties and functions..." . The proposed change passed unanimously. Liz Noble will send a copy of the amended by-laws to AFS.

**Logo** - The chapter logo is a design by John Cooper of two darters next to a rock shaped like of North Carolina. John was asked if a marine fish could be added to the logo, but he felt that it would not fit the present design. President West stated that we will be seeing the logo on the newsletter, chapter stationery, T-shirts, etc.

## **NEW BUSINESS:**

**Newsletter Distribution** - Several people wanted to see a wider distribution of the chapter newsletter. A motion was made to send the newsletter announcing the annual meeting to all members of AFS with North Carolina zip codes, whether they were chapter members or not. The motion passed unanimously. Another suggestion was to submit chapter news to both Fisheries and the Southern Division newsletter.

**Cookbook** - The National Chapter has requested that we sell the new AFS cookbook as a fund raiser. AFS will sell the book to us for \$10 if we buy more than five. Suggested retail price is \$15. A profit of \$5.50 would go the Fish Culture Section and \$5.00 would go our chapter. It was requested that the Executive Committee consider whether we want to sell it or not.

**Suggestions for Future Meetings** - Joe Hightower requested that more contributed papers be included in future meetings. Jim Rice reminded the membership of past poster sessions which were an excellent informal way to exchange information about ongoing research. Bob Goldstein felt that there should not be a separate student session, but rather student presentations should be included with other contributed papers. Lynn Barker suggested an information bulletin board be set-up at future meetings for job announcements, executive committee meeting minutes, etc. Site for the 1994 annual meeting will probably be at the coast. Don Cloutman suggested that the chapter consider having a joint meeting with the Tidewater Chapter, which meets at the same time each year as we do. Frank McBride would also like to schedule the chapter meetings to not occur at the same time as the NCWRC regulatory process. This way more NCWRC folks could participate. The Executive Committee will consider all of the requests at its next meeting.

## **INSTALLATION OF NEW PRESIDENT:**

President Jerry West installed Frank McBride as the new President. Frank's first official duty was to present Past President West with an AFS Past President's plaque along with the chapter's appreciation for a job well done. President McBride then made a few comments. He thought the chapter was doing well. In the coming year he plans to work closely with the environmental affairs committee and to encourage continued student participation. President McBride will be appointing committees in the near future. Rich Noble encouraged people to attend the Southern Division meeting in Chattanooga on 24 February, and also encouraged participation in the Southeastern meetings.

The meeting adjourned at 11:45 AM.

**Minutes of the North Carolina Chapter of the American Fisheries Society  
EXCOM Meeting, 1 April 1993, Archdale Building, Raleigh, NC**

The EXCOM met 1 April 1993 at the Archdale Building in Raleigh, NC. In attendance were President Frank McBride, President-Elect Wilson Laney, Secretary-Treasurer Liz Noble, and Student Representative Elise Irwin. The purpose of the meeting was to plan the 1994 annual meeting and to address old and new business, especially the development of a long range plan for our chapter. Liz Noble read the minutes from the 16 October EXCOM meeting and gave the Treasurer's report. As of 1 April the treasury had a balance of \$1,203.48. The only foreseen expenditures in the near future will be for the chapter newsletter and \$62.25 for a 1993 AFS membership and Transactions subscription for Elise Irwin. Elise was given her plaque for best student paper.

**1994 ANNUAL MEETING:** The meeting is scheduled for January 18 and 19 (Tuesday and Wednesday), 1994 at the coast. The meeting will run from lunch on Tuesday to lunch on Wednesday. Possible locations discussed were Beaufort, Fort Fisher, Pine Knoll Shores, and Caswell Beach. Camp Sea Gull on Bogue Banks was also suggested. It was agreed that one place where attendees could eat, sleep, meet and socialize, for under \$40.00 was preferred. The raffle will be held at the social. There was much discussion on the idea of getting somebody to contribute free seafood for the Tuesday dinner. Liz Noble also suggested that the students be in charge of the dinner to raise money for their subunit. The program will consist of contributed papers on the topics of fisheries and aquatic habitat. Fifteen minutes will be allotted for each talk with five minutes for questions. Student papers will be incorporated into the program and will not be a separate session. The poster session will be on Tuesday evening. Call-for-papers will be in the June newsletter. Also included in the June newsletter will be a survey asking the membership for future meeting ideas. President McBride suggested that the first joint meeting be with the South Carolina Chapter in 1995.

**LONG RANGE GOALS FOR THE CHAPTER:** President McBride sees the development of long range goals as the primary mission for our chapter this year. He distributed two documents for our consideration - the AFS's Long Range Plan and the AFS Western Division's 1992-1993 Action Agenda. A two day workshop of the EXCOM was scheduled at NCSU to begin at 1:00 PM on Tuesday 13 July and end at 12:00 noon Wednesday 14 July. The outcome of this workshop is to be a **long range plan** to present to the membership at the 1994 annual meeting. It will be modeled after AFS's Long Range Plan and the Western Division's Action Plan. One important component of the plan will be a budget for both the short and long term.

**COMMITTEES:** It was agreed that there should be a student on every committee.

1994 Annual Meeting Program Committee: Wilson Laney-Chair, Joe Hightower, student

Purpose: To plan the 1994 NC Chapter meeting program.



1994 Annual Meeting Local Arrangements Committee: Tom Jones-Chair, Liz Noble, student

Purpose: To make arrangements for 1994 NC Chapter meeting.

Raffle Committee: Student Subunit, Milli Hayman-Chair

Purpose: To organize and run the raffle at 1994 NC Chapter meeting. The subunit will receive all proceeds from the raffle.

Nominations Committee: Scott VanHorn-Chair, Jim Rice, Buzz Bryson

Purpose: To nominate candidates for President-Elect and Secretary-Treasurer.

Membership Committee: Liz Noble-Chair, Wilson Laney and Elise Irwin

Purpose: To develop an extensive list (names and addresses) of fisheries and wildlife professionals in North Carolina, including AFS members, students, NC chapter members, and Tidewater chapter members.

Resolutions Committee of the Southern Division: President McBride appointed Stephanie Goudreau to this committee.

Official Liaison to the Southern Division: President McBride appointed Sheryl Bryan to this committee.

**STUDENT SUBUNIT:** Requests to the chapter by the subunit included giving an Outstanding Fisheries Student Award annually and also funding one or two rooms for students at every AFS national meeting. The subunit would also like to co-host, along with the Tennessee and Alburn student chapters, the AFS Southern Division Student Colloquium held each year at Land Between the Lakes in Kentucky. Elise has agreed to review the evaluation sheet used to rank student papers at the chapter meetings, reporting back to the EXCOM on any recommended changes. Fund raising ideas for the subunit include T-shirts, sweat shirts, educational workshops, videos, posters, a fishing pamphlet, and starting a Student Endowment Fund.

**BY-LAWS:** By-laws changes were submitted to AFS in early March. Yanin Walker, AFS Subunit Secretary, will notify President McBride when they are approved by AFS Executive Committee. The two additional changes necessary in Section 7 (definition of quorum) and 10 (reference to chapter constitution) will be discussed at the next EXCOM meeting.

**STATIONERY:** Liz Noble had 500 sheets and envelopes of chapter stationery printed at the cost of \$119.04. The stationery has the darter logo on it and was distributed at this meeting.

**AFS COOKBOOK SALES:** It was decided to put an order slip in the last newsletter out before Christmas for the cookbooks. Liz Noble will coordinate. Other money making projects suggested were coffee mugs and more T-shirts.

Prepared by Liz Noble, Secretary-Treasurer 14 April 1993

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**NCAFS Newsletter Deadlines**

July Issue: June 1, 1993  
October Issue: September 1, 1993

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