



AMERICAN FISHERIES SOCIETY

APRIL 1999

Robert J. Goldstein, Ph.D., Editor  
Shari D. Gunter, Layout Presentation

Rjga@aol.com

8480 Garvey Drive, Raleigh, North Carolina 27616-3175  
(919) 872-1174

**MINUTES OF THE 1999 ANNUAL BUSINESS MEETING**  
**North Carolina Chapter of the American Fisheries Society**  
**Howard Johnson Convention Center, Danville, Virginia**  
**January 27, 1999**

**DETERMINATION OF QUORUM:** President David Yow called the meeting to order at 1:07 p.m. It was determined the 30 members present did not constitute a quorum. A motion to suspend the rules was made by Bob Goldstein and seconded by Hugh Barwick. Motion carried.

**SECRETARY-TREASURER'S REPORT:** The minutes of the 1998 Annual Business Meeting were published in the November 1998 newsletter. A motion was made by Rich Noble to accept the minutes and treasurer's report as printed. The motion was seconded by Duane Harrell and passed unanimously. An updated treasurer's report was read, and is attached.

**COMMITTEE REPORTS:**

**Nominating Committee:** Scott Van Horn introduced Keith Ashley (District Biologist, North Carolina Wildlife Resources Commission) and John Crutchfield (Biologist, Carolina Power & Light) as candidates for 1999 President-Elect.

**Program Committee:** President-Elect Dave Coughlan recognized Steve McMullin and other members of the AFS Virginia Chapter for their hard work in preparing this year's joint meeting. A total of 13 papers was presented by NC AFS Chapter members, of which two were student submittals. The competition for this year's *Best Student Paper Award* was broadened to include members of the Virginia Chapter. The grand prize for the winner of this year's award includes a student membership, journal of choice, plaque and \$50. The Runner-up will also receive \$50 and a plaque.

**Newsletter Committee:** One newsletter was printed in November 1998. Bob Goldstein reported copies were distributed to the membership at a cost of \$0.87 per copy. The Newsletter Committee continues to participate in a newsletter exchange program with other AFS chapters and subunits on an annual basis.

**Environmental Concerns Committee:** No formal report. Bob Goldstein provided an update on the status of sargassum harvest in the Atlantic Ocean. The South Atlantic Fisheries Management Council has listed this resource as Essential Fish Habitat under amendments to several existing Fishery Management Plans (FMPs). In addition, a Sargassum FMP was adopted and sargassum declared to be habitat that must be protected. In order to allow a reasonable transition to other operations for the sole harvester, Aqua-10 of Beaufort, N.C.,

the allowable take has been set at 0 after two years, when the single harvester must cease operations. During this period he may not exceed a total quota of 50,000 lbs. No other harvesters are currently in this business and none will be allowed.

**Education Committee:** Chair John Crutchfield (appointed by President David Yow in 1998) provided the following Education Committee report:

The major initiative for the Education Committee during 1998 was organizing and executing a statistics refresher seminar to be held at the 1999 North Carolina-Virginia AFS Chapter joint meeting. This initiative was formulated by the Committee during 1997 and 1998, and this marks the second year that a continuing education course has been offered for fishery professionals in conjunction with the annual Chapter meeting. The committee worked with the Student Subunit in reviewing information put together for a Chapter display that was used at the 1998 AFS National Meeting. Joe Hightower compiled a list of web sites for fisheries professionals, and this information was published in the November 1998 Chapter newsletter. An initiative for the committee during 1999 will be to survey Chapter members on continuing education needs and, based on feedback from this survey, develop a list of potential courses that can be offered at future Chapter meetings.

#### **OLD BUSINESS:**

**1999 AFS Annual Meeting:** Local Arrangements Committee Chair Bob Curry recognized subcommittee chairs for their continued work on the 1999 Annual Meeting. Bob reported the Social Committee is presently coordinating the following events:

- Saturday - Governing Board dinner on Lake Norman
- Sunday - Welcoming Social at Marshall Park (low-country boil)
- Monday - Trade Show Social at Adams Mark Hotel
- Tuesday - Social at Charlotte Motor Speedway (dinner and rides around the track).
- Wednesday - Kids' Fishing Day at Freedom Park (9-11 a.m.);  
Raffle at Adams Mark Hotel (5-6 p.m.)

Contracts with the Charlotte Motor Speedway have been signed, and a deposit to reserve the facility has been made. Distribution of raffle proceeds have been negotiated with AFS and approved. The NC/SC chapters will coordinate the raffle with 50% of the proceeds earmarked for Skinner Award funds with the remaining 50% to be divided between the 2 chapters. The Program Committee has received almost 300 presentation proposals and has been busy lining up speakers for the Plenary Session. The possibility of securing an additional headline speaker (NC Governor, Elizabeth Dole?) is also being examined. Day trips for guests/spouses are being coordinated by the Hospitality and Transportation/Tours committees and may include trips to the NC or SC zoos, Biltmore House, Carowinds, and trips to NC's furniture areas. Duane Harrell (Transportation/Tours Chair) requested help in organizing an information booth for the meeting. The proposed \$355,500 budget for the meeting was presented to the Governing Board at the Hartford, Connecticut, Annual Meeting and approved. Member registration will be set at \$275. The budget also includes \$4,500 to be paid directly to the NC Chapter AFS. The Registration form has been drafted, and will be placed on the internet after completion. Printing of programs and abstracts will proceed in early March. The meeting poster was developed and electronic images created by the NCWRC Education Division for use on publicity materials. Kim Iverson (Publicity Chair) is working on a 4-page meeting supplement. Joe Hightower has been instrumental in production of web site materials.

The Fund Raising Committee under the leadership of Hugh Barwick has collected \$16,500 and received commitments for \$13,000 more. Hugh recognized CP&L and Duke Power Company for their \$5,000 donations to the 1999 meeting. Accepting plaques from Hugh for these contributions were John Crutchfield (CP&L) and Duane Harrell (Duke Power).

**Completion of Chapter Display:** President David Yow recognized the NCSU subunit for their diligence in completing a Chapter display. Russell Wong and Brian Burke were singled out by Student Subunit President Chris Taylor for their hard work on the display. Cost of the display to the Chapter was \$400, providing quite a savings over the \$1,000 budgeted for this item.

## **NEW BUSINESS:**

**Proposal to Amend Chapter Bylaws:** Although the NC Chapter AFS has federal tax exempt status, procurement of NC sales tax exempt status would significantly reduce expenditures incurred during the 1999 Charlotte meeting, and would also reduce costs of future Chapter meetings and purchases. Rulings by the NC Department of Revenue question our non-profit status, as no statement in our Bylaws has been written to this affect. In an ongoing attempt to secure sales tax exempt status for the NC Chapter, Secretary/Treasurer Chad Thomas proposed two amendments to the Chapter Bylaws as suggested by the Department of Revenue. These amendments are as follows:

### **Amendment 1.**

#### **Section 1. NAME AND OBJECTIVES.**

(c). The North Carolina Chapter of the American Fisheries Society shall not be operated for profit, and no profit shall insure to the benefit of any individual connected with the organization except in consideration for services rendered.

### **Amendment 2.**

#### **Section 11. DISSOLUTION.**

(a). Upon dissolution of the Chapter, the Executive Committee shall turn all assets, accrued income and other properties over to an educational institution mutually agreed upon, to hold until such time as another Chapter may be established, except that the administrative functions shall continue until all supplies, inquiries and obligations have been exhausted, all income has been received and all debts paid. Furthermore, this institution should be one or more of the types of organizations and institutions set forth in North Carolina G.S. 105-164.14 (b), or to a county or an incorporated city or to an organization exempt from federal tax under the provisions of Section 501 (c) (3) of the Internal Revenue Code. In addition, a letter of termination and accounting shall be sent to Chapter members when all obligations have been completed and the books are closed.

Protocols for amendments of Chapter Bylaws were discussed, and a motion was made by President David Yow to accept the amendments as proposed. The motion was seconded and passed with a show of hands. Before the amendments become official, they must be reviewed and accepted by the AFS Governing Board.

**Note:** Amendment 1 was ratified and included in the Chapter Bylaws. Amendment 2 was not included in the Bylaws as it was decided Chapter dissolution verbiage should be consistent with the AFS Constitution Article IV, Section 6 (d) which states:

**“If a subunit is dissolved, its assets and records revert to the Society for disposal in the best interests of the subunit’s former members or of the Society, as decided by the Governing Board.”**

**Proposal to Purchase Raffle Item:** Kim Baker (Raffle Chair, Charlotte 1999) reported items for the 1999 Annual Meeting raffle were still being solicited. In a show of support for the raffle, Kim proposed that the NC Chapter purchase a 2-man kayak from *Perception Inc.* The value of the kayak and accessories (two life jackets and two paddles) is estimated at \$1300. *Perception Inc.* agreed to sell this package to the NC Chapter for \$400. Kim commented that the purchase of a high-visibility item would stimulate raffle sales, and would provide leverage when soliciting items from other chapters. As previously mentioned, 25% of the raffle proceeds will return to the NC Chapter. Kim made his proposal in the form of a motion which was seconded by Jim Rice. The motion passed unanimously.

**Proposal to Donate to Robert Kendall's Retirement:** Dave Coughlan reported NC AFS had received a request to donate to Robert Kendall's retirement fund. Mr. Kendall currently serves as AFS Managing Editor. Duane Harrell made a motion to contribute \$50 toward Kendall's retirement fund. The motion was seconded by David Yow and passed unanimously.

**Student Subunit Report:** Student Subunit President Chris Taylor reported there are currently 12 paid members of the NCSU subunit. Elected officers for 1999 are Chris Taylor (President), Jason Robinson (Undergraduate Vice-President), Bill Miller (Graduate Vice-President) and John Bichy (Secretary/Treasurer). The student subunit has created bylaws and is awaiting recognition by AFS as an official subunit of the Society. Activities planned by the subunit include sponsoring CATCH clinics, working to restore the portion of Rocky Branch Creek on the NCSU campus, and assistance with Audio/Visual aids during the Charlotte meeting. Chris thanked the NC AFS Chapter for providing lodging for 5 students during this year's joint meeting.

**Russian Fisheries Scientist Sponsorship:** President David Yow reported the Chapter had the opportunity to embark on international relationships with other fisheries professionals through a new sponsorship program. Approximate cost to participate in this program is \$1,000 which would cover expenses to bring a Russian scientist to North Carolina for a two week period. The NC Wildlife Society currently participates in this program. After some discussion, the membership agreed more information was needed before funds were appropriated.

**Presentation of Don Baker Memorial Award:** Past Southern Division President Scott Van Horn gave a brief biological description of Don Baker and his contributions to the fisheries profession. Don Baker was active in AFS, participating on various committees and serving as Southern Division President during 1976-77. Employed as Chief of Fisheries with the NC Wildlife Resources Commission, Mr. Baker was admired for his efficiency and long-standing commitment to resources of the state. President David Yow presented the first annual Don Baker Memorial Award for best presentation at the 1998 NC AFS Annual Meeting to Kim Sparks for her presentation, "*Identification of major spawning habitats used by American shad (Alosa sapidissima) in the Roanoke River, North Carolina*". Kim was also presented last year's *Best Student Paper Award*. The winner of the 1999 *Don Baker Memorial Award* has been selected, and will be recognized at the 2000 chapter meeting.

**ELECTION OF 2000 CHAPTER PRESIDENT:** President David Yow announced President-Elect for 1999 is John Crutchfield. John thanked the membership for the vote of confidence, and remarked he will work to promote the goals of the Chapter into next year and beyond.

**INSTALLATION OF NEW PRESIDENT:** President David Yow installed Dave Coughlan as the new 1999 NC AFS Chapter President.

**NEW PRESIDENT'S COMMENTS:** New President Dave Coughlan thanked David Yow for his service in 1998, and presented him with a Past-President plaque. President Coughlan circulated a list of Chapter e-mail addresses for corrections/additions. Dave recognized the student subunit for their hard work on the Chapter display, and for their willingness to work on audio/visual needs during the 1999 joint meeting with Virginia.

President Coughlan then made a motion to adjourn the 1999 Annual Business Meeting. The motion was seconded by Joe Hightower. The meeting was adjourned at 2:35 p.m.

Minutes respectfully submitted by:

Chad D. Thomas, Secretary-Treasurer  
February 2, 1999

**North Carolina Chapter of the American Fisheries Society**  
**TREASURER'S REPORT**  
January 27, 1999

Beginning Balance (January 25, 1998) 4208.74

Income

|                              |               |
|------------------------------|---------------|
| AFS Chapter Dues             | 915.00        |
| T-shirt sales (as of 2/2/99) | <u>520.00</u> |
| Total Income                 | 1435.00       |

Expenses

|  |               |
|--|---------------|
| Fish Disease Workshop - Ed Noga                              | 368.26        |
| Newsletter (November 1998) - R.J. Goldstein                  | 112.62        |
| NCAFS Chapter letterhead - Hugh Barwick                      | 162.93        |
| Best Student Award (1998 journal/membership) - Kim Sparks    | 63.25         |
| Plaques/Certificates (1999 meeting) - AFS                    | 62.50         |
| Student subunit lodging (1999 meeting) - Howard Johnson/Cash | 340.28        |
| Joint meeting social (1999 meeting) - Outback Restaurant     | 241.62        |
| Chapter display - Chris Taylor                               | 407.23        |
| Kayak for raffle donation - Perception, Inc.                 | 400.00        |
| T-shirt purchases - Davidson Screen Printers, Inc.           | <u>646.18</u> |
| Total Expenses   | 2804.87       |

Ending Balance (February 2, 1999) 2838.87

**North Carolina Chapter of the American Fisheries Society**  
**1999 EXECUTIVE COMMITTEE**

**President - Dave Coughlan**

Duke Power Company Environmental Center  
13339 Hagers Ferry Rd.  
Huntersville, NC 28078  
Telephone: (704) 875-5236  
Faxform: (704) 875-5032  
E-mail: djcoughl@duke-energy.com

**President-Elect - John Crutchfield**

CP&L Environmental Services  
Harris Energy & Environmental Center  
Route 1, Box 327  
New Hill, NC 27562  
Telephone: (919) 362-3557  
Faxform: (919) 362-3391  
john.crutchfield@cplc.com

**Secretary-Treasurer - Chad Thomas**  
North Carolina Wildlife Resources Comm.  
200 Joanna Drive  
Elizabeth City, NC 27909  
Telephone: (252) 335-4961  
E-mail: thomascd@mail.wildlife.state.nc.us

**Student Subunit Representative - Chris Taylor**  
Department of Zoology  
115 David Clark Labs  
North Carolina State University  
Raleigh, NC 27695  
Telephone: (919) 515-8090

**Past-President - David Yow**  
North Carolina Wildlife Resources Comm.  
57 Hilltop Road  
Asheville, NC 28803  
Telephone: (828) 274-3646  
E-mail: yowdl@mail.wildlife.state.nc.us

**Spring 1999 Updates  
by Dave Coughlan**

***Joint Meeting with SCAFS in 2001:***

The SCAFS Chapter has approached us about the possibility of another joint meeting. The EXCOM was unanimously in favor. A note was sent to Dick Christie, SCAFS President, accepting the invitation. The details of a joint NC/SC 2001 meeting will be worked out in the near future. FYI: The SC and GA Chapters will be co-hosting the 2000 SDAFS Mid-Year Meeting in Savannah, GA, February 2-5.

***NC to host the Southern Division AFS Mid-Year Meeting?***

And speaking about the Mid-Year Meeting...at some point in the future (2004?) it will be NC's turn to host this event. We have yet to host a Mid-year Meeting. I know this isn't the best time to be thinking about another meeting, what with the National Meeting consuming most of our time, but long range planning and the reservation of a suitable hotel means we need to think ahead. The best news (rumors) we have from the recent Governing Board meeting is that Virginia may host the 2001 meeting, Florida the 2002 meeting, and Mississippi the 2003 meeting in Biloxi. If that is the case, then we may need to step up to the plate for 2004. Please contact me with your comments, whether positive or negative, regarding the NC Chapter possibly hosting the 2004 Mid-Year Meeting. Your responses are appreciated! djcoughl@duke-energy.com or (704) 875-5236.

***Student Paper Awards at the NC/VA Joint Meeting:***

As Steve McMullin and I planned for the joint meeting, it became obvious that neither Chapter had sufficient student presenters to warrant running separate Student Paper Awards Programs. We made the decision to combine the prizes and give a first place and honorable mention award. The First Place prize included a plaque, a \$50.00 check, a student AFS membership, and a subscription to the AFS journal of their choice. Honorable Mention included a plaque and a \$50.00 check. The papers were judged on the quality of the research problem (significance to aquaculture/fisheries, and experimental design and analysis); analysis and interpretation; and quality of presentation (organization, presentation style, and visual aids). Future student presenters should note that these criteria have worked well for us and will be used at next year's meeting.

And the winner of the best student paper award was George Palmer, VA Tech, for his presentation entitled "*Genetic characterization and intermixing of walleye stocks in Claytor Lake and the Upper New River, Virginia*". Travis Brenden, also of VA Tech, received the honorable mention award for his presentation entitled "*Competitive interactions between age-0 largemouth bass and juvenile bluegill*". Congratulations to both gentlemen. Remember, it's not too early to start thinking about the attributes needed to win next year's contest!!

### ***Participant Feedback on Statistics Refresher Course:***

Sixteen biologists participated in a statistics refresher course offered at the joint North Carolina-Virginia AFS Chapter meeting held in Danville, VA during January 1998. The course, taught by Dr. John Rawlings, Professor Emeritus of Statistics at N.C. State University, covered basic and advanced statistical principles and techniques. The four-hour refresher course was taught using biological data sets with statistical output provided by PC SAS\*. A course evaluation questionnaire was provided to participants to obtain feedback on the effectiveness of course material and teaching methods and to determine topics of interest for future course offerings at annual Chapter meetings.

Eight questions were posed to participants on course expectations, teaching methods, material handouts, course fees, and future course offerings. Quantitative ratings of each question were obtained with a scale ranging from 1 to 10. Participants responded slightly better than somewhat satisfied (score of 6.4) to the question of "*Did this course meet your expectations in terms of the description of course objectives?*" The scale ranged from 1 (not at all satisfied) to 10 (extremely satisfied). The *amount of material* reviewed in the course was rated as 6.3 or slightly more than "just enough material" (1 as not enough covered material, 5 as just enough material, and 10 as too much covered material). The *effectiveness of the instructor teaching methods* was rated as 7.4 or effective (1 as not very effective, 5 as somewhat effective, and 10 as very effective). On the same response scale, the *effectiveness of course material presentation* (PC SAS\* output) was rated slightly lower at 6.9 but still considered effective by participants. *Handout materials* used in teaching the course were rated as useful (score of 8.1) (1 as not very useful, 5 as somewhat useful, and 10 as very useful). The *fee* charged for the course (\$25) was rated as about right or 5.5 (1 as too low of a fee, 5 as about right fee, and 10 as too much of a fee).

All participants (100% response of yes, n = 16) wished to see other courses offered at future meetings. Topics of interest included fish population modeling, design of creel surveys, statistics including study design, taxonomic identification sessions of minnows, suckers, and darters, safety and CPR, computer hardware/software applications, and Internet Web page design. If you have any questions about the course evaluation or have a continuing education topic for the 2000 chapter meeting, please contact John Crutchfield at (919) 362-3557.

### ***2000 Chapter Meeting Site Proposed:***

Plans are being made for the 2000 Chapter meeting. The tentative dates and site proposed for the meeting are the week of January 17-21, 2000, at Carolina Power & Light's Harris Energy & Environmental Center located 22 miles southwest of Raleigh. The facility offers meeting rooms for paper presentations, social events, and continuing education courses. The facility also has smaller conference rooms for any requested breakout sessions. Similar to the 1999 Danville meeting, we will utilize a host motel in either Apex or Cary with a meeting room or a local restaurant for the first night social event. The Harris Center is located centrally within the state, on State Road 1127 near U.S. Highway 1, and is a 20 minute drive from Raleigh. The facility is about 1-1.5 hours drive from Greensboro, Fayetteville, Wilson, and similar distance points, and 2-3 hours from the coastal and mountain areas. A call for papers for the 2000 meeting will be made later this summer. If you have questions or comments about the facility or would like to propose an alternate site, please contact John Crutchfield at (919) 362-3557.

**4<sup>th</sup> Microcomputer Applications in Fish and Wildlife Conference**  
**Meeting Announcement and Preliminary Call For Papers and Symposia**  
(<http://fwie.fw.vt.edu/ofwim/index.htm>)

The Organization of Fish and Wildlife Information Managers (OFWIM), the Computer User Section of the American Fisheries Society, and the GIS and Remote Sensing Working Group of the Wildlife Society announces the 4<sup>th</sup> *Microcomputer Applications in Fish and Wildlife Conference*. The goal of this conference is to disseminate the latest information, software and application used by fisheries and wildlife professionals. The meeting will be held October 24-27, 1999 in Stateline, (Lake Tahoe area) Nevada at the Caesars Tahoe Hotel. The meeting will feature a combination of symposia and contributed papers to address all aspects of computer applications. The conference will also feature a tradeshow and applications demonstration area.

This announcement is the first call for papers and symposia. All papers will be 20 minutes long and each half-day session will contain 10 papers. Papers can address any aspects related to fisheries or wildlife management and research, conservation law enforcement, conservation education, and program or agency administration. Within each discipline, suggested topics include but are not limited to:

|                                   |                           |
|-----------------------------------|---------------------------|
| Software Applications             | Internet Applications     |
| Database management systems       | Metadata                  |
| Statistical Analysis and Software | Remote Sensing/GIS        |
| GPS/field data collection         | Automated Data Collection |
| Systems Administration            | Program Management        |

We are looking for new and interesting ideas in using new technologies for fish and wildlife management. Symposia should be organized around a specific topic within a discipline, such as Internet applications in fisheries data management or statistical analysis software for spatial data. Proposals for symposia should include the title of the symposia and a list of authors with paper titles. **Potential symposia chairs are highly encouraged to contact the symposia coordinator before soliciting paper titles.** *Please submit proposals for symposia to the Symposia Coordinator Jeff Waldon by April 30, 1999.*

*Abstracts for papers should be submitted to the Program Chair Lila Borge Wills by April 30, 1999.* Abstracts for presentations should be submitted on a 3.5" diskette (Word97 or ASCII) and include a hardcopy, or e-mailed. The text should be a 200-word statement of objectives, principal results, and conclusions. Work in progress will also be considered. Abstracts should include the name of the presenter with address, phone number, and e-mail. A brief biographical sketch for a 20-30 second introduction is also needed. Presentations will be scheduled for 20 minutes and include a 5-minute question/answer period.

**Questions should be directed to the following people:**

**General** - Doug Beard, WI Dept. of Natural Resources, Fisheries Division, P.O. Box 7921, Madison, WI 53707 (608) 267-9427 email: beardt@dnr.state.wi.us

**Abstracts and Program** - Lila Borge Wills, Fish and Wildlife Information Exchange, Dept. of Fisheries and Wildlife, Virginia Tech, 203 West Roanoke Street, Blacksburg, VA 24061-0534 (540) 231-7348 Fax: (540) 231-7019 email: lborge@vt.edu

**Symposia** - Jeff Waldon, Fish and Wildlife Information Exchange, Dept. of Fisheries and Wildlife, Virginia Tech, 203 West Roanoke Street, Blacksburg, VA 24061-0534 (540) 231-7348 email: fwixchg@vt.edu

**Contributed Papers** - Dirk Miller, Wyoming Game and Fish, 528 S. Adams St., Laramie, WY 82070 (307) 745-4046 email: dmiller@wyoming.com



**Arrangements** - Rebecca Wajda, VA Dept. of Game and Inland Fisheries, 4010 West Broad Street, Richmond, VA 23230-1104 (804) 367-8351 email: bwajda@dgif.state.va.us

**Posters** - Dave D. Morton, U.S. Geological Survey, Biological Resources Division, 1700 Leetown Road, Kearneysville, WV 25430 (304) 724-4477 email: dave\_morton@usgs.gov

**Trade Show** - Scott Klopfer, Fish and Wildlife Information Exchange, Dept. of Fisheries and Wildlife, Virginia Tech, 203 West Roanoke Street, Blacksburg, VA 24061-0534 (540) 231-7348 Fax: (540) 231-7019 email: sklopfer@vt.edu

-- Andrew Loftus, 3116 Munz Drive, Suite A, Annapolis, MD 21403 (410) 295-5997 email: ALoftus501@aol.com

### **A Message from Chad Everett:**

After numerous discussions with the North Carolina Department of Revenue and the AFS Parent Society, the NC Chapter has finally been awarded state sales tax exempt status. The addition of an amendment to our Bylaws stating specifically that we operate as a non-profit organization (see the minutes from the Danville meeting) turned out to be the missing piece of the puzzle. So, how does it work, and what will it mean to the Chapter? We continue to pay taxes up front on all purchases. Twice during the year (April and October) we file rebate documents with the Department of Revenue. After a few weeks, we should receive our refund. Although the Chapter doesn't buy much during any given year, we usually spend around \$2,000 on our annual meeting. The real savings will come this year as we host the 1999 Annual Meeting in Charlotte. With a budget in excess of \$355,000, the Chapter's tax exempt status could save as much as \$20,000. Now that's some cash!

### **NCSU Student Subunit Report**

The North Carolina State University Student Fisheries Society recently petitioned to be recognized as a Student Subunit of the NC Chapter. At the mid-year business meeting, held March 13, 1999, the AFS Governing Board approved the petition to have the student subunit bylaws adopted. The subunit currently has 12 active members led by the 1998-99 officers; Chris Taylor (President), Bill Miller (Graduate Vice President), Jason Robinson (Undergraduate Vice President), John Bichy (Secretary and Treasurer), and Drs. Jim Rice and Pete Rand (Faculty Advisors).

The objectives of the Chapter are to; 1) promote the conservation, development, and wise use of the fisheries; 2) gather and disseminate to Subunit members and the general public scientific, technical and other information about fisheries science; 3) serve as a clearing house for educational and professional opportunities in the field of fisheries science; 4) assist in the transition from an educational to a professional setting for fisheries science students at NC State University; and 5) cooperate with the North Carolina Chapter of the American Fisheries Society.

Upcoming activities include working with other organizations at NCSU to restore a portion of Rocky Branch Creek that runs through campus. Expect the subunit to play an integral role during the upcoming National meeting in Charlotte.

For information on the goals and activities of the subunit, please visit their website at [http://www4.ncsu.edu/unity/users/w/wkmiller/ncsu\\_afs/](http://www4.ncsu.edu/unity/users/w/wkmiller/ncsu_afs/) or email Chris Taylor at [jctaylo4@unity.ncsu.edu](mailto:jctaylo4@unity.ncsu.edu).

## MEMBERSHIP APPLICATION

APPLICANT INFORMATION (mail materials to  personal or  employer address)

|            |                  |   |  |   |
|------------|------------------|---|--|---|
| Name: Last | First            | Initial   | Please provide phone numbers for directory and Society use only: | Name of Employer                          |
| Address    |                  |   | Home (    ) _____  | Address                                   |
| City       | State/Province   | Zip/Postal Zone   | Work (    ) _____  | City    State/Province    Zip/Postal Zone |
| Country    | Membership year* | Employed by <input type="checkbox"/> federal gov't. <input type="checkbox"/> state/prov. gov't.<br><input type="checkbox"/> industry, <input type="checkbox"/> academia, or <input type="checkbox"/> self |  | Country                                   |

**MEMBERSHIP DUES** (includes *Fisheries* and Membership Directory)

- Regular \$66.50 (outside USA \$70.50)
- Student \$33.25 (outside USA \$37.25)\*\*
- Retired (age 65 or over) \$33.25 (outside USA \$37.25)\*\*\*

**JOURNAL SUBSCRIPTIONS** (Optional)

- Transactions of the American Fisheries Society* (bimonthly) \$30 (outside USA \$35)†
- North American Journal of Fisheries Management* (quarterly) \$30 (outside USA \$35)†
- The Progressive Fish-Culturist* (quarterly) \$25 (outside USA \$28)††
- Journal of Aquatic Animal Health* (quarterly) \$25 (outside USA \$28)†

† Prices for AFS members only. †† Membership not required for subscription.

If applicant is a student the teacher signs here.

Name of institution where student is enrolled.

PROCLUB: If you were recruited by an AFS member please provide the following:

Member Name \_\_\_\_\_ Member Number (if known) \_\_\_\_\_

- \* New members accepted Jan. 1–Aug. 31 are credited to full membership for that year. (Back issues of Journals are sent.) Members accepted Sept. 1–Dec. 31 credited to full membership as of next Jan. 1, unless requested otherwise. Membership on calendar year only.
- \*\* Bona fide students of fisheries subjects are eligible for Student membership (limited to 6 years). Persons employed full-time not eligible. Teacher endorsement required (see above).
- \*\*\* **Retired** membership for Active members upon retiring at age 65 or over.



8480 Garvey Drive  
Raleigh, North Carolina 27616-3175

011066 DA 9912 000216  
J. Michael Swing  
3932 New Hill-Holleman RD  
PO Box 327  
New Hill, NC 27562

