

## AMERICAN FISHERIES SOCIETY

DECEMBER 1996

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### NC American Fisheries Society Annual Meeting

The 1997 annual meeting of the NC Chapter of AFS will be held on February 25-27 at Camp Thunderbird, Lake Wylie, South Carolina. The meeting begins at 1 pm February 25 and ends at noon on February 27. Camp Thunderbird (15 miles south of Charlotte on Highway 49) offers a variety of facilities (meeting rooms, heated cabins with bath, and cafeteria) at a very reasonable cost (about \$80 for 2 nights lodging and 6 meals). In addition, registration (for breaks and socials) is expected to be about \$20. No advance reservations are required if you plan to stay at Camp Thunderbird. Sheets, towels, and wash cloths will be provided, but you will need to supply your own soap, pillow, and blanket (or sleeping bag). The closest motels (Comfort Inn 803-339-0574, Ramada Inn 803-548-2401, and Holiday Inn Express 803-537-6811) are 5 miles away at the Carowinds Exit off I-77 (Fort Mill, SC). The closest North Carolina motels Innkeeper (704-525-3033), Red Roof Inn (704-529-1020), and La Quinta Inn (704-522-7110) are 10 miles away at the Nations Ford Road Exit off I-77 (in Charlotte). Advance reservations are recommended for motels. This year's meeting is unique in that our colleagues from South Carolina (SC Chapter of AFS and SC Fishery Workers Association) will be joining us. This is our first joint meeting and it should be informative, interesting, and fun. Please make plans now to attend.

### Call For Presentations

It is also time for members attending the annual meeting to prepare presentations of their work on any fishery-related topic. Presentations are not restricted to completed research, but can be projects in progress, overviews of projects, or programs in the planning stage. We particularly encourage student presentations. Please send your presentation's title, author(s), and affiliation to: Hugh Barwick, Duke Power, 13339 Hagers Ferry Road, Huntersville, NC 28078, or e-mail to [dhbarwic@dpcmail.dukepower.com](mailto:dhbarwic@dpcmail.dukepower.com), or call 704-875-5459, or fax to 704-875-5032. Students submitting titles should indicate student status to allow for early placement on the program in order that their presentations be judged for the Best Student Paper Award.

### State of the Rivers Symposium

The EXCOM has concurred that the Chapter sponsor a "State of the Rivers" symposium in early 1998. This will be an opportunity for the Chapter to inform North Carolina citizens that our rivers and the fisheries they support are valuable, publicly owned resources that are being severely degraded. The Chapter could gain state and national recognition for helping to protect resources we all value. Please contact Frank McBride at 919-528-9886 if you would be willing to serve on the steering committee.

## NEWS FROM AROUND THE WORLD

INTRODUCED FISH SECTION, one of AFS's oldest groups, is fund-raising to put out a vegetation management guide based on grass carp. Bob Behnke discusses population differences of wild rainbow trout resistance to whirling disease. Two reports document *Neogobius melanostomus* in Duluth-Superior Harbor. For a summary of fisheries items collected by the Congressional Research Service, contact Gene Buck (gbuck@crs.loc.gov) to get on FISH-ECOLOGY@searn.sunset.se. The USF&WS funds the Aquatic Nuisance Species Digest. To subscribe to the free ANS Digest, send e-mail to Nils Halker at frshwtr@freshwater.org.

The next (21st) annual Larval Fish Conference will be held in conjunction with the ASIH annual meeting at the University of Washington (Seattle) 27 June - 1 July 1997. Check it out at <http://www.artedi.fish.washington.edu/asih/asih97.html>. The 1995 International Larval Fish Conference proceedings are available from CSIRO, Australia (email to A.grant@publish.csiro.au for an order form).

### North Carolina Chapter American Fisheries Society 1997 Continuing Education Program Introduction to ArcView

Dates: Session I: Feb. 24-25, 1997 Session II: Feb. 27-28, 1997 (IF first class fills)  
Location: McGuire Nuclear Station, Huntersville, North Carolina  
Cost: \$ 40

These training sessions will cover the basic information needed to use the ArcView software program for fisheries applications. ArcView is a Geographic Information System (GIS) program that can be used to examine and display fishery data (e.g. survey catches, tag recoveries) as a map overlay. The sessions will include lectures and hands-on computer demonstrations. The training sessions will be taught by Duke Power Company's GIS specialist, Tim Leonard, who is a certified GIS ArcView instructor. The classes will be held at the Duke Power Company's training facility located at the McGuire Nuclear Station near Huntersville, NC. The first class will begin at 10:00 AM on Monday, February 24 and end by 11:00 AM on Tuesday, February 25 so attendees will have ample time to drive the 40 miles to Camp Thunderbird for the North Carolina Chapter American Fisheries Society annual meeting.

Motel accommodations can be reserved by calling the Comfort Inn (704/892-3500), Hampton Inn (704/892-9900) or Best Western (704/896-0660) in Cornelius, NC. Registration is on a first come first serve basis. Each class will accommodate 15 people so get your registration forms in early. We will hold a second training session on February 27-28 only if we have enough requests.

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### NCAFS Continuing Education Registration Form

Make checks payable to NC Chapter AFS and send this registration form to Bob Curry, NC Wildlife Resources Commission, Archdale Building, Room 442, 512 N. Salisbury St., Raleigh 27604-1188. For additional information, call Bob at (919) 733-3633 or e-mail inquiries to [curryrl@mail.wildlife.state.nc.us](mailto:curryrl@mail.wildlife.state.nc.us).

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State/Province, Zip/Postal Code: \_\_\_\_\_

[ ] *Introduction to ArcView* \$ 40

## News from the AFS Computer User Section (AFSCUS)

To get onto a general discussion list restricted to AFS members, send message SUBSCRIBE AFS-L to majordomo@wyoming.com and provide your e-mail address. To get onto an aquaculture list, send message SUB AQUA-L YOUR NAME to listserv@upei.ca. For stock dynamics and fisheries management, send message SUBSCRIBE FISHERIES to Lists@scotia.dfo.ca. For fish ecology, send message SUBSCRIBE FISH-ECOLOGY to listserv@searn.sunet.se. For ocean technology, send message SUBSCRIBE youremailaddress oceantech to listserv@ucsd.edu.

The Global Change Master Directory (GCMD) is a directory of 3500 environmental datasets from 650 participating institutions with hypertext links to ecological, meteorological, hydrological, oceanographic, and other databases from around the world. You can find it on the web at <http://www.gcmd.gsfc.nasa.gov>

The section also has several software packages available at nominal fees. CAGEAN provides catch@age analysis; GENMLOD is a generalized age-structured population model; FISHPARM does nonlinear parameter estimations for 13 models, including Von Bertalanffy growth function, Ewibull cumulative distribution, and others; AFSCUS-25 models stream temperature, solar radiation, etc; AFSCUS-27 handles trout hatchery calculations; AFSCUS-28 does habitat suitability indices for seven model species; MOCPOP is an age model; GRASCARP calculates stocking densities; TROUT4X4 provides spreadsheets for a population of wild and stocked components; and ORCPLOT can generate oceanographic charts. For details contact Doug Beard at beardt@dnr.state.wi.us.

### NC Lake Management Society Annual Meeting

The Lodge at Lake Royale will be the site of the 3rd Annual Meeting of the North Carolina Lake Management Society (NCLMS) on Friday, February 14, 1997 from 9:00 a.m. until 5:00 p.m. Coinciding with Valentine's Day, the meeting's theme is: "Love Your Lakes - Protecting and Managing North Carolina Lakes." Lake Royale, 45 miles northeast of Raleigh in southeastern Franklin County, is a 4,500 acre private community surrounding a 367 acre lake. The lake was created in 1972 by the impoundment of Cypress Creek, a tributary of the Tar River, for water recreation for the 5,600 homesite community.

The meeting will be divided into morning and afternoon sessions. The business meeting will be held after a catered lunch. Kenneth Rudo with the NC Division of Epidemiology will speak on "Public Health Advisories and North Carolina Lakes." Fred Harris with the North Carolina Wildlife Resources Commission's Division of Boating & Inland Fisheries will discuss "Current Issues in Reservoir Boating and Fisheries Management." Additional speakers from the U.S. Army Corps of Engineers and the NC Divisions of Water Resources and Environmental Health will discuss the aftermath of Hurricane Fran at Falls, Jordan, and Kerr reservoirs; the future of water quantity in our state; and management issues confronting lakes and reservoirs.

Attendees will learn about challenging lake management issues at Lake Royale and past successes and future plans of the Society. To registration, contact Cathy Tyndall at (919)733-6510 or Bryn Tracy at (919)733-6946 (work), (919)779-7575 (evenings), or e-mail: bryn@dem.ehnr.state.nc.us. Membership information will be available at the meeting or by writing to the North Carolina Lake Management Society, P.O. Box 28348, Raleigh, NC 27611-8348. NCLMS was formed in 1994 to bring together individuals and groups with shared interests in lakes. NCLMS consist of lake homeowners, scientists, agency representatives, and citizens. The Society invites you to learn more about how lakes function and how you can become involved in their stewardship. The purpose of the Society is to promote the understanding, protection, and comprehensive management of lakes, reservoirs, and their watershed systems in North Carolina. Membership is open to all individuals, institutions, corporations, and organizations whose interests are consistent with the objectives of the Society. NCLMS is a 501 c (3) tax-exempt not-for-profit organization.



## 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            |                  |         | Work ( )  | City             |
| State/Province  |                  |         | Fax ( )   | State/Province   |
| Zip/Postal Zone |                  |         |   | 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.

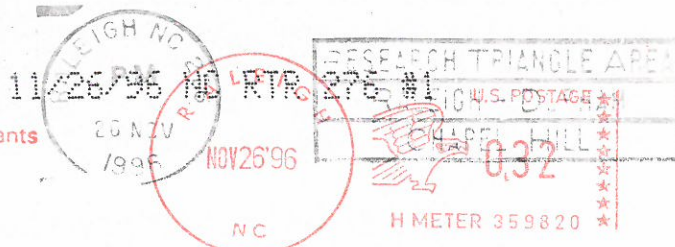
\*\* Bona fide students of fisheries subjects are eligible for Student membership (limited to 6 years). Persons employed full-time not eligible. Teacher endorsement required (see above).

\*\*\* Retired membership for Active members upon retiring at age 65 or over.



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& Associates, Inc.  
Environmental Consultants  
Assessments  
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