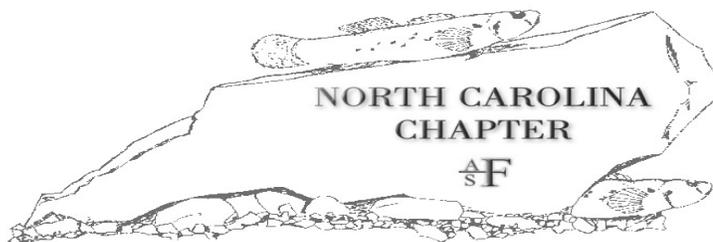




AMERICAN FISHERIES
SOCIETY



NEWSLETTER

SEPTEMBER 2002

INSIDE THIS ISSUE:

[Presidents Message](#)
[Minutes of the September 2002](#)
[EXCOM Meeting \(Word document\)](#)
[2003 SDAFS Meeting Spring Meeting,](#)
[Wilmington, NC](#)
[NCSU Student Subunit Report](#)
[Awards Committee](#)

[Environmental Concerns Committee](#)
[News from around North Carolina](#)
[Spotlight on Students and Young](#)
[Professionals](#)
[Meetings of Interest](#)
[Employment Opportunities](#)
[Valuable Links](#)

We would appreciate your comments on this electronic version of the NC Chapter Newsletter. Please send all responses to Joe Hightower (jhightower@ncsu.edu)

President's Message

It has been an interesting summer. Snakeheads were reportedly caught in Lake Wylie. In late July, a Pacu was caught in the Haw River and several others have been reportedly caught in the state's waters this summer. I started thinking that perhaps the Chapter could do something to help educate people about introducing exotic species in North Carolina waters. About the same time, Dave Coughlan, the Chapter's newsletter editor, sent me a message with a similar thought. The AFS (parent society) has a position statement regarding introductions of aquatic species. An abbreviated form can be found on the AFS web site (<http://www.fisheries.org>). I have asked the Environmental Concerns Committee to write a resolution on this issue based on the AFS Position Paper. Also, an Ad-Hoc Outreach Committee will be formed. The goal of the committee will be to develop education materials or programs to inform the public on the importance of not releasing or introducing exotic fish species in North Carolina waters. Anyone interested in serving on this committee can contact me at 336-449-7625 or bryants5@earthlink.net.



Barb Knuth presents the Meritorious Service Award to Larry Olmsted during the Plenary session

The Parent Society's Annual Meeting was held in Baltimore this year. Once again the NC Chapter was shining bright! Larry Olmsted, Duke Energy, was awarded the Society's Meritorious Service Award for his many commitments and long service to AFS. Another highlight occurred at the Business meeting, when Fred Harris, NCWRC Chief of Inland Fisheries, was installed as President. Fred outlined his plan of work for the coming year and graciously recognized all of the NCWRC staff in attendance for their past and continuing support of his AFS presidency. Congratulations Fred! It was an excellent meeting and I would like to thank the Chapter for supporting my travel to the meeting. I always enjoy attending the annual meeting since it is such a great opportunity to see what other fisheries activities are going on around the country and the world. The next meeting looks to be excellent and will be in Quebec City in August 2003. Je parle français en peu!



Scott Van Horn and Larry Olmsted escort Fred Harris to the podium for installation as AFS President

Speaking of meetings, the Chapter is working very hard on finalizing the details for the Southern Division's 2003 Spring Meeting. The meeting will be held in Wilmington on February 12-16, so mark your calendars. The first call for papers has already gone out and a second call will be going out in early October. Consider supporting the meeting and the Chapter by volunteering to help work or by submitting a presentation. If you are interested in volunteering to work, contact Kent Nelson, general chair, at nelsonk3@earthlink.net. If you are interested in submitting a presentation, contact Tom Kwak, program chair, at tkwak@ncsu.edu.

Have a safe and enjoyable autumn! **Shari Bryant**

2003 SDAFS MEETING SPRING MEETING, WILMINGTON, NC - 12-16 FEBRUARY

First Call For Papers

The North Carolina Chapter of the American Fisheries Society invites you to join us on the riverfront of historic Wilmington, North Carolina, at the Hilton Riverside Hotel for the 11th Annual Spring Meeting (formerly Midyear Meeting) of the Southern Division of the American Fisheries Society.



Highlights

- ✚ Technical Committee meetings on Thursday, 13 February
- ✚ ExCom and Continuing Education Workshops on Friday, 14 February
- ✚ Technical sessions, symposia, and posters on Saturday, 15 February through noon Sunday, 16 February
- ✚ **Student Social Friday Evening!**
- ✚ **Saturday Evening Dinner Aboard the Battleship North Carolina!**

Submission Procedures for Contributed Papers and Posters

Presentations will be scheduled for 20 minutes (15-min presentation and 5 min for questions), that will be strictly enforced. Media for presentations may include 35-mm slides or Microsoft PowerPoint. Abstracts should be a 200-word (or less) statement of objectives, principal results and conclusions and must include (in order) title; author names, addresses, phone, and e-mail; abstract text; and format (poster, slides, or PowerPoint). The first author will be assumed to be the presenter and principal contact person unless otherwise noted. Students competing for the "Best Student Paper/Poster Awards" should so indicate by placing an asterisk after their name.

Please send abstracts by e-mail or diskette using WordPerfect or MS Word (preferred) to:

Tom Kwak
NC Cooperative Fish and Wildlife Research Unit
Box 7617, NC State University
Raleigh, NC 27695-7617
tkwak@ncsu.edu

Please phone 919-513-2696 if you do not receive receipt acknowledgment of your abstract within 14 days of submission. Authors will be notified regarding presentation acceptance in early December 2002.

— **ABSTRACTS ARE DUE BY 15 November 2002** —

Reserve your room early: rates start at \$79 per night for single or double occupancy. For reservations, phone 910/763-5900.

NCSU Student Subunit Report

The NCSU Sub-unit recently held its first meeting of the fall semester with 23 students and faculty in attendance. The Sub-unit will hold monthly meetings on the first Tuesday of each month at 6:00 in David Clark Labs on NCSU's main campus. The Sub-unit will also be helping to host several Zoology Department seminar speakers with fisheries oriented research. These speakers include Wayne Hubert, University of Wyoming (see below); Mike Allen, University of Florida; and David Conover, SUNY Stony Brook. Everyone is welcome to attend these seminars. For complete information visit <http://www4.ncsu.edu/~jllubisc/seminar/flier.html> or the Sub-unit web page at http://www.ncsu.edu/stud_orgs/sfs/.

Dr. Wayne Hubert from the Wyoming Cooperative Fish and Wildlife Research Unit recently spent a few days on the NCSU campus in Raleigh where he met with students, faculty, and NCWRC personnel. Dr. Hubert's seminar on habitat factors affecting trout distribution in Wyoming was attended by over 40 people. Tom Kwak and Danielle Pender hosted a great cookout at their house for Wayne and his wife which was co-sponsored by the Student Sub-unit.



Dr. Hubert speaks with NCWRC Staff after his recent seminar at NCSU

The recent AFS parent society meeting provided several members' opportunities to present their research efforts, interact with peers, and learn about other AFS member's research efforts. The Sub-unit was able to support 6 graduate and 2 undergraduate students with travel grants to the meeting. Graduate students that received grants were Rob Aguilar, Nate Bacheler, Dana Bethea, Dave Hewitt, Mandy Howard, and Beth Shimps. Undergraduate recipients were Suzi Jones and Ed Malindzak. These grants were made possible through generous support from the North Carolina AFS Chapter.



NCSU Sub-unit members enjoying the social at the AFS meeting in Baltimore

Three NC State students were awarded additional travel support through the 2002 John E. Skinner Memorial Award, a competitive travel award sponsored by the AFS Education Section. These students were honored at the AFS Business Meeting and recipients include Dave Hewitt (full award), Bob Barwick (honorable mention), and Mandy Howard (honorable mention).

The Sub-unit is also working with the SDAFS Spring Meeting planning committee in a variety of areas and is beginning to put the raffle together for the meeting. Please contact Rich Fulford (rsfulfor@unity.ncsu.edu) if you have any leads for raffle prizes.

Contact Bill Pine (wepine@unity.ncsu.edu) if you have any questions about Sub-unit events.

Submitted by Bill Pine, Student Subunit President

Awards Committee

Call for Award Nominations - The Chapter presents two awards on an as-warranted basis to recognize outstanding contributions by both chapter members and others. The **Distinguished Service Award** recognizes Chapter members who have distinguished themselves by service to the Chapter, the American Fisheries Society, or the fisheries profession. The **Fisheries Conservation Award** recognizes non-Chapter members who have distinguished themselves by service or commitment to the Chapter or the fisheries resources of North Carolina.

The Awards Committee is soliciting nominations from the membership for both of these awards for 2003. If you are aware of a deserving individual or organization, please nominate them! Nomination letters should be no more than two pages long and provide specific information on the accomplishments of the candidates and why they qualify the candidate for the award. Qualifications for the Distinguished Service Award should extend beyond

simply doing an outstanding job on regular chapter duties (e.g., officer or committee member responsibilities) and be based primarily on extraordinary efforts or new initiatives.

Please submit nominations to Jim Rice at jim_rice@ncsu.edu or NCSU Zoology Department, Box 7617, Raleigh, NC, 27695-7617. Nominations will be accepted until December 1, 2002. Any questions, call me at 919-515-4592.

Submitted by Jim Rice, Awards Committee Chair

Environmental Concerns Committee

President Shari Bryant (at Dave Coughlan's suggestion) has requested that the Environmental Concerns Committee draft a resolution on the AFS position statement "Introductions of Aquatic Species". This topic has become particularly relevant lately with issues surrounding the snakehead (an introduced fish species that has been caught up in the media) and Spring Viremia (a contagious disease, affecting common carp, grass carp, big head carp, crucian carp, sheatfish fry, and possibly others). It is expected that the Resolution will be published in the December newsletter. Members will have the opportunity to vote on the Resolution at the annual meeting in February 2003.

The Environmental Concerns Committee is presently working on formulating a symposium regarding sedimentation in the Southeast at the upcoming Southern Division meeting that our chapter will be hosting in North Carolina.

If anyone would like to participate in either of these effort please contact me or one of the other committee members. If members have any other ideas or suggestions please contact me penderdr@mail.wildlife.state.nc.us or use the comment form on the new web page.

Submitted by Danielle Pender, Environmental Concerns Committee Chair

News from around North Carolina

AFS News from President Fred Harris - We had a successful annual meeting in Baltimore with more than 1500 attendees. Chris Kohler was installed as the newly elected 2nd Vice President. Gus reported that we continue to improve our financial condition. We expect to end the year in the black and make a healthy contribution to the contingency fund.

AFS Plan of Work this year emphasizes increasing our relevance, both to our members and to society at large.

We'll be working to expand and diversify our membership. This activity will have a strong chapter focus and the Membership Committee will be working closely with chapters to increase our efforts to recruit and retain members.

The Plan of Work also continues the recent focus on partnerships. This year we'll be emphasizing the formation of partnerships between AFS units and outside organizations as well as partnerships among AFS units to accomplish mutual goals. Such partnerships could be particularly effective in accomplishing outreach and continuing education objectives.

Several new books are being published this year. These are described on the AFS web site. Members get a nice discount on the price of AFS books, so check them out.

NCSU News from Joe Hightower - The NC Chapter congratulates Dave Hewitt for receiving a John E. Skinner Memorial Award from the AFS Education Section. This Fund was established in memory of John Skinner, former Chapter and Western Division American Fisheries Society president. The fund provides monetary travel awards for deserving graduate students or exceptional undergraduate students to attend the AFS Annual Meeting. Selection is based on academic qualifications, professional services and promise, and reasons for wanting to attend the meeting.



A smiling Dave Hewitt accepts a plaque recognizing his Skinner Travel Award

Dave is a graduate student in the North Carolina Cooperative Fish and Wildlife Research Unit at NC State University, pursuing a MS degree in Fisheries and Wildlife Sciences. For his thesis research, Dave is evaluating use of a fishwheel and stationary hydroacoustics equipment to characterize the spawning migration of anadromous fishes in the Roanoke River.

Dave was one of 10 graduate students to receive the Skinner Memorial Award to support travel to the 132st Annual Meeting of the AFS, held in Baltimore, Maryland, August 18-22. At the meeting, Dave presented a paper entitled "Strategies for assessing the total size and migratory patterns of anadromous fish spawning runs " that he coauthored with his advisor, Joe Hightower. Dave is on track to graduate in May 2003 and is trying to decide whether to work for a while or go straight into a PhD program.

Bivalve News from Jim Rice - Art Bogan from the NC Museum of Natural Sciences and Greg Cope from Toxicology have just put out "Workbook and Key to the Freshwater Bivalves of North Carolina. This spiral-bound 100+ page publication was sponsored by NCSU and a collection of NC natural resource agencies and organizations. It has a key, plus extensive information and color photos of all the species, including a list of species found in each NC watershed. To obtain your own copy, contact Greg Cope at 515-5296 or greg_cope@ncsu.edu.

Freshwater Mussel Taxonomy News from Richard Smith, CP&L - Hello all! At the CABW meeting in March of this year I volunteered to set up a freshwater mussel taxonomy workshop with Dr. Art Bogan of the NC Museum of Natural Science. He indicated that he would be willing to teach a workshop on October 15th and 16th (Tuesday and Wednesday) 2002 at the museum laboratory in Raleigh. Class size would be limited to 12-14 people and the cost will be \$350.00 per participant. If there is enough interest, Dr. Bogan indicated he would be willing to hold another workshop at a later date. This message is preliminary in that it is simply an attempt to gauge potential attendance. Further details will be forthcoming. Please E-mail or call me back regarding your interest in the workshop. Please forward this message to anyone that you feel would have interest in the workshop that is not on the mailing list. I apologize for the short notice.

Richard W. Smith , Carolina Power & Light, A Progress Energy Company, Environmental Services Section, Natural Resources Unit, (919) 362-3282.

SEAFWA News relayed by Tom Kwak. NCSU - !!!ATTENTION FISHERIES STUDENTS!!! The 56th Annual SEAFWA meeting will be held October 26-30, 2002, at the Hunt Valley Marriott in Baltimore, Maryland. The SDAFS Student Affairs Committee has reserved a block of rooms for free student lodging from October 27-29. Each room will be shared by four students of the same gender. Application deadline is October 11, 2002.

This years SEAFWA meeting will include a revamped student social and job fair to foster direct contact between State and Federal fisheries agencies directors and human resources personnel and the students, providing a rare chance to actually meet and talk with fisheries program directors! This is a great opportunity to make some contacts and start networking for the future!

If you are interested in obtaining free lodging, send your name, address, contact, phone number, e-mail address, school, gender, status (graduate or undergraduate), AFS member number (located on your Fisheries mailing label), a statement about why you wish to attend the meeting and the night(s) you will need lodging to: Dr. Stuart Welsh, West Virginia University, Cooperative Fish and Wildlife Research Unit, 322 Percival Hall, Morgantown, WV 26505-6125, P (304) 293-2941 ext. 2419, FAX (304) 293-2426, or to Alan Heft, Maryland DNR, Appalachian Laboratory, Frostburg, MD 21532, P (301) 689-7107, FAX (301) 689-7200, aheft@dnr.state.md.us.

NCSU News from Rich Noble, Tom Kwak, and Jim Rice - Spring and summer have sprung a few new Wolfpackers into the fisheries world. **Suzi Jones** earned her B.S. in May, and, after a summer assisting on the reservoir striped project, is headed back to Maryland to work on estuarine fisheries with Dr. Ed Houde at the UMD Chesapeake Biological Laboratory. **Nate Bacheler**, M.S. candidate with Rich Noble, completed his degree studying a voracious piscivore, the bigmouth sleeper, in Puerto Rico reservoirs. Nate is now a salty research fellow working on striped mullet for Jeff Buckel at the new NCSU marine center in Morehead City. **Bob Barwick**, who completed his M.S. with Tom Kwak and Rich Noble, working on fish-friendly piers for Piedmont reservoirs, joined NCWRC assisting Lawrence Dorsey in District 6. **Regan McNatt** completed her M.S. with Jim Rice, working on effects of estuarine hypoxia on juvenile fish, and has moved all the way to Pasco, Washington, to assume a position with NMFS working on juvenile salmon migration issues. Long-standing M.S. candidate, **Russell Wong**, finished his degree working on white perch population ecology in Jordan Lake, and continues with the NCWRC as marketing specialist for fisheries programs. Congratulations to all. We'll look forward to a lifetime of professional contributions.

Stream Restoration news from Andrew Burg, Mecklenburg County Storm Water Services – Stream restoration work on Little Sugar Creek in Charlotte continues! Please follow this link for information and photos <http://www.stormwaterservices.com/freedom>

Shrubs for streambank stabilization information from Ellen Colodney - As of 9/18/02, Coastal Plain Conservation Nursery has the following container-grown

shrubs available for stream stabilization plantings this fall and winter:

<i>Ahnus serrulata</i>	Hazel Alder 278 @ \$1.25
<i>Aronia arbutifolia</i>	Red Chokeberry 628 @ \$0.95
<i>Callicarpa Americana</i>	Beautyberry 2043 @ \$1.25
<i>Cephalanthus occidentalis</i>	Buttonbush 12239 @ \$0.95-\$1.25
<i>Euonymus americanus</i>	Strawberry Bush 149 @ \$1.25
<i>Itea virginica</i>	Sweetspire 772 @ \$0.95
<i>Rhus copallinum</i>	Winged Sumac 200 @ \$1.25
<i>Rosa palustris</i>	Swamp Rose 2215 @ \$1.25
<i>Sambucus Canadensis</i>	Elderberry 3590 @ \$1.25
<i>Viburnum nudum</i>	Possumhaw 2385 @ \$1.25

We will also have live stakes of Elderberry, Black Willow, and Buttonbush. We will not have *Cornus amomum* or *Salix sericea* live stakes this year. All plants are of eastern North Carolina ecotype. For more information, call Ellen Colodney at 252-482-5707 or liv2plant@earthlink.net

Spotlight on Students and Young Professionals

Spotlight on Wes Neal, Ph.D candidate, NCSU - During his early years in the mountains of Virginia, Wes Neal developed a strong interest in the outdoors. Whereas he could walk out his back door and into the wildlands of Appalachia, hunting and fishing became his obsession. That interest led him to Virginia Tech, where, while he completed his B.S. degree in Fisheries and Wildlife Sciences, he became involved with fisheries research and the American Fisheries Society.

Enticed by the opportunity to collect data with hook-and-line, Wes enrolled in an M.S. program at NC State, where, under the watchful eye of Jim Rice and Rich Noble, he contributed new understanding of the ecological role and impacts of hybrid striped bass as a supplemental predator in farm ponds. Upon completion of his M.S., he enrolled in a Ph.D program at State to work with Rich Noble on Puerto Rico reservoirs. Soon thereafter, the project biologist position opened, so Wes decided to pursue his degree “on the job” in Puerto Rico.

As biologist for the PR reservoir project for 3 years, Wes experienced a breadth of research ranging from island-wide assessment to species interactions, and from toxicological investigations to genuine fish-squeezing for triploidy induction. In the style of his predecessors and advisor, he contributed to the economy of the village of Boqueron, and all who supply it with food and beverage. His responsibilities included close coordination with agency personnel, leading to collaborative research on tournament mortality of bass. Very close coordination with the University of Puerto Rico not only developed his

interests in marine mammals and diving the reefs, but also recruited a new lifelong collaborator (Diana Mora Neal).



Wes Neal showing off his samples from a Puerto Rican reservoir.

Wes is in the writing stage on his dissertation on energetics of oversexed bass, which he intends to finish this fall. In addition to his teaching-assistant experience, he’s already had the opportunity to instruct an undergraduate course in natural resource conservation. As a result of his success in the classroom, he sees his future in an academic position, teaching fisheries and conducting research—and being active in AFS at various levels.

Meetings of Interest

2002 NC Stream Restoration Conference - Oct. 7-10, 2002, Wilmington, NC. Restoration in the Coastal Plain: Stream and Wetland Processes
<http://www.ncsu.edu/sri/Conference/Conference2002.html>

56th Annual SEAFWA Conference - Oct. 13-17, 2002, Baltimore, MD. The Conference theme is “From the Chesapeake Bay to the Gulf – Keeping it Wild: Managing Our Resources in the Face of Increasing Development”
<http://www.seafwa2002.org>

2003 NCAFS Annual Meeting and the 2003 SDAFS Spring Meeting - Feb. 12-16, 2003, Wilmington, NC. Stay tuned to this website for more details.

If you are aware of meeting information that would be beneficial to the membership of the NCAFS, please send it to the newsletter editor for inclusion in the next newsletter. djcoughl@duke-energy.com

Employment Opportunities

North Carolina State Museum of Natural Resources, Temporary Fish Technician Position (Full or Part Time). This technician position serves to assist the

Collection Manager of Fishes with collection, lab, and perhaps field work. Work responsibilities include processing of fish collections (sorting, changing of storage media, containerizing, assuring data preservation, etc.), cataloging, data entry, proofing of data files, physical storage of specimens, retrieval of specimens from collections and other activities related to curation of the Museum's fish holdings. The technician may be asked from time to time to assist with field work related to fish surveys or other collections, though this will not be a primary function of the position. Normal work activities will bring the technician in contact with alcohol, formalin, glassware, sharp instruments and may require work in streams or other bodies of water.

Training and Experience Requirements - Required: Computer experience (preferably database related); 2 years or more of college in the area of the biological sciences/wildlife sciences. Preferred: Past related lab experience; collections and/or fish related experience desirable. Send cover letter and resume/cv to: Gabriela M. Hogue, NCSM Research Lab, 4301 Reedy Creek Rd., Raleigh, NC 27607, Gabriela.Hogue@ncmail.net
Location: Research Lab at 4301 Reedy Creek Rd., Raleigh, North Carolina, Salary: \$10.62/hour (no benefits available), Approximate starting date: NOW, Note: Funding for this position is tentatively allocated through June, 2003, subject to overall state budget constraints. There is reasonable possibility of it continuing thereafter.

M.S. Graduate Research Assistantship, Department of Zoology, CMAST, Raleigh & Morehead City, NC. I am looking for a highly qualified Masters student to conduct research into the ecology of plankton and planktivorous fishes in a coastal estuary. The research conducted by the student will contribute to my lab's goal of developing a habitat utilization model to explain patterns of distribution and movement of pelagic fishes in the lower Neuse River in coastal North Carolina. The project will involve a combination of field and laboratory work. Candidates should have some relevant field and lab experience, a strong academic background including exposure to mathematics and statistics, and solid communication skills. Experience in zooplankton sampling and identification, fish collection, and hydroacoustics is preferred, but not required. The research will be conducted out of the Center for Marine Science and Technology and the new Fisheries Laboratory located in Morehead City, NC. The student will be matriculated at NC State University in the Department of Zoology. Salary: \$13K annual stipend plus tuition costs, one year of support, 2/03-1/31/04. Closing Date: 15 November 2002.

Contact - Please send a letter outlining research interests, a CV, transcripts, GRE scores, and contact information for three references to Peter Rand, Department of Zoology, NCSU, Raleigh, NC 27695-7617,

pete_rand@ncsu.edu. Submission of application materials by email is preferred. Please include the words "GRA-Neuse River" in the subject line of the email.

M.S. Research Assistantship NC State University, Raleigh, NC. An M.S. research assistantship is available from the North Carolina Cooperative Fish and Wildlife Research Unit at North Carolina State University, Raleigh. Project goals are to characterize migratory patterns of anadromous and resident fishes and to examine use of habitat restored through dam removal.

Qualifications Required: B.S. or B.A. in fisheries or related field; 1000 GRE score [Verbal + (Quantitative + Analytical) / 2]; 3.20 undergraduate grade point average; and physical ability to conduct field research.

Qualifications Desired: Knowledge and interest in anadromous fish ecology, restoration, and management; field biology, computer, quantitative, writing, and public speaking skills; personality and ability to excel in a multidisciplinary research environment and to interact with agency biologists and the public; and creative, critical thinking.

Available: Spring semester (January) 2003.

Stipend: \$13,000/year (12 months), health benefits, and full tuition waiver.

To be considered for the position, please send (via regular mail rather than email) a letter of interest, resume, unofficial copies of GRE scores and college transcripts, and contact information for three references. The selected applicant will then be encouraged to apply to the graduate program for admission. Women and minority candidates are encouraged to apply.

Dr. Joe Hightower
NC Cooperative Fish and Wildlife Research Unit
Box 7617, North Carolina State University
Raleigh, NC 27695 USA
Phone: (919) 515-8836
E-mail: jhightower@ncsu.edu
<http://www4.ncsu.edu/unity/users/j/jhncsu/public/jhightower.html>

Related web sites:

[NC Coop. Fish & Wildlife Research Unit](#)
[Department of Zoology, NCSU](#)

Fisheries Management/Large River Ecology Position Announcement. The Southern Illinois University Carbondale Department of Zoology invites applications for a 12-month, tenure track position (Assistant, Associate, or Full Professor) in Fisheries Management/Large River Ecology with 75% research in the Fisheries and Illinois Aquaculture Center and 25%

teaching in Zoology. The department seeks a researcher with experience and/or demonstrated capability of integrating into an established research program on the Mississippi and Ohio Rivers, and to complement existing strengths in aquaculture, aquatic ecology, aquatic toxicology, fish genetics, ichthyology, limnology, and wildlife ecology. Applicants should have demonstrated skills in experimental design and statistical analyses. Modern research facilities and start-up funds are available. The successful candidate will be expected to develop an externally funded research program, supervise M.S. and Ph.D. students, and teach undergraduate and/or graduate courses in his/her specialty and/or others related to the Fisheries/Aquaculture Center and the Department of Zoology. Candidates must have a Ph.D. in an appropriate field with a record of peer-reviewed publications and scholarly accomplishments commensurate with experience, and demonstrated grant success or strong evidence of funding potential. Preference will be given to applicants with postdoctoral teaching and research experience and membership in the American Fisheries Society. If the successful applicant is eligible for appointment at the Associate or Full Professor level, and professional interest and experience warrant, concurrent consideration may be given for appointment as Assistant Director of the Center. Applicants should send a curriculum vitae, statement of teaching and research interests and plans, copies of transcripts from all institutions attended, representative reprints, and have four (4) letters of reference sent to: Dr. Christopher C. Kohler, Fisheries and Illinois Aquaculture Center,

Southern Illinois University Carbondale, Carbondale, IL 62901-6511. Review of applications will begin on 1 November 2002 and continue until the position is filled. Preferred starting date is 1 July 2003. Information about the department, university, and center can be found at <http://www.science.siu.edu/zoology> and <http://131.230.57.1/fishweb/coopfish.htm>. E-mail inquiries should be directed to the search committee chair (ckohler@siu.edu).

Fishery related jobs can be found on the AFS web site at: <http://www.fisheries.org/jobs.html>. This site also offers links to job postings on non-AFS web sites.

If you have a fishery-related job opening and would like to post it in the next NCAFS Newsletter, please send your announcement to the newsletter editor. djcoughl@duke-energy.com

Valuable Links – Courtesy of AFS

The American Fisheries Society Home Page offers a wealth of links to assist you in your fishery endeavors. Information on ordering AFS books, public outreach, annual meetings, chapter links and joining the AFS can be found at <http://www.fisheries.org/>.

Additional links can be found courtesy of Dr. Mike Allen and the Southern Division, AFS. <http://www.sdafs.org/links/msallen1.htm>