

**16TH ANNUAL MEETING:
12-14 March 1996
WITHLACOOCHEE STATE
FOREST TRAINING
CENTER,
BROOKSVILLE, FLORIDA
AGENDA INSIDE**

Ocean and Atmosphere Research Technicians. Bermuda Biological Station for Research (BBSR) has immediate and future openings for technicians. The sea-going positions require marine chemistry/oceanography backgrounds (pigments by HPLC, primary production, nutrients, oxygen, and salinity analyses). Biology/physics backgrounds will also be considered. Sea-going, research experience and computer proficiency required. A position for analysis of pigments is available immediately, other positions will start in spring/ summer 1996. Atmosphere position is available now, duties include daily responsibility for an automated sampling site. Background in atmospheric science or chemical oceanography required, electronics experience desirable.

BBSR is a U.S. not-for-profit research and education institution situated on the island of Bermuda. Tax-free salary: \$22,000 to \$25,000. Send letter, resume, and the name, address, phone and e-mail address of at least three references to: Dr. Deborah K. Steinberg, BBSR, 17 Biological Lane, Ferry Reach GE01, BERMUDA. Internet: (debbie@bbsr.edu) FAX: (809) 297-8143. BBSR is an equal opportunity employer.

AWARDS

Meritorious Service Award. Carolyn Griswold, Chair, Meritorious Service Award Committee has announced the annual call for nominations for the Meritorious Service Award. This award is given to an individual AFS member of unswerving loyalty, dedication, and meritorious service to AFS over a long period of time; and for exceptional commitment to the program, ideals, objectives, and long-term goals of AFS. The closing date to submit nominations is June 15, 1995 and nomination forms can be obtained from Carolyn. Her address is Northeast Fisheries Science Center, Narragansett Laboratory, 28 Tarzwell Dr., Narragansett, RI 02882-1199 (ph. 401/782-3273; fax 401/782-3201; cgriswol@whsun1.wh.who.edu).

C.W. Watson Award. Nominations are being sought for the Clarence W. Watson Award. This annual award will be presented at the Southeastern Association of Fish and Wildlife Agencies Meeting in Hot Springs, AK on October 8, 1996. This is the most prestigious award in the Southeastern Association and is presented to the career individual who, in the opinion of the Award Committee, has made the greatest contribution to wildlife or fish conservation during the previous year or years. Consideration includes research, administration, law enforcement, I&E, wildlife management, fish management, teachers, and students. All Southeastern members and interested persons are encouraged to nominate candidates. Nominations should be sent to: Susan Shipman, Chairperson, Coastal fisheries, GA-DNR, 1 Conservation Way, Brunswick, GA 31523-8600 (912/264-7218) no later than June 30, 1996. Nomination format should include background information (A. name, B. birth date, C. education and D. employment history) and the accomplishment(s) and application of accomplishment(s) upon which the award should be made (1. problem or opportunity with which nominee was involved, 2. action nominee took to solve problem or capitalize on opportunity, 3. results (accomplishments) of nominee's actions.)

International Coral Reef Symposium, June 24-29, Panama.

International Symposium on the Role of Forage Fishes in Marine Ecosystems, Nov 13-15 in Anchorage, Alaska. Contact Brenda Baxter, Alaska Sea Grant College Program, Univ. of Alaska, PO Box 755040, Fairbanks AK 99775-5040 (p:907-474-6701; f:907-474-6285; e:fnbrm1@aurora.alaska.edu) for more information

STUDENT INFORMATION

1996 Annual Skinner Memorial Award. The Educational Section of AFS is proud to announce the 1996 Annual Skinner Memorial Awards Competition. These awards are given to qualified undergraduate and graduate students to provide them with the opportunity to attend the annual meeting in Dearborn Mich., from August 25-29. The award covers up to \$500 for travel and related expenses in attending the meeting. Applications are available from Anita Kelly, Chair, Skinner Award Committee, Cooperative Fisheries Research Laboratory, Southern Illinois University at Carbondale, Carbondale, IL 62901-6511. Applications are due May 15, 1996 and awards will be announced by July 1, 1996.

AFS Guide to Fisheries Employment. A new guide is available for those interested in fisheries careers. The Student Subsection has announced the release of An AFS Guide to Fisheries Employment. This 13-chapter handbook details what employers are looking for in employees, what types of fisheries jobs are available, what basic employee qualifications are, and where to find more resources. Edited by Tracy D. Hill and Robert M. Neumann, the 113-page guide also includes information on professional development topics such as developing early curricula, building an effective resume, finding a graduate program, and maintaining professionalism while employed in a fisheries career. Additional topics range from working for state, federal, provincial, and international agencies to finding jobs in aquaculture, private consulting companies, nongovernmental organizations, and academia. The handbook costs \$10 (including shipping). To order, contact Mike Cyterski, secretary-treasurer, Student Subsection, American Fisheries Society, 803 Claytor Square, Blacksburg, VA 24060 (ph. 540/961-3429, e-mail mikecy@vt.edu). Checks should be made payable to the Student Subsection, AFS.

PUBLICATIONS

The 1996 AFS Publications Catalog is out. If you are not a member of AFS, you may be interested in getting a copy. New titles include **Uses and Effects of Cultured Fishes in Aquatic Ecosystems -- Evolution and the Aquatic Ecosystem: Defining unique units in Population Conservation -- Bottom Soils, Sediment, and Pond Aquaculture -- Broodstock Management and Egg and Larval Quality -- Analytical Techniques. Biochemistry and Molecular Biology of Fishes -- Recent Developments in Fish Otolith Research -- The Rise of Fishes: 500 Million Years of Evolution -- Theory and Application in Fish Feeding Ecology -- Fresh Water Fisheries Management -- and On the Sex of Fish and the Gender of Scientists.** For a copy of this catalog, write or fax to AFS, 5410 Grosvenor Lane, Suite 110, Bethesda, MD 20814 (301/897-8096).

POSITIONS AVAILABLE

CALL FOR PAPERS

First Call for papers for the 50th Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies, October 5-9, 1996 in Hot Springs, AK. The Arkansas Game and Fish Commission is pleased to host the 50th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies at the Arlington Resort Hotel and Spa. The conference will be held in historic Hot Springs, known worldwide for its spring-fed thermal mineral baths and relaxing massages. The theme of this year's conference is "Fifty Years of Learning - Fifty years of Understanding". You are invited to submit papers for review and inclusion in the 1996 program. Papers and posters related to the conference theme are encouraged, although submissions on other topics are welcome. Manuscripts must adhere to guidelines published as a special supplement at the end of the 1985 Southeastern Proceeding (Volume 39). Deadline for receiving manuscripts is May 1, 1996. For fisheries related manuscripts, contact Dick Luebke, Texas Parks and Wildlife Dept., Heart of the Hills Research Center, HC07, Box 62, Ingram TX 78025 (210/866-3356) for more information.

Call for papers for the American Society of Ichthyologists and Herpetologists 76th Annual Meeting, June 13-19, 1996 in New Orleans, LA. This year's meeting will be hosted by the Department of Biological Sciences of the University of New Orleans. The American Elasmobranch Society, Herpetologists' League, AFS's Early Life History Section, the Southeastern Fishes Council, and Neotropical Ichthyological Association will be meeting in conjunction with ASIH. For more information about the meeting, contact Bob Cashner, ASIH96 Local Committee, UNO Conference Services, Metropolitan College, University of New Orleans, New Orleans LA 70148. Abstracts are due on disk by March 15th, and via e-mail by April 1.

UPCOMING MEETINGS

16th Annual Meeting of the Florida Chapter of the American Fisheries Society, March 12-14, 1996 at the Withlacoochee State Forest Training Center, Brooksville, FL. Contact Scott Willis, FMRI-FDEP, 100 8th Ave. S.E., St. Petersburg, FL 33701 for more information.

Symposium on Biogeochemistry of Wetlands, March 4-6, 1996 in New Orleans, LA. Contact K. Gros, Wetland Biogeochemistry Institute, Louisiana State University, Baton Rouge, LA 70880-7511 (504/388-8810; cowgro@lsuvm.sncc.lsu.edu) for more information

23rd Annual Conference on Ecosystems Restoration and Creation, May 16-17, 1996 in Tampa Fl. Contact F. J. Webb, Dean of Environmental Programs, Hillsborough Community College, Plant City Campus, 1206 N. Park Rd., Plant City FL 33566 (813/757-2104) for more information.

Florida Lake Management Society Annual Conference, May 22-24 in Ocala, FL. contact M. Hoyer, U.F. Dept. of Fisheries and Aquaculture, 7922 NW 71 St., Gainesville, FL 32653 (904/392-9617 ext. 227) for more information.

Annual meeting of the American Society of Ichthyologists and Herpetologists, June 13-19, 1996 in New Orleans, LA.

UPCOMING MEETINGS CON'T

8:00AM - 12:00PM Contributed Papers

- 8:00 - 8:20 Recruitment Patterns of Larval and Juvenile Tarpon in the Indian River Lagoon. J. M. Shenker, G. A. Zarillo, H. M. Patterson, and E. G. Cowie
- 8:20 - 8:40 The Importance of a Fish Reference Collection in Florida's Ecosystems Management. Ramon Ruiz-Carus
- 8:40 - 9:00 The Florida Estuarine Living Marine Resources (FLELMR) System for Coastal Resources Management. Peter J. Rubec
- 9:00 - 9:20 A Pilot Study of Marine Recreational Fishing in Tampa Bay and Adjacent Coastal Waters. Martha D. B. Norris and Thomas R. Sminkey
- 9:20 - 9:40 Spatial and Temporal Patterns of Mercury Contamination in Fish from the Florida Everglades. Ted R. Lange, Forrest J. Ware, and Homer E. Royals
- 9:40 - 10:00 Impacts of Dry Season Hydrology on Apple Snail Survival. P.C. Darby and H.F. Percival

10:00 - 10:20 Break

- 10:20-10:40 Relative Abundance and Recruitment of Juvenile Arius felis in Tampa Bay, Including a Preliminary Study on a Technique to Visually Determine Sex in the Field. James M. Fine
- 10:40-11:00 Florida's Halfbeak (Hemiramphus spp.) Bait Fishery. Richard McBride, Lisa Foushee, and Behzad Mahmoudi
- 11:00-11:20 The Movement of Juvenile Fishes Between the Indian River Lagoon and Mosquito Impoundments North of Sebastian Inlet, Florida. Carmen R. Wieher
- 11:20-11:40 Age, Growth, Age at Maturity, and Size Composition of Spotted Seatrout, (Cynoscion nebulosus), in the Panhandle of Florida. Christopher L. Palmer, Douglas A. DeVries, and Chad D. Bedee
- 11:40-12:00 Biology and Ecology of the Mayan Cichlid (Cichlasoma urophthalmus) in the Dwarf Mangrove Zone of Everglades National Park, Florida. Craig H. Faunce, Jerry Lorenz, and Christopher Harrington

1:00 - 2:00 Best Paper and Chapter Awards

16th Annual Meeting Program Schedule Wednesday March 13, 1996

8:10AM - 10:00AM Science in Action: Public Outreach Symposium

- 8:10 - 8:20 Jason Project: Voyage VII Overview. Lara Halenda
8:20 - 8:40 Jason Project: Voyage VII Scientific Program Overview. Bob Hueter
8:40 - 9:00 Creating Angler and Resource Advocates. Steve Marshall
9:00 - 9:20 Public School Initiative. Rae Whitfield
9:20 - 9:40 Communicating Effectively with Your Publics. Linda Burnette and Pat McSweeney
9:40 - 10:00 Ecoventures. George Shipp

10:20AM - 12:00PM Contributed Papers

- 10:20-10:40 Residence Time of Gag Grouper on Artificial Reefs. James L. Loftin, Jason A. Hale, William J. Lindberg, and Frederic E. Vose
10:40-11:00 Mark and Recapture of Gag, Mycteroperca microlepis, and Gray Snapper, Lutjanus griseus, in St. Andrew Bay, Florida. Bruce V. Heinisch and William A. Fable, Jr.
11:00-11:20 "Copperbelly" Gag (Mycteroperca microlepis) from the Northeastern Gulf of Mexico: Sex Ratio and Homogeneity of Gonadal Tissue by Region. M. Scott Baker, Jr., L. Alan Collins, and Christopher C. Koenig
11:20-11:40 Importance of Using Post-ovulatory Follicle "Age" Information from At-sea Sampling in Estimation of Fecundity in Gag, Mycteroperca microlepis, from the Northeastern Gulf of Mexico. L. Alan Collins, M. Scott Baker, Jr., Christopher C. Koenig, and Gary R. Fitzhugh
11:40-12:00 Educational Tools for Improving Reef Fish Gut Cavity Venting Practices of the Florida Charter Fishing Industry. Joe Nolin

1:00PM - 3:00PM Contributed Papers

- 1:00 - 1:20 More Recruitment for Less Money: Survival and Cost Analysis for a Striped Bass Stocking Program. Julie E. Wallin and Michael J. Van Den Avyle
1:20 - 1:40 Preliminary Results of a Variable-reward Tagging Study in the Common Snook Fishery on the East Coast of Florida. James A. Whittington, Ronald G. Taylor, Kraig E. Krum, and Douglas Haymans
1:40 - 2:00 A Quantitative Method of Testing Artificial Habitats for Common Snook. Robert McWilliams and Kevin Peters
2:00 - 2:20 Diets, Dentition, and Growth: A Comparison of Three Gulf Serranids. Doug Weaver
2:20 - 2:40 Description of Otolith Microstructure in Scaled Sardine, Harengula jaguana, with Emphasis on Age and Growth Along the West and Southeastern Coasts of Florida. Daryl Pierce and Behzad Mahmoudi
2:40 - 3:00 Potential Effects of Cluster Sampling on the Estimation of Population Attributes of Fishes. Gary A. Nelson

3:30PM - 5:00PM Chapter Business Meeting-President Steve Miller

Thursday March 14, 1996

16th Annual Meeting

Florida Chapter, American Fisheries Society
Withlacoochee Forestry Center
Brooksville, Florida
March 12-14, 1996

Meeting Schedule**Tuesday March 12, 1996**

1:00PM	-	6:00PM	Registration
3:30PM	-	5:00PM	Ex-Comm and Committee Chairs
5:30PM	-	6:30PM	Dinner
7:30PM	-	???	Social

Wednesday March 13, 1996

7:00AM	-	8:00AM	Breakfast
8:00AM	-	5:00PM	Registration
8:10AM	-	10:00AM	Public Outreach Mini-symposium
10:00AM	-	10:20AM	Break
10:20AM	-	12:00PM	Contributed Papers
12:00PM	-	1:00PM	Lunch
1:00PM	-	3:00PM	Contributed Papers
3:00PM	-	3:30PM	Break
3:30PM	-	5:00PM	Florida Chapter Business Meeting
5:30PM	-	6:30PM	Dinner
6:30PM	-	7:30PM	Chapter Committee Breakouts
7:30PM	-	???	Raffle and Social

Thursday March 14, 1996

7:00AM	-	8:00AM	Breakfast
8:00AM	-	10:00AM	Contributed Papers
10:00AM	-	10:20AM	Break
10:20AM	-	12:00PM	Contributed Papers
12:00PM	-	1:00PM	Lunch
1:00PM	-	2:00PM	Best Paper and Chapter Awards