

APOLOGY

Sorry this issue of the Shell-cracker is so short, but preparing for Tampa has taken much of my time. I wanted to get an issue out prior to the meeting to let everybody who is planning to be at Tampa know that we still need help. Stop by the AFS office (TCC 1) at the convention center and see what still needs to be done. The next issue of the Shell-cracker will be much more extensive. You can help me out by sending me information you would like to share with the rest of the Florida Chapter. This could include your opinions on current fishery trends, job listings, meeting announcements, or publications. If you send it, it will be printed.

Next Issue:

The target date for the next issue of the Shell-cracker is November. This issue will have the first official call for papers for the 16th Annual Meeting of the Florida Chapter of AFS. There will also be a wrap-up on the international meeting.

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UPCOMING MEETINGS Con't

Conservation and Management of Freshwater Mussels II: Initiatives for the Future, October 16-18 at the Embassy Suites Hotel, St. Louis, MO. Contact Alan Buchanan, Missouri Dept. of Conservation (314/882-9880)

NPAFC 3rd Annual Meeting, November 6-11 in Seattle, WA, USA. (North Pacific Anadromous Fish Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2; t: 604-228-1128; f:604-228-1135).

Ninth Western Groundfish Conference, January 22-25, 1996 in Newport, OR. Contact Elaine Stewart, ODFW, 2040 S.E. Marine Science Dr., Newport, OR 97365.

Deep Shelf Fisheries Conference, February 1-6, 1996 in Miami, FL. Contact Jennifer Potts at 919/728-8715 or jpotts@hatteras.nmfs.noaa.bea.gov.

STUDENT INFORMATION

Free student lodging for the '95 Southeastern Association of Fish and Wildlife Agencies meeting. The 1995 "Southeastern" meeting will take place from September 23-28, 1995 in Nashville, TN. The Southern Division AFS student affairs committee has reserved a block of rooms at the Stouffer Hotel and Conference Center for free student lodging. Each room will be shared by four students of the same gender. **The deadline for application will be August 30, 1995.** Applications should include your name, address, AFS member number, and a statement about why you will attend. Send applications to Dr. Bruce Saul, August College Biology Department, 2500 Walton Way, Augusta GA 30904-2200 (706/737-1539).

WANTED

Correspondence courses in fisheries and related fields.

The Society's Continuing Education Committee has been exploring different ways in which we can provide members with training opportunities. To date, nearly all Society-sponsored courses are given at meetings of the parent Society or subunits. While these formats can be effective, they may not be readily accessible to all members.

For certain subjects, correspondence courses may provide training opportunities that would otherwise not be available. Many universities offer a variety of correspondence courses, but fisheries and aquatic ecology offerings are practically nonexistent.

The Continuing Education Committee is seeking the help of instructors who are teaching or have taught fisheries-related courses that can be reformulated into a correspondence format. If you think that one or more of your undergraduate or graduate courses, or in-service courses have potential as correspondence courses, the Committee would appreciate hearing from you. We recognize that course revisions may require considerable effort than costs, for which funds may be available. To further explore potential courses, contact: Bob Carline, Merkle Laboratory, University Park, PA 16802 (Phone: 814/865-4511; fax: 814/863-4710; E-mail: f7u@psuvm.psu.edu).

UPCOMING MEETINGS

125th Annual AFS meeting, August 28-31 in Tampa, FL.

Symposium on the Role of Marine Mammals in the Ecosystem, September 6-8 in Dartmouth, Nova Scotia, Canada. (Tissa Amaratunga, NAFO Secretariat, Northwest Atlantic Fisheries Organization, P.O. Box 638, Dartmouth, Nova Scotia, B2Y 3Y9, Canada; t:902-469-9105; f:902-469-5729).

COSPAR Colloquium: Space Remote Sensing of Subtropical Oceans, September 12-16 in Taipei, Taiwan, China. (Cho-teng Liu, I. of Oceanography, N. Taiwan Univ., Taipei POB 23-13, Taiwan 106, China; t:886-2-362-0624, f:886-2-363-5165, 392-5294; e:ctliau@ccms.ntu.edu.tw)

The 1995 Annual Meeting of the Society for Ecological Restoration, September 14-16 in Seattle WA.

Southeastern Association of Fish and Wildlife Agencies, September 23-27, 1995 in Nashville, TN. The theme of the meeting is "The Status and Future of Ecosystem Management in the Southeast". The deadline for manuscripts was May 1, 1995. At this meeting, the Tennessee Chapter will sponsor a "Fisheries Social" at the world famous Wildhorse Saloon (as seen on TNN) Tickets will cost \$5.00 and payment can be made to Dave Rizzuto, Tennessee Chapter Treasurer, 74 Summerfield Dr., Jackson, TN 38305.

Third Thematic Conference on Remote Sensing for Marine and Coastal Environments, Technology and Applications, September 18-20 in Seattle, WA, USA. (ERIM/Marine Environment Conference, P.O. Box 134001, Ann Arbor, MI 48113-4001, USA; t: 313-994-1200, ext. 3382; f: 313-994-5123; e: rrogers@erim.org)

Watershed's '94 Expo, September 28-30 in Bellevue, WA. Contact Andrea Lindsay, U.S. EPA WD-125, 1200 sixth Ave., Seattle, WA 98101 (800/424-4EPA).

ICES Statutory Meeting: Special Theme Session on Intermediate-Scale Physical Processes and their Influences on the Transport and Food Environment of Fish, September 21-26 in Copenhagen, Denmark. (B. MacKenzie, Danish Institute for Fisheries and Marine Research, Charlottenlund Castle, DK-2920 Charlottenlund, Denmark; t:45-3396-3403; f:45-3396-3434; e:brm@fimdfh.fin.dk; or Francisco E. Werner, Univ. of North Carolina, Chapel Hill, NC 27599-3300, USA; e:cisco@hydra.chem.unc.edu; t:919-962-0269; f:919-962-1254).

Oceans '95, October 9-12 in San Diego, CA, USA.

International Symposium on Biology, Management, and Economics of Crabs from High Latitude Habitats, Anchorage, Alaska, October 11-13. Contact Brenda Baxter, Alaska Sea Grant College Program, at the Univ. of Alaska in Fairbanks, PO Box 755040, Fairbanks AK 99775-5040 (t:907-474-6701; f:907-474-6285; e:fnbrm1@aurora.alaska.edu)

Fisheries & Pollution: A Conference on Population- Level Effects of Marine Pollution, October 12-13 at the Univ. of Maryland's Columbus Center, Baltimore, MD, USA. Contact Daniel Grosse, Rifkin & Associates, 10480 Little Patuxent Pkwy, Suite 725, Columbia, MD 21044; (t:301-596-3855; f:410-995-3821; e:dgrosse@access.digex.net)

WHEN DO CATFISH TASTE LIKE GROUPER?

Or, ever wonder why salt water fish taste different from freshwater fish? Janet Boyle, Robert Lindsay, and David Stuibler from the Department of Food Science at the University of Wisconsin-Madison think they know why. After surveying ocean-caught and freshwater fish from around the world, they found bromophenols only occurred in ocean-caught fish. In marine environments, bromophenols are derived from algae, bryozoans, and some sandworms. By feeding a bromophenol enriched diet to rainbow trout, crayfish, and channel catfish, they were able to quickly change the flavor of the flesh to the more desirable saltwater taste. In addition, the color of cooked rainbow trout that were fed bromophenol enriched diets was white. This was more appetizing than the normal grayish-pink color of cooked controls. The use of synthetic bromophenols in fish feed is presently prohibited by FDA rules, so the scientists are working with natural sources to augment the diet of freshwater raised fish.

SHARP EYES DEPARTMENT

Chuck Cichra has relayed to me a copy of an article that details the early life history of the diving schmoo. In an article titled "Punctuated Evolution of Embryos" which appeared in Volume 267 of Science, Dr. Gregory A. Wray examined mechanisms that ensure survival of organisms as they develop from egg to adult. One group of organisms highlighted by Dr. Wray were sea urchins of the genera *Heliocidaris*. Apparently some species within this genus have a feeding pluteus larval form, while others have a non-feeding schmoo larval form. How these larvae are cultured into the diving schmoo is unknown. Doug Haymans was unavailable for comment; however, his attorney indicated that a statement will be forthcoming.

CALL FOR PAPERS

Make Plans Now For Next Year's Annual Meeting in Brooksville !!! The 16th Annual Meeting has been scheduled for March 19 - 21 1996. Mark it on your calendars now. A date has not yet been set for receiving abstracts but it should be somewhere **around January 15.**

1996 Southern Division Midyear Meeting, February 23-26, 1996 in Mobile, AL. Due date for symposium proposals is **15 August, 1995** and the due date for contributed papers is **October 15, 1995**. Two hundred word or less abstracts should be submitted to Patricia Mazik, Program Chair, SFCL, Rt. 3, Box 86, Marion, AL 36753. (334/683-6175).

Seventh Annual Florida Lake Management Society Conference, May 22-24, 1996 in Ocala Florida. Brief one page abstracts need to be submitted by **November 30th, 1995** to: The Florida Lake Management Society, c/o Mark Hoyer, University of Florida Department of Fisheries, 7922 N.W. 71 St., Gainesville, FL 32653

THE 1995 AFS ANNUAL MEETING IS ON TRACK

AFS NATIONAL MEETING NEWS

Plans for the meeting are shaping up. The program is quite extensive. Environment Protection Agency Administrator Carol M. Browner will be opening the plenary session on August 28th. Presentations by Under Secretary of Agriculture for Natural Resources and Environment James Lyons and award-winning media expert Clarence Jones will follow. Approximately 500 papers are scheduled to be presented from August 28th-31st in contributed paper sessions, symposia, and poster session. Presenters will represent all continents except for Antarctica. The 29 symposia/workshops will address topics ranging from the biology of freshwater and saltwater fishes to ecosystem management to communication and interaction with the public. *Hope to see you at the meeting!!*

Guilty feelings can still be alleviated - Feeling a little blue about the meeting because you are a Florida Chapter member and you don't feel like you've had much of a hand in the planning and implementation process of the meeting? Well throw away those emotional crutches and jump for joy! You can still help. Just stop by the AFS Staff Room at the Tampa Convention Center (TCC 1) and ask how you can volunteer. There is still plenty to do as the meeting progresses. We need people to walk the floor, assist in the spawning run, sell t-shirts, and run AV equipment. Your help will be greatly appreciated.

Fisheries Career Seminar - The AFS Education Section and the Environmental Career Center (ECC) will co-sponsor a fisheries career seminar Monday, 28 August from 3:00-5:00 at the Tampa Convention Center in rooms TCC 9 & 10. The seminar is designed to coordinate talented individuals with quality jobs. Two panels of fisheries and natural resources employers will discuss types of opportunities, career paths, "inside tips" and job search strategies that pertain to government agencies, nonprofit organizations, consulting firms, academia, and corporations. The ECC will also post over one hundred current job vacancies in fisheries, natural resources, and environmental protection. The jobs board will be located in rooms TCC 9 & 10. If you have any job openings, posting position announcements on the board would be a good way to recruit quality applicants.