



TIDEWATER CHAPTER

Southern Division - American Fisheries Society

VOLUME 4, NUMBER 4

NEWSLETTER

DECEMBER 1989

FOURTH ANNUAL MEETING

The fourth annual meeting of the Tidewater Chapter will be held in Virginia Beach, VA on Thursday, 11 January through Saturday, 13 January 1990. President-elect Ron Southwick has organized the program which includes a variety of disciplines being pursued by scientists in the tidewater area. The paper presentations will be held in the Virginia Marine Science Museum, near the oceanfront, which houses nearly 100,000 gallons of fresh and saltwater aquariums and numerous hands-on exhibits. There will be a special tour for meeting attendees of the Museum on Saturday.

PROGRAM SCHEDULE

Thursday, 11 January

- 1500 - Chapter EXCOM meeting at Clarion Resort & Conference Center (all members are welcome)
- 1930 - 2030 Registration at Clarion Resort & Conference Center
- 1930 - 2230 Get Acquainted and Unwind Reception at Clarion Resort & Conference Center

Friday, 12 January

Virginia Marine Science Museum,
717 General Booth Blvd.
(see enclosed map)

- 0830 - 0900 Registration
- 0900 - 0915 Welcome
Mac Rawls, Director, Virginia Marine Science Museum
- 0915 - 0935 **Phytoplankton Distribution in the Lower Chesapeake Bay.** Harold G. Marshall, Dept. of Biological Sciences, Old Dominion University, Norfolk, Va. 23508

0935 - 0955 ***Stock Identification of Weakfish (*Cynoscion regalis*) by Discriminant Analysis of Morphometric Characters.** Dan Scoles, Virginia Institute of Marine Science, Gloucester Point, Va. 23062

0955 - 1015 **Southeastern Rivers: An Overview.** Greg Garman and Larry Nielsen, Biology Department, Virginia Commonwealth University, Richmond, Va. 23284

1015 - 1035 **Importance of the Protein-to-Energy Ratio in Diets for Fish and Crustaceans.** Margie Gallagher, Institute for Coastal and Marine Resources, East Carolina University, Greenville, NC 27858

1035 - 1050 Coffee Break and raffle ticket drawing ^①

1050 - 1110 ***Evaluation of Food and Feeding of Northern Bluefin Tuna (*Thunnus thynnus*) and Yellowfin Tuna (*Thunnus albacares*) Off the Coast of Virginia.** Charles G. Barr, Virginia Institute of Marine Science/College of William and Mary, Gloucester Point, Va. 23062

1110 - 1130 **Genetic Structure of Smallmouth Bass (*Micropterus dolomieu*) in Virginia Coastal Rivers.** John Snyder, Greg Garman, and Robert Chapman, Biology Department, Virginia Commonwealth University, Richmond, Va. 23284

1130 - 1150 ***Aeromonas hydrophila*: Probable Cause of "Ulcerative mycosis" in the Pamlico River, NC.** Charles E. Bland, Thomas Charles, Chuck Singhas, and Edmund Stellwag. Dept. of Biology, East Carolina University, Greenville, NC 27858

1150 - 1400 Lunch and Business Meeting

1400 - 1420 **Results of Striped Bass Studies During the Moratorium in Maryland.** Rick Bradford, MD Dept. Natural Resources, Tidewater Administration C-2, Tawes State Office Bldg., Annapolis, MD. 21401

- 1420 - 1440 **Striped Bass Restoration Program in Virginia.** Dean Fowler, Dept. of Game and Inland Fisheries, Williamsburg, Va. 23185
- 1440 - 1500 **Mitochondrial DNA Variation in Striped Bass.** Bob Chapman, Chesapeake Bay Institute/Johns Hopkins University, Shady Side, Md. 20764
- 1500 - 1520 **Comparison of Striped Bass Age and Growth Structures in the Fall and Spring Pound Net Fisheries in the Rappahannock River, Va.** Bruce W. Hill, Joseph G. Loesch, and Louisirene Blumberg. Virginia Institute of Marine Science/College of William and Mary, Gloucester Point, Va. 23062
- 1520 - 1535 Coffee Break and raffle ticket drawing (2)
- 1535 - 1555 **Recapture Rates of Striped Bass Tagged in the Rappahannock River, Va.** Joseph G. Loesch, Bruce W. Hill, and Louisirene Blumberg. Virginia Institute of Marine Science/College of William and Mary, Gloucester Point, Va. 23062
- 1555 - 1615 **Age and growth of Hybrid Striped Bass in the James River, Va.** Louisirene Blumberg, Bruce W. Hill, and Joseph G. Loesch. Virginia Institute of Marine Science/College of William and Mary, Gloucester Point, Va. 23062
- 1615 - 1635 **Production of Reciprocal Hybrid Striped Bass in Virginia.** Scott H. Newton and Ephraim R. Seidman, Virginia State University, Petersburg, Va. 23803
- 1635 - 1655 ***Air Shipment of Phase 1 Hybrid Striped Bass.** Ephraim R. Seidman and Scott H. Newton, Virginia State University, Petersburg, Va. 23803

***STUDENT PAPER**

Saturday, 13 January

- 0830 - 0850 **Growth Studies on Oysters in the Chesapeake Bay.** Ken Paynter, Chesapeake Bay Institute/ Johns Hopkins University, Shady Side, Md. 20764
- 0850 - 0910 **Presence of Estriol in the Blue Crab, *Callinectes sapidus*.** Beth Sasser, Clinical Cytogenetics Laboratory, East Carolina University School of Medicine, Greenville, NC 27858

- 0910 - 0930 **U.S. Fish and Wildlife Service - Fisheries Activities in the Chesapeake Bay Area.** Bob Batky, U.S. Fish and Wildlife Service, Washington, D.C. 20240
- 0930 - 0950 **Fisheries-related Research Being Conducted by the Biological Department of Old Dominion University.** Raymond Birdsong, Dept. of Biological Sciences, Old Dominion University, Norfolk, Va. 23508
- 0950 - 1005 Coffee Break and raffle ticket drawing (3)
- 1005 - 1025 **An Overview of Water Quality and Biological Monitoring Programs in Tidewater Virginia.** Wick T. Harlan, Virginia State Water Control Board, Virginia Beach, Va. 23462
- 1025 - 1045 **Virginia Marine Resources Commission's Role in Chesapeake Bay Stock Assessments.** Virginia Marine Resources Commission, Newport News, Va. 23607
- 1045 - 1105 **Chesapeake Bay Educational Programs at the Virginia Marine Science Museum.** Lynn Clemons, Virginia Marine Science Museum, Virginia Beach, Va. 23451
- 1105 - 1120 **Presentation of Best Paper Award and Best Student Paper Award. Announcement of SILENT AUCTION Winner**
- 1120 - **Behind the Scenes Tour of Marine Science Museum**

HOTEL RESERVATIONS

A block of rooms at the Clarion Resort and Conference Center has been reserved for the Tidewater Chapter Meeting. Reservations must be made no later than 1 January 1990 to insure your accommodations.

Clarion Resort and Conference Center
501 Atlantic Avenue
Virginia Beach, Virginia 23451

Telephone No. 804-422-3186

The cost of the room per night will be \$35.00 plus 9% tax (\$38.15 per night) for 2 double beds. Two-room suites are available for \$45.00 plus tax (2 double beds and sleep sofa). For those who want to stay a few extra days, these rates still apply.

RAFFLE AND AUCTION OF ART PRINTS

During the coffee breaks on Friday and Saturday, art prints by Al Agnew will be raffled: one during each break. Tickets will be available at the registration desk. The prints are of a red fox, raccoon, and bobcat. There will also be a silent auction held during the meeting in which sealed bids will be accepted for a 1987 Missouri Trout stamp and print also done by Al Agnew. The highest bid will be announced on Saturday after the presentation of Best Paper and Best Student Paper. These prints were donated to the Chapter by Al Agnew and Cedar Creek Publishers to help the Chapter in raising funds.

FISH NOTES

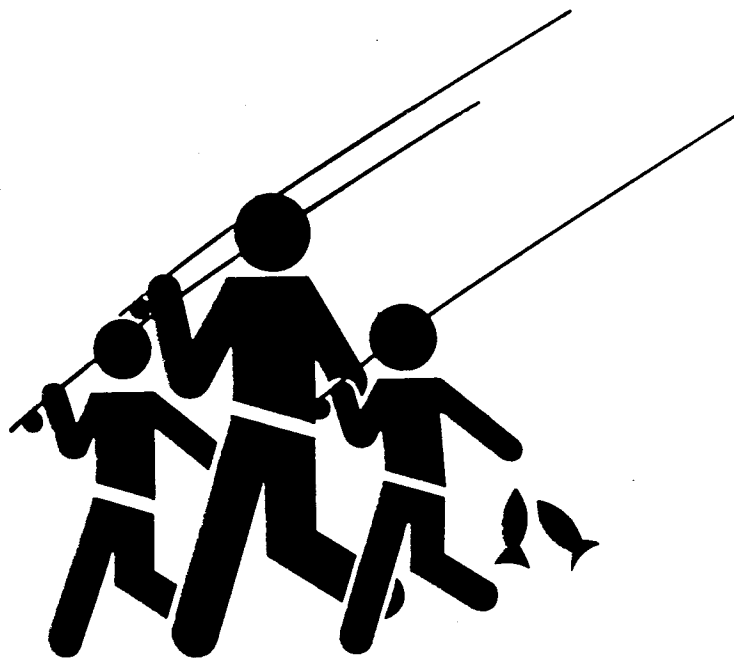
The article "Rockfish Spawn a Coastal Controversy" has spawned some debate, more debate than could appear in this newsletter. A complete discussion of this and other

news from the states will appear in the first newsletter of 1990. If anyone has newsletter items, send them to John E. Cooper, ICMR, East Carolina University, Greenville, NC 27858.

The NC Division of Marine Fisheries has calculated the Western Albemarle Sound Juvenile Abundance Index as 4.25 for 1989, a slight increase from the 1988 index of 4.09. These have been two of the highest indices since 1976. The Eastern Sound Juvenile Abundance Index was 3.65. It has typically been less than one for the five years of record.

ANNOUNCEMENT

The Cooperative North Carolina offshore striped bass tagging cruise will take place onboard the NOAA research vessel Chapman from 16 January to 25 January 1990. For more information, contact Lynn Henry, NC Division of Marine Fisheries, Elizabeth City, NC. 1-800-338-7805



FISHIN' & FRIENDS
It's Catching On

NATIONAL FISHING WEEK JUNE 4-10, 1990