

ESTUARINE RESEARCH FEDERATION

ATLANTIC ESTUARINE RESEARCH SOCIETY

NEW ENGLAND ESTUARINE RESEARCH SOCIETY



PROGRAM

PLAINVIEW, LONG ISLAND, NEW YORK

NOVEMBER 4-6, 1971

ESTUARINE RESEARCH FEDERATION

1st Meeting

AERS - 46th Meeting

NEERS - 4th Meeting

Hosted by Adelphi University
Holiday Inn, Plainview, Long Island, N. Y. 11803

November 4-6, 1971

SCHEDULE

REGISTRATION -----Nov. 4, 1600-1900 hrs.
Nov. 5, 0830-1200 hrs.
BEER BLAST -----Nov. 4, 1900-2300 hrs.
Univ. Center, Room 201, Adelphi Univ.
Nov. 5, 1900-2015 hrs.
Banquet Room, Holiday Inn.
BANQUET -----Nov. 5, 2015-
Banquet Room, Holiday Inn.

SESSIONS

Friday Morning, 0900-1200 hrs.

- 0900 Wolfe, Douglas A. Estuarine Ecosystem Research at the NOAA-NMFS Atlantic Coastal Fisheries Center, Beaufort, N. C. (20 min, 2x2 slides)
- 0925 Simon, H., A. C. Churchill, and H. W. Moeller. Investigations of the Growth of Codium fragile in Great South Bay. (15 min)
- 0945 Kerwin, James A. A Study to Determine the Abundance, Composition, and Distribution of Aquatic Vegetation in Chesapeake Bay. (20 min)
- 1005 Egan, W. G. and J. M. Cassin. Correlation of Bioluminescence and Fluorescence with Biota in the New York Bight. (15 min)

COFFEE BREAK 1025-1050 hrs.

- 1050 Foerster, John W. The Fate of Freshwater Algae Entering an Estuary. (15 min, 2x2 slides)
- 1110 Lear, Donald W., Jr., Maria O'Malley, and Susan K. Smith. Observations on Chlorophyll a as a Water Quality Management Parameter in Estuaries. (15 min)

- 1130 Burnett, J. W., and G. J. Calton. Further Studies in the Purification and Physiological Actions of Sea Nettle Nematocyst Toxin. (12 min, 2x2 slides)
- 1145 Neumann, David A., and David G. Cargo. Consumption Rates of Mnemiopsis leidyi by Chrysaora quinquecirrha under Laboratory Conditions. (10 min, 2x2 slides)

LUNCH BREAK - 1200-1330 hrs.

- 1330 Michael, Allan D. Species Distribution and Environmental Factors in a Heterogeneous Environment. (25 min, 2x2 slides)
- 1400 Kollmeyer, Ronald C. Circulation Model Basin Studies of the Niantic River, Connecticut. (30 min, movie - 16 mm.)
- 1435 Kruczynski, William L. Quantification of Food Uptake by Pea Crabs in Scallops. (10 min, 2x2 slides)

COFFEE BREAK - 1450-1515 hrs.

- 1515 Welsh, Barbara L. Exploitation of a Stressed Environment by the Grass Shrimp, Palaemonetes pugio. (20 min, 2x2 slides)
- 1540 Wildox, J. Ross. Feeding and Growth of the Sand Shrimp, Crangon septemspinosa. (15 min)
- 1600 Tinsman, Jeff, and Don Maurer. The Effect of Thermal Effluent on Oysters in Indian River Bay, Delaware. (20 min, 2x2 slides, opaque projector)
- 1625 Frenke, Kenneth, and Joseph M. Cassin. Distribution of Fecal Bacteria in New York Bight Sediments. (15 min)

BEER BLAST!!!! BANQUET

Saturday Morning - 0900-1050 hrs.

- 0900 McErlean, A. J., S. G. O'Connor, and J. A. Mihursky. A Long-Term Study of Estuarine Fish Populations. (20 min, 2x2 slides)
- 0925 O'Connor, Joseph M. Lethal Effects of Suspended Sediments Upon White Perch, Spot, and Menhaden. (15 min)
- 0945 Graham, Joseph J., Clarence W. Davis, and Stanley B. Chenoweth. Factors Affecting Larval Herring Catches along the Western Coast of the Gulf of Maine. (15 min, 3x4 slides, blackboard)

- 1005 Peters, David S. The Effect of Temperature, Salinity, and Food Availability on the Feeding and Growth of the Hog-choker, Trinectes maculatus. (15 min, 2x2 slides)

COFFEE BREAK - 1020-1050 hrs.

1050 Business Meeting

Stand-by Papers

1. Gibson, Charles I., and James S. Young. The Ballad of Boiling Baby Brevoortia or Thermally Troubled Tyrannus. (10 min, 2x2 slides)
2. Loesch, Joseph G., and Dexter S. Haven. Preliminary Estimates of Growth Functions and the Size-Age Relationship for the Hard Clam, Mercenaria mercenaria, in the Lower York River, Virginia. (10 min, 3x4 slides)
- 3.a. Terretta, Roy Tim and W. A. Van Engel. The Occurrence of Cancer irroratus in Chesapeake Bay, Virginia (During the Winter Blue Crab Dredge Fishery).
- b. Shotton, Lewis R., and P. A. Haefner, Jr. Aspects of the Biology of the Rock Crab, Cancer irroratus, in the Coastal Waters of Virginia. (15 min, 2x2 slides)
4. Smith, Kevin P., and Joseph M. Cassin. Implication of Pleasure Craft in the Sanitary Pollution of Estuarine Waters and Shellfish. (10 min)
5. Dietz, Marsha A., and K. L. Webb. An Ultrastructural Study of Strobilation in Chrysaora quinquecirrha with Special Reference to Neurosecretion. (15 min, 2x2 slides)
6. Zubkoff, Paul L., and Jeanne D. Joseph. Comparative Biochemistry of Jellyfish: Component Fatty Acids of the Total Lipids of Aurelia, Chrysaora, and Cyanea. (15 min, 2x2 slides)
7. Keck, Richard T., Robert Malouf, and Don Maurer. Setting Preferences of Larval Hard Clams, Mercenaria mercenaria. (15 min, 2x2 slides)
8. Wang, Johnson C. S. A Study of Fish Fauna in the Chesapeake and Delaware Canal in 1970. (15 min, 2x2 slides)
9. Morales-Alamo, Reinaldo, and Dexter S. Haven. Circular Mouth Shape as a Character Peculiar to the Scyphistoma of Aurelia aurita from Chesapeake Bay. (15 min, 2x2 slides)
10. Grigonis, Dave, and Paul Chanley. Effects of a Vitamin on Bivalve Larvae. (15 min)