

Spring Meeting
May 3-5, 1973 - Woods Hole, Massachusetts

Thursday, May 3

1400-2200. REGISTRATION: Marine Biological Laboratory (MBL), New Dormitory.
Parking: Please park only in back of the dormitory or in back of Loeb Building. See map sent with first announcement.
Telephone Messages: MBL switchboard, including dormitory (617)548-3705, is open 0830-1700 weekdays. The switchboard at Woods Hole Oceanographic Institution (WHOI) (617)548-1400 is manned 24 hours on all days and can contact the MBL dormitory in an emergency.

Charges: The following are payable at registration. Please make checks out to NEERS:

| | | |
|--------------------------|-------|--------------------------|
| Annual dues | | \$3.00 (students \$1.00) |
| Registration fee | | 2.00 (students \$1.00) |
| Banquet ticket | | 4.50 |
| Room (1/2 shared double) | | 7.50/night |

Problems ??? Phone (617)548-1400 -- WHOI switchboard.

1730-1830. Dinner available at MBL Dormitory, Dining Hall.

1930 on... BEER BLAST: MBL Dormitory. Terrace (hopefully).

Friday, May 4

0730-0830. Breakfast available at MBL Dormitory, Dining Hall.

0800-0900. TOUR OF WOODS HOLE LABORATORIES: Sign up at registration.

0800-0900. REGISTRATION: MBL Dormitory.

0900-1230. REGISTRATION: Redfield Auditorium, WHOI.

(Please see notes under "Registration" above).

SCIENTIFIC PAPERS: Redfield Auditorium, WHOI. H. P. Jeffries, Chairman.

0900. Zooplankton densities and light transmissinn in Long Island Sound.
R. A. Radulski, Southern Connecticut State College, New Haven.

0920. An ecological study of four species of Polysiphcna (red algae) in a New England estuary. R. A. Fralick, Jackson Estuarine Laboratory, University of New Hampshire.

0940. Recent studies on the hydrobiology of the middle St. Lawrence estuary in eastern Canada. E. L. Bousfield, National Museum of Natural Sciences, Ottawa, Canada.

1000. An E. M. study of epithelial inclusions in Eolid nudibranch molluscs.
M. P. Morse. Marine Science Institute, Northeastern University, Nahant, Mass.

1020. COFFEE ! ! !

1040. Passage of copepods through a nuclear power station on northeastern Long Island Sound. E. J. Carpenter, WHOI.
1100. The separation of zooplankton entrainment mortalities into mechanical damage, thermal stress and synergistic effects. R. W. Crippen, Ira C. Darling Center, Walpole, Maine.
1120. Intraspecific variation in an aplousobranchian from north boreal and arctic continental shelves. A. H. Scheltema, Woods Hole, Mass.
1140. Seasonal patterns of encrusting marine invertebrates in the Thames and Niantic river estuaries (Conn.). J. C. Reed, U.S. Coast Guard Academy, New London, Conn.
1200. The "Marine Flora and Fauna"....latest developments. M. R. Carriker, MBL.

1215-1330. BUFFET LUNCH. MBL Dormitory, Dining Hall.

SCIENTIFIC PAPERS: Redfield Auditorium, WHOI. M. R. Carriker, Chairman.

1330. Fungi from Spartina alterniflora in Rhode Island. R. V. Gessner, University of Rhode Island, Kingston.
1350. Nitrogen fixation by salt marsh blue-green algae. C. Van Raalte, Boston University Marine Program, MBL.
1410. Benthic community parameters in the lower Mystic River (Mass.). G. T. Rowe, P. T. Polloni and J. I. Rowe, WHOI.
1430. A seasonal survey of the fishes in the Mystic River (Mass.), a polluted estuary in downtown Boston. R. L. Haedrich and S. O. Haedrich, WHOI.
1450. COFFEE ! ! !
1510. Fatty acids in estuarine food chains. H. P. Jeffries, Graduate School of Oceanography, University of Rhode Island, Kingston.
1530. The toxicity of Mirex to the estuarine grass shrimp, Palaemonetes pugio. G. Redmann, Harvard University, Cambridge, Mass.
1550. Dredge spoil disposal in Rhode Island Sound: Effects of benthic animals. S. D. Pratt, Graduate School of Oceanography, University of Rhode Island, Kingston.
1610. Gas production in solid waste in the marine environment. A. G. Gaines, Jr., Narragansett Marine Laboratory, University of Rhode Island, Kingston.
- 1630-1650. Isolation of a copper-dependent coliphage from a sewage polluted estuary. J. M. Vaughn, University of New Hampshire and WHOI.
- 1800-1900. HAPPY HOUR. MBL Dormitory, Meigs Room. Cash bar.
- 1900-2030. BANQUET. MBL Dormitory, Dining Hall.

2030 on... SPECIAL INTEREST GROUPS. Details at registration desk.

Saturday, May 8

0730-0830. Breakfast available at MBL Dormitory, Dining Hall.

0815-0958. REGISTRATION: Redfield Auditorium, WHOI.

SCIENTIFIC PAPERS. Redfield Auditorium, WHOI. K. R. Tenore, Chairman.

0900. Size and sex ratio differences in oyster drills from Great Bay, N.H.
K. W. Turgeon and R. A. Fralick, University of New Hampshire,
Durham.

0920. Some effects of low temperature upon the mantis shrimp, Squilla
empusa Say, in Buzzards Bay. F. O'Brien, Southeastern Massa-
chusetts University, Dartmouth.

0940. Developmental adaptation in the brittle star, Amphipholis abditus.
G. L. Hendler, University of Connecticut, Storrs.

1000. COFFEE ! ! !

1020. The utilization of artificial habitats on sand substrate by the
American lobster (*Homarus americanus*). J. M. Flowers and
D. J. Sheehy, Marine Experimental Station, University of Rhode
Island, Kingston.

1040. Subaerially dissected moraines off the Kennebec River (Maine) as
markers for a post-glacial sealevel. D. Schnitker, Ira. C.
Darling Center, Walpole, Maine.

1100. Project "Dominion". R. W. Burton, Brockton High School, Mass.

1110-1200. BUSINESS MEETING.

1200-1300. Lunch available at MBL Dormitory, Dining Hall.

STANDBY PAPERS:

1. Night zooplankton sampling with buoyed and anchored nets. B. J. McAlice
and G. B. Jaeger, Ira C. Darling Center, Walpole, Maine.
2. Submerged plastic net structures for oyster propagation. K. Tung and
J. W. Zanradnik. Aquacultural Engineering laboratory, University of
Massachusetts, Wareham.
3. Bivalve veligers in the plankton of the Sheepscot River estuary. B. J.
McAlice and A. N. Mayers. Ira C. Darling Center, Walpole, Maine.
4. Seasonal changes of the Shenecosset beach profile. D. W. Smith. U. S.
Coast Guard Academy, New London, Conn.
5. Benthic community assemblages at the Woods Hole sewage outfall.
J. Driscoll, WHOI.