

New England Estuarine Research Society



FALL MEETING

October 15 - 17, 1981

Best Western Stagecoach Inn
Kittery, Maine

HOST

University of New Hampshire's
Department of Earth Sciences
Marine Program
Ocean Process Analysis Laboratory

Thursday, 15 October

1800 - 2100 Registration - Stagecoach Inn
1900 - ?? Beer Blast

Friday, 16 October

0800 - 1200 Registration - outside meeting room

- PAPER SESSION -

Moderator - Ernie Ruber, Northeastern University

0900 *Nectonema* (Nematomorpha:Nectonematoidea) a parasite of decapod
Crustacea in the Bay of Fundy.
Heather Leslie, Acadia University

0920 Notes on the temporal and spatial distribution of the
different stages of an estuarine population of *Cyanea*: A
progress report.
R.H. Brewer, Trinity College

0940 Zooplankton studies in Cornwallis River, Nova Scotia.
Gail Brown, Acadia University

1000 Problems in identifying cohorts of larval herring, *Clupea
harengus* L., in Maine estuaries and embayments.
J.J. Graham, B.J. Joule and D.W. Townsend, Maine
Department of Marine Resources and Bigelow Laboratory

1020 BREAK

1040 Zooplankton excretion: A biochemical approach.
F.D. King, Bigelow Laboratory

Friday, 16 October Continued

- 1100 Distribution and activity of bacteria in the Bay of Fundy.
Leon Cammen, Bigelow Laboratory
- 1120 Relationships between salt marsh and estuarine bacterial populations.
Richard B. Coffin and Richard P. Wright, Gordon College
- 1140 The limnology of the Annapolis River and estuary.
Anna Redden, Acadia University
- 1200 - 1330 LUNCH
- PAPER SESSION-
- Moderator - Bob Howarth, Marine Biological Laboratory
- 1330 Grass identification in gut content analysis.
Louise S. Thompson and Paul E. Fell, Connecticut College
- 1350 Salt marsh utilization by juvenile smooth flounder (*Liopsetta putrami*).
Brian Scully, Acadia University
- 1410 An initial attempt to demonstrate impact of *Fundulus heteroclitus* on salt marsh copepods in the field.
Adrian Gilbert and Ernest Ruber, Northeastern University
- 1430 Recruitment of soft-shell clams (*Mya arenaria*) on intertidal flats facing a boat channel.
Thomas Hruby, Massachusetts Audubon Society
- 1450 BREAK
- 1510 Disturbance of benthic macrofauna by storms.
J.M. Vozarik and F.C. Dobbs, Millstone Environmental Laboratory
- 1530 Effects of disturbance on a mudflat community.
Jane Arbuckle, University of Maine
- 1550 The effect of ice on estuarine populations of *Ascophyllum nodosum*.
Arthur C. Mathieson and Clayton Tenniman, University of New Hampshire
- 1610 The quantification of rocky shore furoid seaweed biomass and cover in Maine.
J. Topinka, L. Tucker and W. Korjeff, Bigelow Laboratory
- 1630 Is there more to *Ulva* than *lactuca*?
Eleanor Mariani and Charles Yarish, University of Connecticut

Friday, 16 October Continued

1730-1930	Happy Hour
1930-2100	Banquet
2100	Business Meeting
2200	Help!?!

Saturday, 17 October

-PAPER SESSION-

Moderator - Luana Read, Normandeau Associates, Inc.

0900 Seasonal variations in hematology of the windowpane flounder, *Scophthalmus aquosus*, at three stations in Long Island Sound, USA.

Margaret A. Dawson, National Marine Fisheries Service

0920 Histopathology of winter flounder (*Pseudopleuronectes americanus*) livers from Plymouth Harbor and Boston Harbor, Massachusetts.

Robert E. Hillman, Battelle New England Marine Research Laboratory

0940 Mariculture methods for the bay scallop, *Argopecten irradians* using suspended net enclosures.

Edwin W. Rhodes, National Marine Fisheries Service

1000 A rapid method for estimating suspended solids loads.

Robert Nuzzi, Suffolk County Department of Health Services

1020 BREAK

1040 Dynamics of advective-diffusive effects in sediments for the time dependent flux inputs.

Charles B. Officer and Daniel R. Lynch, Dartmouth College

1100 Dissolved organic carbon in anoxic pore waters from Great Bay, New Hampshire.

William F. Orem and Henri E. Gaudette, University of New Hampshire

1120 Sediment surface area: An important parameter in mudflat ecology.

William F. Guerin and Larry Mayer, University of New Hampshire and University of Maine

1140 Spring turnover in the sediments of Great Bay estuary, New Hampshire.

Mark E. Hines, Galen E. Jones and William H. Orem, University of New Hampshire

Saturday, 17 October Continued

1200 Eelgrass, *Zostera marina*, and its sediment nitrogen resources.
Frederick Short, Bristol, New Hampshire

NOTE: Out-of-pocket papers will be gratefully accepted if *anyone* has
to cancel.

POSTER SESSION

Elucidation of thermotemporal ecology by electronic shuttlebox
techniques.

William W. Reynolds and Martha E. Casterlin, BioThermal
Research Institute

NOTE: Additional poster presentations can be accommodated - just show up
with it and find Mark Hines.

Accommodations: The Stagecoach Inn is reserving a block of rooms
for us until September 30 after which reservations will be dependent
upon availability. Rates are \$25 single and \$30 double, plus 5% tax.
Please make your reservations directly with the Inn (207-439-5555).

Other accommodations in the area include: Charter House Motor
Hotel, Interstate Highway, Kittery, Maine (207-439-2000); Holiday Inn,
Woodbury Ave., Portsmouth, New Hampshire (603-431-8000); Howard
Johnson's Motor Lodge, Interstate Traffic Circle, Portsmouth, New
Hampshire (603-436-7600); and Portsmouth Inn, 383 Woodbury Ave.,
Portsmouth, New Hampshire (603-431-2500). These places are more
expensive, so be sure to register early at the Stagecoach Inn.

Banquet: The traditional banquet will be held Friday evening at 1930
hours. It will be preceded by a cocktail hour and followed by the
business meeting. You will have a choice of Roast Beef au Jus or Baked
Stuffed Sole and the price will be \$9.75 including tax and tip.

Membership List: The new membership list is enclosed. Please check
your address and update it with the Secretary-Treasurer if necessary. If
you are like most NEERS members you don't get very much mail, so you could
at least have the correct address on the little you do get!

Tours: On Saturday after adjournment there will be an open house at
UNH's Jackson Estuarine Laboratory. Mark Hines will provide local color
and a guided tour beginning at 1230-1300. Please sign up at the
registration desk or see Mark.

Sometime during the meeting a tour through Normandeau Associates,
Inc's Piscataqua Marine Laboratory will be arranged. Check at the
registration desk or see Luana Read.