

PROGRAM FOR THE FALL NEERS MEETING

20-22 OCTOBER 1988

YANKEE PEDLAR INN  
HOLYOKE, MASSACHUSETTS

HOSTED BY

FIVE COLLEGE MARINE SCIENCES CONSORTIUM

Thursday, 20 October

1900-2100 Registration Yankee Pedlar Inn

1900-Sunrise. Beer Blast, *ibid.*

Music by Tex Ruber and the Houston Gastros.

Spontaneous demonstrations in support of candidates  
for office.

Friday, 21 October 0830-1200

Registration

0855 Welcome - Paulette Peckol

PAPER SESSION I

A league and a league of marsh grass...

Chair: Paulette Peckol

0900 Pan formation at Barnstable Marsh, Massachusetts. John B. Reid,  
Jr., Hampshire College, FCMSC

0920 Effects of N-enrichment on seaweed growth and production in  
Waquoit Bay, Massachusetts. B. DeMeo-Anderson and P. Peckol.  
Smith College, FCMSC.

\*0940 Hydrologic and nutrient flux comparison of Spartina patens and  
panne zones of Bass Beach Marsh, North Hampton, New Hampshire.  
C. P. Pyott, University of New Hampshire.

1000 Break

1030 The effects of Uca pugnax burrowing on Spartina alterniflora  
production: are previous result typical? E. Butler, Hampshire  
College, and D. Hersh and I. Valiela, Boston University Marine  
Program, FCMSC.

\*1050 Nitrate reductase activity in eelgrass (Zostera marina) as a  
potential indicator of groundwater input of nitrate. Christine M.  
Maier, Vassar College.

1110 Some effects of major coastal storms on the development of two  
tidal salt marshes in southern New England: historic vegetation  
changes. R.A. Orson, Rutgers University.

1130 Amorphous detritus: a poorly studied food source for coastal consumers. C. D'Avanzo, Hampshire College, and M. Alber and I. Valiela, Boston University Marine Program, FCMSC.

1150-1330 Consumption of morphous detritus and catalytic fluids as a social activity in Homo aestuarii.

PAPER SESSION II

...each scene a different dish.

Chair: Charlene D'Avanzo

1330 EPA study of Quincy Bay contamination. Katrina Kipp, U.S. Environmental Protection Agency.

\*1350 Lead deposition in the shells of Mya arenaria. L.P. Pitts, University of Massachusetts, Boston.

1410 Impacts of tidal inlet formation on a bar-built estuary. J.T. Liu, G.S. Giese, and D.G. Aubrey, Woods Hole Oceanographic Institution.

1430 Break

1500 Clinal variation in lateral plate phenotype in the blackspotted stickleback, Gasterosteus wheatlandi. S. G. Ayvazian, University of Massachusetts, Amherst, FCMSC.

\*1520 Distribution and productivity of juvenile winter flounder (Pseudopleuronectes americanus) in Waquoit Bay. S.E. Saucerman, University of Massachusetts, Amherst, FCMSC.

1540 The development and use of a multiple probe in situ oxygen sensor. F.C. Eller and B.L. Welsh, University of Connecticut.

1600 Business Meeting

1900 Banquet

\* Designate candidates for the Ketchum Prize. The Ketchum Prize will be awarded over coffee.

Saturday, 22 October

PAPER SESSION III

Chair: Linda A. Deegan

#!0900 Distribution and abundance of the mud snail Ilyanassa obsoleta in overwintering intertidal clusters at Back Cove (Portland, Maine). M. Mazurkiewicz, University of Southern Maine.

0920 Summertime hypoxia in Long Island Sound. B.L. Welsh and C. Eller, University of Connecticut.

0940 Advection, diffusion, and plankton profusion: speculations on retention. Bernie McAlice, University of Maine, and Gil Jaeger, Dodge Cove Marine Farm.

+1000 Water column stability and nutrient-plankton dynamics in western Massachusetts Bay during spring and summer periods. T. C. Loder, University of New Hampshire and T. J. Smayda, University of Rhode Island.

1020 Break

1040 Shellfish resource degradation as a function of land use practices. S. L. Macfarlane, Town of Orleans.

1100 Albino red mangrove (Rhizophora mangle) seedlings in saline and hypersaline waters of San Salvador Islands: a new discovery-Mendel's laws are alive and well. P.J. Godfrey and E. J. Klekowski, University of Massachusetts, University of Massachusetts, Amherst, FCMSC.

1120 Opportunity knocks.

Because we rejected several papers whose contents were felt to be unseemly, we have a block of time here in which out-of-pocket papers can be presented. Please see the session chairman if you bring such an offering.

POSTER SESSION

Foraminiferal zonation and development of a New England saltmarsh. D. K. Scott and R. Mark Leckie, Department of Geology, University of Massachusetts, Amherst, FCMSC

#! Nominated for the Alexander Graham Kowalski Award.

+ T. C. Loder complained, mildly, about being the very first speaker on Friday morning at the MBL meeting. Is this better, Ted?