

New England Estuarine Research Society



SPRING MEETING

24-26 April 1986

HOWARD JOHNSON'S MOTOR LODGE
1052 Boston Post Road
Milford, Connecticut 06460

Hosted by

The University of Bridgeport
Bridgeport, Connecticut 06601

PROGRAM

Thursday, 24 April

0830-1800 LONG ISLAND SOUND SYMPOSIUM, Howard Johnson's Motor Lodge,
program attached.

1900-2200 REGISTRATION AND ESTUARINE RECEPTION, Tower Room, Arts &
Humanities Building, University of Bridgeport. Directions
attached.

Friday, 25 April

0830-1200 **REGISTRATION** & POSTER SET-UP, Howard Johnson's Motor Lodge

0855 Welcome - Dr. Edwin Eigel, Provost, University of
Bridgeport

PAPER SESSION I

Moderator: Stephen T. Tettlebach

0900 - *Boothman, Warren S. and James L. Fasching, Science
Applications International Corp., c/o U.S. EPA, Environmental
Research Laboratory, Narragansett, RI 02882

CHARACTERIZATION OF TRACE METAL ASSOCIATIONS WITH
POLLUTED MARINE SEDIMENTS BY SELECTIVE EXTRACTIONS

0920 - Jackson, Susan, Graduate School of Oceanography, University of
Rhode Island, Narragansett, RI 02882-1197

PARTICULATE CARBON AND TRACE METAL ASSOCIATIONS IN
MESOCOSM EXPERIMENTS

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- 0940 - Zdanowicz, V.S., National Marine Fisheries Service, Sandy Hook, NJ 07732
MAJOR AND TRACE ELEMENTS IN SEDIMENTS OF NORTHEASTERN US ESTUARIES
- 1000 - *Urso, S. Bricker, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882-1197 THE HISTORY OF METAL POLLUTION IN THE PROVIDENCE RIVER AND NARRAGANSETT BAY AS RECORDED IN MARSH SEDIMENTS
- 1020 - COFFEE BREAK
- 1040 - °Shevenell, T.C. and F.E. Anderson, Department of Earth Sciences, University of New Hampshire, Durham, NH 03824
RAIN AND INTERTIDAL SEDIMENT RESUSPENSION
- 1100 - *Plugge, J.S., Cadet 1/c, U.S. Coast Guard Academy, New London, CT 06320
CALIBRATION OF REMOTELY SENSED SEA SURFACE TEMPERATURE DATA
- 1120 - *Christian, M.B., Cadet 1/c, U.S. Coast Guard Academy, New London, CT 06320
OBSERVATION OF NORTH ATLANTIC CURRENTS USING TIROS OCEANOGRAPHIC DRIFTERS
- 1140 - *Merrill, C.L., Boston University Marine Program, Marine Biological Laboratory, Woods Hole, MA 02543
EFFECTS OF CHEMICAL POLLUTANTS ON THE BEHAVIOR OF A MARINE SNAIL
- 1200 - LUNCH BREAK

POSTER SESSION

1300 - 1400

Franz, D.R., Biology Department, Brooklyn College, CUNY, Brooklyn, NY 11210

SPECIES DIVERSITY OF INVERTEBRATE MACROBENTHOS IN JAMAICA BAY, NEW YORK CITY - AN URBAN ESTUARY

Cristini, A., E. Saiff, and M. Schneider, Ramapo College of New Jersey, Mahwah, NJ.

THE REPRODUCTIVE CYCLE OF MYA ARENARIA FROM LONG ISLAND SOUND AND RARITAN BAY

McAlicie, B.J., Ira C. Darling Center, University of Maine, Walpole, ME

THE MONSTRILLA MENACE

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PAPER SESSION II

Moderator: Ronald Goldberg, National Marine
Fisheries Service Laboratory, Milford, CT.

- 1400 -*Tettlebach, S.T., Marine Research Laboratory, University
of Connecticut, Noank, CT
CRABS VS. BAY SCALLOPS: EFFECTS OF PREDATOR AND PREY
SIZE ON FEEDING RATES AND PREDATORY BEHAVIOR
- 1420 - Podniesinski, G.S. and B.J. McAlice, Ira C. Darling Center,
University of Maine, Walpole, ME
SEASONALITY OF BLUE MUSSEL LARVAE (MYTILUS EDULIS L.)
IN THE DAMARISCOTTA RIVER ESTUARY, MAINE, 1969-1977
- 1440 - McAlice, B.J., Ira C. Darling Center, University of Maine,
Walpole, ME
SPECULATION: THE MAINE DIATOM FAILURE IN THE SPRING
OF 1985
- 1500 - *Podniesinski, G.S., Ira C. Darling Center, University of
Maine, Walpole, ME
SHORT-TERM AND LONG-TERM SETTLEMENT OF LARVAL AND
JUVENILE MYTILUS EDULIS L.
- 1520 - COFFEE BREAK
- 1540 - (cancelled)
- 1600 -*Kelly, Shannon, University of Connecticut, Marine Science
Institute, Noank, CT
SOME INTERESTING ASPECTS OF PEA CRAB LIFE HISTORY
- 1620 - Schubel, J.R., Marine Sciences Research Center, State
University of New York, Stony Brook, NY
THE NEW ERF
- 1650 - BUSINESS MEETING
- 1900 - BANQUET

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PAPER SESSION II

Moderator: Lisa P. Tettelbach, National Marine Fisheries Service, Milford

- 0900 - Berounsky, Veronica M. and Scott W. Nixon, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882-1197
RATES OF NITRIFICATION ALONG AN URBAN ESTUARY AND AN EXAMINATION WITH RESPECT TO ENVIRONMENTAL PARAMETERS
- 0920 - Boucher, Joceline, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882-1197
REMINERALIZATION OF BIOGENIC SILICA IN MERL MESOCOSMS
- 0940 - Chinman, R.A., Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882-1197
PHOSPHATE FLUX IN AN OXIC=ANOXIC ESTUARINE MICROCOSM
- 1000 - Giblin, Ann E., The Ecosystems Center, Marine Biological Laboratory, Woods Hole, MA 02543
PYRITE FORMATION IN SALT MARSH SEDIMENTS
- 1020 - COFFEE BREAK
- 1040 - Auster, Peter J., National Undersea Research Program, University of Connecticut, Avery Point, CT
RESPONSE OF MEGAFANAL PREDATORS TO SYNCHRONOUS SETTLEMENT OF SESSILE PREY
- 1100 - Hughes, Jeff E., Graduate School of Oceanography, University of Rhode Island, Narragansett, RI 02882-1197
BIOGENIC SEDIMENT HABITAT MODIFICATION: CONVEYOR BELTS, CEMENT, AND COMMUNITY DEVELOPMENT
- 1120 - Bireley, Linda E., John A. Castleman, and Dorothy B. Haggen, Northeast Utilities Environmental Laboratory, Waterford, CT
AN UNUSUAL DECLINE OF ICHTHYOPLANKTON ABUNDANCE IN EASTERN LONG ISLAND SOUND DURING THE SUMMER OF 1984
- 1140 - Wiltse, Wendy, Michael Connor and Katrina Kipp, U.S. Environmental Protection Agency, Region I, Boston, MA EPA
REGIONAL BAYS PROGRAM: BUZZARDS BAY, NARRAGANSETT BAY, AND LONG ISLAND SOUND

1230 - MEETING ADJOURNED