

NEW ENGLAND ESTUARINE RESEARCH SOCIETY



NEW ENGLAND ESTUARINE RESEARCH SOCIETY

SPRING MEETING 1999

Oak Island Inn, Western Shore, Nova Scotia

Thursday 20 May

Arrival of those travelling by Ferry from Portland to Yarmouth at 9:00 EST. Bus provided, travel time of approximately 2.5 hours. Cost will be \$50.00 US for return trip. Return will be Sunday 23 May at 8:00 a.m. from Oak Island Inn. Persons taking bus please contact Mike Brylinsky at Acadia University by 17 **May**. Mike is at (902) 585-1509 or email: mike.brylinsky@acadiu.ca

AGENDA

(The Mighty Mike's Meeting)

Thursday 20 May

1900-2100 Meeting Registration and Reception, Oak Island Inn

Friday 21 May

830-1130 Meeting Registration, Oak Island Inn

0900 Scott Warren, NEERS President, Connecticut College
WELCOMING REMARKS, Mahone Room

Contributed paper session, Mahone Room, Mike Mazurkewicz, CONVENOR

(K indicates Ketchum Prize and R indicates Rankin Prize candidates)

0910 Michael Dadswell and Duncan Bates, Acadia University
INTRODUCTION TO MAHONE BAY: A HIGH SALINITY, FJORD-LIKE
ESTUARY

0930 Andrew Bauder, Allen Cembella and Nancy Lewis, Institute of Marine Bioscience
STRATEGIES FOR HARMFUL PLANKTON MONITORING IN MAHONE BAY,
NOVA SCOTIA

0950 David W. Townsend, Neal R. Pettigrew, Andrew C. Thomas, University of Maine, and
Maureen D. Keller, Bigelow Laboratory for Ocean Sciences
COASTAL AND OFFSHORE DISTRIBUTIONS OF *Alexandrium sp* (THE RED TIDE
DINOFLAGELLATE) IN THE GULF OF MAINE AND BAY OF FUNDY

1010 **BREAK**

- 1040 Larry T. Spencer, Plymouth State College
THE R/V ALBATROSS: HOW ITS USAGE CONTRIBUTED TO THE GROWTH OF
THE MARINE SCIENCES IN THE UNITED STATES
- 1100 (K) Joanne C. Bintz, Scott W. Nixon and Stephen Granger, University of Rhode Island
PHOTOSYNTHETIC RESPONSE OF EELGRASS (*Zostera marina* L.) SEEDLINGS
TO REDUCED LIGHT.
- 1120 (K) Douglas Hodum, University of Maine
THE EPIC SAGA OF MUD, INVERTEBRATES AND ENGINEERING
STRUCTURES — WHAT IS THE CONCLUSION?
- 1140 **BREAK FOR LUNCH**

Contributed Paper Session, Michael Stokesbury, Convenor
- 1330 (K) Pamela A. Morgan and Frederick T. Short, University of New Hampshire
FUNCTIONS AND VALUES OF FRINGING SALT MARSHES IN NORTHERN
NEW ENGLAND
- 1350 (R) Michael Stokesbury and Gilles LaCroix, St. Andrews Biological Station
AQUACULTURE IMPACTS: DIFFERENTIAL MARINE SURVIVAL OF WILD AND
CULTURED ATLANTIC SALMON
- 1410 (K) Lenny Bellet and Scott Warren, Connecticut College
THE IMPACT OF INCREASED FLOODING FREQUENCIES ON SEDIMENT
BIOGEOCHEMISTRY AND VEGETATION PATTERNS ON CONNECTICUT
TIDAL MARSHES
- 1430 **Break and Poster Session** (D indicates Dean Prize Candidate)

(D) Jeffrey Gaeckle and F.T. Short, University of New Hampshire
COMPARISON OF FISH ASSEMBLAGES IN TRANSPLANT VS REFERENCE
EELGRASS BEDS

Joan L. Beskenis, University of New Hampshire
DOES THE BIOFILM ON THE SURFACE OF FUCOID GERMLINGS AND
SURROUNDING SURFACES PROTECT THEM FROM METAL TOXICITY

W. G. Ambrose Jr., S. Arnold, D. Smart, L. Wacker, Bates College
EFFECT OF BAITWORM DIGGING ON THE SOFT-SHELL CLAM IN MAINE

Carol Pesch, US EPA, Walt Disney, and Willy Wonka
MAKING NEW BEDFORD HARBOR A SUPERFUN SITE: CONVERTING ICKY,
OOZY STUFF TO ENTERTAINMENT RESOURCES

Ivan Valiela and Ivan Valiela, Boston University Marine Program
CONTRIBUTION OF INCREASED BIRD ABUNDANCE TO AERIAL DEPOSITION
OF NITROGEN ON CAPE COD
- 1510 (K) Kenneth Raposa, Charles Roman, and Susan Adamowicz, University of Rhode Island
EARLY ECOLOGICAL REPOSSESSES AND RESTORATION OF A TIDALLY RESTRICTED
SALT MARSH (SACHUEST POINT, RI)

1530 (R) Alison Biddle and R. Scott Warren, Connecticut College
SEA-LEVEL MARSH SURFACE MICRORELIEF AND VEGETATION: 25 YEARS
OF CHANGE ON A LONG ISLAND SOUND SALT MARSH

1900 NEERS AWARDS BANQUET, Main Dining Room, Oak Island Inn
DANCING ON THE SHORES OF MAHONE BAY

Saturday 22 May,

0800-930 Hair-of-the-dog breakfasts?

Contributed Papers Session, Michael Dadswell, CONVENOR

0930 Vic Pyle, Save the Sound Ind.
THE ERF-RAE PARTNERSHIP FOR ESTUARINE HABITAT RESTORATION

0950 B.S. Koppl, F.T. Short, University of New Hampshire and R.C. Davis, Alliance for
Chesapeake Bay
TRANSPLANTING EELGRASS (*Zostera marina L.*) WITH REMOTE FRAMES: A
LOW-COST AND EFFECTIVE HABITAT RESTORATION METHOD

1010 Robert Buchsbaum, Mass. Audubon Soc., John Catena and Eric Hutchins, NMFS, Dave
Burdick, UNH and Eric Holt, Mass. Audubon Soc.
FISH IN DEGRATED SALT MARSHES IN THE PLUM ISLAND SOUND REGION:
IMPLICATIONS FOR RESTORATION

1030 **Break**

1050 David M. Burdick and Alison Bowden, University of New Hampshire
ENHANCEMENT OF SALT MARSH REESTABLISHMENT TO IMPROVE
HABITAT AND WATER QUALITY

1110 Theresa A. Theodose, University of Southern Maine
NUTRIENT AVAILABILITY, NUTRIENT LIMITATION, AND SPECIES
DIVERSITY IN SALT MARSH FORB COMMUNITIES

1130 Scott Warren, NEERS President, Connecticut College
CLOSING REMARKS

1200-1900 COOKOUT ON CLAY ISLAND

1900-onward DANCING AT OAK ISLAND INN

Sunday 23 May

0800 Departure for Ferry