

Symposium Honoring J. Frederick Grassle

November 20, 2008 – Alampi Room, Institute of Marine & Coastal Sciences, Rutgers University, 71 Dudley Road, New Brunswick, NJ 08901-8521

- 8:30 – 8:35 am Welcome – Rich Lutz, Center for Deep-Sea Ecology and Biotechnology, Rutgers University
- 8:35 – 8:45 am Opening Remarks – Robert Goodman, Dean School of Environmental and Biological Sciences Rutgers University
- 8:45 – 8:55 am Kathy Crane, Office of Naval Research
“Early Hydrothermal Vent Work”
- 8:55 – 9:15 am Emory Kristof, National Geographic Society
“Discovery of Hot Water Vents”
- 9:15 – 9:30 am Sylvia Earle, Executive Director, Defying Ocean’s End
“Reflections”
- 9:30 – 9:45 am Cindy Van Dover, Director, Duke University Marine Laboratory
“Moiling for Gold at Deep-Sea Hydrothermal Vents: Do We Know What is at Risk?”
- 10:30 – 10:45 am Angelika Brandt, University of Hamburg, Germany
“Reflections of Fred” and “Biodiversity and Biogeography of the Southern Ocean Deep Sea”
- 10:45 – 10:55 am Dudley Foster, Woods Hole Oceanographic Institution
“Reflections of Fred”
- 10:55 – 11:10 am Paul Snelgrove, Memorial University of Newfoundland, Canada
“A Mosaic of Diverse Ideas: The Ecological Legacy of J.F. (Fred) Grassle”
- 11:10 – 11:20 am Bob Aller, State University of New York at Stony Brook
“Reflections - Panama Basin Adventures and Alvin Dives”
- 11:20 – 11:35 am Jeff Levinton. State University of NY at Stony Brook
“The Evolutionary History of Geographic Overlap in a Widespread Group Across the World Tropics”
- 11:35 – 11:55 am John Delaney, University of Washington
“The Leading Edge of an Environmental Renaissance: Remote Interactive Oceanography from Anywhere on Earth”

- 1:00 – 1:15 pm Ken Halanych, Auburn University
“The Evolution of Siboglinid Annelids”
- 1:15 – 1:30 pm Myriam Sibuet, IFREMER, Brest, France
“New Perception of Deep Continental Margin Ecosystems”
- 1:30 – 1:35 pm George Hampson, Woods Hole Oceanographic Institution
“Reflections of Fred”
- 1:35 – 1:50 pm Philippe Bouchet, Museum National D’Histoire Naturelle (MNHN), Paris, France
“An Inordinate Fondness for Turrids”
- 1:50 – 1:55 pm Andy Solow, Woods Hole Oceanographic Institution
“Reflections of Fred”
- 1:55 – 2:10 pm Woolcott Smith, Temple University
“A Confidence Interval for Species Richness”
- 2:10 – 2:15 pm Norb Psuty, Institute of Marine and Coastal Sciences, Rutgers University
“Reflections of Fred”
- 2:15 – 2:30 pm Gil Rowe, Texas A & M University
“Reflections of Fred” and
“Deep Ocean Gradients and Their Effects on Faunal Distribution”
- 2:30 – 2:45pm Vivianne Solis-Weiss, [Instituto de Ciencias del Mar y Limnologia](#) (UNAM), Mexico City, Mexico
“The DEEPSEE Submersible as a Tool for Research in Difficult Bottoms at Intermediate Depths”
- 3:30 – 3:45 pm Gene Gallagher, University of Massachusetts
“Unified Geometric Models of Biodiversity: Rarefaction, NESS, CNESS and Canonical Ordination”
- 3:45 – 4:00 pm Ann Bucklin, University of Connecticut
“Benthic Origins and Pelagic Invasions: A Molecular Phylogeny of Calanoid Copepods Cast in the Geological and Environmental History of the Oceans”
- 4:00 – 4:15 pm Edward Vanden Berghe, Rutgers University
“Reflections of Fred and the Ocean Biogeographic Information System”

- 4:15 – 4:20 pm Chris von Alt, Hydroid, Inc., Falmouth, MA
“What it is Like to Work with a Pro (in 5 Minutes)”
- 4:20 – 4:35 pm Brigitte Ebbe, Deutsches Zentrum für Marine
Biodiversitätsforschung (DZMB), Bonn, Germany
“Three Decades of Deep-Sea Polychate Research: A Descent
From the Continental Slope to the Abyss”
- 4:35 – 4:40 pm Jesse Ausubel, Director, Alfred P. Sloan Foundation
“Reflections”
- 5:00 – 6:30 Remarks, Richard McCormick, President, Rutgers University

Remarks, Philip Furmanski, Executive Vice President for
Academic Affairs, Rutgers University
- November 21, 2008
- 8:30 – 8:40 am Opening Remarks, Jim Miller, Chair, Department of Marine and
Coastal Sciences, Rutgers University
- 8:40 – 8:55 am Ron O’Dor, Dalhousie University, Nova Scotia, Canada
“A One Ocean Model of Biodiversity
- 8:55 – 9:00 am Larry Madin, Executive Vice President and Director of Research,
Woods Hole Oceanographic Institution
“Reflections”
- 9:00 – 9:15 am Dana Yoerger, Woods Hole Oceanographic Institution
“Reflections” and “Hydrothermal Vent Discovery and Exploration
with Autonomous Underwater Vehicles”
- 9:25 – 9:40 am George Luther, University of Delaware
“Time Series Chemical and Temperature Habitat Characterization
at Diffuse Flow Hydrothermal Sites at 9°50’ N EPR”
- 9:40 – 9:50 am Mike DeLuca, Senior Associate Director, Institute of Marine and
Coastal Sciences, Rutgers University
“Reflections of Fred”
- 10:30 – 10:45 am Lauren Mullineaux, Woods Hole Oceanographic Institution
“The Influence of Larval Supply on Recolonization of Deep-Sea
Hydrothermal Vents Following Catastrophic Disturbance”

- 10:45 – 11:00 am Karen Stocks, Scripps Institute of Oceanography
“Bringing Together an Ocean of Information: A New Data Integration Approach for Marine Ecology”
- 11:10 – 11:25 am Peter Rona, Rutgers University
“*Paleodictyon*, A Living Fossil on the Deep Sea Floor”
- 11:25 – 11:40 am Bob Vrijenhoek, Monterey Bay Aquarium Research Institute
“Assessing Deep Sea Biodiversity: Cryptic Species, Phenotypic Plasticity, Complex Life Histories and the Benefit of Molecular Markers”
- 11:40 – 11:55 am Jeremy Collie, University of Rhode Island
“Colonization of Gravel Habitats on Georges Bank”
- 11:55 – 12:10 am Cheryl Ann Zimmer, University of California
“Bottom Up Transport of Near Bed Zooplankton on the Continental Slope”
- 12:10 - 12:15 Francoise Gaill, CNRS, Paris, France
“Reflections”
- 12:15 – 12:30 Jim Blake, ENSR, Marine and Coastal Center, Woods Hole, Massachusetts
“Long-Term Monitoring at the San Francisco Deep-Ocean Dredged Material Disposal Site”