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 Woollcott 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 – 2:45 pm 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  

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