Dispersal of Marine Organisms
Organized by Sara M. Lindsay and Vicki Martin

Dispersal of Marine Organisms and the Grand Challenges in Biology: An Introduction to the Symposium
Sara M. Lindsay

Dispersal in Marine Organisms without a Pelagic Larval Phase
Judith E. Winston

Biomechanics of Larval Morphology Affect Swimming: Insights from the Sand Dollars Dendraster excentricus
Kun Yu Karen Chan

Effects of Capability for Dispersal on the Evolution of Diversity in Antarctic Benthos
Sven Thatje

Dispersal of Deep-Sea Larvae from the Intra-American Seas: Simulations of Trajectories using Ocean Models
Craig M. Young, Ruoying He, Richard B. Emlet, Yinlin Li, Hui Qiong, Shawn M. Arellano, Ahna Van Gaest, Kathleen C. Bennett, Maya Van Tracy, I. Smart and Mary E. Rice

Sipunculan Larvae and "Cosmopolitan" Species
Anja Schulze, Anastassya Maiorova, Laura E. Timm and Mary E. Rice

What Controls Connectivity? An Empirical, Multi-Species Approach
Paola C. López-Duarte, Henry S. Carson, Geoffrey S. Cook, F. Joel Fodrie, Bonnie J. Becker, Claudio DiBacco and Lisa A. Levin

Reproductive Output and Duration of the Pelagic Larval Stage Determine Seascape-Wide Connectivity of Marine Populations
Eric A. Treml, Jason J. Roberts, Yi Chao, Patrick N. Halpin, Hugh P. Possingham and Cynthia Ríguez

Natural Selection, Larval Dispersal, and the Geography of Phenotype in the Sea
Erik E. Sosk

Book Reviews
Darwin’s Devices: What Evolving Robots Can Teach Us about the History of Life and the Future of Technology: John Long
Reviewed by Frank E. Fish

Epigenetics: Linking Genotype and Phenotype in Development and Evolution: Benedikt Hallgrímsson and Brian K. Hall, editors
Reviewed by Christine L. Richards

Integrative Comparative Biology
Volume 52 Number 4 October 2012
www.icb.oxfordjournals.org