

ological composition and richness of most of the Earth's major ecosystems
dramatically and irreversibly transformed by anthropogenic activity. Yet,
the vast areal extent of our oceans, the mainstay of research to date in the
diversity–ecosystem functioning arena has been weighted towards ecological
comparisons and experimentation in terrestrial plant and soil systems. This
book provides a framework for extending these concepts to a variety of marine

Biodiversity and Ecosystem Functioning is the first book to address
recent advances in biodiversity–function science using marine examples. It
brings together contributions from the leading scientists in the field to provide
both evaluation of the science, before offering a perspective on future
research directions for some of the most pressing environmental issues facing
the world today and in the future. This graduate level text is suitable for students,
academic researchers, and practitioners in the fields of marine ecology,
marine invertebrate biology, and marine resource management.

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