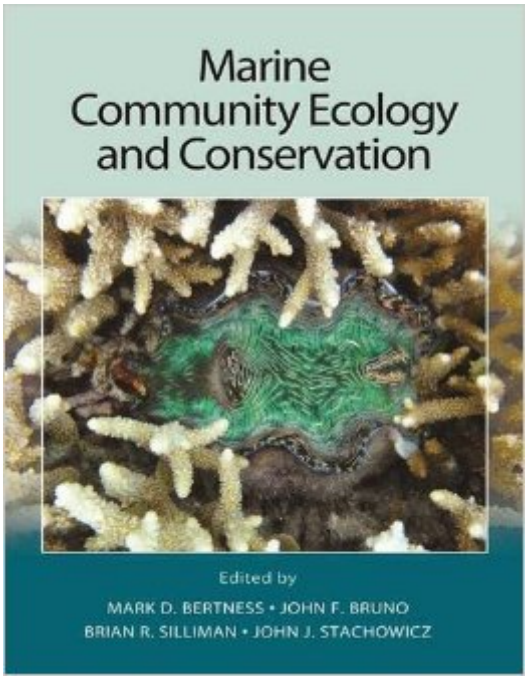
Marine Community Ecology And Conservation



Synopsis

Focusing on advancements over the last decade, this book gives advanced undergraduate and graduate students a current overview of what is known about the structure and organisation of the assemblages of organisms that live on the sea floor, with each chapter written by leading researchers.

Book Information

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Customer Reviews

I've been teaching marine biology for over 20 years. During that time I relied on Marine Biology: An Ecological Approach by Nybakken, and then by Nybakken and Bertness as the textbook for my upper division course.A careful review of currently available marine biology textbooks revealed that the vast majority of them are written for either non-major general ed classes or for lower division classes for majors. They do a good job for what they are designed to do, but I need a different kind of textbook for the class I teach - it's an upper division course in marine biology, focusing primarily on community ecology. The latest edition of Nybakken's book was published in 2004, and is now out of print. In addition to that book being a decade old, there have been huge advances in our understanding of the roles the ocean plays in our global climate. I planned to include some of that information in my course.I had just about reached the conclusion that I needed to start generating my own sets of readings for my students when I came across Marine Community Ecology and Conservation, by Bertness, et al..This book has what I think I need. It is divided into three sections. The first section introduces students to basic principles of marine science, including physical

processes, species dispersal, infectious diseases, marine ecosystem functioning, marine biogeography, and a quick overview of a history of marine ecology . The second section provides introductions to the ecology of 9 marine communities.

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