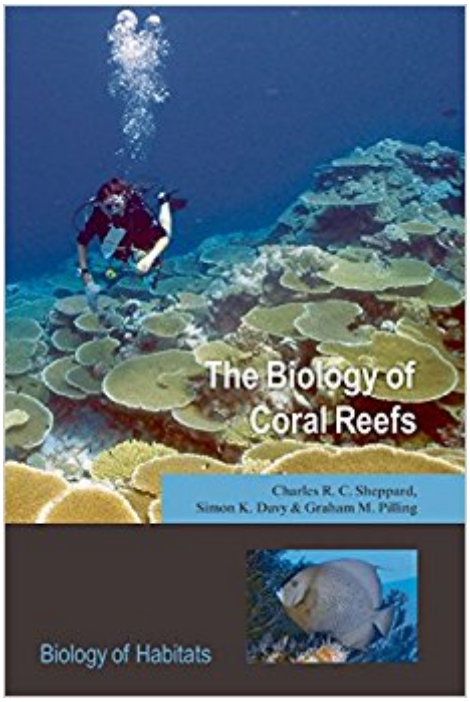
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The Biology Of Coral Reefs (Biology Of Habitats)



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Synopsis

Coral reefs represent the most spectacular and diverse marine ecosystem on the planet as well as a critical source of income for millions of people. However, the combined effects of human activity have led to a rapid decline in the health of reefs worldwide, with many now facing complete destruction.This timely book provides an integrated overview of the function, physiology, ecology, and behaviour of coral reef organisms. Each chapter is enriched with a selection of 'boxes' on specific aspects written by internationally recognised experts. As with other books in the Biology of Habitats Series, the emphasis in this book is on the organisms that dominate this marine environment although pollution, conservation, climate change, and experimental aspects are also included. Indeed,particular emphasis is placed on conservation and management due to the habitat's critically endangered status. A global range of examples is employed which gives the book international relevance.This accessible text is intended for students, naturalists and professionals and assumes no previous knowledge of coral reef biology. It is particularly suitable for both senior undergraduate and graduate students (in departments of biology, geography, and environmental science) taking courses in coral reef ecology, marine biology, oceanography and conservation biology, as well as the many professional ecologists and conservation biologists requiring a concise overview of the topic. It willalso be of relevance and use to reef managers, recreational divers, and amateur naturalists.

Book Information

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Customer Reviews

I've taken or served as teaching assistant for a number of classes on coral reef ecology, and we've never had a good, comprehensive textbook that was suitable for undergraduate students. I was excited to see this book this year, particularly since it appeared just before I taught my own undergraduate class on "Ecology of Reefs, Mangroves, and Seagrasses". We've read a number of the chapters on coral reefs, corals, and human impacts. I do wish there was more information on the organisms of the coral reef - algae, invertebrates, mammals & reptiles, as I had to find other sources for that. However, it is well-organized information, clear, and very up-to-date. I would use it as a textbook if/when I teach the class again and recommend the series to others teaching about the biology of habitats. We also used Hogarth's (2007) book in the series on mangroves & seagrasses.

This is a well written introduction to coral reef biology, potentially useful for both a senior-undergraduate course or any diver wishing to learn more about the coral reefs she is hovering above.The book treats many aspects of reefs, from the main reef builders, the abiotic environment, reef microbiology and the world of coral reef fishes. Most figures are black/white, but the book also contains some color plates. It goes into a good amount of detail, and covers some very recent scientific studies, but at the same time is written in a readable style. Often text boxes cover special topics, such as the crown-of-thorns starfish.What I really appreciated is the significant part dedicated to conservation issues and the damage done to reefs by everything from overfishing, the creating of artificial islands, sewage run-off, to global warming and ocean acidification. When treating these subjects, the authors don't fall into the all-is-lost mode, but also outline how intelligent decisions by humans can make a big difference in reef health.

really enjoyed this

The Biology of Coral Reefs is an excellent reference/textbook for scientifically minded people to delve further into the reefs. It is a must read for anyone who is interested in the education and preservation of one of the world's most beautiful, economically, and ecologically important

resources.

Im a biology student and study corals. I found this book great as an introduction to the subject and a quick guide for remembering the basics. So is very useful for students of these ecosystems and for amateurs. Reading the book gives you the knowledge to understand more specific documents like papers later.

The book was in very good condition. The edition matched the one on the description. Very satisfied.

as expected.

I received the book in the mail and it is in great condition for the class that I am taking. There are a few highlighter marks in it, but I plan on adding onto that anyway. The book is great!

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