

# Biology Of Marine Fungi

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Fungi play a major role in the ecological processes of earth. Most books on fungi deal with terrestrial ones. Despite the importance of marine microorganisms in the ecology of oceans and their role in biotechnology, no single comprehensive book on marine fungi has been available for a long time. This book fills the lacuna. It provides chapters on the diversity, ecology and applications of marine fungi. True fungi, as well as stramenopilan fungi are covered. Several chapters will address the known and unknown diversity of marine fungi, changes in their classification and their present phylogeny. Chapters on the ecological aspects of marine fungi will address the role of fungi in coastal mangrove, coral reef fungi, fungi in open waters and deep-sea ecosystems. The biotechnological aspects of marine fungi will cover the use of their enzymes in industries, poly-unsaturated fatty acids and bioactive metabolites. The book with 17 chapters written by international experts is expected to be of great use EAN/ISBN : 9783642233425 Publisher(s): Springer, Berlin Format: ePub/PDF Author(s): Raghukumar, Chandralata

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