

1. Record Nr.	UNINA9910688302403321
Titolo	Invertebrates : ecophysiology and management // Sajal Ray (editor)
Pubbl/distr/stampa	London : , : IntechOpen, , [2020] ©2020
Descrizione fisica	1 online resource
Disciplina	592
Soggetti	Invertebrates
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Indoor Hibernation of <i>Helix aspersa</i> Juveniles -- 2. Ecology, Biology and Genetics of <i>Millepora</i> Hydrocorals on Coral Reefs -- 3. Chemoprotective Effect of Edible Gastropod, <i>Xancus pyrum</i> and Its Usefulness in the Amelioration of Cisplatin Induced Toxicity -- 4. Intermediate Host Snails of Human Schistosomes in the Senegal River Delta: Spatial Distribution According to Physicochemical Parameters -- 5. Reproductive Biology, Seed Production, and Culture of the Hawaiian Limpet <i>Cellana sandwichensis</i> (Pease, 1861) -- 6. Sponge Fishery and Aquaculture in Cuba: Impacts and Challenges -- 7. Spectral Discrimination of Live and Bleached Corals: A Case Study on <i>Turbinaria peltata</i> (Esper, 1794) Using Field Spectroscopy -- 8. Formation, Persistence, and Recovery of Glass Sponge Reefs: A Case Study -- 9. Artisanal Harvest of Shellfish in the Northeastern Atlantic: The Example of Limpet and Topshell Fisheries in the Archipelago of Madeira -- 10. Assemblage of Gastropods in the Rocky Intertidal Zone of Asry Beach, Kingdom of Bahrain.
Sommario/riassunto	Invertebrates exhibit a wide range of diversity in body plan, physiology, behaviour, adaptation and preferences for habitat and food. Their relationship with the environment is unique and multidimensional. This book is organized into two sections containing chapters on the frontier areas of research in ecophysiology and management-related problems of various invertebrates. Topics covered include hibernation physiology; the amelioration potential of drug and parasitic host

response of molluscs; the genetics and biology of hydrocorals; and current trends of management, aquaculture, and harvesting of ecologically and economically important molluscs and sponges. This book is an enriched edition of invertebrate zoology and is a useful source of information for researchers and students in various disciplines. In recent years, a paradigm shift in research on invertebrates has occurred under the backdrop of climate change and environmental contamination. This important shift in the research is well reflected in this book.
