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| Titolo | Global Diversity and Ecological Function of Parasites of Euphausiids / / by Jaime Gómez-Gutiérrez, So Kawaguchi, José Raúl Morales-Ávila |
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| Descrizione fisica | 1 online resource (XIV, 208 p. 42 illus., 19 illus. in color.) |
| Disciplina | 577.6<br>577.7 |
| Soggetti | Aquatic ecology<br>Parasitology<br>Evolutionary biology<br>Animal systematics<br>Animal taxonomy<br>Freshwater & Marine Ecology<br>Evolutionary Biology<br>Animal Systematics/Taxonomy/Biogeography |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | Introduction -- The euphausiid–parasite interaction is multi-specific and highly complex -- Social behaviour, parasite life cycles and transmission rates -- Biodiversity and size proportion of euphausiid vs. parasites -- Viruses -- Bacteria -- Fungi -- Protista -- Animalia -- Infection mechanisms -- Unknown parasites and diseases of krill -- Ecological consequences of epibionts in the marine ecosystem and web foods -- Invertebrates as intermediate hosts of endoparasites -- Conclusion -- Acknowledgements -- References. . |
| Sommario/riassunto | This volume critically reviews all previously published work of parasites that interact with krill (order Euphausiacea) updating misconceptions and summarizing the diversity of epibionts, ectoparasites, mesoparasites and endoparasites that interact with these crustaceans. As far as we know, there is a lack of books about parasites of marine crustaceans not targeted to fisheries and aquaculture. Thus, this would |

be the most complete and integrative monograph of parasites of marine zooplankton and micro nektonic organisms worldwide. Krill form immense aggregations and serve as food for multiple planktonic and nektonic predators playing a crucial role in pelagic food web. Besides, several species are also used for human consumption. For these reasons there is a growing concern about the health issues that krill parasites may impose on other species, including us. This book provides a comprehensive review of parasites of a crustacean order that can extrapolate to potential parasites in other crustacean taxa worldwide. .