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| 1. Record Nr.           | UNINA9910164982303321   |
| Titolo                  | Biodiversity and Evolution of Parasitic Life in the Southern Ocean<br>[[electronic resource] /] / edited by Sven Klimpel, Thomas Kuhn, Heinz Mehlhorn   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017   |
| ISBN                    | 3-319-46343-8   |
| Edizione                | [1st ed. 2017.]   |
| Descrizione fisica      | 1 online resource (XVII, 226 p. 55 illus., 35 illus. in color.)   |
| Collana                 | Parasitology Research Monographs, , 2192-3671 ; ; 9   |
| Disciplina              | 591.7857  |
| Soggetti                | Parasitology<br>Animal ecology<br>Climate change<br>Animal systematics<br>Animal taxonomy<br>Biodiversity<br>Invertebrates<br>Animal Ecology<br>Climate Change/Climate Change Impacts<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 and index.  |
| Nota di contenuto       | Introduction (Mehlhorn, Klimpel) -- Antarctic biodiversity of aquatic parasites (Marcogliese) -- Antarctic Digenea (Bray) -- Antarctic Monogenea (Kritsky, Boeger) -- Antarctic Cestoda and Nematoda (Rocka, Laskowski) -- Antarctic anisakid Nematoda (Klimpel, Kuhn, Münster) -- Antarctic Acanthocephala (Zdzitowiecki, Laskowski) -- Antarctic parasitic Crustacea (Ho or Williams) -- Antarctic lice of seals (Mehlhorn) -- Antarctic leeches (Bielecki, Rokicka) -- Parasite communities of Penguins (Diaz, Barbosa) -- Parasite communities of mammals (McFarlane or Mattiucci, Nascetti) -- Parasite communities of fish (Mattiucci, Nascetti or George-Nascimento) -- History of Antarctic parasitological research (MacKenzie, Hemmingsen). |

## Sommario/riassunto

The Southern Oceans including Antarctic regions are peculiar and very sensitive water biotopes, where animal life and species interrelations are only poorly investigated. Especially the influence of parasites on their host species needs intensive consideration in times of global warming and worldwide pollution. Both factors may influence the finely balanced interrelationships between parasites and endangered hosts especially in specialized regions such as Antarctica. Before this background the present book offers a broad spectrum of important parasite-host interrelations in times of ecosystem changes written by experienced and renowned international specialists.

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