Record Nr. UNINA9910790770603321 Autore Marchand Peter J Titolo Life in the Cold: An Introduction to Winter Ecology, fourth edition // Peter J. Marchand Lebanon, NH:,: University Press of New England,, [2014] Pubbl/distr/stampa **ISBN** 1-61168-506-0 Edizione [Fourth edition.] Descrizione fisica 1 online resource (321 p.) Disciplina 578.4/2 Soggetti **Ecology** Winter Cold adaptation Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Title Page: Table of Contents: Preface to the Fourth Edition: 1 | Winter Paths: Options for Overwintering Success; Migration; Hibernation; Resistance: 2 | The Changing Snowpack: Destructive Metamorphism: Constructive Metamorphism; Melt Metamorphism; The Insulative Value of a Snowcover; Snow and Radiant Energy; 3 | Plants and the Winter Environment; Acclimating to the Cold; Weathering the Winter Drought; The Evergreen Advantage; Mechanical Forces of Winter; 4 | Animals and the Winter Environment; The Basics of Energy Exchange; Warm Bodies in Cold Environments; Bergmann's and Gloger's Rules The Cold-Blooded Gamble5 | Life under Ice; Temperature/Density Relationships; Freezing around the Edges; Dormancy versus Activity; Dealing with Oxygen Depletion; 6 | Plant-Animal Interactions: Food for Thought; Bargaining with Hoarders; Coping with Browsers; Plants and the Quality of Subnivean Life; The Carbon Dioxide Debate; 7 | Winter Profiles: A Season in the Lives of Selected Animals; The Northern Cervids; Semiaguatic Mammals; Gallinaceous Birds; 8 | Humans in Cold Places; Circulatory Responses to Cold; Increasing Heat Output; Mind

over Temperature; 9 | The Changing Snowpack, II

Index: List of Unit Conversion Factors

Broken MirrorSpecies on the Move; Unwelcome Thaw; Glossary; Notes;

A revised edition of a classic work on cold climate ecosystems, with a new chapter on climate change