

1. Record Nr.	UNINA9910464440203321
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Titolo	Invertebrate paleontology of Israel and adjacent countries : with emphasis on the Triassic and Jurassic Brachiopoda / / Howard R. Feldman
Pubbl/distr/stampa	New York, New York ; ; Brighton, Massachusetts : , : Touro College Press : , : Academic Studies Press, , 2013 ©2013
ISBN	1-61811-306-2
Descrizione fisica	1 online resource (320 p.)
Collana	Touro University Press
Disciplina	564.8
Soggetti	Brachiopoda, Fossil - Israel Brachiopoda, Fossil - Middle East Paleontology - Israel Paleontology - Middle East Paleontology - Triassic Paleontology - Jurassic Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front matter -- TABLE OF CONTENTS -- Foreword -- Introduction -- References -- Acknowledgments -- CHAPTER ONE. A Comparison of Jurassic and Devonian Brachiopod Communities: Trophic Structure, Diversity, Substrate Relations and Niche Replacement -- CHAPTER TWO. A New Species of the Jurassic (Callovian) Brachiopod <i>Septirhynchia</i> from Northern Sinai -- CHAPTER THREE. <i>Goliathyris lewyi</i> , New Species (Brachiopoda, Terebratulacea) from the Jurassic of Gebel El-Minshera, Northern Sinai -- CHAPTER FOUR. Brachiopods from the Jurassic of Gebel El-Maghara, Northern Sinai -- CHAPTER FIVE. Epi- and Endobiontic Organisms on Late Jurassic Crinoid Columns from the Negev Desert, Israel: Implications for Co-evolution -- CHAPTER SIX. The Jurassic of the Southern Levant: Biostratigraphy, Palaeogeography and Cyclic Events -- CHAPTER SEVEN. Brachiopods from the Jurassic (Callovian) of Hamakhtesh Hagadol (Kurnub Anticline), Southern Israel

-- CHAPTER EIGHT. A New Species of *Coenothyris* (Brachiopoda) from the Triassic (Upper Anisian-Ladinian) of Israel -- CHAPTER NINE. Paleoecology, Taphonomy, and Biogeography of a *Coenothyris* Community (Brachiopoda, Terebratulida) from the Triassic (Upper Anisian-Lower Ladinian) of Israel -- CHAPTER TEN. A New Equatorial, Very Shallow Marine Sclerozoan Fauna from the Middle Jurassic (Late Callovian) of Southern Israel -- CHAPTER ELEVEN. Bioerosion in an Equatorial Middle Jurassic Coral-Sponge Reef Community (Callovian, Matmor Formation, southern Israel) -- CHAPTER TWELVE. Jurassic Rhynchonellide Brachiopods from the Jordan Valley -- CHAPTER THIRTEEN. Taxonomy and Paleobiogeography of Late Bathonian Brachiopods from Gebel Engabashi, Northern Sinai -- Appendix a: Original Publication and Contributing Authors -- Index

Sommario/riassunto

This book consists of a series of papers that help to unravel the taxonomy of the phylum Brachiopoda and describe associated marine communities in the Levant. These faunas inhabited shallow shelf environments near the boundary of the Indo-African and Tethyan faunal realms near the Jurassic equator along the southern Tethyan margin. This research is part of a long-term project that aims to delineate the distribution of brachiopods across faunal realm boundaries and reconstruct the biogeographic history of the region. The work provides a more detailed analysis of the endemism that is characteristic of the faunas of northern Sinai, the Negev and Jordan, and will also aid in the construction of a biogeographic framework for Jurassic strata in the Middle East. It represents an important contribution to our knowledge of the evolution of modern marine communities because their roots lie in the ecological diversifications of the Jurassic.

2. Record Nr.	UNINA9910784655903321
Autore	McLachlan Anton
Titolo	The ecology of sandy shores [[electronic resource] /] / A. McLachlan, A. C. Brown
Pubbl/distr/stampa	Amsterdam ; ; London, : Elsevier, c2006
ISBN	1-280-63658-0 9786610636587 0-08-046509-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (387 p.)
Altri autori (Persone)	BrownA. C
Disciplina	574.52638 577.69/9 577.699
Soggetti	Seashore ecology Sand dune ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [330]-351) and index.
Nota di contenuto	Front cover; Title page; Copyright page; Table of contents; Acknowledgements; 1: Introduction; 2: The Physical Environment; 2.1 Introduction; 2.2 Sand; 2.3 Waves; 2.4 Other Drivers of Water Movement; 2.5 Sand Transport; 2.6 Interactions Among Beach Slope, Waves, Tides, and Sand; 2.7 Beach Indices; 2.8 Beach Types; 2.9 Circulation Cells and Mixing; 2.10 Embayments and Headlands; 2.11 Swash Climate; 2.12 Slope; 2.13 Latitudinal Effects; 2.14 Conclusions; 3: The Interstitial Environment; 3.1 Introduction; 3.2 Characteristics of the System; 3.3 Processes of Water Input; 3.4 Water Filtration 3.5 Water Table Fluctuations3.6 Interstitial Chemistry; 3.7 The Interstitial Environment; 3.8 Conclusions; 4: Beach and Surf-zone Flora; 4.1 Introduction; 4.2 Benthic Microflora; 4.3 Surf-zone Phytoplankton; 4.4 Seagrasses; 4.5 Conclusions; 5: Sandy-beach Invertebrates; 5.1 Introduction; 5.2 Important Groups; 5.3 Conclusions; 6: Adaptations to Sandy-beach Life; 6.1 Introduction; 6.2 Locomotion; 6.3 Rhythms of Activity; 6.4 Sensory Responses and Orientation; 6.5 Choice of Habitat; 6.6 Nutrition; 6.7 Respiration; 6.8 Environmental Tolerances; 6.9 Reproduction

6.10 Aggregations and Gregariousness 6.11 Avoidance of Predators;
 6.12 Phenotypic Plasticity; 6.13 Conclusions; 7: Benthic Macrofauna
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 Mesoscale Patterns; 8.4 Microscale Patterns; 8.5 Invertebrate Fisheries;
 8.6 Conclusions; 9: Interstitial Ecology; 9.1 Introduction; 9.2 Interstitial
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 9.5 Distribution of Interstitial Fauna 9.6 Temporal Changes; 9.7
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 13.8 Dune Vegetation; 13.9 The Fauna; 13.10 Food Chains; 13.11
 Dune/Beach Exchanges; 13.12 A Case Study of Dune/Beach Exchanges;
 13.13 Conclusions; 14: Human Impacts; 14.1 Introduction; 14.2
 Pollution
 14.3 Recreational Activities

Sommario/riassunto

The Ecology of Sandy Shores provides the students and researchers with a one-volume resource for understanding the conservation and management of the sandy shore ecosystem. Covering all beach types, and addressing issues from the behavioral and physiological adaptations of the biota to exploring the effects of pollution and the impact of man's activities, this book should become the standard reference for those interested in Sandy Shore study, management and preservation.* More than 25% expanded from the previous edition* Three entirely new chapters: Energetics and Nutrient
