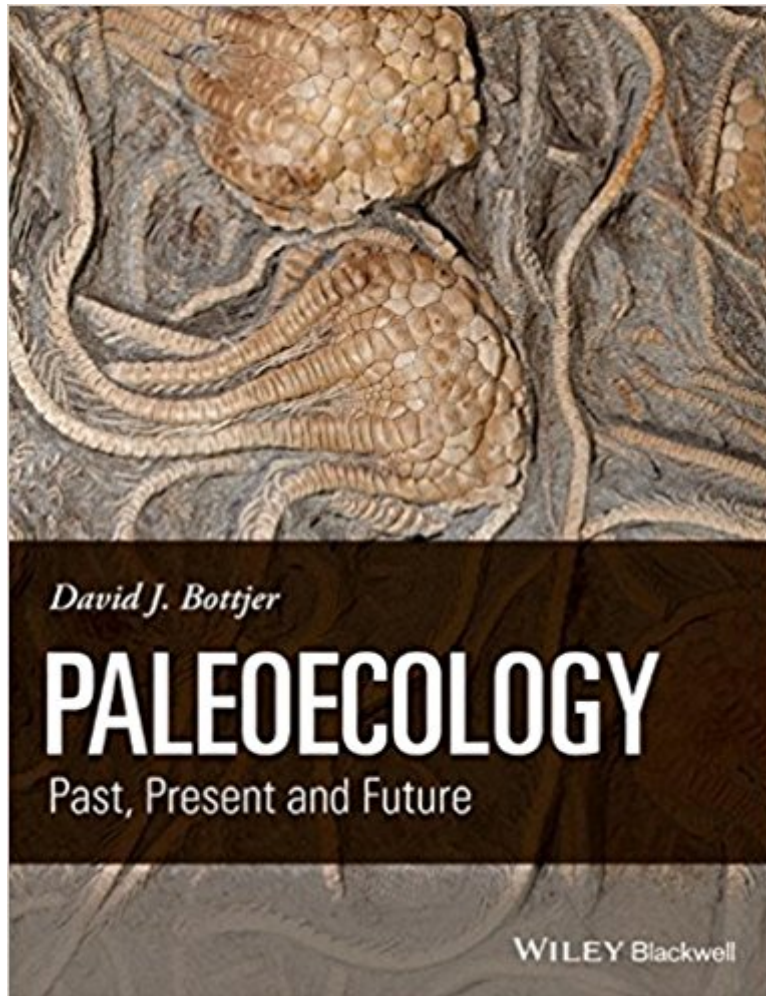




Ebook Directory
the best source of ebook

The book was found

Paleoecology: Past, Present And Future



Synopsis

Paleoecology is a discipline that uses evidence from fossils to provide an understanding of ancient environments and the ecological history of life through geological time. This text covers the fundamental approaches that have provided the foundation for present paleoecological understanding, and outlines new research areas in paleoecology for managing future environmental and ecological change. Topics include the use of actualism in paleoecology, development of paleoecological models for paleoenvironmental reconstruction, taphonomy and exceptional fossil preservation, evolutionary paleoecology and ecological change through time, and conservation paleoecology. Data from studies of invertebrates, vertebrates, plants and microfossils, with added emphasis on bioturbation and microbial sedimentary structures, are discussed. Examples from marine and terrestrial environments are covered, with a particular focus on periods of great ecological change, such as the Precambrian-Cambrian transition and intervals of mass extinction.Â Â Readership: This book is designed for advanced undergraduates and beginning graduate students in the earth and biological sciences, as well as researchers and applied scientists in a range of related disciplines.

Book Information

Paperback: 232 pages

Publisher: Wiley-Blackwell; 1 edition (April 18, 2016)

Language: English

ISBN-10: 1118455843

ISBN-13: 978-1118455845

Product Dimensions: 7.3 x 0.6 x 9.6 inches

Shipping Weight: 1.4 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #616,986 in Books (See Top 100 in Books) #266 inÂ Â Books > Science & Math > Biological Sciences > Paleontology #3272 inÂ Â Books > Science & Math > Evolution #21118 inÂ Â Books > Textbooks > Science & Mathematics

Customer Reviews

Paleoecology is a discipline that uses evidence from fossils to provide an understanding of ancient environments and the ecological history of life through geological time. This text covers the fundamental approaches that have provided the foundation for present paleoecological understanding, and outlines new research areas in paleoecology for managing future environmental

and ecological change. Topics include the use of actualism in paleoecology, development of paleoecological models for paleoenvironmental reconstruction, taphonomy and exceptional fossil preservation, evolutionary paleoecology and ecological change through time, and conservation paleoecology. Data from studies of invertebrates, vertebrates, plants and microfossils, with added emphasis on bioturbation and microbial sedimentary structures, are discussed. Examples from marine and terrestrial environments are covered, with a particular focus on periods of great ecological change, such as the Precambrian-Cambrian transition and intervals of mass extinction. ã ã Readership: This book is designed for advanced undergraduates and beginning graduate students in the earth and biological sciences, as well as researchers and applied scientists in a range of related disciplines.

David J. Bottjer is Professor of Earth Sciences, Biological Sciences, and Environmental Studies at the University of Southern California. ã ã He is a Fellow of The Paleontological Society, the Geological Society of America, and the American Association for the Advancement of Science, and is an Editor-in-Chief for the journal, *Palaeogeography, Palaeoclimatology, Palaeoecology*. ã ã In 2014 he was awarded the Raymond C. Moore Medal for excellence in paleontology by the SEPM Society for Sedimentary Geology.

[Download to continue reading...](#)

Paleoecology: Past, Present and Future Frommer's Athens Past & Present (Frommer's Athens Past & Present) Houses of the Past, Present, and Future (Imagining the Future) Paleontology and Geology of Laetoli: Human Evolution in Context: Volume 1: Geology, Geochronology, Paleoecology and Paleoenvironment (Vertebrate Paleobiology and Paleoanthropology) The Conodonta: Morphology, Taxonomy, Paleoecology, and Evolutionary History of a Long-Extinct Animal Phylum (Oxford Monographs on Geology and Geophysics) Fossils in the Making: Vertebrate Taphonomy and Paleoecology (Prehistoric Archeology and Ecology series) Terrestrial Ecosystems Through Time: Evolutionary Paleoecology of Terrestrial Plants and Animals Head Restraints and Whiplash: The Past, Present and Future (Transportation Issues, Policies and R&D) Challenges of the Muslim World, Volume 19: Present, Future and Past (International Symposia in Economic Theory and Econometrics) Backwards and in Heels: The Past, Present And Future Of Women Working In Film No Women Jump Out!: Gender Exclusion, Labour Organization and Political Leadership in Antigua 1917-1970 (Trade Unions. Past, Present and Future) Cards of Your Destiny: What Your Birthday Reveals About You and Your Past, Present, and Future Numerology the Complete Guide, Vol. 2: Advanced Personality Analysis and Reading the Past, Present and Future (A Newcastle Original)

Viruses, Plagues, and History: Past, Present and Future The Only Tarot Book You'll Ever Need:
Gain insight and truth to help explain the past, present, and future. Holy Land Collection: Israel vs.
The World: The Apple of God's Eye in the End of Time; and Jesus, Jews & Jerusalem: Past,
Present and Future of the City Water 4.0: The Past, Present, and Future of the World's Most Vital
Resource An Introduction to the Art of Theatre: A Comprehensive Text- Past, Present, And Future
It's Getting Hot in Here: The Past, Present, and Future of Climate Change Performance
Partnerships: The Checkered Past, Changing Present and Exciting Future of Affiliate Marketing

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)