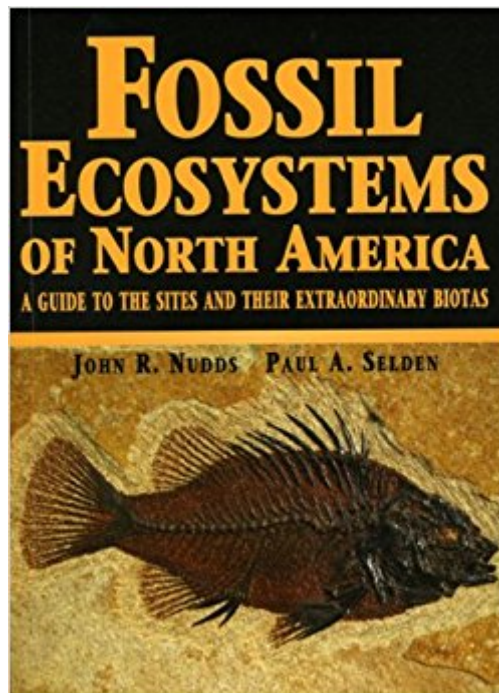




Ebook Directory
the best source of ebook

The book was found

Fossil Ecosystems Of North America: A Guide To The Sites And Their Extraordinary Biotas



Synopsis

The fossil record affords a fascinating glimpse at past environments and the kinds of plants and animals that inhabited them. Some sites, for instance, contain nearly complete preserved records of ancient life. Fourteen of these remarkable fossil depositories are found in North America, including Mistaken Point in Newfoundland, Mazon Creek in Illinois, and Rancho La Brea in Los Angeles. *Fossil Ecosystems of North America* describes these and eleven other sites that range across the continent. John R. Nudds and Paul A. Selden introduce each site and place the fossil findings in geologic and evolutionary context. They go on to describe the history of research at each site—the sedimentology, stratigraphy, biota, paleoecology—and offer comparisons to other localities of similar age or environment. *Fossil Ecosystems of North America* also includes an appendix of museums at which readers can see specimens from the sites and suggestions for visiting the sites in person. In some cases, new specimens can still be collected from these sites by professionals and amateurs alike. Accessible and informative, this guide to Fossil-Lagerstätten will appeal to expert scientists and adventuresome lay paleontologists alike.

Book Information

Paperback: 288 pages

Publisher: University Of Chicago Press; 1 edition (April 1, 2008)

Language: English

ISBN-10: 0226607224

ISBN-13: 978-0226607221

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 12.8 ounces (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 4 customer reviews

Best Sellers Rank: #758,634 in Books (See Top 100 in Books) #158 in Books > Science & Math > Biological Sciences > Animals > Fossils #330 in Books > Science & Math > Biological Sciences > Paleontology #1158 in Books > Textbooks > Science & Mathematics > Environmental Studies

Customer Reviews

"Fossil Ecosystems of North America provides an enjoyable journey to 14 extraordinary fossil localities. In their earlier *Evolution of Fossil Ecosystems* (CH, Sep'05, 43-0337), Nudds and Selden (both, Univ. of Manchester, UK) covered the world; here, they add localities and a focus. Each chapter provides background on why the site is important in the history of life and follows with a brief accounting of the discovery of the particular locality. Next, the authors discuss the stratigraphic

setting and taphonomy (i.e., what happened between death of the organisms and what is found today, and what contributed to the unusual preservation). Nudds and Selden provide a description and several images of the biota found, followed by a discussion of the clustering of organisms and what the bigger picture tells scientists about life interaction for those organisms. Finally, there is a brief comparison of the fossil locality with other relevant locations. Each chapter contains a list of suggested readings, and the appendix lists appropriate museums related to the finding and extra information on visiting the site (e.g., hours, costs, accessibility). Valuable for anyone wanting to learn about specially preserved clusters of organisms from throughout Earth's history." (Choice)"A beautifully produced book. Its glossy pages are crammed with exquisite full-color photographs of some of the most unique fossils ever unearthed and its engaging and detailed text, though scientific in nature, is generally not beyond the reach of interested lay readers. . . . This book will be of interest to anyone fascinated by fossils." (Danny A. Brass PRS)"[A] very engaging volume. . . . The comprehensive descriptions of biotas will make the book maximally useful (and interesting) to readers with widely varied taxonomic interests. . . . I recommend it." (Jeffrey V. Yule Quarterly Review of Biology)

John R. Nudds is senior lecturer in paleontology in the School of Earth, Atmospheric, and Environmental Sciences at the University of Manchester. Paul A. Selden is the Gulf-Hedberg Distinguished Professor of Invertebrate Paleontology and director of the Paleontological Institute at the University of Kansas.

This book is a gem, a work of art, a delicate microchip, whether you understand it or not. Much of the info is pretty deep and condensed for the interested layman but the size and layout--the paper, diagrams, charts, artwork, photos and particularly, the maps--makes this book a joy to hold and scan, without necessarily struggling to understand the nuances of geology within it. Either these authors have a background in the publisher's craft and art, or they just design books better at the University of Chicago Press, I don't know, but either way, this tiny book puts many of the mega-textbooks of the Cenozoic to shame.

As a far as a textbook goes its very interesting?

This new release is a very good overview on the fine fossil record of eachage from oldest to youngest. Make no mistake, it has the pictorals of a coffee table book; but packed with information

to enlighten the novice and the learned. Having visited most of the localities; I can make the statement that this book does a very good job of representing the locations, the fossils and the known information from studies. Excellent pictures and the quality of the graphics make it the next best thing to holding the very fossils of these famous locations. This book is well worth the price of this hardcopy. Bravo to John Nudds, Paul Seldon and all the contributors, efforts well done. - John A. Spina Jr. in NY

I had been waiting for this book for a year, but it was worth it. While a better title would probably attract more readers, the book is written with the collector in mind as well as documentation that should be required of undergraduates studying geology and paleontology. Since we rarely get a glimpse of the extraordinary prehistoric remains (fossils) in museum collections, I appreciate being able to see many via this profusely illustrated work. A wide-range of fossil material is presented, from nearly 2 billion year old microfossils (Gunflint Chert) to the Pleistocene lifeforms in the Rancho La Brea tar deposits in Los Angeles.

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

Fossil Ecosystems of North America: A Guide to the Sites and Their Extraordinary Biotas The Geological History of Fossil Butte National Monument and Fossil Basin Neotectonics of North America: Decade Map Volume to Accompany the Neotectonic Maps, Part of the Continent-Scale Maps of North America (Geology of North America) The Everglades and the Gulf Coast (Ecosystems of North America) The Pacific Coast (Ecosystems of North America) America's Deserts: Guide to Plants and Animals (America's Ecosystems) America's Wetlands: Guide to Plants and Animals (America's Ecosystems) Caravan Europe Guide to Sites and Touring in France 2014: Over 3500 Sites in France and Andorra as Recommended by Caravan Club Members Top 10 Tourist Sites in Alexandria: Travel guide (Tourist sites in Egypt Book 2) The Dive Sites of the Great Barrier Reef and the Coral Sea (Dive Sites of the World) Top 10 Tourist Sites in Cairo (Tourist sites in Egypt) Dogs: Their Fossil Relatives and Evolutionary History Watchable Wildlife Calendar 2008: Featuring North America's Premier Wildlife Viewing Sites Around The Globe - Must See Places in North America: North America Travel Guide for Kids (Children's Explore the World Books) Horned Armadillos and Rafting Monkeys: The Fascinating Fossil Mammals of South America (Life of the Past) The Extraordinary Adventures of Adele Blanc-Sec: Pterror over Paris and The Eiffel Tower Demon (The Extraordinary Adventures of AdÃ©le Blanc-Sec) The Ascent of Denali: A Narrative of the First Complete Ascent of the Highest Peak in North America (Mount Mckinley : a Narrative of the First Complete Ascent of the Highest Peak in North America) The Invasion Within: The Contest

of Cultures in Colonial North America (Cultural Origins of North America) Veterinary Clinics of North America: Small Animal Practice: Current Issues in Cardiology, September 2004, 34:5 (Veterinary Clinics of North America, 34:5 September 2004) THE Veterinary Clinics of North America - Small Animal Practice - Gastroenterology (THE Veterinary Clinics of North America, Volume 13 #3)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)