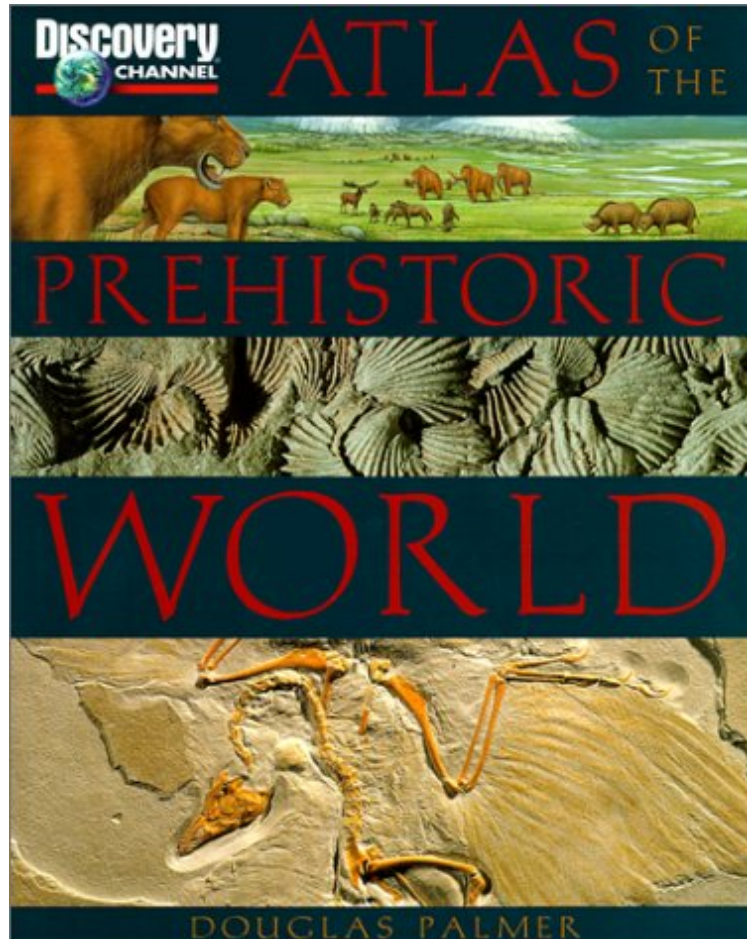


Atlas of the Prehistoric World

Douglas Palmer

*ePub / *DOC / audiobook / ebooks / Download PDF*



DOWNLOAD



+

READ ONLINE

#1441399 in Books Random House 1999-10-01 1999-10-01 Ingredients: Example Ingredients Original language: English PDF # 1 11.59 x .90 x 9.37l, #File Name: 1563318296224 pages | File size: 77.Mb

Douglas Palmer : Atlas of the Prehistoric World before purchasing it in order to gage whether or not it would be worth my time, and all praised Atlas of the Prehistoric World:

0 of 0 people found the following review helpful. One for the coffee table. By Julian Fletcher Beautifully illustrated and well organized into logical sections based on the various geological time periods. 0 of 0 people found the following review helpful. Five Stars By Alice G. Great book to give an overview of the prehistoric world 0 of 0 people found the following review helpful. Five Stars By CLAUDIA ROCHA CAMPOSE Excellent conditions!

From its beginnings as an accumulation of molten space debris over 4.6 billion years ago, the Earth has undergone astounding transformations, both geological and biological, to arrive at its familiar look today. The Discovery Channel's Atlas of the Prehistoric World is a dynamic portrait of the Earth and the interplay among the various forces that shaped both the planet and the life upon it. Atlas of the Prehistoric World is divided into three major sections, each of which offers a distinctive look at our planet's pre-history. In "The Changing Globe" computer-generated

global maps track the Earth's shift in topography during eighteen different geological periods.... From the rise of mountain ranges to the creation of new oceans, the world takes on its different faces through the course of eons. "Life on Earth" chronicles the evolution of plant and animal life, from the first single-celled microbes to land-dwelling mammals. Each of the Earth's major geological eras is profiled in its own chapter, which depicts the life forms that developed as continents drifted, volcanoes erupted, and meteorites crashed to the surface. Specially commissioned panoramic illustrations take "snapshots" of life at a particular time and place....These...reflect the latest scientific thinking about how creatures from each period would have appeared, bringing to life animals and plantlife we can otherwise see only as fossils. "Earth Fact File," an indispensable gazetteer, explains important Earth science concepts and provides a useful tool for understanding prehistory. Accompanied by over 250 full-color photographs and illustrations and 68 maps, the Discovery Channel's Atlas of the Prehistoric World is a unique must-have resource for any family member.

.com The earth is not the spring chicken it was 4.6 billion years ago. With the passing of the millennia, earth's face, weathered by heat and ice and subject to tectonic friction, has erupted, wrinkled, and sagged, as do all our faces ultimately, only more so. Continents have shifted, merged, and split apart. Seas have turned to land and land has been submerged by seas. And microorganisms have evolved into the vast diversity of flora and fauna that exists today. Douglas Palmer's Atlas is a digest of what is known so far about the history of the earth, enhanced with brilliant maps, photographs, and illustrations, and explained in lucid, enjoyable prose. The Atlas starts off with "The Changing Globe," 36 beautiful pages of maps that chart the changing face of the earth from Vendian Times some 620 million years ago, when land was massed in two continents called Northern and Southern Gondwana. Flipping through the vivid pages, one sees how Siberia, during Early Cambrian Times, began to move north from its South Pole location, how in Ordovician Times (460 million years ago) the Iapetus Ocean was beginning to close while the Rheic Ocean was starting to open, and how a volcano in what's now Virginia spewed volcanic ash as far away as what's now Minnesota, while in Carboniferous Times (a mere 354 million years ago), there were swampy forests in Nova Scotia that are the coal fields of today. "Ancient Worlds," the next section of the atlas, charts life, from the aquatic microbes formed 3.5 billion years ago and the multicelled organisms of the Vendian Period, the early-Cambrian brachiopods and the Silurian spiny trilobites, on through to the Jurassic and Cretaceous dinosaurs, the Tertiary mammals, and the entrance of hominids just 5 million years ago. The extinction of the dinosaurs is explained, the Ice Age is described, and, in the "Earth Fact File," 200 years of scientific discovery are chronicled. Douglas Palmer, a professor of natural and earth sciences at Cambridge University, also writes science articles for Science and New Scientist, and is the author of many books on paleontology. His Atlas is an excellent layperson's reference for families and students, rendering a vast amount of history and science in a highly accessible, entertaining format. --Stephanie Gold From School Library Journal Grade 5 Up-This exemplary book is one of the few that provides detailed maps of the changes in the Earth's landmasses as well as chronicling the evolution of its life-forms. The opening section includes 36 pages of full-color, chronologically arranged maps. Outlines of current continents overlay those of the prehistoric landmasses, allowing readers to see how they have moved and changed over time. Commentary on individual maps and information on how to read them is included. The second section examines each geological era and time period, and includes many color photographs, reproductions, and drawings depicting their life-forms and habitats. Detailed captions and sidebars provide additional information. The final section, illustrated with black-and-white photos, reproductions, and maps, covers "Earth History," "Earth Processes" (including volcanoes), and "Fossils." Paragraph-length biographies of noted paleontologists and geologists, and a list of museums and Web sites to visit are appended. For its price, this is the best atlas of Laurentia and Gondwana around. Cathryn A. Camper, formerly at Minneapolis Public Library Copyright 2000 Reed Business Information, Inc. From Booklist This beautiful book is organized into three sections. "The Changing Globe" features Earth maps of periods from Vendian (approximately 620 million years ago) to Quaternary (from 1.8 million years ago to the present) times. For each era, representations of the globe show the shifting of land mass and climactic changes, such as when Antarctica froze over. These changes are noted by brief descriptions of numbered areas on each globe. The second section, "Ancient Worlds," narrates the geological and biological history of the last four and a half billion years, period by period. The illustrations in this section are stimulating--what student won't be further driven to search for fossils by viewing actual fragments of a carboniferous fern frond or the rugose horn coral? On each succeeding page depicting complex animal life, excitement builds--even before the dinosaurs appear. Adding interest are descriptions of how scientists have been unraveling Earth's mysteries over the last 200 years. "Earth Fact File," the third section, explores the history of Earth sciences and looks at rock formation, plate tectonics, and fossil classification. It also offers brief biographies of women and men who have made important discoveries. Two pages devote attention to places all over the world where one can visit to see fossils of prehistoric creatures or can virtually visit through Web pages. (However, three of these sites couldn't be accessed through the given URLs.) Teachers might want to include in the same classroom library The Historical Atlas of the Earth: A Visual Exploration of the Earth's Physical Past, edited by Roger Osborne and Donald Tarling (Holt, 1996). It is interesting to compare and contrast information that each source covers to demonstrate how our knowledge is constantly evolving. Earth's history is

constantly being reexamined with each scientific discovery, and an attractive resource like Atlas of the Prehistoric World will help young people see that there is a place for them in this adventure. It is recommended for school and public libraries.