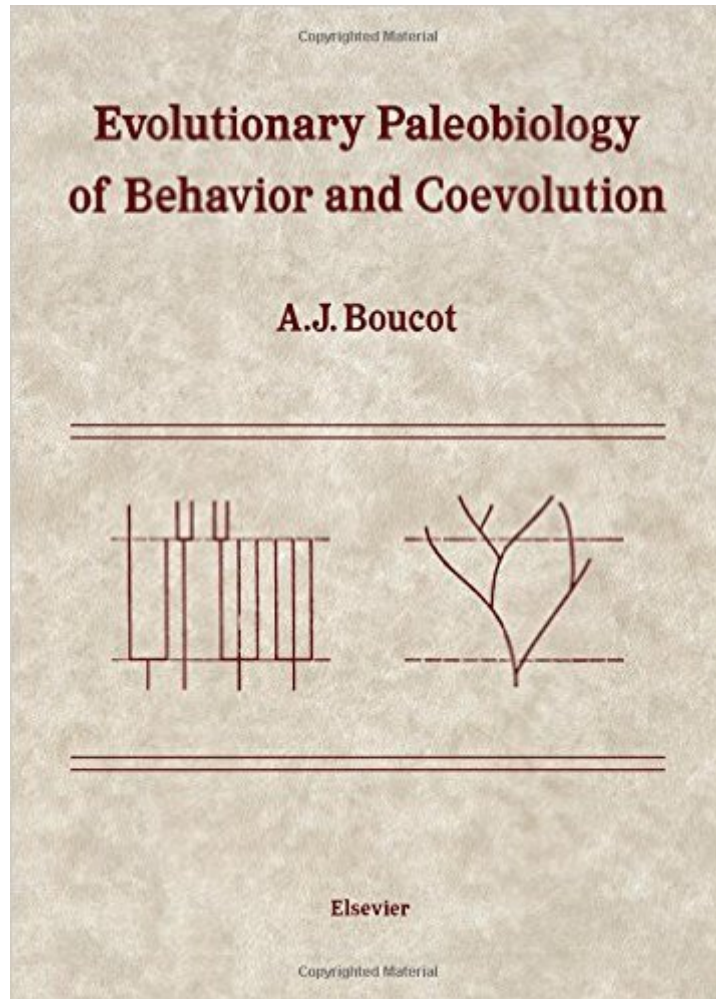


The book was found

Evolutionary Paleobiology Of Behavior And Coevolution



Synopsis

This book is the culmination of many years of research by a scientist renowned for his work in this field. It contains a compilation of the data dealing with the known stratigraphic ranges of varied behaviors, chiefly animal with a few plant and fungal, and coevolved relations. A significant part of the data consists of "frozen behavior", i.e. those in which an organism has been preserved while actually "doing" something, as contrasted with the interpretations of behavior of an organism deduced from functional morphology, important as the latter may be. The conclusions drawn from this compilation suggest that both behaviors and coevolved relations appear infrequently, following which there is relative fixity of the relation, i.e., two rates of evolution, very rapid and essentially zero. This conclusion complies well with the author's prior conclusion that community evolution followed the same rate pattern. In fact, communities are regarded here, as in large part, expressions of both behavior and coevolved relations, rather than as random aggregates controlled almost wholly by varied, unrelated physical parameters tracked by organisms, i.e., the concept that communities have no biologic reality, being merely statistical abstractions. The book is illustrated throughout with more than 400 photographs and drawings. It will be of interest to ethologists, evolutionists, parasitologists, paleontologists, and palaeobiologists at research and post-graduate levels.

Book Information

Hardcover: 725 pages

Publisher: Elsevier Science; 1 edition (June 4, 1990)

Language: English

ISBN-10: 0444880348

ISBN-13: 978-0444880345

Product Dimensions: 1.5 x 8 x 10.5 inches

Shipping Weight: 1.6 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,198,731 in Books (See Top 100 in Books) #102 in Books > Science & Math > Biological Sciences > Paleontology > Paleobiology #5816 in Books > Medical Books > Basic Sciences > Genetics #14906 in Books > Politics & Social Sciences > Anthropology > General

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

Evolutionary Paleobiology of Behavior and Coevolution Cetacean Paleobiology (TOPA Topics in

Paleobiology) Rereading the Fossil Record: The Growth of Paleobiology as an Evolutionary Discipline Evolutionary Algorithms for Solving Multi-Objective Problems (Genetic and Evolutionary Computation) Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Evolutionary Psychology: The Ultimate Origins of Human Behavior Animal Behavior: An Evolutionary Approach, Tenth Edition Animal Behavior: An Evolutionary Approach, Ninth Edition NLP: Maximize Your Potential- Hypnosis, Mind Control, Human Behavior and Influencing People (NLP, Mind Control, Human Behavior) Reflexes, Learning And Behavior: A Window into the Child's Mind : A Non-Invasive Approach to Solving Learning & Behavior Problems Brooks/Cole Empowerment Series: Human Behavior in the Social Environment (SW 327 Human Behavior and the Social Environment) BUNDLE: Garrett: Brain & Behavior, 4E + Garrett: Study Guide to Accompany Bob Garrett's Brain & Behavior: An Introduction to Biological Psychology, 4E Paleontology and Geology of Laetoli: Human Evolution in Context: Volume 2: Fossil Hominins and the Associated Fauna (Vertebrate Paleobiology and Paleoanthropology) Paleontology and Geology of Laetoli: Human Evolution in Context: Volume 1: Geology, Geochronology, Paleoecology and Paleoenvironment (Vertebrate Paleobiology and Paleoanthropology) The First Humans: Origin and Early Evolution of the Genus Homo (Vertebrate Paleobiology and Paleoanthropology) When the Invasion of Land Failed: The Legacy of the Devonian Extinctions (The Critical Moments and Perspectives in Earth History and Paleobiology) The Late Devonian Mass Extinction (The Critical Moments and Perspectives in Paleobiology and Earth History Series) Introduction to Paleobiology and the Fossil Record The Sauropods: Evolution and Paleobiology Avian Evolution: The Fossil Record of Birds and its Paleobiological Significance (TOPA Topics in Paleobiology)

[Dmca](#)