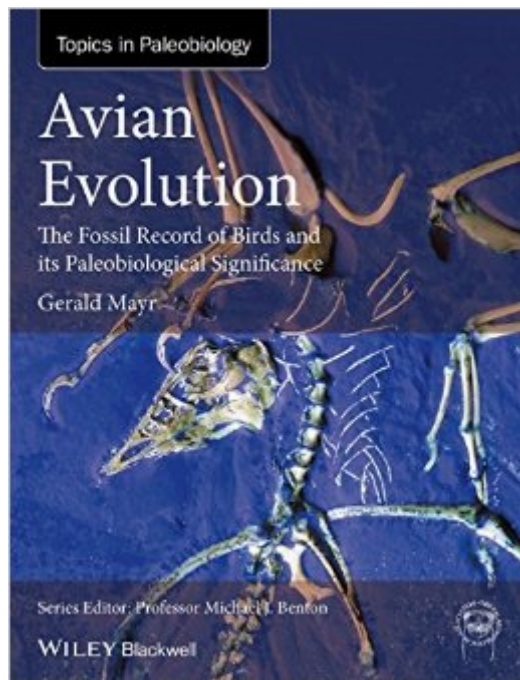


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Avian Evolution: The Fossil Record Of Birds And Its Paleobiological Significance (TOPA Topics In Paleobiology)



Synopsis

Knowledge of the evolutionary history of birds has much improved in recent decades. Fossils from critical time periods are being described at unprecedented rates and modern phylogenetic analyses have provided a framework for the interrelationships of the extant groups. This book gives an overview of the avian fossil record and its paleobiological significance, and it is the only up-to-date textbook that covers both Mesozoic and more modern-type Cenozoic birds in some detail. The reader is introduced to key features of basal avians and the morphological transformations that have occurred in the evolution towards modern birds. An account of the Cenozoic fossil record sheds light on the biogeographic history of the extant avian groups and discusses fossils in the context of current phylogenetic hypotheses. This review of the evolutionary history of birds not only addresses students and established researchers, but it may also be a useful source of information for anyone else with an interest in the evolution of birds and a moderate background in biology and geology.

Book Information

Series: TOPA Topics in Paleobiology

Hardcover: 312 pages

Publisher: Wiley-Blackwell; 1 edition (November 7, 2016)

Language: English

ISBN-10: 111902076X

ISBN-13: 978-1119020769

Product Dimensions: 7.4 x 1.2 x 9.7 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Best Sellers Rank: #880,718 in Books (See Top 100 in Books) #24 in Books > Science & Math > Biological Sciences > Paleontology > Paleobiology #189 in Books > Science & Math > Biological Sciences > Animals > Fossils #4203 in Books > Science & Math > Evolution

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