Record Nr. UNINA9910437952503321 Morphology and Evolution of Turtles [[electronic resource] /] / edited by **Titolo** Donald B. Brinkman, Patricia A. Holroyd, James D. Gardner Pubbl/distr/stampa Dordrecht:,: Springer Netherlands:,: Imprint: Springer,, 2013 **ISBN** 1-283-63372-8 9786613946171 94-007-4309-2 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (576 p.) Collana Vertebrate Paleobiology and Paleoanthropology, , 1877-9077 Disciplina 597.92 Soggetti Paleontology **Evolutionary biology** Vertebrates Animal anatomy History Paleontology **Evolutionary Biology** Animal Anatomy / Morphology / Histology History of Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Part I. Perspectives on the Life and Accomplishments of Eugene S. Gaffney -- Part II. The Origin of Turtles -- Part III. The Early Diversification of Turtles -- Part IV. Pleurodire Diversity and Biogeography -- Part V. Diversity, Biogeography, and Paleobiology of Late Cretaceous and Tertiary Turtles -- Part VI. Pathologies, Anomalies, and Variation in Turtle Skeletons. This volume celebrates the contributions of Dr. Eugene Gaffney to the Sommario/riassunto study of turtles, through a diverse and complementary collection of papers that showcases the latest research on one of the most intriguing

> groups of reptiles. A mix of focused and review papers deals with numerous aspects of the evolutionary history of turtles, including embryonic development, origins, early diversification, phylogenetic

relationships, and biogeography. Moreover it includes reports on important but poorly understood fossil turtle assemblages, provides historical perspectives on turtle research, and documents disease and variation in turtles. With its broad scope, which includes descriptions of material and new taxa from Australia, Asia, and Europe, as well as North and South America, this work will be an essential resource for anyone interested in the morphology and evolution of turtles. "This volume's breadth of time, geography, and taxonomic coverage makes it a major contribution to the field and a 'must have' for all vertebrate paleontologists.", James F. Parham, California State University, CA, USA "A comprehensive and sweeping overview of turtle evolution by the top experts in the field that will interest everyone curious about these unique reptiles." Jason S. Anderson, University of Calgary, Canada "An invaluable addition to the literature that covers the full spectrum of approaches toward understanding the evolution of these noble creatures." Ann C. Burke, Wesleyan University, CT, USA "A truly comprehensive volume that both the student of fossil turtles, as well as the general reader interested in these enigmatic creatures, will find fascinating." Tyler Lyson, Yale University, CT, USA.