

1. Record Nr.	UNINA9910467392003321
Titolo	Mammalian evolution, diversity and systematics // edited by Frank E. Zachos and Robert J. Asher
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2018] ©2018
ISBN	3-11-038254-7 3-11-034155-7
Descrizione fisica	1 online resource (394 pages)
Collana	Handbook of Zoology/ Handbuch der Zoologie
Disciplina	599
Soggetti	Mammals - Evolution Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- List of contributing authors -- 1. Species concepts and species delimitation in mammals / Zachos, Frank E. -- 2. Chromosomes and speciation in mammals / Pavlova, Svetlana V. / Searle, Jeremy B. -- 3. Taxonomy, trees, and truth in historical mammalogy / Asher, Robert J. -- 4. Mammalian embryology and organogenesis / Werneburg, Ingmar / Spiekman, Stephan N. F. -- 5. Non-Mammalian synapsids: the deep roots of the mammalian family tree / Angielczyk, Kenneth D. / Kammerer, Christian F. -- 6. Mesozoic mammals - early mammalian diversity and ecomorphological adaptations / Martin, Thomas -- 7. Diversity and relationships within crown Mammalia / Asher, Robert J. -- 8. Mammal extinction risk and conservation: patterns, threats, and management / Turvey, Samuel T. -- Index
Sommario/riassunto	There are nearly 6,000 mammalian species, among them our own. Research on our evolutionary cousins has a long history, but the last 20 years have seen particularly rapid progress in disentangling the interrelationships and evolutionary history of mammals. The present volume combines up-to-date reviews on mammalian phylogenetics with paleontological, taxonomic and evolutionary chapters and also summarizes the historical development of our insights in mammalian

relationships, and thus our own place in the Tree of Life. Our book places the present biodiversity crisis in context, with one in four mammal species threatened by extinction, and reviews the distribution and conservation of mammalian diversity across the globe. This volume is the introductory tome to the new Mammalia series of the Handbook of Zoology and will be essential reading for mammalogists, zoologists and conservationists alike.
