Record Nr. UNINA9910149201203321 Autore Prothero Donald R. Titolo The Princeton Field Guide to Prehistoric Mammals / / Donald R. Prothero Pubbl/distr/stampa Princeton, NJ:,: Princeton University Press,, [2016] ©2017 **ISBN** 1-78684-191-6 Edizione [[Enhanced Credo edition]] Descrizione fisica 1 online resource (241 pages) : color illustrations Collana Princeton Field Guides:: 112 Classificazione NAT007000NAT019000SCI100000SCI060000SCI054000 Altri autori (Persone) WilliamsMary Persis 569 Disciplina Soggetti Mammals. Fossil **Extinct mammals** Paleontology - Cenozoic Mammals - Evolution Mammals - Phylogeny Illustrated works. Pictorial works. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references and index. Frontmatter -- CONTENTS -- DEDICATION -- PREFACE -- 1. The Age Nota di contenuto of Mammals -- 2. The Origin and Early Evolution of Mammals -- 3. Marsupials: Pouched Mammals -- 4. Placental Mammals (Eutheria) -- 5. Xenarthra -- 6. Afrotheria -- 7. Euarchontoglires -- 8. Euarchontoglires -- 9. Laurasiatheria -- 10. Laurasiatheria: Chiroptera -- 11. Laurasiatheria -- 12. Laurasiatheria -- 13. Laurasiatheria: Ungulata -- 14. Laurasiatheria: Artiodactyla -- 15. Laurasiatheria: Perissodactyla -- 16. Laurasiatheria: Meridiungulata -- 17. Uintatheres, Pantodonts, Taeniodonts, and Tillodonts -- 18. Mammalian Evolution and Extinction -- Illustration Credits -- Further Reading -- Index Sommario/riassunto After the mass extinction of the dinosaurs 65 million years ago, mammals became the dominant terrestrial life form on our planet. Roaming the earth were spectacular beasts such as saber-toothed cats, giant mastodonts, immense ground sloths, and gigantic giraffe-like rhinoceroses. Here is the ultimate illustrated field guide to the lost

world of these weird and wonderful prehistoric creatures. A woolly

mammoth probably won't come thundering through your vegetable garden any time soon. But if one did, this would be the book to keep on your windowsill next to the binoculars. It covers all the main groups of fossil mammals, discussing taxonomy and evolutionary history, and providing concise accounts of the better-known genera and species as well as an up-to-date family tree for each group. No other book presents such a wealth of new information about these animals-what they looked like, how they behaved, and how they were interrelated. In addition, this unique guide is stunningly illustrated throughout with full-color reconstructions of these beasts-many never before depictedalong with photographs of amazing fossils from around the world. Provides an up-to-date guidebook to hundreds of extinct species, from saber-toothed cats to giant mammoths Features a wealth of color illustrations, including new reconstructions of many animals never before depictedDemonstrates evolution in action-such as how whales evolved from hoofed mammals and how giraffes evolved from creatures with short necksExplains how mass extinctions and climate change affected mammals, including why some mammals grew so huge