

1. Record Nr.	UNINA9910456813103321
Titolo	Bonebeds [[electronic resource]] : genesis, analysis, and paleobiological significance / / edited by Raymond R. Rogers, David A. Eberth, and Anthony R. Fiorillo
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 2007
ISBN	1-282-53723-7 9786612537233 0-226-72373-9
Descrizione fisica	1 online resource (512 p.)
Altri autori (Persone)	RogersRaymond R EberthDavid A FiorilloAnthony R
Disciplina	560
Soggetti	Vertebrates, Fossil Paleontological excavations Paleobiology Electronic books.
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 index.
Nota di contenuto	Frontmatter -- CONTENTS -- PREFACE -- ACKNOWLEDGMENTS -- CHAPTER 1. A Conceptual Framework for the Genesis and Analysis of Vertebrate Skeletal Concentrations -- CHAPTER 2. Bonebeds through Time -- CHAPTER 3. A Bonebeds Database: Classification, Biases, and Patterns of Occurrence -- CHAPTER 4. From Bonebeds to Paleobiology: Applications of Bonebed Data -- CHAPTER 5. A Practical Approach to the Study of Bonebeds -- CHAPTER 6 Numerical Methods for Bonebed Analysis -- CHAPTER 7. Trace Element Geochemistry of Bonebeds -- CHAPTER 8. Stable Isotope Geochemistry of Bonebed Fossils: Reconstructing Paleoenvironments, Paleoecology, and Paleobiology -- CONTRIBUTORS -- INDEX
Sommario/riassunto	The vertebrate fossil record extends back more than 500 million years, and bonebeds-localized concentrations of the skeletal remains of vertebrate animals-help unlock the secrets of this long history. Often spectacularly preserved, bonebeds-both modern and ancient-can

reveal more about life histories, ecological associations, and preservation patterns than any single skeleton or bone. For this reason, bonebeds are frequently studied by paleobiologists, geologists, and archeologists seeking to piece together the vertebrate record. Thirteen respected researchers combine their experiences in Bonebeds, providing readers with workable definitions, theoretical frameworks, and a compendium of modern techniques in bonebed data collection and analysis. By addressing the historical, theoretical, and practical aspects of bonebed research, this edited volume—the first of its kind—provides the background and methods that students and professionals need to explore and understand these fantastic records of ancient life and death.
