Record Nr. UNINA9910452900403321 Autore Meyer David L Titolo A sea without fish: life in the Ordovician sea of the Cincinnati region / / David L. Meyer and Richard Arnold Davis; with a chapter by Steven M. Holland Bloomington:,: Indiana University Press,, 2009 Pubbl/distr/stampa **ISBN** 0-253-01349-6 Descrizione fisica 1 online resource (382 p.) Collana Life of the past Altri autori (Persone) DavisR. A <1942-> (Richard Arnold) Disciplina 560/.17310977178 Soggetti Fossils - Ohio - Cincinnati Region Paleontology - Ordovician Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references (pages 295-[322]) and index. Nota di bibliografia Nota di contenuto Introduction -- Science in the Hinterland : the Cincinnati School of Paleontology -- Naming and classifying organisms -- Rocks, fossils, and time -- Algae: the base of the food chain -- Poriferans and Cnidarians: sponges, corals, and jellyfish -- Bryozoans: "twigs" and "bones" -- Brachiopods: the other bivalves -- Molluscs: hard, but with a soft center -- Annelids and worm-like fossils -- Arthropods : trilobites and other legged creatures -- Echinoderms: a world unto themselves -- Graptolites and conodonts : our closest relatives? --Type-cincinnatian trace fossils: tracks, trails, and burrows --Paleogeography and paleoenvironment / by Steven M. Holland -- Life in the Cincinnatian sea -- Diving in the Cincinnatian sea. Sommario/riassunto The region around Cincinnati, Ohio, is known throughout the world for the abundant and beautiful fossils found in limestones and shales that were deposited as sediments on the sea floor during the Ordovician Period, about 450 million years ago-some 250 million years before the dinosaurs lived. In Ordovician time, the shallow sea that covered much of what is now the North American continent teemed with marine life. The Cincinnati area has vielded some of the world's most abundant and

best-preserved fossils of invertebrate animals such as trilobites,

bryozoans, brachiopods, molluscs, echinode