Record Nr. UNINA9911011653403321 Autore Davis Christopher S Titolo Before Sunset: Ice-Age Amazonian Rock Art and Archaeoastronomy at the Younger Dryas / / by Christopher S. Davis Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 3-031-93373-7 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (303 pages) Collana Conflict, Environment, and Social Complexity, , 2730-5880 Disciplina 599.938 Soggetti Human evolution Anthropology Environmental archaeology Bioclimatology Physics - History Paleontology **Evolutionary Anthropology Environmental Archaeology** Climate Change Ecology History of Physics and Astronomy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Introduction: Monte Alegre Rock Art -- Geology and Climate Since the Nota di contenuto Last Ice Age -- Phenology and Ecology of Monte Alegre State Park --Historical Accounts of the Rock Art -- Serra Da Lua and Serra Do Sol Rock Art -- Archaeoastronomy at Serra Da Lua and Serra Do Sol --Stone Tools and Artifacts at Ererê -- Excavation and Investigation at Painel Do Pilao -- Solar-Aligned Pictographs at Painel Do Pilao --Descendants or Inheritors?. Sommario/riassunto Through a presentation of the oldest rock art dated in the Americas, located in Monte Alegre, Brazil, this book analyzes an ancient ecological-astronomy strategy that theoretically made the rapid human migration in the Americas successful. It helps answer two vital questions long held by scholars and the general public alike: How did

humans survive the rapid and massive climate changes at the end of

the ice age? And how did founding populations (especially in the Americas) manage successful settlement, relatively rapidly, in ecosystems entirely foreign to them? It further initiates questions about the universal role that astronomy (and even astrology) might have played in cognitive human evolution and the success of burgeoning sedentism and eventual "civilization" throughout the world. The book makes a substantial contribution because of the wealth of cultural information it provides from Monte Alegre. It explains the author's analysis of pictographs, lithics, and landscape modifications that were excavated there and provides novel findings on the chronology and archaeoastronomy of the art. This book is indispensable for courses about Paleoindians, peopling of the Americas, environmental anthropology, cosmology, rock art studies, archeoastronomy, paleoecology, paleoethnobotany, and Amazonia. The pan-American indications of this work will appeal to archaeologists, historians, art historians, folklorists, Native American and Indigenous scholars, evolutionists, cognitive scientists, geographers, and the general public.