1. Record Nr. UNINA9910373934003321 Autore Powell Jonathan **Titolo** From Cave Art to Hubble: A History of Astronomical Record Keeping // by Jonathan Powell Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2019 **ISBN** 3-030-31688-2 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (VII, 265 p. 16 illus., 15 illus. in color.) Collana Astronomers' Universe, , 1614-659X 520 Disciplina Soggetti **Astronomy** Observations, Astronomical Astronomy—Observations History Technology—History Popular Science in Astronomy Astronomy, Observations and Techniques History of Science History of Technology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter One - Introduction -- Chapter Two - Cave Paintings - Part I --Nota di contenuto Chapter Three - Cave Paintings - Part II -- Chapter Four - The Astrolabe -- Chapter Five - Supernovae -- Chapter Six - Mercury Transitions -- Chapter Seven - Shi Shen to Charles Messier -- Chapter Eight - The 1639 Transit of Venus -- Chapter Nine - Comets --Chapter Ten – Astronomical Observatories -- Chapter Eleven – Fossils, Tree Rings, and Ice -- Index. Sommario/riassunto Since ancient times, humans have engaged in a continual quest to make sense of the night sky. Cultures across the world recorded their earliest efforts in artwork made directly on the natural landscapes around them, and from there developed increasingly sophisticated techniques for observing and documenting astronomy. This book brings readers on an astronomical journey through the ages, offering a

history of how our species has recorded and interpreted the night sky.

From cave art to parchment scribe to modern X-ray mapping of the sky, it chronicles the development of tools that informed and at times entirely toppled our understanding of the natural world. Our recording techniques formed the bedrock for increasingly complex forays into astronomy and celestial mechanics. In addition to these topics, the book explores how nature itself has recorded the skies in its own way, which we can unravel through geological and archaeological studies. This tale of human discovery and ingenuity over the ages will appeal to anybody interested in astronomy and its rich cultural history.