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Titolo	The age of everything [[electronic resource]] : how science explores the past / / Matthew Hedman
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Descrizione fisica	1 online resource (259 p.)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- The calendars of the classic Maya -- Precession, polaris, and the age of the pyramids -- The physics of carbon-14 -- Calibrating carbon-14 dates and the history of the air -- Carbon-14 and the peopling of the new world -- Potassium, argon, DNA, and walking upright -- Molecular dating and the many different types of mammals -- Meteorites and the age of the solar system -- Colors, brightness, and the age of stars -- Distances, redshifts, and the age of the universe -- Parameterizing the age of the universe.
Sommario/riassunto	Taking advantage of recent advances throughout the sciences, Matthew Hedman brings the distant past closer to us than it has ever been. Here, he shows how scientists have determined the age of everything from the colonization of the New World over 13,000 years ago to the origin of the universe nearly fourteen billion years ago.Hedman details,

for example, how interdisciplinary studies of the Great Pyramids of Egypt can determine exactly when and how these incredible structures were built. He shows how the remains of humble trees can illuminate how the surface
