1. Record Nr. UNINA9910457001603321 Autore Hoffecker John F Titolo Landscape of the mind [[electronic resource]]: human evolution and the archaeology of thought / / John F. Hoffecker New York, : Columbia University Press, c2011 Pubbl/distr/stampa 1-78402-551-8 **ISBN** 1-283-09396-0 9786613093967 0-231-51848-X Descrizione fisica 1 online resource (281 p.) Disciplina 153.4 Soggetti Human evolution Brain - Evolution Thought and thinking 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 and Acknowledgments -- 1 Modernity and Infinity / Descartes, René -- 2 Daydreams of the Lower Paleolithic / Shaw, George Bernard -- 3 Modern Humans and the Super-Brain / Hobbes, Thomas -- 4 The Upper Paleolithic as History / Obama, Barack -- 5 Mindscapes of the Postglacial Epoch / Childe, V. Gordon -- 6 The Vision Animal / More, Thomas -- Notes --Bibliography -- Index In Landscape of the Mind, John F. Hoffecker explores the origin and Sommario/riassunto growth of the human mind, drawing on archaeology, history, and the fossil record. He suggests that, as an indirect result of bipedal locomotion, early humans developed a feedback relationship among their hands, brains, and tools that evolved into the capacity to externalize thoughts in the form of shaped stone objects. When anatomically modern humans evolved a parallel capacity to externalize thoughts as symbolic language, individual brains within social groups

became integrated into a "neocortical Internet," or super-brain, giving birth to the mind. Noting that archaeological traces of symbolism

coincide with evidence of the ability to generate novel technology, Hoffecker contends that human creativity, as well as higher order consciousness, is a product of the superbrain. He equates the subsequent growth of the mind with human history, which began in Africa more than 50,000 years ago. As anatomically modern humans spread across the globe, adapting to a variety of climates and habitats, they redesigned themselves technologically and created alternative realities through tools, language, and art. Hoffecker connects the rise of civilization to a hierarchical reorganization of the super-brain, triggered by explosive population growth. Subsequent human history reflects to varying degrees the suppression of the mind's creative powers by the rigid hierarchies of nationstates and empires, constraining the further accumulation of knowledge. The modern world emerged after 1200 from the fragments of the Roman Empire, whose collapse had eliminated a central authority that could thwart innovation. Hoffecker concludes with speculation about the possibility of artificial intelligence and the consequences of a mind liberated from its organic antecedents to exist in an independent, nonbiological form.