1. Record Nr. UNINA9910457435503321 Autore Sterelny Kim Titolo The evolved apprentice: how evolution made humans unique / / Kim Sterelny Pubbl/distr/stampa Cambridge, Massachusetts;; London, England:,: The MIT Press,, 2012 ©2012 **ISBN** 0-262-30049-4 0-262-30281-0 Descrizione fisica 1 online resource (259 p.) Collana Jean Nicod Lectures Disciplina 155.7 Soggetti Evolutionary psychology Cooperation Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "A Bradford book." Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Series Foreword; Preface; Chapter 1. The Challenge of Novelty; 1.1 Introduction; 1.2 The Social Intelligence Hypothesis; 1.3 Cooperative Foraging; 1.4 Cooperative Foraging and Knowledge Accumulation: 1.5 Life in a Changing World: Chapter 2. Accumulating Cognitive Capital; 2.1 A Lineage Explanation of Social Learning; 2.2 Feedback Loops; 2.3 The Apprentice Learning Model; Chapter 3. Adapted Individuals, Adapted Environments; 3.1 Behavioral Modernity; 3.2 The Symbolic Species; 3.3 Public Symbols and Social Worlds; 3.4 Preserving and Expanding Information 3.5 Niche Construction and Neanderthal Extinction Chapter 4. The Human Cooperation Syndrome: 4.1 Triggering Cooperation: 4.2 A Cooperation Complex; 4.3 The Grandmother Hypothesis; 4.4 Foragers: Ancient and Modern; 4.5 Hunting: Provisioning or Signaling?; Chapter 5. Costs and Commitments; 5.1 Free Riders; 5.2 Control and Commitment; 5.3 Commitment Mechanisms; 5.4 Signals, Investments.

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Sommario/riassunto

Kim Sterelny develops a novel account of the speed and extent of human evolutionary divergence from the great ape stock. The book does not explain human uniqueness by positing a critical adaptive breakthrough (episodic memory; advanced theory of mind; planning and causal reasoning; language). Rather, it identifies a series of positive feedback loops between initially minor advances in social tolerance, ecological flexibility, cooperative foraging, social learning, and links the results of these feedback loops to the archaeological and anthropological record.