

1. Record Nr.	UNINA9910502619603321
Autore	Hemminger Hansjorg
Titolo	Evolutionary Processes in the Natural History of Religion : Body, Brain, Belief / / by Hansjörg Hemminger
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-70408-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (209 pages)
Collana	New Approaches to the Scientific Study of Religion, , 2367-3508 ; ; 10
Disciplina	200.9
Soggetti	Religion - History Religion and science Evolution (Biology) History of Religion Religion and Sciences Evolutionary Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- I. Religion through the eyes of a biologist -- 1. Evolution in all its facets -- 2. The scientific approach to religion -- 3. What do we know? What can be known? -- 4. Understanding religion from the inside -- II. About evolutionary biology and the evolution of religion -- 5. Evolution: The Modern Synthesis -- 6. Extended Evolutionary Synthesis, epigenetics and the contingency of evolution -- 7. Gene-culture coevolution -- III. Phenomenology of Paleolithic religion -- 8. A story told backwards -- 9. The beginning and the end: Pre-human and Neolithic religion -- 10. Hominin pre-adaptations: Background to the evolution of religion -- IV. CSR: The cognitive science of religion -- 11. Evolutionary psychology and religion -- 12. Religious fanaticism -- 13. Practical religion and spirituality -- 14. Magic, religion and evolutionary ethics -- V. Modeling the evolutionary path to culture and religion -- 15. Multi-level models of religious evolution -- 16. Conclusion and outlook.
Sommario/riassunto	The study of religion by the humanities and social sciences has become receptive for an evolutionary perspective. Some proposals model the

evolution of religion in Darwinian terms, or construct a synergy between biological and non-Darwinian processes. The results, however, have not yet become truly interdisciplinary. The biological theory of evolution in form of the Extended Evolutionary Synthesis (EES) is only sparsely represented in theories published so far by scholars of religion. Therefore this book reverses the line of view and asks how their results assort with evolutionary biology: How can the subject area “religion” integrated into behavioral biology? How is theory building affected by the asymmetry between the scarce empirical knowledge of prehistoric religion, and the body of knowledge about extant and historic religions? How does hominin evolution in general relate to the evolution of religion? Are there evolutionary pre-adaptations? Subsequent versions of evolutionary biology from the original Darwinism to EES are used in interdisciplinary constructs. Can they be integrated into a comprehensive theory? The biological concept most often used is co-evolution, in form of a gene-culture co-evolution. However, the term denotes a process different from biological co-evolution. Important EES concepts do not appear in present models of religious evolution: e.g. neutral evolution, evolutionary drift, evolutionary constraints etc. How to include them into an interdisciplinary approach? Does the cognitive science of religion (CSR) harmonize with behavioral biology and the brain sciences? Religion as part of human culture is supported by a complex, multi-level behavioral system. How can it be modeled scientifically? The book addresses graduate students and researchers concerned about the scientific study of religion, and biologist interested in interdisciplinary theory building in the field.

2. Record Nr.	UNINA9911019300303321
Autore	Miller James M. <1933->
Titolo	Chromatography : concepts and contrasts / / James M. Miller
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2005
ISBN	9786610287406 9780471980582 0471980587 9781280287404 1280287403 9780470530252 0470530251 9780471980599 0471980595
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (518 p.)
Disciplina	543/.8
Soggetti	Chromatographic analysis
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	Impact of industrial and governmental regulatory practices on analytical chromatography -- Introduction to chromatography -- Band broadening and kinetics -- Physical forces and interactions -- Optimization and the achievement of separation -- Comparisons between chromatographic modes -- Gas chromatography -- Liquid chromatography in columns -- Quantitation : detectors and methods -- Chromatography with mass spectral detection (GC/MS and LC/MS) -- Liquid chromatography on plane surfaces -- Qualitative analysis -- Capillary electrophoresis and capillary electrochromatography -- Sample preparation -- Special applications -- Selection of a method.
Sommario/riassunto	The first edition of Chromatography: Concepts and Contrasts, published in 1988, was one of the first books to discuss all the different types of chromatography under one cover. The second edition continues with these principles but has been updated to include new chapters on sampling and sample preparation, capillary electrophoresis

and capillary electrochromatography (CEC), chromatography with mass spec detection, and industrial and governmental practices in regulated industries. Covers extraction, solid phase extraction (SPE), and solid phase microextraction (SPME), and introd
