

1. Record Nr.	UNINA9910452094803321
Titolo	Reconstructing evolution [[electronic resource]] : new mathematical and computational advances / / edited by Olivier Gascuel and Mike Steel
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2007
ISBN	1-281-14911-X 9786611149116 0-19-152598-7 1-4294-9856-0
Descrizione fisica	1 online resource (349 p.)
Altri autori (Persone)	GascuelOlivier <1956-> SteelM. A
Disciplina	576.8015118
Soggetti	Evolution (Biology) - Mathematical models Biology - Mathematical models Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This book arises from the Mathematics of Evolution & Phylogenetics meeting at the Mathematical Institute Henri Poincare, Paris, in June 2005 and is based on ... reports presented by keynote speakers."-- Back cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; List of Contributors; I: Evolution in Populations; II: Models of sequence evolution; III: Tree shape, speciation, and extinction; IV: Trees from subtrees and characters; V: From trees to networks; Index
Sommario/riassunto	Evolution is a complex process, acting at multiple scales, from DNA sequences and proteins to populations of species. This collection of 10 chapters - based around five themes - provides a detailed overview of the key topics, from the underlying concepts to the latest results. - ; Evolution is a complex process, acting at multiple scales, from DNA sequences and proteins to populations of species. Understanding and reconstructing evolution is of major importance in numerous subfields of biology. For example, phylogenetics and sequence evolution is central to comparative genomics, attempts to dec

