

1. Record Nr.	UNINA9910144414603321
Titolo	A companion to the philosophy of biology [[electronic resource] /] / edited by Sahotra Sarkar and Anya Plutynski
Pubbl/distr/stampa	Malden, MA, : Blackwell Pub., 2008
ISBN	1-78268-628-2 1-282-34206-1 9786612342066 1-4051-8026-9 0-470-69659-1 0-470-69584-6
Descrizione fisica	1 online resource (617 p.)
Collana	Blackwell companions to philosophy ; ; 39
Altri autori (Persone)	SarkarSahotra PlutynskiAnya
Disciplina	570.1
Soggetti	Biology - Philosophy
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	A Companion to the Philosophy of Biology; Contents; List of Figures; List of Tables; Notes on Contributors; Acknowledgments; Introduction; Part I Molecular Biology and Genetics; 1 Gene Concepts; 2 Biological Information; 3 Heredity and Heritability; 4 Genomics, Proteomics, and Beyond; Part II Evolution; 5 Darwinism and Neo-Darwinism; 6 Systematics and Taxonomy; 7 Population Genetics; 8 The Units and Levels of Selection; 9 Molecular Evolution; 10 Speciation and Macroevolution; 11 Adaptationism; Part III Developmental Biology; 12 Phenotypic Plasticity and Reaction Norms 13 Explaining the Ontogeny of Form: Philosophical Issues14 Development and Evolution; Part IV Medicine; 15 Self and Nonself; 16 Health and Disease; Part V Ecology; 17 Population Ecology; 18 Complexity, Diversity, and Stability; 19 Ecosystems; 20 Biodiversity: Its Meaning and Value; Part VI Mind and Behavior; 21 Ethology, Sociobiology, and Evolutionary Psychology; 22 Cooperation; 23 Language and Evolution; Part VII Experimentation, Theory, and Themes; 24 What is Life?; 25 Experimentation; 26 Laws and Theories; 27 Models;

Sommario/riassunto

Comprised of essays by top scholars in the field, this volume offers detailed overviews of philosophical issues raised by biology. Brings together a team of eminent scholars to explore the philosophical issues raised by biology. Addresses traditional and emerging topics, spanning molecular biology and genetics, evolution, developmental biology, immunology, ecology, mind and behaviour, neuroscience, and experimentation. Begins with a thorough introduction to the field. Goes beyond previous treatments that focused only on evolution to give equal attention to other areas, such as
