

1. Record Nr.	UNINA9910483825903321
Titolo	Handbook of the Historiography of Biology // edited by Michael R. Dietrich, Mark E. Borrello, Oren Harman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-319-90119-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xiv, 538 pages) : illustrations
Collana	Historiographies of Science, , 2523-7756
Disciplina	574
Soggetti	Science - History Medical genetics Biotechnology Developmental biology Evolution (Biology) History of Science Medical Genetics Developmental Biology and Stem Cells Evolutionary Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction: Historiography and the History of Biology – Michael R. Dietrich and Mark Borrello -- Chapter 1. Charles Darwin and the Darwinian Tradition; Janet Browne -- Chapter 2. Modern Evolutionary Biology; Mark Borrello -- Chapter 3. Ecology and Environmental History; Gena Rummel -- Chapter 4. History of Natural History; Bruno Strasser -- Chapter 5. Gregor Mendel and 19th century Heredity; Staffan Mueller-Wille -- Chapter 6. Eugenics; Paul Weindling -- Chapter 7. Modern Genetics and Genomics; Michel R. Dietrich -- Chapter 8. Molecular Biology; Michel Morange -- Chapter 9. Biomedicine; Nick Rasmussen -- Chapter 10. Developmental Biology; Jane Mayschein -- Chapter 11. Organisms and Traditions of Research; Rachel Ankeny and Sabine Leonelli -- Chapter 12. Biotechnology; Nathan Crowe -- Chapter 13. Biological Practice and Experimentation; Hannah Landecker -- Chapter 14. Biography; Oren Harman -- Chapter 15. Women in Biology;

Sommario/riassunto

This handbook offers original, critical perspectives on different approaches to the history of biology. This collection is intended to start a new conversation among historians of biology regarding their work, its history, and its future. Historical scholarship does not take place in isolation: As historians create their narratives describing the past, they are in dialogue not only with their sources but with other historians and other narratives. One important task for the historian is to place her narrative in a historiographic lineage. Each author in this collection offers their particular perspective on the historiography of a range of topics from Model Organisms to Eugenics, Molecular Biology to Biotechnology, Women, Race, Scientific Biography, Genetics, Darwin and more. Rather than comprehensive literature reviews, the essays critically reflect upon important historiographic trends, offering pointed appraisals of the field by leading scholars. Other authors will surely have different perspectives, and this is the beauty and challenge of history-making. The Handbook of the Historiography of Biology presents an opportunity to engage with each other about how the history of biology has been and will be written.