

1. Record Nr.	UNINA9910451863403321
Autore	Merrell David J (David John)
Titolo	Ecological genetics [[electronic resource] /] / David J. Merrell
Pubbl/distr/stampa	Minneapolis, : University of Minnesota Press, c1981
ISBN	0-8166-5520-0 1-4356-0618-3
Descrizione fisica	1 online resource (513 p.)
Disciplina	576.58
Soggetti	Ecological genetics Ecology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliography and index.
Nota di contenuto	Preface; Acknowledgments; Contents; Chapter 1 The Nature of Ecological Genetics; Chapter 2 Adaptation; Chapter 3 Biological Variation; Chapter 4 Mutation; Chapter 5 Natural Selection; Chapter 6 Balanced Polymorphism; Chapter 7 Polymorphism and Population Dynamics; Chapter 8 Genetic Loads; Chapter 9 Chromosomal Polymorphism; Chapter 10 Random Genetic Drift; Chapter 11 Migration and Gene Flow; Chapter 12 The Origin of Races; Chapter 13 Neutralist vs. Selectionist; Chapter 14 The Species Concept; Chapter 15 The Origin of Species; Chapter 16 Competition; References; Index
Sommario/riassunto	Ecological Genetics was first published in 1981. Population genetics and population ecology originally developed independently, but are now merging into a discipline known as ecological genetics. Thus far, the union has been an uneasy one, and this book is an effort to further the union. The ecological geneticist is an experimental naturalist, concerned not just with the distribution and abundance of populations but with their genetic compositions as well. The methodology involves field and laboratory research and permits study of the ways that natural populations adapt to their physical and b