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Titolo	A primer of conservation genetics // Richard Frankham, Jonathan D. Ballou, David A. Briscoe ; line drawings by Karina H. McInnes [[electronic resource]]
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Descrizione fisica	1 online resource (xii, 220 pages) : digital, PDF file(s)
Disciplina	576.5/8
Soggetti	Ecological genetics Genetics Conservation biology Biodiversity Evolutionary genetics Biologia de la conservació Biodiversitat Genètica evolutiva
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Nota di contenuto	Cover; Half-title; Title; Copyright; Contents; Preface; Take-home messages; Acknowledgments; Chapter 1 Introduction; Chapter 2 Genetic diversity; Chapter 3 Evolutionary genetics of natural populations; Chapter 4 Genetic consequences of small population size;

Chapter 5 Genetics and extinction; Chapter 6 Resolving taxonomic uncertainties and defining management units; Chapter 7 Genetic management of endangered species in the wild; Chapter 8 Captive breeding and reintroduction; Chapter 9 Molecular genetics in forensics and understanding species biology; Final messages; Glossary

Sommario/riassunto

This concise, entry level text provides an introduction to the importance of genetic studies in conservation and presents the essentials of the discipline in an easy-to-follow format, with main points and terms clearly highlighted. The authors assume only a basic knowledge of Mendelian genetics and simple statistics, making the book accessible to those with a limited background in these areas. Connections between conservation genetics and the wider field of conservation biology are interwoven throughout the book. Worked examples are provided throughout to help illustrate key equations and glossary and suggestions for further reading provide additional support for the reader. Many beautiful pen and ink portraits of endangered species are included to enhance the text. Written for short, introductory level courses in genetics, conservation genetics and conservation biology, this book will also be suitable for practising conservation biologists, zoo biologists and wildlife managers.
