Record Nr. UNINA9910782972803321 Autore Hoglund Jacob <1958-> Titolo Evolutionary Conservation Genetics [[electronic resource]] Oxford,: Oxford University Press, UK, 2009 Pubbl/distr/stampa **ISBN** 1-282-05309-4 9786612053092 0-19-155026-4 1 online resource (200 p.) Descrizione fisica Disciplina 576.58 **Genetic Variation** Soggetti **Biological Evolution** Extinction, Biological Biodiversity conservation Biodiversity Conservation biology **Ecological genetics Evolutionary genetics** Lingua di pubblicazione Inglese

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Nota di contenuto Contents: Preface and acknowledgements: 1 The extinction vortex, is

genetic variation related to extinction?; 2 How to measure genetic variation; 3 Inbreeding, geographic subdivision, and gene flow; 4 Genetic diversity in changing environments; 5 Genes under selection: Mhc and others; 6 Local adaptation; 7 Ecological genomics; 8 An

evolutionary conservation biology; References; Index

Sommario/riassunto Conservation genetics focuses on understanding the role of genetic variation for population persistence. This book is about the methods

used to study genetic variation in endangered species and whether genetic variation matters in the extinction of species. - ;Conservation genetics focuses on understanding the role and requirement of genetic variation for population persistence. However, considerable debate now

surrounds the role of genetic factors (as opposed to non-genetic

factors such as habitat destruction etc.) in population extinction, and a