1. Record Nr. UNINA9911104494703321

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Titolo	BackTrack : testing wireless network security / / Kevin Cardwell
Pubbl/distr/stampa	Birmingham, : Packt Pub., 2013
ISBN	9781782164074 1782164073
Edizione	[1st ed.]
Descrizione fisica	1 online resource (108 p.)
Collana	Open source : community experience distilled
Disciplina	005.8
Soggetti	Wireless communication systems - Security measures - Testing Computer networks - Security measures - Testing Open source software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Secure your wireless networks against attacks, hacks, and intruders with this step-by-step guide." Includes index.
Nota di contenuto	Installing and configuring BackTrack -- Working with the wireless card -- Surveying your wireless zone -- Breaching wireless security -- Securing your wireless network.
Sommario/riassunto	Written in an easy-to-follow step-by-step format, you will be able to get started in next to no time with minimal effort and zero fuss. BackTrack: Testing Wireless Network Security is for anyone who has an interest in security and who wants to know more about wireless networks.All you need is some experience with networks and computers and you will be ready to go.

2. Record Nr. UNINA9911143452803321

Titolo	Conservation and the genetics of populations / / Fred W. Allendorf, Gordon Luikart, Sally N. Aitken ; with illustrations by Agostinho Antunes
Pubbl/distr/stampa	Chichester, West Sussex, : Wiley-Blackwell, 2013
ISBN	1-118-40857-8 1-283-64455-X 1-118-40856-X 9781118408568
Edizione	[2nd ed]
Descrizione fisica	1 online resource (630 p.)
Collana	New York Academy of Sciences Ser.
Classificazione	467 333.95/16
Disciplina	333.95/16 333.9516 577.88
Soggetti	Biodiversity conservation Population genetics Evolutionary genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references (p. [531]-586) and index
Nota di contenuto	Title page; Copyright page; Contents; Guest Box authors; Preface; Preface to the first edition; List of symbols; PART I: Introduction; CHAPTER 1: Introduction; 1.1 Genetics and Civilization; 1.2 What Should We Conserve?; 1.2.1 Phylogenetic diversity; 1.2.2 Populations, species, or ecosystems?; 1.3 How Should We Conserve Biodiversity?; 1.4 Applications of Genetics to Conservation; 1.5 The Future; Guest Box 1: L. Scott Mills and Michael E. Soule, The role of genetics in conservation; CHAPTER 2: Phenotypic variation in natural populations; 2.1 Color Pattern; 2.2 Morphology; 2.3 Behavior 2.4 Phenology2.5 Differences Among Populations; 2.5.1 Countergradient variation; 2.6 Nongenetic Inheritance; Guest Box 2: Chris J. Foote, Looks can be deceiving: countergradient variation in secondary sexual color in sympatric morphs of sockeye salmon; CHAPTER 3: Genetic variation in natural populations: chromosomes and proteins; 3.1 Chromosomes; 3.1.1 Karyotypes; 3.1.2 Sex

chromosomes; 3.1.3 Polyploidy; 3.1.4 Numbers of chromosomes; 3.1.5 Supernumerary chromosomes; 3.1.6 Chromosomal size; 3.1.7 Inversions; 3.1.8 Translocations; 3.1.9 Chromosomal variation and conservation
3.2 Protein Electrophoresis3.2.1 Strengths and limitations of protein electrophoresis; 3.3 Genetic Variation within Natural Populations; 3.3.1 Data from natural populations; 3.4 Genetic Divergence Among Populations; Guest Box 3: E. M. Tuttle, Chromosomal polymorphism in the white-throated sparrow; CHAPTER 4: Genetic variation in natural populations: DNA; 4.1 Mitochondrial and Chloroplast Organelle DNA; 4.1.1 Restriction endonucleases and RFLPs; 4.1.2 Polymerase chain reaction; 4.2 Single-Copy Nuclear Loci; 4.2.1 Microsatellites; 4.2.2 PCR of protein-coding loci
4.2.3 Single nucleotide polymorphisms4.2.4 Sex-linked markers; 4.3 Multiple Locus Techniques; 4.3.1 Minisatellites; 4.3.2 AFLPs and ISSRs; 4.4 Genomic Tools and Markers; 4.4.1 High-throughput sequencing; 4.4.2 Inferences from sequence data; 4.4.3 EST sequencing applications; 4.4.4 SNP discovery and genotyping by sequencing; 4.5 Transcriptomics; 4.6 Other 'Omics' and The Future; 4.6.1 Metagenomics; Guest Box 4: Louis Bernatchez Rapid evolutionary changes of gene expression in domesticated Atlantic salmon and its consequences for the conservation of wild populations
PART II: Mechanisms of Evolutionary ChangeCHAPTER 5: Random mating populations: Hardy-Weinberg principle; 5.1 Hardy-Weinberg Principle; 5.2 Hardy-Weinberg Proportions; 5.3 Testing for Hardy-Weinberg Proportions; 5.3.1 Small sample sizes or many alleles; 5.3.2 Multiple simultaneous tests; 5.4 Estimation of Allele Frequencies; 5.4.1 Recessive alleles; 5.4.2 Null alleles; 5.5 Sex-Linked Loci; 5.5.1 Pseudoautosomal inheritance; 5.6 Estimation of Genetic Variation; 5.6.1 Heterozygosity; 5.6.2 Allelic richness; 5.6.3 Proportion of polymorphic loci
Guest Box 5: Paul Sunnucks and Birgita D. Hansen, Null alleles and Bonferroni 'abuse': treasure your exceptions (and so get it right for Leadbeater's possum)

Sommario/riassunto

Loss of biodiversity is among the greatest problems facing the world today. Conservation and the Genetics of Populations gives a comprehensive overview of the essential background, concepts, and tools needed to understand how genetic information can be used to conserve species threatened with extinction, and to manage species of ecological or commercial importance. New molecular techniques, statistical methods, and computer programs, genetic principles, and methods are becoming increasingly useful in the conservation of biological diversity. Using a balance of data and theory, coupled w