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Collana	Developments in Forensic Science
Altri autori (Persone)	WallaceJohn R <1960-> (John Robert)
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Nota di contenuto	Wildlife Forensics; Contents; Developments in Forensic Science; About the Editors; List of Contributors; Foreword; Acknowledgements; 1 Wildlife Ownership; Introduction; Ancient Rome and the Concept of Res Nullius; Common Law England: The King's Ownership; The New World: Hunting for the Market; Management: The Property Right of States; Federal Law and the Regulatory State; Globalization: Working toward Worldwide Conservation Practices; Conclusion; Cases Cited; References; 2 Society for Wildlife Forensic Science; Introduction; Formation of the Society; The Code of Ethics Membership of the SocietyMember Labs; Proficiency Program; Scientific Working Group for Wildlife Forensic Sciences (SWGWILD); Conclusion; References; 3 The Application of Forensic Science to Wildlife Evidence; Introduction; Overview of Forensic Science; History of Wildlife Forensics; Enforcement of Wildlife Protection Policy; Development of Wildlife Forensic Laboratories; Current Perceptions; Conclusion; Acknowledgements; References; 4 Defining a Crime Scene and Physical

Evidence Collection; Introduction; Definition of a Crime Scene; Questions to Be Asked; Scene Priority  
First Responding Officer; Securing the Scene; Chain of Custody; Processing the Scene; Initial Documentation; Scene Documentation; Remains in an Aquatic Environment; Collection of Evidence; Review of Scene Processing; Final Inspection; References; 5 Forensic Evidence Collection and Cultural Motives for Animal Harvesting; Introduction; Wild Animals as Pharmacoepias; Trade in Wild Animals; Recovering Evidence at Poaching Scenes; Locating the Burial: Anomalies on the Surface; Acknowledgements; References; 6 Forensic Entomology and Wildlife; Introduction  
Application of Forensic Entomology to Wildlife Crimes; Arthropods Commonly Encountered; Diptera; Coleoptera; Sampling; Conclusion; Appendix; Acknowledgements; References; 7 Wildlife Forensic Pathology and Toxicology in Wound Analysis and Pesticide Poisoning; Introduction; Wound Analysis; Wildlife Poisoning by Insecticides; Wildlife Poisoning by Rodenticides; References; 8 The Use of Hair Morphology in the Identification of Mammals; Introduction; Types of Hair; Hair Structure; Techniques for Studying Hair Structure; Conclusion; References; 9 Plants and Wildlife Forensics; Introduction  
Plants as Trace Evidence; Poisonous Plants; The Basics of Collecting and Preserving Botanical Evidence; Finding a Forensic Botanist; Conclusion; Acknowledgements; References; 10 Identification of Reptile Skin Products Using Scale Morphology; Introduction; International Trade in Reptile Skins; Challenges to Species Identification of Reptile Skin Products; Species and Products Represented in the Reptile Skin Trade; Reptile Scale Morphology Basics and Current Limitations; Identifying Features of Major Reptile Groups; Conclusion; Acknowledgements; References  
11 Best Practices in Wildlife Forensic DNA

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Sommario/riassunto

Wildlife Forensics: Methods and Applications provides an accessible and practical approach to the key areas involved in this developing subject. The book contains case studies throughout the text that take the reader from the field, to the lab analysis to the court room, giving a complete insight into the path of forensic evidence and demonstrating how current techniques can be applied to wildlife forensics. The book contains approaches that wildlife forensic investigators and laboratory technicians can employ in investigations and provides the direction and practical advice required by

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