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Autore	Rees Paul A.
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Many Zoos?"; "3.4 Where are the World's Zoos?"; "3.5 Zoo Closures"; "3.6 Further Reading"; "3.7 Exercises"; "Chapter 4: Zoo Organisation and Management"; "4.1 Introduction"; "4.2 the International, Regional and National Organisation of Zoos"; "4.3 Keeper Organisations"; "4.4 International Union for the Conservation of Nature and Natural Resources (IUCN)"; "4.5 Wildlife Ngos"; "4.6 the Organisation and Management of a Zoo"; "4.7 Further Reading and Resources"; "4.8 Exercises"; "Chapter 5: Zoo Legislation"; "5.1 Introduction"; "5.2 Who Licenses Zoos?"; "5.3 Other Wildlife and Zoo-Related Legislation"; "5.4 Health and Safety Law"; "5.5 Environmental Protection"; "5.6 Codes of Practice and Government Policies"; "5.7 Further Reading and Resources"; "5.8 Exercises"; "Chapter 6: Ethics and Zoos"; "6.1 Ethics"; "6.2 Animal Welfare Organisations and Anti-Zoo Groups"; "6.3 Further Reading"; "6.4 Exercises"; "Part 2: Enclosures, Husbandry and Behaviour"; "Chapter 7: Zoo and Exhibit Design"; "7.1 Introduction"; "7.2 Zoo Design"; "7.3 Enclosure and Exhibit Design"; "7.4 Barrier Design"; "7.5 Types of Exhibits"; "7.6 Health and Safety"; "7.7 Animal Enclosure Requirements"; "7.8 Introducing Animals to a New Enclosure"; "7.9 Separation of Animals at Night"; "7.10 Hygiene"; "7.15 Enclosure Design and Sustainability"; "7.12 Further Reading and Resources"; "7.13 Exercises"; "Chapter 8: Nutrition and Feeding"; "8.1 Introduction"; "8.2 The Constituents of Food"; "8.3 Energy"; "8.4 Feeding Modes and Behaviours"; "8.5 Digestive Systems"; "8.6 What Should Zoos Feed Their Animals?"; "8.7 How Should Food and Water be Presented?"; "8.8 Feeding By Visitors"; "8.9 Food Preparation and Storage"; "8.10 Nutritional Problems"; "8.11 Sources of Dietary Information"; "8.12 Further Reading and Resources"; "8.13 Exercises"; "Chapter 9: Reproductive Biology"

Sommario/riassunto

"This book is intended as an introductory text for students studying a wide range of courses concerned with animal management, zoo biology and wildlife conservation, and should also be useful to zookeepers and other zoo professionals. It is divided into three parts. Part 1 considers the function of zoos, their history, how zoos are managed, ethics, zoo legislation and wildlife conservation law. Part 2 discusses the design of zoos and zoo exhibits, animal nutrition, reproduction, animal behaviour (including enrichment and training), animal welfare, veterinary care, animal handling and transportation. Finally, Part 3 discusses captive breeding programmes, genetics, population biology, record keeping, and the educational role of zoos, including a consideration of visitor behaviour. It concludes with a discussion of the role of zoos in the conservation of species in the wild and in species reintroductions. This book takes an international perspective and include a wide range of examples of the operation of zoos and breeding programmes particularly in the "--

"The aim of the book is to provide an introductory text on the biology of zoo animals and the management, regulation, organisation and conservation role of zoos"--