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Rethinking Human-Elephant Relations in South Asia Piers Locke 2016-01-23 As formidable instruments of war, they have changed the destinies of empires. As marauding crop raiders, they are despised. As an endangered species, they are cherished. Numerous and often contrasting are the ways in which elephants have been regarded by humans across millennia. Today, with reduced forest cover, human population expansion, and increasing industrialization, interaction between the two species is unavoidable and conflict is not mere happenstance. What, then, is the future of this relationship? In South Asia, human-elephant relationships resonate with cultural significance. From the importance of elephants in ancient texts to the role of mahouts over centuries, from discussions on de-extinction to accounts of intimate companionship, the essays in this book reveal the various dynamics of the relationship between two intelligent social mammals. Eschewing such binaries as human and animal or nature and culture, the essays present elephants as subjective agents who think, feel, and emote. Conflict, Negotiation, and Coexistence underscores the fact that we cannot understand elephant habitat and behaviour in isolation from the humans that help configure it. Significantly, nor can we understand human political, economic, and social life without the elephants that shape and share the world with them.

Mammals of Africa: Volume I Jonathan Kingdon 2014-11-20 Mammals of Africa (MoA) is a series of six volumes which describes, in detail, every currently recognized species of African land mammal. This is the first time that such extensive coverage has ever been attempted, and the volumes incorporate the very latest information and detailed discussion of the morphology, distribution, biology and evolution (including reference to fossil and molecular data) of Africa's mammals. With more than 1,160 species and 16-18 orders, Africa has the greatest diversity and abundance of mammals in the world. The reasons for this and the mechanisms behind their evolution are given special attention in the series. Each volume follows the same format, with detailed profiles of every species and higher taxa. The series includes hundreds of colour illustrations and pencil drawings by Jonathan Kingdon highlighting the morphology and behaviour of the species concerned, as well as line drawings of skulls and jaws by Jonathan Kingdon and Meredith Happold. Every species also includes a detailed distribution map. Edited by Jonathan Kingdon, David Happold, Tom Butynski, Mike Hoffmann, Meredith Happold and Jan Kalina, and written by more than 350 authors, all experts in their fields, Mammals of Africa is as comprehensive a compendium of current knowledge as is possible. Extensive references alert readers to more detailed information. This first volume in the series comprises eight introductory chapters covering topics such as evolution, geography and geology, biotic zones, classification, behaviour and morphology. The rest of the book is devoted to the Afrotheria, a grouping that comprises six orders and 49 species; these are the hyraxes, elephants, manatees, otter-shrews, golden-moles, sengis (elephant-shrews) and Aardvark.

Conservation Biology for All Navjot S. Sodhi 2010 Conservation Biology for All provides cutting-edge but basic conservation science to a global readership. A series of authoritative chapters have been written by the top names in conservation biology with the principal aim of disseminating cutting-edge conservation knowledge as widely as possible. Important topics such as balancing conservation and human needs, climate change, conservation planning, designing and analyzing conservation research, ecosystem services,

endangered species management, extinctions, fire, habitat loss, and invasive species are covered. Numerous textboxes describing additional relevant material or case studies are also included. The global biodiversity crisis is now unstoppable; what can be saved in the developing world will require an educated constituency in both the developing and developed world. Habitat loss is particularly acute in developing countries, which is of special concern because it tends to be these locations where the greatest species diversity and richest centres of endemism are to be found. Sadly, developing world conservation scientists have found it difficult to access an authoritative textbook, which is particularly ironic since it is these countries where the potential benefits of knowledge application are greatest. There is now an urgent need to educate the next generation of scientists in developing countries, so that they are in a better position to protect their natural resources.

Elephants and Kings Thomas R. Trautmann 2015-08-03 Because of their enormous size, elephants have long been irresistible for kings as symbols of their eminence. In early civilizations—such as Egypt, Mesopotamia, the Indus Civilization, and China—kings used elephants for royal sacrifice, spectacular hunts, public display of live captives, or the conspicuous consumption of ivory—all of them tending toward the elephant's extinction. The kings of India, however, as Thomas R. Trautmann shows in this study, found a use for elephants that actually helped preserve their habitat and numbers in the wild: war. Trautmann traces the history of the war elephant in India and the spread of the institution to the west—where elephants took part in some of the greatest wars of antiquity—and Southeast Asia (but not China, significantly), a history that spans 3,000 years and a considerable part of the globe, from Spain to Java. He shows that because elephants eat such massive quantities of food, it was uneconomic to raise them from birth. Rather, in a unique form of domestication, Indian kings captured wild adults and trained them, one by one, through millennia. Kings were thus compelled to protect wild elephants from hunters and elephant forests from being cut down. By taking a wide-angle view of human-elephant relations, Trautmann throws into relief the structure of India's environmental history and the reasons for the persistence of wild elephants in its forests.

Biology, Medicine, and Surgery of Elephants Murray Fowler 2008-01-09 Elephants are possibly the most well-known members of the animal kingdom. The enormous size, unusual anatomy, and longevity of elephants have fascinated humans for millenia. Biology, Medicine, and Surgery of Elephants serves as a comprehensive text on elephant medicine and surgery. Based on the expertise of 36 scientists and clinical veterinarians, this volume covers biology, husbandry, veterinary medicine and surgery of the elephant as known today. Written by the foremost experts in the field Comprehensively covers both Asian and African elephants Complete with taxonomy, behavioral, geographical and systemic information Well-illustrated and organized for easy reference

Zoo and Wild Animal Medicine Murray E. Fowler 2008 With expert contributors from around the world sharing their knowledge on 57 new cutting-edge areas of interest, Zoo and Wild Animal Medicine, Volume 6 continues to provide outstanding coverage of today's most relevant topics. This book is an essential resource in zoo and wild animal medicine, addressing the special challenges posed by individual and herd medical management, newly emerging diseases in diverse wild animal populations, the effect of habitat loss

and destruction on wildlife species, and the utilization of zoo animals in the surveillance and detection of potential zoonoses. The user-friendly current therapy approach continues to serve a vital function in the field by fostering a conservation biology ethic, bridging the gap between captive and free-ranging wild animal medicine, from a diverse group of experts. Includes practical guidance on such topics as behavioral training for medical procedures and the use of infrared thermography. Divided into four sections -- Conditions Affecting Multiple Species, Poikilotherms, Avian Medicine, and Mammals -- to help you find the information you need quickly. Extensive contributor list includes multinational contributors offering expert information on species from around the world. Presents timely topics in zoo and wild animal medicine with 57 new chapters to provide the best and most current information available. The most up-to-date information on hot topics such as avian influenza, West Nile virus, and other pathogens threatening wildlife and human populations on a global scale. Cutting-edge insights on environmental and public health concerns, such as occupational exposure to zoonotic simian retroviruses and use of wildlife rehabilitation centers as monitors for ecosystem health. A color plate section presents vivid depictions of external clinical signs for more accurate clinical recognition.

Zoo Story Thomas French 2010-07-06 "This story, told by a master teller of such things, does more than take you inside the cages, fences, and walls of a zoo. It takes you inside the human heart, and an elephant's, and a primate's, and on and on. Tom French did in this book what he always does. He took real life and wrote it down for us, with eloquence and feeling and aching detail." -Rick Bragg, Pulitzer Prize-winning journalist and bestselling author "An insightful and detailed look at the complex life of a zoo and its denizens, both animal and human." -Yann Martel, author of *Life of Pi* and *Beatrice and Virgil* Welcome to the savage and surprising world of *Zoo Story*, an unprecedented account of the secret life of a zoo and its inhabitants. Based on six years of research, the book follows a handful of unforgettable characters at Tampa's Lowry Park Zoo: an alpha chimp with a weakness for blondes, a ferocious tiger who revels in Obsession perfume, and a brilliant but tyrannical CEO known as El Diablo Blanco. The sweeping narrative takes the reader from the African savannah to the forests of Panama and deep into the inner workings of a place some describe as a sanctuary and others condemn as a prison. *Zoo Story* shows us how these remarkable individuals live, how some die, and what their experiences reveal about the human desire to both exalt and control nature.

Demetrius the Besieger Pat Wheatley 2020-04 *Demetrius the Besieger* offers the first historical and historiographical biography of Demetrius Poliorcetes (336-282 BC) to be published in English. Also known as 'The Besieger of Cities', Demetrius is an outstanding, yet enigmatic figure who presided over the disintegration of Alexander the Great's Empire after 323 BC, and the most fascinating and high profile of the Diadochoi, or Successors to Alexander the Great. His campaigns, initiatives, and personal life bestride the opening forty years of the so-called 'Hellenistic' age and are pivotal in its formation as he became the first of the Hellenistic Kings. As his name suggests, Demetrius was prodigious in his military adventures, and profligate in his private life, rendering him an icon for artists, writers, politicians, and soldiers for many centuries. He was especially famous for his spectacular siege operations against enemy cities, and gained his unique nickname from his innovation in building gigantic siege engines, which became legendary in the ancient world. However, much of Demetrius' life was enigmatic, oscillating wildly between successful and catastrophic ventures, and his intrinsic qualities remain debatable to this day. What is indisputable is that he presided over a formative period in history marked by great flux and enormous change. His endeavours resulted in the fusion of Asiatic and Greek cultures, producing the hybrid Hellenistic kingdoms which dominated the ancient world for some 200 years until the rise of the Roman Empire. The period is of crucial importance in ancient Greek history, and marks the point from which Hellenistic influence became fundamental in the development of modern Western culture.

The Elephant in the Room Eviatar Zerubavel 2006-04-01 The fable of the Emperor's New Clothes is a classic example of a conspiracy of silence, a situation where everyone refuses to acknowledge an obvious truth. But the denial of social realities--whether incest, alcoholism, corruption, or even genocide-is no fairy tale. In *The Elephant in the Room*, Eviatar Zerubavel sheds new light on the social and political underpinnings of silence and denial-the keeping of "open secrets." The author shows that conspiracies of silence exist at every level of society, ranging from small groups to large corporations, from personal

friendships to politics. Zerubavel shows how such conspiracies evolve, illuminating the social pressures that cause people to deny what is right before their eyes. We see how each conspirator's denial is symbiotically complemented by the others', and we learn that silence is usually more intense when there are more people conspiring-and especially when there are significant power differences among them. He concludes by showing that the longer we ignore "elephants," the larger they loom in our minds, as each avoidance triggers an even greater spiral of denial. Drawing on examples from newspapers and comedy shows to novels, children's stories, and film, the book travels back and forth across different levels of social life, and from everyday moments to large-scale historical events. At its core, *The Elephant in the Room* helps us understand why we ignore truths that are known to all of us.

The Knife Man Wendy Moore 2010-09-30 WINNER OF THE MEDICAL JOURNALISTS' OPEN BOOK AWARD 2005 Revered and feared in equal measure, John Hunter was the most famous surgeon of eighteenth-century London. Rich or poor, aristocrat or human freak, suffering Georgians knew that Hunter's skills might well save their lives but if he failed, their corpses could end up on his dissecting table, their bones and organs destined for display in his remarkable, macabre museum. Maverick medical pioneer, adored teacher, brilliant naturalist, Hunter was a key figure of the Enlightenment who transformed surgery, advanced biological understanding and even anticipated the evolutionary theories of Darwin. He provided inspiration both for Dr Jekyll and Dr Dolittle. But the extremes to which he went to pursue his scientific mission raised question marks then as now. John Hunter's extraordinary world comes to life in this remarkable, award-winning biography written by a wonderful new talent.

Definition in Greek Philosophy David Charles 2010-08-19 David Charles presents fourteen new essays by leading experts on the topic of definition in Greek philosophers from Socrates to Plotinus. It is the first book on the topic for many years and it aims to reawaken interest in this fundamental, but surprisingly neglected, area of ancient philosophy.

Toomai of the Elephants Rudyard Kipling 2019-04-12 TOOMAI OF THE ELEPHANTS - RUDYARD KIPLING - THE JUNGLE BOOK - THE GUNSTON TRUST, JUNGLE ADVENTURE ILLUSTRATED EDITION Big Toomai is the boss driver of the elephants, but he takes little pleasure from his work. His ten-year old son, Little Toomai, loves the elephants and they understand his kindness. Asking to go on a hunt, his father tells him he can go when he sees the elephants dance. . . which is never - for no man has ever seen them dance. Follow this exciting adventure and find out if Little Toomai sees the elephants dance. Jungle story by Rudyard Kipling from his original *Jungle Book*. Recommended by The Gunston Trust for Nonviolence in Children's Literature. Ages 6-12+

Mammals of Africa Jonathan Kingdon 2013-05-23 *Mammals of Africa (MoA)* is a series of six volumes which describes, in detail, every currently recognized species of African land mammal. This is the first time that such extensive coverage has ever been attempted, and the volumes incorporate the very latest information and detailed discussion of the morphology, distribution, biology and evolution (including reference to fossil and molecular data) of Africa's mammals. With 1,160 species and 16 orders, Africa has the greatest diversity and abundance of mammals in the world. The reasons for this and the mechanisms behind their evolution are given special attention in the series. Each volume follows the same format, with detailed profiles of every species and higher taxa. The series includes some 660 colour illustrations by Jonathan Kingdon and his many drawings highlight details of morphology and behaviour of the species concerned. Diagrams, schematic details and line drawings of skulls and jaws are by Jonathan Kingdon and Meredith Happold. Every species also includes a detailed distribution map. Extensive references alert readers to more detailed information. Volume I: Introductory Chapters and Afrotheria (352 pages) Volume II: Primates (560 pages) Volume III: Rodents, Hares and Rabbits (784 pages) Volume IV: Hedgehogs, Shrews and Bats (800 pages) Volume V: Carnivores, Pangolins, Equids and Rhinoceroses (560 pages) Volume VI: Pigs, Hippopotamuses, Chevrotain, Giraffes, Deer and Bovids (704 pages)

Mammalia 2008

Equine Ophthalmology Brian C. Gilger 2016-12-27 Now available in a fully updated third edition, *Equine Ophthalmology* is the most comprehensive and current clinical resource for the diagnosis and treatment of ophthalmic disease in horses. Provides complete, authoritative information on the diagnosis and treatment of ophthalmic disease in horses Fully updated with improved figures, the latest research, and new chapters

on advanced diagnostics, foal ophthalmology, neuro-ophthalmology, national and international regulations, and an expanded chapter on inherited ocular disease Features contributions from an international group of equine experts, under the editorship of a leading equine veterinary specialist Offers comprehensive coverage of clinical and reference information ideal for specialists, general equine practitioners, and veterinary students alike Includes access to a companion website with expanded content and figures

An Elephant in the Room Lisa F. Kane 2009

Nothing but the Tooth Barry K.B Berkovitz 2012-12-31 While most books on dentistry describe the clinical and medical procedures involved, this book expands the field to examine the role of dentistry and teeth in everything from biology to biography. This book offers facts and figures regarding famous historical figures, such as John Hunter, Dr Crippen, Doc Holliday, and Paul Revere, exploring how their connections to dentistry shaped them, as well as the story of the two young dentists who discovered the principles of general anaesthesia. Other chapters focus on the amazing ranges of teeth in animals, from the teeth in piranhas to the tusks and ivory of elephants and narwhals, looking at their biological and cultural significance. The importance of teeth in understanding the evolution of humans and in revolutionizing the study of archaeology is also evaluated. This book is appropriate for dentists, medical and dentistry students, and non-specialists to introduce the myriad interesting aspects relating to teeth. Please note that print volumes do not include full colour. Includes well-illustrated and thoroughly explained examples and anecdotes Presents both popular and little-known instances of teeth's importance in history Written in an engaging tone appropriate for academics and the wider public

Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 7 - E-Book R. Eric Miller 2011-07-11 With coverage of current issues and emerging trends, *Fowler's Zoo and Wild Animal Medicine, Volume 7* provides a comprehensive, all-new reference for the management of zoo and wildlife diseases. A Current Therapy format emphasizes the latest advances in the field, including nutrition, diagnosis, and treatment protocols. Cutting-edge coverage includes topics such as the "One Medicine" concept, laparoscopic surgery in elephants and rhinoceros, amphibian viral diseases, and advanced water quality evaluation for zoos.

Editors R. Eric Miller and Murray E. Fowler promote a philosophy of animal conservation, bridging the gap between captive and free-ranging wild animal medicine with chapters contributed by more than 100 international experts. The Current Therapy format focuses on emerging trends, treatment protocols, and diagnostic updates new to the field, providing timely information on the latest advances in zoo and wild animal medicine. Content ranges from drug treatment, nutrition, husbandry, surgery, and imaging to behavioral training. Coverage of species ranges from giraffes, elephants, lions, and orangutans to sea turtles, hellbenders, bats, kakapos, and more. An extensive list of contributors includes recognized authors from around the world, offering expert information with chapters focusing on the latest research and clinical management of captive and free-ranging wild animals. A philosophy of animal conservation helps zoo and wildlife veterinarians fulfill not only the technical aspects of veterinary medicine, but contribute to the overall biological teams needed to rescue many threatened and endangered species from extinction. All content is new, with coverage including coverage of cutting-edge issues such as white-nose disease in bats, updates on Ebola virus in wild great apes, and chytrid fungus in amphibians. Full-color photographs depict external clinical signs for more accurate clinical recognition. Discussions of the "One Medicine" concept include chapters addressing the interface between wildlife, livestock, human, and ecosystem health. New sections cover Edentates, Marsupials, Carnivores, Perrissodactyla, and Camelids. Over 100 new tables provide a quick reference to a wide range of topics. An emphasis on conserving threatened and endangered species globally involves 102 expert authors representing 12 different countries.

Yoga for Mental Health Mason 2018-10-01 Yoga is a comprehensive mind-body practice that is particularly effective for self-regulation, mood management, fostering resilience, and promotion of wellbeing. Inherently, yoga is a system for improving mental health and alleviating suffering at the deepest levels. Consequently, yoga's potential as a key component of integrative and complementary mental health is now being recognized internationally. This book serves as a reference, but also as a bridge between yoga therapy and healthcare, helping to add to the process of growing integration. It provides a professional resource for mental health professionals interested in the potential for yoga interventions that facilitate the therapeutic process, and who want to learn ways in which yoga can catalyze and deepen this process across

a broad spectrum of mental health approaches. Similarly for yoga professionals with a focus on mental health and wellbeing who want to expand their understanding of how yoga relates to mental health approaches and their knowledge of best practices. The format is designed for consistency and ease of reading. Chapter 1 introduces the reader to the yogic viewpoint of mental health and wellbeing, and the psychological and neurological rationale for yoga's usage in mental health conditions. Each subsequent chapter is organized into a clinical overview of mental health conditions, followed by sections on current research and the rationale for incorporating yoga into the treatment of the condition, recommended yoga practices, and future directions.

An African Love Story Daphne Sheldrick 2012-03-01 Daphne Sheldrick's best-selling love story of romance, life and elephants, *An African Love Story: Love, Life and Elephants* is an incredible story from Africa's greatest living conservationist. A typical day for Daphne involves rescuing baby elephants from poachers; finding homes for orphan elephants, all the while campaigning the ever-present threat of poaching for the ivory trade. *An African Love Story* is the incredible memoir of her life. It tells two stories - one is the extraordinary love story which blossomed when Daphne fell head over heels with Tsavo Game Park and its famous warden, David Sheldrick. The second is the love story of how Daphne and David, who devoted their lives to saving elephant orphans, at first losing every infant under the age of two until Daphne at last managed to devise the first-ever milk formula which would keep them alive. 'Compulsively readable', *Mail on Sunday* 'An enchanting memoir', *Telegraph* Daphne Sheldrick has spent her entire life in Kenya. For over 25 years, she and her husband, David, the famous founder of the the giant Tsavo National Park, raised and rehabilitated back into the wild orphans of misfortune from many different wild species. These included elephants, rhinos, buffaloes, zebra, eland, kudu, impala, warthogs and many other smaller animals. In 2006 she was made Dame Commander of the British Empire by the Queen.

Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 10 - E-Book Eric R. Miller 2022-07-08 *Fowler's Current Therapy* format ensures that each volume in the series covers all-new topics with timely information on current topics of interest in the field. Focused coverage offers just the right amount of depth — often fewer than 10 pages in a chapter — which makes the material easier to access and easier to understand. General taxon-based format covers all terrestrial vertebrate taxa plus selected topics on aquatic and invertebrate taxa. Updated information from the Zoological Information Management System (ZIMS) includes records from their growing database for 2.3 million animals (374,000 living) and 23,000 taxa, which can serve as a basis for new research. Expert, global contributors include authors from the U.S. and 25 other countries, each representing trends in their part of the world, and each focusing on the latest research and clinical management of captive and free-ranging wild animals.

Surgery of Exotic Animals R. Avery Bennett 2022-01-26 *Surgery of Exotic Animals* The first book to provide veterinarians with in-depth guidance on exotic animal surgical principles and techniques As the popularity of exotic animals continues to grow, it is becoming increasingly important for veterinarians to be knowledgeable and skilled in common surgical procedures for a wide range of exotic species. Written for practitioners and board-certified surgeons with a working knowledge of domestic animal surgery, *Surgery of Exotic Animals* is the first clinical manual to provide comprehensive guidance on surgical principles and common procedures in exotic pets, zoo animals, and wildlife. Edited by internationally recognized leaders in exotic animal surgery and zoological medicine, this much-needed volume covers invertebrates, fish, amphibians, reptiles, birds, and both terrestrial and marine mammals. Contributions from a team of surgery and zoo specialists offer detailed descriptions of common surgeries and provide a wealth of color images demonstrating how each procedure is performed—including regional anatomy and surgical approaches. An invaluable one-stop source of authoritative surgical information on exotic species, this book: Provides illustrated guidance on surgical principles and common surgeries performed in exotic species Describes general principles, instrumentation, equipment, suture materials, and magnification surgery Covers a wide range of procedures such as small and large mammal dental surgery, avian soft tissue surgery, reptile orthopedic surgery, and primate surgery Includes chapters on surgical oncology, megavertebrate laparoscopy, and minimally invasive surgery techniques *Surgery of Exotic Animals* is an indispensable clinical guide and reference for all private veterinary practitioners; exotic, zoo, and wildlife veterinarians; laboratory animal veterinarians; veterinary students; and veterinary technicians.

Jeff Herman's Guide to Book Publishers, Editors & Literary Agents 2007 Jeff Herman 2006-12 Presents a guide to the names and specialities of American and Canadian publishers, editors, and literary agents, including information on the acquisition process and on choosing literary agents.

Restraint and Handling of Wild and Domestic Animals Murray Fowler 2011-11-16 *Restraint and Handling of Wild and Domestic Animals, Third Edition* offers an introduction to the basic principles of animal restraint and an overview of techniques for vertebrate wild and domestic animals. Fully updated throughout, the third edition also includes new chapters on understanding behavior, training for restraint and handling, and animal welfare and restraint. Now in full color, the third edition of this classic reference is an invaluable tool to recognizing potential danger in restraint and reducing stress in the animal.

Zoo and Wild Animal Medicine Current Therapy - E-Book Murray E. Fowler 2007-09-20 With expert contributors from around the world sharing their knowledge on 57 new cutting-edge areas of interest, *Zoo and Wild Animal Medicine, Volume 6* continues to provide outstanding coverage of today's most relevant topics. This book is an essential resource in zoo and wild animal medicine, addressing the special challenges posed by individual and herd medical management, newly emerging diseases in diverse wild animal populations, the effect of habitat loss and destruction on wildlife species, and the utilization of zoo animals in the surveillance and detection of potential zoonoses. The user-friendly current therapy approach continues to serve a vital function in the field by fostering a conservation biology ethic, bridging the gap between captive and free-ranging wild animal medicine, from a diverse group of experts. Includes practical guidance on such topics as behavioral training for medical procedures and the use of infrared thermography. Divided into four sections -- Conditions Affecting Multiple Species, Poikilotherms, Avian Medicine, and Mammals -- to help you find the information you need quickly. Extensive contributor list includes multinational contributors offering expert information on species from around the world. Presents timely topics in zoo and wild animal medicine with 57 new chapters to provide the best and most current information available. The most up-to-date information on hot topics such as avian influenza, West Nile virus, and other pathogens threatening wildlife and human populations on a global scale. Cutting-edge insights on environmental and public health concerns, such as occupational exposure to zoonotic simian retroviruses and use of wildlife rehabilitation centers as monitors for ecosystem health. A color plate section presents vivid depictions of external clinical signs for more accurate clinical recognition.

Pathology of Wildlife and Zoo Animals Karen A. Terio 2018-10-08 *Pathology of Wildlife and Zoo Animals* is a comprehensive resource that covers the pathology of wildlife and zoo species, including a wide scope of animals, disease types and geographic regions. It is the definitive book for students, biologists, scientists, physicians, veterinary clinicians and pathologists working with non-domestic species in a variety of settings. General chapters include information on performing necropsies, proper techniques to meet the specialized needs of forensic cases, laboratory diagnostics, and an introduction into basic principles of comparative clinical pathology. The taxon-based chapters provide information about disease in related groups of animals and include descriptions of gross and histologic lesions, pathogenesis and diagnostics. For each group of animals, notable, unique gross and microscopic anatomical features are provided to further assist the reader in deciding whether differences from the domestic animal paradigm are "normal." Additional online content, which includes text, images, and whole scanned glass slides of selected conditions, expands the published material resulting in a comprehensive approach to the topic. Presents a single resource for performing necropsies on a variety of taxa, including terrestrial and aquatic vertebrates and invertebrates Describes notable, unique gross and microscopic anatomical variations among species/taxa to assist in understanding normal features, in particular those that can be mistaken as being abnormal Provides consistent organization of chapters with descriptions of unique anatomic features, common non-infectious and infectious diseases following brief overviews of the taxonomic group Contains full-color, high quality illustrations of diseases Links to a large online library of scanned slides related to topics in the book that illustrate important histologic findings

Biodiversity Conservation in Nepal K. P. Acharya 2012 Contributed articles.

Miller - Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 9 E-Book Eric R. Miller 2018-05-07 Bringing together a globally diverse range of timely topics related to zoo and wild animals, Fowler's *Zoo and Wild Animal Medicine, Volume 9* is an invaluable tool for any professional working

directly with wildlife and zoo animals. The text's user-friendly format guides readers through biology, anatomy, and special physiology; reproduction; restraint and handling; housing requirements; nutrition and feeding; surgery and anesthesia; diagnostics, and therapeutics for each animal. Two new co-editors and a globally diverse group of expert contributors each lend their expertise on a wide range of new topics — including a new section on emerging wildlife diseases covering topics like MERS, Equine Herpesvirus, and Ebola in great apes. Other new topics integrated into this ninth volume include: stem cell therapy in zoo medicine, cardiac disease in great apes, disease risk assessment in field studies, Tasmanian devil tumors, and the latest information on the elephant herpes virus. With all its synthesized coverage of emerging trends, treatment protocols, and diagnostic updates new to the field, Fowler's is a reference you don't want to be without. Current therapy format ensures that each CT volume in the series covers all new topics that are relevant at the time of publication. Synthesized topics offer the right amount of depth — often fewer than 10 pages — to maintain an accessible format. General taxon-based format covers all terrestrial vertebrate taxa plus selected topics on aquatic and invertebrate taxa. Updated information from the Zoological Information Management System (ZIMS) has been incorporated to keep readers up to date on this worldwide system. Globally diverse panel of expert contributors each incorporate the latest research and clinical management of captive and free-ranging wild animals throughout the world. NEW! Two new co-editors (for a total of three editors) each lend their expertise on a wide range of new wild and zoo animal topics. NEW! Section on emerging wildlife diseases includes chapters on MERS, SARS, Ebola in great apes, and a variety of other emerging wildlife diseases.

Animal ER Tufts University. School of Veterinary Medicine 2000 Collects stories of injured and critically ill animals, such as cats with seizures and a nearly blind kangaroo, brought into the emergency room of Tufts University School of Medicine.

Calcium Orthophosphates Sergey V. Dorozhkin 2012-06-04 Due to a great chemical similarity with the biological calcified tissues, many calcium orthophosphates possess remarkable biocompatibility and bioactivity. Materials scientists use this property extensively to construct artificial bone grafts that are either entirely made of or only surface-coated with the biologically relevant calcium orthophosphates. Porous scaffolds made of calcium orthophosphates are very promising tools for tissue engineering applications. A comprehensive overview of calcium orthophosphates, this book highlights their importance and biomedical uses.

Elephants Under Human Care Paul A. Rees 2020-09-27 This book draws together, for the first time, the published research on the behaviour, ecology and welfare of elephants living in zoos, circuses, logging camps and other captive environments in a single comprehensive volume. It takes a multi-disciplinary approach, considering the work of zoo biologists, animal behaviour and welfare scientists, veterinarians, philosophers, zoo educators, tourism specialists, conservation biologists, lawyers and others with a professional interest in elephants. *Elephants under Human Care: The Behaviour, Ecology, and Welfare of Elephants in Captivity* is a valuable resource for zoo biology and animal welfare researchers. It is also useful for students and zoo professionals and managers looking for a comprehensive guide to current research on captive elephants. Although not intended as a husbandry manual, the book discusses some of the elephant welfare standards developed by the Association of Zoos and Aquariums (AZA) and the British and Irish Association of Zoos and Aquariums (BIAZA) and their relationship to current knowledge of captive elephants. Includes results of captive studies compared with field studies of wild elephants Features original images of elephant behaviour as they live and behave under human care Includes results of the author's original research including many original photographs Considers future implications of research for the welfare and conservation of elephants, both for elephants in captivity and those living in the wild

Biodiversity Conservation and Environmental Change Lindsey Gillson 2015 Ecosystems today are dynamic and complex, leaving conservationists faced with the paradox of conserving moving targets. New approaches to conservation are now required that aim to conserve ecological function and process, rather than attempt to protect static snapshots of biodiversity. To do this effectively, long-term information on ecosystem variability and resilience is needed. While there is a wealth of such information in palaeoecology, archaeology, and historical ecology, it remains an underused resource by conservation ecologists. In bringing together the disciplines of neo- and palaeoecology and integrating them with conservation biology,

this novel text illustrates how an understanding of long-term change in ecosystems can in turn inform and influence their conservation and management in the Anthropocene. By looking at the history of traditional management, climate change, disturbance, and land-use, the book describes how a long-term perspective on landscape change can inform current and pressing conservation questions such as whether elephants should be culled, how best to manage fire, and whether ecosystems can or should be "re-wilded"

Biodiversity Conservation and Environmental Change is suitable for senior undergraduate and post-graduate students in conservation ecology, palaeoecology, biodiversity conservation, landscape ecology, environmental change and natural resource management. It will also be of relevance and use to a global market of conservation practitioners, researchers, educators and policy-makers.

Introduction to Antenna Placement and Installation Thereza Macnamara 2010-03-04 Introduction to Antenna Placement and Installation introduces the characteristics of antennas and their integration on aircraft. The book covers antenna siting and placement, computational antenna modelling on structures, measurement on sub-scale models of the airframe, full-scale ground measurements and in-flight measurements. The author addresses the different stages in the process of developing an entire antenna layout, as well as covering individual retrofits on existing platforms. She explains the physics of antenna placement qualitatively, thus obviating the requirement to understand complex mathematical equations. Provides a reference book & guide written primarily for Antenna and Integration Engineers but which will also be of interest to Systems Engineers and Project Managers Includes chapters on aircraft systems using antennas, restrictions & trade-offs, frequency & spatial coverage considerations, effect of other antennas & obstacles, RF interoperability issues associated with radiated emissions, computer modelling software, scaled model & full-scale measurements, comparison between measurements & modelling, as well as ground tests and in-flight measurements Describes techniques that can be applied equally to antennas on other structures such as land or sea vehicles and spacecraft Illustrated throughout with figures & diagrams as well as a full colour plates

Zoo and Wild Mammal Formulary Alicia Hahn 2019-08-27 Zoo and Wild Mammal Formulary offers fast access to authoritative dosing information for drugs used in more than 35 zoo and wild mammal groups, including marsupials, bears, and elephants. Taking an easy-to-use tabular format, the book is organized by taxa, with drug doses sorted by type and alphabetically arranged in every chapter. Clear and comprehensive, the book offers dosages for all important drugs, including antibiotics, antifungals, anesthetics, analgesics, and more. Each dose is referenced with a journal or textbook source, including the number of animals in the study where available, making it easy to find trusted information. Offers essential drug information for a wide range of zoo and wild mammals in an easy-to-consult format Provides dosing amounts for all important drugs, including antibiotics, antifungals, anesthetics, and analgesics Includes dosages for over 35 mammal groups, including marsupials, bears, and elephants Takes a tabular approach for quick reference Makes it easy to find a referenced dose for these animals, eliminating time spent searching through other sources Zoo and Wild Mammal Formulary is an essential reference for all veterinarians seeing zoo and wild animal patients, including zoo and wildlife veterinarians, veterinary specialists, and veterinary students.

Biology, Medicine, and Surgery of South American Wild Animals Murray Fowler 2008-08-06 Biology, Medicine and Surgery of South American Wild Animals examines the medicine and treatment of animals specific to South America. It discusses topics dealing with diseases and biology topics. In addition, the animals studied are broken down into family and genus, using both English and Spanish names. The book is liberally illustrated and contains references for further reading as well as the contributions of regional experts on the animals covered.

Reproductive Sciences in Animal Conservation Pierre Comizzoli 2019-08-30 This second edition emphasizes the environmental impact on reproduction, with updated chapters throughout as well as complete new chapters on species such as sharks and rays. This is a wide-ranging book that will be of relevance to anyone involved in species conservation, and provides critical perspectives on the real utility of current and emerging reproductive sciences. Understanding reproductive biology is centrally important to the way many of the world's conservation problems should be tackled. Currently the extinction problem is huge, with up to 30% of the world's fauna being expected to disappear in the next 50 years. Nevertheless, it

has been estimated that the global population of animals in zoos encompasses 12,000 - 15,000 species, and we anticipate that every effort will be made to preserve these species for as long as possible, minimizing inbreeding effects and providing the best welfare standards available. Even if the reproductive biology community cannot solve the global biodiversity crisis for all wild species, we should do our best to maintain important captive populations. Reproductive biology in this context is much more than the development of techniques for helping with too little or too much breeding. While some of the relevant techniques are useful for individual species that society might target for a variety of reasons, whether nationalistic, cultural or practical, technical developments have to be backed up by thorough biological understanding of the background behind the problems.

Fowler's Zoo and Wild Animal Medicine Current Therapy + Veterinary Consult R. Eric Miller 2011-07-11 Veterinary Consult The Veterinary Consult version of this title provides electronic access to the complete content of this book. Veterinary Consult allows you to electronically search your entire book, make notes, add highlights, and study more efficiently. Purchasing additional Veterinary Consult titles makes your learning experience even more powerful. All of the Veterinary Consult books will work together on your electronic "bookshelf", so that you can search across your entire library of veterinary books. Veterinary Consult: It's the best way to learn! Book Description With coverage of current issues and emerging trends, Fowler's Zoo and Wild Animal Medicine, Volume 7 provides a comprehensive, all-new reference for the management of zoo and wildlife diseases. A Current Therapy format emphasizes the latest advances in the field, including nutrition, diagnosis, and treatment protocols. Cutting-edge coverage includes topics such as the "One Medicine" concept, laparoscopic surgery in elephants and rhinoceros, amphibian viral diseases, and advanced water quality evaluation for zoos. Editors R. Eric Miller and Murray Fowler promote a philosophy of animal conservation, bridging the gap between captive and free-ranging wild animal medicine with chapters contributed by more than 100 international experts.

Elephants & Butterflies Alan Michael Parker 2008 Elephants & Butterflies combines the imaginative forays of The Vandals with the more meditative approach of Love Song with Motor Vehicles. Both wild and calm, boisterous and quiet, the poems in Elephants & Butterflies use surprise, song, and startling metaphor while allowing the ideas to simmer just below the surface of the lyric. The poems manage the difficult task of being highly readable and accessible, while still containing complex philosophical and personal knowledge. Alan Michael Parker (www.amparker.com) teaches at Davidson College in Davidson, North Carolina. He also teaches at Queens University, where he is core faculty in the low-residency MFA program.

Bovine Pathology Claus D Buergelt 2018-05-01 Illustrated with over 1000 color images of the highest quality, Bovine Pathology: A Text and Color Atlas is a comprehensive single resource to identifying diseases in dairy cattle, feedlot cattle, and their calves. With summary text describing key features, the book correlates clinical information with pathology and differential diagnoses. The text covers naked-eye macroscopic appearance, through to microscopic pathology, and the immunohistochemistry of infectious agents and tumor markers. Structured by major organ system, the disease entries follow a consistent format and clarity of display. Serving as an essential reference work for veterinary pathologists who perform bovine necropsies, veterinary residents and students, the book is also practical enough for bovine practitioners who need to investigate sudden death losses of cattle on the farm.

When God Spoke Greek Timothy Michael Law 2013-08-15 Most readers do not know about the Bible used almost universally by early Christians, or about how that Bible was birthed, how it grew to prominence, and how it differs from the one used as the basis for most modern translations. Although it was one of the most important events in the history of our civilization, the translation of the Hebrew Scriptures into Greek in the third century BCE is an event almost unknown outside of academia. Timothy Michael Law offers the first book to make this topic accessible to a wider audience. Retrospectively, we can hardly imagine the history of Christian thought, and the history of Christianity itself, without the Old Testament. When the Emperor Constantine adopted the Christian faith, his fusion of the Church and the State ensured that the Christian worldview (which by this time had absorbed Jewish ideals that had come to them through the Greek translation) would leave an imprint on subsequent history. This book narrates in a fresh and exciting way the story of the Septuagint, the Greek Scriptures of the ancient Jewish Diaspora that became the first Christian Old Testament.

