

Biology Medicine And Surgery Of Elephants

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Biodiversity Conservation and Environmental Change Lindsey Gillson 2015-04-09 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.

The Elephant Scientist Caitlin O'Connell 2011 Describes the work and observations of American scientist Caitlin O'Connell during her studies of the African elephant in Etosha National Park in Namibia.

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.

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 **Elephant Company** Vicki Croke 2014-07-15 NEW YORK TIMES BESTSELLER • A NEW YORK TIMES NOTABLE BOOK The remarkable story of James Howard "Billy" Williams, whose unyork rapport with the world's largest land animals transformed him from a carefree young man into the charismatic war hero known as Elephant Bill In 1920, Billy Williams came to colonial Burma as a "forest man" for a British teak company. Mesmerized by the intelligence and character of the great animals who hauled logs through the jungle, he became a gifted "elephant wallah." In Elephant Company, Vicki Constantine Croke chronicles Williams's growing love for elephants as the animals provide him lessons in courage, trust, and gratitude. Elephant Company is also a tale of war and daring. When Japanese forces invaded Burma in 1942, Williams joined the elite British Force 136 and operated behind enemy lines. His war elephants carried supplies, helped build bridges, and transported the sick and elderly over treacherous mountain terrain. As the occupying authorities put a price on his head, Williams and his elephants faced their most perilous test. Elephant Company, cornered by the enemy, attempted a desperate escape: a risky trek over the mountainous border to India, with a bedraggled group of refugees in tow. Part biography, part war epic, Elephant Company is an inspirational narrative that illuminates a little-known chapter in the annals of wartime heroism. Praise for Elephant Company "This book is about far more than just the war, or even elephants. This is the story of friendship, loyalty and breathtaking bravery that transcends species. . . . Elephant Company is nothing less than a sweeping tale, masterfully written."—Sara Gruen, The New York Times Book Review "Splendid . . . Blending biography, history, and wildlife biology, [Vicki Constantine] Croke's story is an often moving account of [Billy] Williams, who earned the sobriquet 'Elephant Bill,' and his unusual bond with the largest land mammals on earth."—The Boston Globe "Some of the biggest heroes of World War II were even bigger than you thought. . . . You may never call the lion the king of the jungle again."—New York Post "Vicki Constantine Croke delivers an exciting tale of this elephant whisperer—cum—war hero, while beautifully reminding us of the enduring bonds between animals and humans."—Mitchell Zuckoff, author of Lost in Shangri-La and Frozen in Time *Conservation Biology for All* Navjot S. Sodhi 2010-01-08 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 conversion 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 textbooks 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.

Mega Mammals in Ancient India Shibani Bose 2020-01-02 Since antiquity, big mammals have inspired fear as well as fantasy among humans. Not only do megafauna pervade the domains of religion, art, literature, and folklore, it is also now widely acknowledged that they can serve as important, if not always adequate, indices of environmental quality. In this book, Shibani Bose looks into eras bygone in order to chronicle the journeys of three mega mammals, the rhinoceros, elephant, and tiger, across millennia in early north India. Carefully sifting through archaeological evidence and literary records in Sanskrit, Pali, Prakrit, and classical Western accounts, Bose documents the presence of these big mammals in diverse cultural contexts, from hunter-gatherer societies to the first urban civilization of India and beyond. This work aims to reconstruct human interactions with these mega species through time while trying to understand the larger ecology of ancient India. This book is especially well-timed as the conservation of our megafauna heritage is a major concern for biologists, ecologists, and conservationists. It underlines the need to historicize human interactions with these mega mammals with the contention that awareness regarding their past is critical for their future.

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.

Naked Statues, Fat Gladiators, and War Elephants Garrett Ryan 2021-09-01 Why didn't the ancient Greeks or Romans wear pants? How did they shave? How likely were they to drink fine wine, use birth control, or survive surgery? In a series of short and humorous essays, Naked Statues, Fat Gladiators, and War Elephants explores some of the questions about the Greeks and Romans that ancient historian Garrett Ryan has answered in the classroom and online. Unlike most books on the classical world, the focus is not on famous figures or events, but on the fascinating details of daily life. Learn the answers to: How tall were the ancient Greeks and Romans? How long did they live? What kind of pets did they have? How dangerous were their cities? Did they believe their myths? Did they believe in ghosts, monsters, and/or aliens? Did they jog or lift weights? How did they capture animals for the Colosseum? Were there secret police, spies, or assassins? What happened to the city of Rome after the Empire collapsed? Can any families trace their ancestry back to the Greeks or Romans?

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.👉

Tales of an African Vet Roy Aronson 2011-10-04 When do you watch a wild animal suffer and let nature take its course, and when do you intervene? In his more than twenty-five years as an African vet, Roy Aronson has tended to a two-ton rhino that lost its horn after colliding with a concrete wall, facilitated the miraculous recovery of a squirrel monkey, performed eye surgery on a lion out in the bush, and treated a hedgehog that had been mauled by a dog. He has also worked with some of Africa's most dedicated conservationists and wildlife veterinarians. He has witnessed their passion and bravery and been with them when hard decisions had to be made. Tales of an African Vet brings together Dr. Aronson's adventures in a rare behind-the-scenes look at those who treat wild animals in their natural habitats. Whether you are drawn to outdoor adventure stories, African wildlife, or the veterinarian's trade, you will find this a riveting read, filled with rich insights into both the animal and human cultures of Africa.

Demetrius the Besieger Pat Wheatley 2020-04-29 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. **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. *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.

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.

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.

An Elephant in the Room Lisa F. Kane 2009

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.

The Green Elephant Matthew Fogel 2020-11-10 The Ultimate Resource for Cannabis-Based Therapy Backed by extensive research and medical expertise, The Green Elephant is the all-in-one guidebook for healthcare professionals looking to educate themselves on cannabis therapy to better provide guidance to their patients. Delving into the history, biology, chemistry, and pharmacological effects of cannabis and CBD-based therapy, The Green Elephant also explores the equally important areas of ethics in practice, cannabis' legal history, and current regulatory status – all to enable healthcare professionals to better serve their patients. The Green Elephant provides healthcare professionals with much-needed information on dosing instructions, potential drug interactions, long- and shorter-term treatment plans, and much more. Cannabis therapy has the exciting potential to help millions of patients better manage their symptoms and enjoy a higher quality of life. The time has come for all healthcare professionals to discuss this green "elephant in the room."

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

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.

PISA Take the Test Sample Questions from OECD's PISA Assessments OECD 2009-02-02 This book presents all the publicly available questions from the PISA surveys. Some of these questions were used in the PISA 2000, 2003 and 2006 surveys and others were used in developing and trying out the assessment.

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. **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

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.

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 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.

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.

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.

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.

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

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 Elephant's Secret Sense Caitlin O'Connell 2008-09-01 From an internationally renowned field scientist comes this fascinating story of her unexpected discovery of a RsecretS new mode of elephant communication. This unforgettable journey takes readers into the wilds of Africa where naturalists do their difficult work in a troubled land.

Does the Elephant Dance? David Malone 2011-04-07 Surveys the main features of contemporary Indian foreign policy. **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.

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 millennia. 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

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.

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) **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.

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.

Veterinary Reproduction and Obstetrics Geoffrey Herbert Arthur 1977 The oestrous cycle and its controls, The development of the conceptus, Pregnancy and its detection in the mare, Pregnancy and its detection in the cow, Pregnancy diagnosis in the sow, ewe and bitch, Anomalies of development of the conceptus, Prolapse of the vagina, Parturition, The care of parturient animals and the newborn:the puerperium, Dytocia:general considerations, Maternal dystocia, Fetal dystocia:aetiology and incidence, The approach to an obstetrical case, Manipulative delivery per vaginam:farm animals and the bitch, Dystocia due to fetal oversize, Dystocia due to defects of position or presentation, Dystocia due to twins or monstrosities, Injuries and diseases incidental to parturition, The caesarean operation, Caesarean operations in the bitch and cat, Retention of the fetal membranes, Postparturient prolapse of the uterus, Infertility in the cow:general, anatomical and functional, Infectious forms of infertility in cattle, The veterinary control of herd infertility, Sheep infertility, Infertility in the mare, Swine infertility, Infertility in the bitch and cat, The normal sexual apparatus of male animals, Reproductive abnormalities of male animals, Artificial insemination.