

# Biology Medicine And Surgery Of Elephants

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**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.

**The Oxford Handbook of Animals in Classical Thought and Life** Gordon Lindsay Campbell 2014-08-28 The Oxford Handbook of Animals in Classical Thought and Life is the first comprehensive guide to animals in the ancient world, encompassing all aspects of the topic by featuring authoritative chapters on 33 topics by leading scholars in their fields. As well as an introduction to, and a survey of, each topic, it provides guidance on further reading for those who wish to study a particular area in greater depth. Both the realities and the more theoretical aspects of the treatment of animals in ancient times are covered in chapters which explore the domestication of animals, animal husbandry, animals as pets, Aesop's Fables, and animals in classical art and comedy, all of which closely examine the nature of human-animal interaction. More abstract and philosophical topics are also addressed, including animal communication, early ideas on the origin of species, and philosophical vegetarianism and the notion of animal rights.

**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.

**Critical Needs for Research in Veterinary Science** National Research Council 2005-10-18 Research in veterinary science is critical for the health and well-being of animals, including humans. Food safety, emerging infectious diseases, the development of new therapies, and the possibility of bioterrorism are examples of issues addressed by veterinary science that have an impact on both human and animal health. However, there is a lack of scientists engaged in veterinary research. Too few veterinarians pursue research careers, and there is a shortage of facilities and funding for conducting research. This report identifies questions and issues that veterinary research can help to address, and discusses the scientific expertise and infrastructure needed to meet the most critical research needs. The report finds that there is an urgent need to provide adequate resources for investigators, training programs, and facilities involved in veterinary research.

**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 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.

**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.

**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's Foot** Blair Csuti 2008-04-14 Maintaining the healthy foot condition of captive Asian and African elephants is one of the most important yet most difficult tasks for zookeepers, veterinarians, and researchers. Recognizing the need for a convenient and comprehensive health care manual, Blair Csuti, Eva Sargent and Ursula Bechert present The Elephant's Foot. Born out of a national conference on elephant care and physiology, this book is backed by 46 of the foremost authorities on the subject. After a general overview of the elephant foot's anatomy and physiology, The Elephant's Foot leads practitioners through recognition, prevention, and treatment of a variety of foot problems. From nail infections to foot abscesses, readers will find this text contains solutions for most foot troubles with remedies or additional recommendations. This book will support anyone simply studying elephants or those working with elephants on a daily basis.

**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?

**Biology, Medicine, and Surgery of Elephants** Murray Fowler 2006-10-02 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

**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 Science of Animals** DK 2019-09-26 See the animal kingdom in all its glory, from jellyfish to polar bears, with up-close details of their unique features from head to toe. Filled with magnificent photographs that were specially commissioned for this book and cannot be seen anywhere else. Written in association with the Natural History Museum. This visual reference book starts with the question "what is an animal?" and takes you through the animal kingdom - mammals, reptiles, birds, and sea creatures. It uses a unique head to toe approach that showcases in spectacular detail special features such as the flight feathers of a parrot, the antenna of a moth, or the tentacles of coral. This visual encyclopedia is filled with clear and fascinating information on everything about the social lives of animals. Read exciting stories, like how animals communicate, defend their territories, and attract mates. Learn how evolution has helped wildlife to adapt to their unique environments, whether it is the ability to live in difficult habitats, adjust to specific diets or how they work physically. Humans have drawn and painted animals for thousands of years. The Science of Animals has included some of these, such as early rock art that depicts our awe of the animal kingdom, or natural history artworks such as the ones commissioned by the Mughal Courts in the 1600s. Dramatic Wildlife Photography Spectacular, never seen before, photographs that will bring you close to many of the world's most captivating and intriguing inhabitants. This book offers an extraordinary introduction to the animal world by taking you through chapters that details their diversity. Go from head to toe in The Science of Animals: - The animal kingdom - Shape and size - Skeletons - Skins, coats, and armour - Senses - Mouth and jaws - Legs, arms, tentacles, and tails - Fins, flippers, and paddles - Wings and parachutes - Eggs and offspring

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

**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.

**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 megafaunal 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.

**Laser Therapy in Veterinary Medicine** Ronald J. Riegel 2017-05-30 Laser Therapy in Veterinary Medicine: Photobiomodulation is a complete guide to using therapeutic lasers to treat veterinary patients, focusing on practical information. Offers a comprehensive resource for incorporating therapeutic lasers in veterinary practice Focuses on practical information tailored for the veterinary clinic Written by 37 leading experts in veterinary laser therapy Provides a thorough foundation on this standard-of-care modality Emphasizes clinical applications with a real-world approach

**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

**An Elephant in the Room** Lisa F. Kane 2009

**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

**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.

**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

**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.

**An African Love Story** Daphne Shelldrck 2012-03-01 Daphne Shelldrck'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 Shelldrck. 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 Shelldrck 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.

**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.

**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.

**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.

**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 shortterm 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.”

**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.

**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 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.

**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.

**The Knife Man** Wendy Moore 2015 From humble origins, John Hunter rose to become the most famous anatomist and surgeon of the eighteenth century. In an age when operations were crude, extremely painful, and often fatal, he rejected medieval traditions to forge a revolution in surgery founded on pioneering scientific experiments. Using the knowledge he gained from countless human dissections, Hunter worked to improve medical care for both the poorest and the best-known figures of the era- including Sir Joshua Reynolds and the young Lord Byron. An insatiable student of all life-forms, Hunter was also an expert naturalist. He kept exotic creatures in his country menagerie and dissected the first animals brought back by Captain Cook from Australia. Ultimately his research led him to expound highly controversial views on the age of the earth, as well as equally heretical beliefs on the origins of life more than sixty years before Darwin published his famous theory. Although a central figure of the Enlightenment, Hunter's tireless quest for human corpses immersed him deep in the sinister world of body snatching. He paid exorbitant sums for stolen cadavers and even plotted successfully to steal the body of Charles Byrne, famous in his day as the "Irish giant."

**Workforce Needs in Veterinary Medicine** National Research Council 2013-11-17 The U.S. veterinary medical profession contributes to society in diverse ways, from developing drugs and protecting the food supply to treating companion animals and investigating animal diseases in the wild. In a study of the issues related to the veterinary medical workforce, including demographics, workforce supply, trends affecting job availability, and capacity of the educational system to fill future demands, a National Research Council committee found that the profession faces important challenges in maintaining the economic sustainability of veterinary practice and education, building its scholarly foundations, and evolving veterinary service to meet changing societal needs. Many concerns about the profession came into focus following the outbreak of West Nile fever in 1999, and the subsequent outbreaks of SARS, monkeypox, bovine spongiform encephalopathy, highly pathogenic avian influenza, H1N1 influenza, and a variety of food safety and environmental issues heightened public concerns. They also raised further questions about the directions of veterinary medicine and the capacity of public health service the profession provides both in the United States and abroad. To address some of the problems facing the veterinary profession, greater public and private support for education and research in veterinary medicine is needed. The public, policymakers, and even medical professionals are frequently unaware of how veterinary medicine fundamentally supports both animal and human health and well-being. This report seeks to broaden the public's understanding and attempts to anticipate some of the needs and measures that are essential for the profession to fulfill given its changing roles in the 21st century.

**Elephant Don** Caitlin O'Connell 2015-04-06 Elephant male are often portrayed as aggressive loners, who shape the world around them by brute force. But they can also be gentle and playful giants, even empathic. "Uncertain Throne "brings Entourage from LA to Mushara, showing how the lives of male elephants is really one of time with a posse, entourages of mixed ages, with all of the social dynamics groups of men in other species experience. The story follows that of Greg, and a band of his friends, with days at the water hole, evenings spent defending turf, and searching out mates. "Uncertain Throne "is Greg's story, but it is every bit as much a story about O'Connell, who, like Jane Goodall and others who inspire her, has dedicated herself to learning about elephants, and in turn sharing what she has learned with those of us who aren't enamored of sleeping on elevated wooden platforms in Namibia that keep lions out of reach but are scalable by a wide array of other visitors--snakes included. "An Uncertain Throne "tracks Greg and his group of males for a decade, starting in 2004. In a series of short chapters, starting in the present but winding back through previous field seasons, O Connell narrates and aims to understand the vicissitudes of male friendship, power struggles, and play. She captures for readers the incredible repertoire of elephant behavior, communication included. Greg it at times a tyrant, and at others a benevolent dictator. And he possesses what it takes to stay at the top, even as the environment and landscape morph around him with the dynamics of wet and dry years. Life for male elephants is uncertain, and full of tragedy and triumph alike. And this gives us all a sense of what it's like to walk in their company."

**Medicine and Surgery of Camelids** Murray Fowler 2011-07-26 Medicine and Surgery of Camelids is the classic comprehensive reference on llamas, alpacas, vicunas, guanacos, and camels. With information on topics ranging from nutrition and management to infectious diseases and emergency care, this book provides information on the health and maintenance of these species. Updates to the Third Edition include new information on camels; full color throughout; significant revisions to the parentage verification, infectious diseases, anesthesia, restraint, and nutrition sections; and additional information on the alpaca genome. This is an essential resource for practicing veterinarians, zoo veterinarians, and veterinary students.

**The Biology of African Savannahs** William Bates 2014-11-27 Savannah habitats comprise an ecologically important, but ultimately fragile, ecosystem. They constitute one of the largest biomes on Earth, covering almost 20% of the land surface, and can be simply described as tropical and subtropical grasslands with scattered bushes and trees. Most savannahs occur in Africa, although smaller areas can be found in South America, India, and Australia. They form a rich mosaic of diverse ecosystems, and this book offers a concise but comprehensive introduction to their ecology, biodiversity, and conservation. The Biology of African Savannahs describes the major plants (grasses, and trees such as Acacia) and animals (mainly large mammals) that live in this habitat, and examines the biological and ecological factors that influence their population size, interactions (such as predation), and community composition. Conservation issues such as climate change, hunting, and conflict between wildlife and domestic animals are also discussed. This new edition has been updated throughout with the latest research in the field, and contains new technique boxes which introduce readers to some of the analytical methods used to study African savannahs. This accessible text is suitable for both senior undergraduate and graduate students taking courses in savannah and tropical ecology as part of a wider ecology and/or conservation biology degree programme. It will also be of relevance and use to the many professional ecologists and conservation practitioners requiring a concise but authoritative overview of the topic.

**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.

**Medical and Veterinary Entomology** Gary R. Mullen 2009-04-22 Medical and Veterinary Entomology, Second Edition, has been fully updated and revised to provide the latest information on developments in entomology relating to public health and veterinary importance. Each chapter is structured with the student in mind, organized by the major headings of Taxonomy, Morphology, Life History, Behavior and Ecology, Public Health and Veterinary Importance, and Prevention and Control. This second edition includes separate chapters devoted to each of the taxonomic groups of insects and arachnids of medical or veterinary concern, including spiders, scorpions, mites, and ticks. Internationally recognized editors Mullen and Durden include extensive coverage of both medical and veterinary entomological importance. This book is designed for teaching and research faculty in medical and veterinary schools that provide a course in vector borne diseases and medical entomology; parasitologists, entomologists, and government scientists responsible for oversight and monitoring of insect vector borne diseases; and medical and veterinary school libraries and libraries at institutions with strong programs in entomology. Follows in the tradition of Herm's Medical and Veterinary Entomology The latest information on developments in entomology relating to public health and veterinary importance Two separate indexes for enhanced searchability: Taxonomic and Subject New to this edition: Three new chapters Morphological Adaptations of Parasitic Arthropods Forensic Entomology Molecular Tools in Medical and Veterinary Entomology 1700 word glossary Appendix of Arthropod-Related Viruses of Medical-Veterinary Importance Numerous new full-color images, illustrations and maps throughout

**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.