

Journal Of Zoo And Wildlife Medicine Editorial Guidelines

This book offers an all-encompassing resource for reliable information on the medical management of wild birds, mammals, amphibians, and turtles. Focusing on the medical information relevant to the wildlife setting, it covers triage, emergency care, and other key considerations in handling, diagnosing, and treating wild animals. The book's population-based approach encourages practitioners to understand individual animal care within the broader context. *Medical Management of Wildlife Species: A Guide for Practitioners* begins with a brief summary of natural history, and introductory chapters address general topics such as pre-release conditioning, post-release monitoring, and legal issues associated with handling wildlife species. Species-specific chapters provide practical information on medical management, including the most prevalent concerns for each species and the epidemiology of infectious diseases. Provides a complete reference to handling, diagnosing, and treating wild species Covers the full range of North American wildlife Includes concepts that can be applied to species globally Emphasizes information relevant to the wildlife setting Focuses on individual medicine, firmly grounded within population medicine for a broader approach Targeted at wildlife veterinarians, veterinary clinicians that will be presented with wildlife, veterinary technicians, and wildlife rehabilitators *Medical Management of Wildlife Species* is a must-have addition to the bookshelf of wildlife veterinarians and any veterinarian seeing occasional wild animals, as well as wildlife biologists and researchers.

First Published in 2001. Routledge is an imprint of Taylor & Francis, an informa company.

Using a practical approach, the *Manual of Veterinary Transfusion Medicine and Blood Banking* provides veterinary practitioners with evidence-based guidelines to refer to at the clinical practice level. Provides evidence-based information on transfusion medicine and blood banking practices Presents sections on recipient screening, donor selection, blood collection and storage, and how to meet blood product demands Includes useful protocols for transfusions and blood banking relevant to clinical practice Incorporates the balanced perspectives of veterinarians and veterinary technicians Contains information pertaining to large, small, and exotic animals

Logically organized by taxonomic groups, this up-to-date text covers the diagnosis and treatment of all zoo animal species and free-ranging wildlife, including amphibians, reptiles, birds, mammals, and fish, unlikely to be seen by private practice veterinarians. Featuring full-color images, the consistent, user-friendly format supplies information on each animal's biology, unique anatomy, special physiology, reproduction, restraint and handling, housing requirements, nutrition and feeding, surgery and anesthesia, diagnostics, therapeutics, and diseases. Global authorship includes multinational contributors who offer expert information on different species from around the world. "Veterinary care of non-traditional species is a rapidly progressing field and this title is the much awaited updated version of this zoo and wildlife practitioner's 'bible'. Reviewed by: Charlotte Day on behalf of *The Veterinary Record*, Oct 14 Global authorship includes internationally recognized authors who have contributed new chapters focusing on the latest research and clinical management of captive and free-ranging wild animals from around the world. *Zoological Information Management System* chapter offers the latest update on this brand new system that contains a worldwide wealth of information. General taxonomy-based format provides a comprehensive text for sharing information in zoo and wildlife medicine. Concise tables provide quick reference to key points in the references. NEW! All new authors have completely revised the content to provide fresh perspectives from leading experts in the field on the latest advances in zoo and wild animal medicine. NEW! Color images vividly depict external clinical signs for more accurate recognition and diagnosis.

Easy-to-use, comprehensive reference covering the less common species encountered in general veterinary practice *Handbook of Exotic Pet Medicine* provides easy-to-access, detailed information on a wide variety of exotic species that can be encountered in general veterinary practice. Offering excellent coverage of topics such as basic techniques, preventative health measures, and a formulary for each species, each chapter uses the same easy-to-follow format so that users can find information quickly while working in the clinic. Presented in full colour, with over 400 photographs, the book gives small animal practitioners the confidence to handle and treat more familiar pets such as budgerigars, African grey parrots, bearded dragons, corn snakes, tortoises, pygmy hedgehogs, hamsters and rats. Other species that may be presented less frequently including skunks, marmosets, sugar gliders, koi carp, chameleons and terrapins are also covered in detail to enable clinicians to quickly access relevant information. Provides comprehensive coverage of many exotic pet species that veterinarians may encounter in general practice situations Presents evidence-based discussions of topics including biological parameters, husbandry, clinical evaluation, hospitalization requirements, common medical and surgical conditions, radiographic imaging, and more *The Handbook of Exotic Pet Medicine* is an ideal one-stop reference for the busy general practitioner seeing the occasional exotic animal, veterinary surgeons with an established exotic animal caseload, veterinary students and veterinary nurses wishing to further their knowledge.

Mycobacteria are bacterial pathogens which cause diseases in humans and non-human animals. This monograph will primarily cover the most important and widely researched groups of mycobacteria: members of the *Mycobacterium tuberculosis* complex (MTC) and *Mycobacterium leprae*, across a wide range of host species. *M. tuberculosis* and *M. bovis* are particularly relevant with the increasing drug resistance and co-infection with HIV associated with *M. tuberculosis* and the possible cross-infection of badgers and cattle associated with *M. bovis*. This book will provide a reference for researchers working in different fields creating a work which draws together information on different pathogens, and by considering the diseases in a zoonotic context provides a One Health approach to these important groups of diseases.

AAP Prose Award Finalist 2018/19 Key features: Covers all aspects of marine mammal veterinary practice Written by internationally acknowledged experts Adds new chapters on Ophthalmology, Dentistry, Ethics, Oil Spill Response, Health Assessments, Whale Entanglement Response, Dive Response, and Biotoxins Richly illustrated in color throughout the new edition including updated anatomical drawings and extensive photographs of ocular lesions Provides guidance to websites that regularly present updated information and images pertinent to current marine mammal medicine such as imaging and stranding network contacts Discusses ethics and animal welfare For three decades, this book has been acknowledged as the most respected scientific reference specifically devoted to marine mammal medicine and health. Written by approximately 100 contributors who are recognized globally as leaders in their respective fields, the *CRC Handbook of Marine Mammal Medicine, Third Edition* continues to serve as the essential guide for all practitioners involved with marine mammals including veterinarians, technicians,

biological researchers, students, managers, keepers, curators, and trainers. The 45 chapters provide essential information for the practitioner on pathology, infectious diseases, medical treatment, anesthesia, surgery, husbandry, health assessment, species-specific medicine, medically pertinent anatomy and physiology, and global health concerns such as strandings, oil spills, and entanglements of marine mammals. The book guides the reader through the veterinary care of cetaceans, pinnipeds, manatees, sea otters, and polar bears. In addition to summaries of current knowledge, chapters provide information on those digital resources and websites which present the latest information as it emerges in the field. The CRC Handbook of Marine Mammal Medicine, Third Edition gives a call to action for scientists to experiment with new endeavors to engage and inspire current and future generations to care for marine mammals and the marine environment, and work together to find solutions. As the most trusted reference for marine mammal conservation medicine and for marine mammal medical facilities around the world, this book needs to be in your library.

Pathology of Small Mammal Pets presents a ready reference for veterinarians, veterinary pathologists, and technicians who work with small mammal companion animals. Provides up-to-date, practical information on common disease conditions in small mammal companion animals Offers chapters logically organized by species, with comprehensive information on diagnosing diseases in each species Takes a practical, system-based approach to individual disease conditions Covers clinical signs, laboratory diagnostics, gross pathology, histopathology, and differential diagnoses in detail Includes relevant information for conventional breeding operations and breeding facilities, with strategies for disease management in herds and colonies Features information on normal anatomy in included species to assist in recognizing pathology

Zoo and Wild Animal Dentistry ist das erste umfassende Referenzwerk, das sich mit oralen Krankheitsbildern und dentalen Therapien bei exotischen Wildtieren und Exoten in Gefangenschaft beschäftigt. Die Herausgeber sind anerkannte Experten des Fachgebiets und beschreiben die Zahnpflege bei einer Vielzahl von Spezies. Der Fokus liegt dabei auf der Zahngesundheit. Das Praktikerbuch zur Behandlung von Exoten bietet eine Fülle von Fotos und Illustrationen, die Krankheitsbilder klar erläutern und Verfahren vorstellen. Die Publikation greift auf die langjährige Erfahrung der Herausgeber mit exotischen Tieren zurück und ist eine zuverlässige Referenz mit Informationen zur Geschichte der veterinärmedizinischen Zahnheilkunde, zur Zahnentwicklung, zu Zahntherapeutika aus der Praxis und Beschreibungen des Zahnapparats von mehr als 300 Spezies. Zoo and Wild Animal Dentistry behandelt eine Vielzahl von Zoo- und Wildtieren, darunter Katzen, Bären, Primaten, Hunde, Waschbären, Wiesel, Hyänen, Beuteltiere, Pflanzenfresser, zahnarme Säugetiere, Meeressäuger, Vögel, Reptilien u.v.m. Dieses wichtige Referenzwerk - beschreibt umfassend eine Fülle oraler Krankheitsbilder und dentaler Therapien bei exotischen Wildtieren und Wildtieren in Gefangenschaft - unterstreicht insbesondere die Bedeutung der Zahngesundheit für die allgemeine Tiergesundheit. - informiert über die jüngsten Fortschritte und Errungenschaften in dem Fachgebiet. - enthält einen wegweisenden Fundus an Ideen für die Zahnpflege exotischer Wildtiere. Das Buch richtet sich an Wildtierpfleger und Veterinärmediziner, Fachveterinäre für Zahnheilkunde, Veterinärtechniker und Studenten der Veterinärmedizin. Zoo and Wild Animal Dentistry ist ein Praktikerbuch mit allem Wissenswerten rund um die Zahnpflege bei einer Vielzahl von Tierrassen, denen immer wieder zu wenig Beachtung geschenkt wird.

A concise and practical quick reference guide to treating reptiles in first opinion veterinary practice Reptile Medicine and Surgery in Clinical Practice is the ideal guide for the busy veterinarian treating reptile cases. Designed as a quick reference guide, but with comprehensive coverage of all the topics needed for first opinion practice, the book presents the principles of reptile medicine and surgery. Richly illustrated chapters cover anatomy, physiology, behaviour, husbandry, reproduction, common diseases and disorders, and much more. Application in a clinical setting is emphasized throughout, including guidance on the physical examination, diagnostic testing and imaging, treatment options, and anaesthetic and surgical techniques. Practical quick-reference guide—ideal for the busy, first-opinion veterinary practitioner Richly illustrated in full colour throughout Edited by a team of highly experienced exotic animal veterinarians Useful reference for those studying for postgraduate certificates in exotic animal medicine With contributions from experts around the globe, Reptile Medicine and Surgery in Clinical Practice is a valuable reference offering a balanced international view of herpetological medicine.

Issues in Life Sciences—Zoology / 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Avian Research. The editors have built Issues in Life Sciences—Zoology: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Avian Research in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Life Sciences—Zoology / 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Current Therapy in Medicine of Australian Mammals provides an update on Australian mammal medicine. Although much of the companion volume, Medicine of Australian Mammals, is still relevant and current, there have been significant advances in Australian mammal medicine and surgery since its publication in 2008. The two texts together remain the most comprehensive source of information available in this field. This volume is divided into two sections. The first includes comprehensive chapters on general topics and topics relevant to multiple taxa. Several new topics are presented including: wildlife health in Australia and the important role veterinarians play in Australia's biosecurity systems; medical aspects of native mammal reintroductions and translocations; disease risk analysis; wildlife rehabilitation practices in Australia with an emphasis on welfare of animals undergoing rehabilitation; management of overabundant populations; immunology; and stress physiology. The second section provides updates on current knowledge relevant to specific taxa. Several appendices provide useful reference data and information on clinical reference ranges, recommended venipuncture sites, chemical restraint agent doses and regimens, a drug formulary and dental charts. Written by Australian experts, Current Therapy in Medicine of Australian Mammals is clinically oriented, with emphasis on practical content with easy-to-use reference material. It is a must-have for veterinarians, students, biologists, zoologists and wildlife carers and other wildlife professionals. This volume also complements, updates and utilises the resources of other books such as Radiology of Australian Mammals (Vogelneust and Allan 2015), Pathology of Australian Native Wildlife (Ladds 2009), Haematology of Australian Mammals (Clark 2004) and Australian Mammals: Biology and Captive

Management (Jackson 2003), all CSIRO Publishing publications.

In the modern era, zoos and aquariums fight species extinction, educate communities, and advance learning of animal behaviour. This book features first person stories and scientific reviews to explore ground breaking projects run by these institutions. Large-scale conservation initiatives that benefit multiple species are detailed in the first section, including critical habitat protection, evidence-based techniques to grow animal populations and the design of community education projects. The second section documents how zoos use science to improve the health and welfare of animals in captivity and make difficult management decisions. The section on saving species includes personal tales of efforts to preserve wild populations through rehabilitation, captive breeding, reintroduction, and public outreach. The concluding section details scientific discoveries about animals that would have been impossible without the support of zoos and aquariums. The book is for animal scientists, zoo professionals, educators and researchers worldwide, as well as students of zookeeping and conservation.

Exotic Animal Laboratory Diagnosis is a practical, user-friendly guide to diagnostic testing in a wide range of exotic species. Offers complete information on obtaining samples, performing tests, and interpreting laboratory results in exotic animals Presents information on each species using a similar format for easy access Emphasizes details on clinical biochemistries, urinalysis, and common laboratory diagnostic tests not found in other resources Draws together information on selecting, performing, and using diagnostic tests into a single easy-to-use resource Covers a wide range of species, including small mammals, primates, reptiles, aquatic animals, and wild, laboratory, and pet birds

Journal of Zoo and Wildlife Medicine Zoo Animal and Wildlife Immobilization and Anesthesia John Wiley & Sons Zoo and Wild Mammal Formulary John Wiley & Sons

Studying Captive Animals outlines the methods that may be used to study the behaviour, welfare and ecology of animals living under the control of humans, including companion animals, feral populations, and those living on farms and in zoos. This book is a step-by-step guide to the whole process of conducting a scientific study: from designing the original project, formulating testable hypotheses, and collecting and analysing the data, to drawing conclusions from the work and writing it up as a scientific report or paper. It also illustrates how to write a formal research proposal - a crucial and often difficult element of the student project - and how to deal with the ethical review process. Sample data collection sheets are provided and the analysis and presentation of data are worked through in diagrammatic form. In addition, exercises are included that enable the reader to practice analysing different types of data and advice is provided on the selection of appropriate statistical tests. The text describes the different types of student projects that may be undertaken in the field, and explains where secondary data may be found for zoos. This is an insightful resource, particularly for those studying and working with zoo and farm animals. It is essential reading for students studying zoo biology and animal management; it is also suitable for students on courses in animal behaviour, animal welfare, zoology, biology, psychology, animal science, animal production, animal ecology, conservation biology, and veterinary science. This book is primarily intended for undergraduates but will also be of value to postgraduate students who have not previously engaged in field studies. Professionals working in institutions that are members of the World Association of Zoos and Aquariums, the European Association of Zoos and Aquaria and other regional and national zoo organisations will benefit from access to this practical guide.

As species extinction, environmental protection, animal rights, and workplace safety issues come to the fore, zoos and aquariums need keepers who have the technical expertise and scientific knowledge to keep animals healthy, educate the public, and create regional, national, and global conservation and management communities. This textbook offers a comprehensive and practical overview of the profession geared toward new animal keepers and anyone who needs a foundational account of the topics most important to the day-to-day care of zoo and aquarium animals. The three editors, all experienced in zoo animal care and management, have put together a cohesive and broad-ranging book that tackles each of its subjects carefully and thoroughly. The contributions cover professional zookeeping, evolution of zoos, workplace safety, animal management, taxon-specific animal husbandry, animal behavior, veterinary care, public education and outreach, and conservation science. Using the newest techniques and research gathered from around the world, Zookeeping is a progressive textbook that seeks to promote consistency and the highest standards within global zoo and aquarium operations.

Animals that must hunt and kill for at least part of their living are inherently interesting to many people and the role that carnivores play in biological communities attract interest from ecologists and conservation biologists. Conflicts with human activities stimulate continual debates about the management of carnivore populations, and throughout the world people seek workable solutions for human/carnivore coexistence. This concise yet authoritative handbook describes research methods and techniques for the study and conservation of all terrestrial carnivore species. Particular attention is paid to techniques for managing the human/carnivore interface. Descriptions of the latest methodologies are supported by references to case studies, whilst dedicated boxes are used to illustrate how a technique is applied to a specific land cover type, species, or particular socio-economic context. The book describes the most recent advances in modelling the patterns of animal distributions, movements, and use of land cover types, as well as including the most efficient methods to trap, handle, and mark carnivores. Carnivores are biogeographically diverse and whilst extensive scientific research has investigated many aspects of carnivore biology, not all species have been equally covered. This book is unique in its intention to provide practical guidance for carrying out research and conservation of carnivores across all species and areas of the world.

This book brings together information from recent research, and provides new insight into the study of lemur origins, and the ecology and adaptation of both extant and recently extinct lemurs. In addition, it addresses issues of primate behavioral ecology and how environment can play a major role in explaining species variation. It is the only comprehensive volume to focus on lemur ecology and adaptability, with chapters written by all the big names in the field.

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.

Bryant White, Steven A. Williams

Zoo Animals: Behaviour, Management, and Welfare is the ideal resource for anyone needing a thorough grounding in this subject, whether as a student or as a zoo professional.

Report provides information on distribution, abundance, and health of birds, mammals, reptiles and amphibians, fishes, invertebrates, plants, terrestrial ecosystems, aquatic ecosystems, coastal and marine ecosystems, riparian ecosystems, the Great Plains, Interior West, Alaska, and Hawaii. It also discusses special issues: global climate change, human influences, non-native species, and habitat assessments.

Get the experts' perspective on the top journals of the 20th century! The Journals of the Century project gathered some of America's top subject expert librarians to determine the most influential journals in their respective fields. Thirty-two contributing authors—led by Editor Tony Stankus—reviewed journals from over 20 countries that have successfully shaped the evolution of their individual specialties worldwide. Their choices reflect the history of each discipline or profession, taking into account rivalries between universities, professional societies, for-profit and not-for-profit publishers, and even nation-states and international ideologies, in each journal's quest for reputational dominance. Each journal was judged using criteria such as longevity of publication, foresight in carving out its niche, ability to attract & sustain professional or academic affiliations, opinion leadership or agenda-setting power, and ongoing criticality to the study or practice of their field. *Journals of the Century* presents wholly independent reviewers; none are in the employ of any publisher, but each is fully credentialed and well published, and many are award-winners. The authors guide college and professional school librarians on limited budgets via an exposition of their analytical and critical winnowing process in determining the classic resources for their faculty, students, and working professional clientele. The chapters are logically grouped together in six clusters that reflect the commonly shared interests of library liaisons and the range of like-minded academic departments they typically serve. These clusters include: The Helping Professionals (chapters on social work, education, psychology, sociology, and library and information sciences) Music, Museums, and Methodists (chapters on visual arts, anthropology, archaeology, philosophy, and the American religious experience) Business and Law (chapters on business and economics, plus legal literature) War and Peace (chapters on modern history, political science and international relations, and military affairs) Physical Sciences and Engineering (chapters on mathematics and the physical sciences as well as engineering and computer science) Life, Health, and Agriculture (chapters on medicine and surgery, pharmacy, physical therapy and nutrition, agriculture, and veterinary medicine) *Journals of the Century* answers questions such as: Which university press leads in high-ranking titles in the helping professions? In what crime-fighting journal, ironically mentioned within the Music, Museums, and Methodists cluster, do anthropologists routinely publish? What two journals cover the biggest yearly expense of most working Americans and rank highly within both chapters of the Business and Law cluster? What family of British publications has remained indispensable reading for political and military readers for over a century in the War and Peace Cluster? What society in the Physical Sciences and Engineering cluster publishes more journals than any other publisher in this book, covering topics from light bulbs and computers to MRIs and windmills? What one-word-titled journal has joined the venerable pair of *Nature* and *Science* as the most important reporters of world-class breakthroughs in basic biomedical science? and many, many more! *Journals of the Century* includes extensive commentaries on each cluster by the editor, with graphical representations by world regions and publishing sectors contributing to each chapter. ISSN numbers for print editions, and URL addresses for online editions are provided in a comprehensive title index. This unique book is an essential resource for serials librarians in academia, new reference librarians familiarizing themselves with classic titles, and collection evaluators and college accreditation examiners.

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 understanding of the work of zoos and aquariums is central to many programmes of study in wildlife conservation and more specialised programmes in zoo and aquarium science and management. This book is intended as a study and revision guide for students following these programmes. It contains 600 multiple-choice questions (and answers) set at three levels - foundation, intermediate and advanced - and grouped into 10 major topic areas. The book has been produced in a convenient format so that it can be used at any time in any place. It allows the reader to learn and revise the meaning of terms used in zoo and aquarium biology, the principles of animal husbandry and enclosure design, the behaviour of zoo visitors, the operation of captive breeding programmes, the international organisation of zoos, their legal regulation and much more.

Paratuberculosis, also referred to as Johne's disease, affects principally cattle, goats, sheep, buffalo, deer and other ruminants. It is common worldwide and responsible for significant economic losses in the ruminant livestock industries. A timely follow up to the first book on Paratuberculosis, this new edition is still the only comprehensive text providing both historical context and the latest developments in the field. Examining the epidemiology of paratuberculosis, the organism that causes the disease, and practical aspects of its diagnosis and control, it also addresses the link between paratuberculosis in the food chain and human health implications, including Crohn's disease.

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.

A revitalized version of the popular classic, the Encyclopedia of Library and Information Science, Second Edition targets new and dynamic movements in the distribution, acquisition, and development of print and online media-compiling articles from more than 450 information specialists on topics including program planning in the digital era, recruitment, information management, advances in digital technology and encoding, intellectual property, and hardware, software, database selection and design, competitive intelligence, electronic records preservation, decision support systems, ethical issues in information, online library instruction, telecommuting, and digital library projects.

Issues in Life Sciences—Zoology / 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Emu Research. The editors have built Issues in Life Sciences—Zoology: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Emu Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Life Sciences—Zoology / 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

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.

Infectious Diseases of Wild Mammals, Third Edition presents the latest information on the diagnosis and treatment of infectious disease in both free-ranging and captive wild mammals. Editors Elizabeth Williams and Ian Barker have recruited 71 contributors, all noted experts in their fields, to update this new edition. This reference provides valuable information on each disease, including Etiology History Distribution Epidemiology Clinical signs Pathology Immunity Diagnosis Treatment Control This latest edition is a leading reference book for Wildlife biologists, managers, and rehabilitators Biology students Conservationists Public health workers

Elephants are possibly the most well-known members of the animal kingdom. The enormous size, unusual anatomy, and longevity of elephants have fascinated humans for millenia. Biology, Medicine, and Surgery of Elephants serves as a comprehensive text on elephant medicine and surgery. Based on the expertise of 36 scientists and clinical veterinarians, this volume covers biology, husbandry, veterinary medicine and surgery of the elephant as known today. Written by the foremost experts in the field

Comprehensively covers both Asian and African elephants Complete with taxonomy, behavioral, geographical and systemic information Well-illustrated and organized for easy reference

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