

Journal Of Zoo And Wildlife Medicine Editorial Guidelines

This book is the first to critically examine the many ways in which tourism and animals intersect and aims to make a meaningful contribution to the growing body of knowledge concerning the relationships between animals, tourists and the tourism industry.

This book is a continuation of and a complement to the previous editions that are considered the standards in the field of zoo animal medicine. This edition offers information on such topics as the diseases and management of free ranging wild animals. A smart addition to any veterinarian or student reference library.

Red Panda: Biology and Conservation of the First Panda, Second Edition, provides the most up-to-date research, data, and conservation solutions for the red pandas, *Ailurus* species. Since the publication of the previous edition in 2010, the International Union for Conservation of Nature (IUCN) updated the threat level of red pandas, and they are now considered to be endangered. This latest edition is updated to provide an in-depth look at the scientific and conservation-based issues urgently facing the red panda today. Led by one of the world's leading authorities and advocates for red panda conservation, this new edition includes data from the Population and Habitat Viability (PHVA) workshops conducted in three of the species' range states, Nepal, China, and India; these workshops utilized firsthand information on the decrease of red panda populations due to factors including deforestation, illegal pet trade, human population growth, and climate change. This book also includes updated information from the first edition on reproduction, anatomy, veterinary care, zoo management, and fossil history. Discusses the evidence for two species of red panda and how this might impact conservation efforts Reports on status in the wild, looks at conservation issues and considers the future of this unique species Written by long-standing red panda experts as well as those specializing in fields involving cutting-edge red panda research Includes new chapters on topic including the impact of climate change, how bamboo influences distribution, and conservation in Bhutan and Myanmar

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.

AAP Prose Award Finalist 2018/19 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. 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. 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.

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. This comprehensive volume covers all mammals that occur naturally on the African mainland south of the Cunene and Zambezi rivers, and also in the subregion's coastal waters. Extensively revised and updated for the new edition, it now includes the latest data from from mammal research in southern Africa along with the radical taxonomic changes across all levels of mammalian classification. Containing contributions from specialists on each mammalian order, each species description has been reviewed by a range of independent and internationally recognised authorities. Along with the latest taxonomic information, the distribution maps and illustrations have been updated and redrawn, several new colour plates have been added, and the whole design has been enhanced to aid access to key information. This is the most comprehensive and up-to-date survey of southern-African mammals and forms an essential reference for zoologists, evolutionary biologists and anyone wanting an overview of the region's wildlife.

Vols. for 1963- include as pt. 2 of the Jan. issue: Medical subject headings

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.

The first comprehensive account of the ethical issues facing biological anthropologists today. 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, zahnarne 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.

The 2e of the gold standard text in the field, Nonhuman Primates in Biomedical Research provides a comprehensive, up-to-date review of the use of nonhuman primates in biomedical research. The Diseases volume provides thorough reviews of naturally occurring diseases of nonhuman primates, with a section on biomedical models reviewing contemporary nonhuman primate models of human diseases. Each chapter contains an extensive list of bibliographic references, photographs, and graphic illustrations to provide the reader with a thorough review of the subject. Fully revised and updated, providing researchers with the most comprehensive review of the use of nonhuman primates in bioledical research Addresses commonly used nonhuman primate biomedical models, providing researchers with species-specific information Includes four color images throughout

Medicine and Surgery of Tortoises and Turtles is an innovative and exciting new reference book on the management of chelonians. Covering everything from species identification to virus isolation techniques, it is an indispensable source of information for veterinary practitioners treating sick or injured chelonians and all those involved in captive chelonian care, chelonian conservation medicine, and scientific research. Written by leading chelonian veterinarians from around the world, this definitive book includes: Detailed sections on anatomy, physiology, husbandry, nutrition, diagnosis, diseases, anaesthesia, surgery, therapeutics and conservation. Over 1000 full-colour photographs, which take the reader through disease recognition, practical nursing, captive husbandry and common surgical conditions. Down-to-earth clinical information presented in a user-friendly format. Medicine and

Surgery of Tortoises and Turtles is both a step-by-step photographic guide and a detailed source of clinical and scientific data. As well as this, it contains fascinating material that has never been published before, ensuring that it will become the primary chelonian reference book.

The relationship among these three components of wildlife management is explained in chapters written by leading experts and is designed to prepare wildlife students for careers in which they will be charged with maintaining healthy animal populations; finding ways to restore depleted populations while reducing overabundant, introduced, or pest species; and managing relationships among various human stakeholders. Topics covered in this book include; The definitions of wildlife and management • Human dimensions of wildlife management • Animal behavior • Predator–prey relationships ; Structured decision making; Issues of scale in wildlife management; Wildlife health; Historical context of wildlife management and conservation; Hunting and trapping; Nongame species; Nutrition ecology; Water management; Climate change; Conservation planning

Features the American Association of Zoo Veterinarians, based in Lawrence, Kansas, whose mission is to improve the health care and promote conservation of captive and free-ranging wildlife. Provides membership details and offers access to searchable abstracts of the "Journal of Zoo and Wildlife Medicine," a publication of the association.

Scientific journal from Durrell Wildlife Conservation Trust

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

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

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.

A fully revised edition of a volume written by the world's leading authorities on this subject. It discusses how the evolution of humans and their pathogens have generated important medical issues, covering both infectious and degenerative diseases. It presents important ideas that are not yet sufficiently appreciated in the medical community.

Schaller, Robert W. Shumaker, Sigourney Weaver, Patricia Chapple Wright

As one of the world's most popular cultural activities, wild animal collections have been attracting visitors for 5,000 years. Under the direction of Vernon N. Kisling, an expert in zoo history, an international team of authors has compiled the first comprehensive, global history of animal collections, menageries, zoos, and aquariums. *Zoo and Aquarium History: Ancient Animal Collections to Zoological Gardens* documents the continuum of efforts in maintaining wild animal collections from ancient civilizations through today. Although historical research on zoos and aquariums is still at a rudimentary stage, this book pulls together regional information along with the cultural aspects of each region to provide a foundation upon which further research can be based. It presents a chronological listing of the world's zoos and aquariums and features many never-before published photographs. Sidebars present supplementary information on pertinent personalities, events, and wildlife conservation issues. As an overview of the current state of our knowledge, *Zoo and Aquarium History: Ancient Animal Collections to Zoological Gardens* provides an extensive, chronological introduction to the subject and highlights the published and archival resources for those who want to know more.

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.

Rev. ed. of: *A technician's guide to exotic animal care* / Thomas N. Tully Jr., Mark A. Mitchell. c2001.

Combining anecdotes with scientific data, this book is a journalistic inquiry into what is currently known about zoos and aquariums as sociocultural intersections of mission, public perception, and on-site meaning making. The authors draw on conservation psychology and other social science research to explore how zoos might develop and deliver more effective learning experiences to promote and nurture conservation values and collective action. While people use zoos with specific priorities and motivations in mind, these are social settings. Indeed, it is because they represent an important, vast, and trusted social enterprise that zoos have such powerful opportunities to change how diverse public audiences view, value, identify, and engage with animals and the broader biophysical environment.

This book outlines the status quo of worldwide wildlife tourism and its impacts on planning, management, knowledge, awareness, behaviour and attitudes related to wildlife encounters. It sets out to fill the considerable gaps in our knowledge on wildlife tourism, applied ecology, and environmental education, providing comprehensive information on and an interdisciplinary approach to effective management in wildlife tourism. Examining the intricacies, challenges, and lessons learned in a meaningful and rewarding tourism niche, this interdisciplinary book comprehensively examines the major potentials and controversies in the wildlife tourism industry. Pursuing an insightful, provocative and hands-on approach, it primarily addresses two questions: 'Can we reconcile the needs of the wildlife tourism industry, biodiversity conservation, ecological learning and animal ethics issues?' and 'What is the Future of the Wildlife Tourism Industry?'. Though primarily intended as a research text, it also offers a valuable resource for a broad readership, which includes university and training students, researchers, scholars, tourism practitioners and professionals, planners and managers, as well as the staff of government agencies.

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.

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.

As scientific analysis of testable hypotheses has replaced the speculative approach to study of bone disease in recent and fossil amphibians and reptiles, the field has advanced from simply reporting observations to analyzing their implications. This process is predicated upon a reproducible data base which explains/diagnoses the nature of bony alterations and a secure review of the literature. Thereby hangs the rub. The herpetological literature are difficult to access (let alone read) and are scattered through many prominent and eclectic journals and in the lay literature. While older diagnoses often have not stood the test of time, the clarity of report descriptions usually allows confident identification of the underlying pathology.

Known as "the bible" of herpetological medicine and surgery, Mader's Reptile and Amphibian Medicine and Surgery, 3rd Edition edited by Stephen Divers and Scott Stahl provides a complete veterinary reference for reptiles and amphibians, including specific sections on practice management and development; taxonomy, anatomy, physiology, behavior, stress and welfare; captive husbandry and management including nutrition, heating and lighting; infectious diseases and laboratory sciences; clinical techniques and procedures; sedation, anesthesia and analgesia; diagnostic imaging; endoscopy; medicine; surgery; therapy; differential diagnoses by clinical signs; specific disease/condition summaries; population health and public health; and legal topics. Well-organized and concise, this new edition covers just about everything related to reptiles and amphibians by utilizing an international array of contributing authors that were selected based on their recognized specialization and expertise, bringing a truly global perspective to this essential text!

How to interpret radiographs of native mammals in order to make informed decisions on diagnosis, prognosis and treatment.

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