

Noninfectious Diseases Of Wildlife

Zoo Animal and Wildlife Immobilization and Anesthesia
Disease Emergence and Resurgence
Hunter's Tropical Medicine and Emerging Infectious Diseases E-Book
Disease in Wild Animals
Infectious Diseases and Pathology of Reptiles
Field Manual of Wildlife Diseases
Diseases of Ostriches and Other Ratites
Journal of Wildlife Diseases
Techniques for Wildlife Investigations and Management
Infectious Diseases of Wild Mammals
Ecology and Conservation of Lesser Prairie-Chickens
Raptor Medicine, Surgery and Rehabilitation, 2nd Edition
Noninfectious Diseases of Wildlife
Birds of Prey
Essentials of Disease in Wild Animals
Pathology of Pet and Aviary Birds
Reindeer and Caribou
Exotic Animal Formulary - eBook
The Wildlife Techniques Manual
Pathology of Wildlife and Zoo Animals
Diseases of Wildlife in Wyoming
Non-Infectious Diseases of Wildlife
Infectious Diseases and Pathology of Reptiles
Companion Guide to Infectious Diseases of Mice and Rats
Disease in Wild Animals
Foundations of Wildlife Diseases
Infectious Diseases of Wild Birds
Disease Emergence and Resurgence
Genetics and Evolution of Infectious Diseases
Human Diseases from Wildlife
Equine Infectious Diseases E-Book
Critical Needs for Research in Veterinary Science
Noninfectious Diseases and Pathology of Reptiles
CRC Handbook of Marine Mammal Medicine
Diseases of Amphibians and Reptiles
Fish Diseases
Gorilla Pathology and Health
Management of Disease in Wild Mammals
Use of Lead Shot for Hunting Migratory Birds in the United States
Foundations of Wildlife Diseases

Zoo Animal and Wildlife Immobilization and Anesthesia

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

Disease Emergence and Resurgence

Hunter's Tropical Medicine and Emerging Infectious Diseases E-Book

Gary Wobeser's successful book from 1994 has been completely updated and enlarged in a new second edition. An in-depth overview of the available techniques for the investigation and management of disease in free-ranging animals is provided. The subjects are illustrated with examples drawn from around the world, with emphasis on the special requirements involved in working with wild animals. The book draws on the author's training as a wildlife biologist.

Disease in Wild Animals

A quick, concise reference to the drugs and dosages used to treat exotic animals, *Exotic Animal Formulary, 4th Edition* addresses the most common questions and medical situations you encounter in clinical practice. Species covered include birds, fish, amphibians, reptiles, primates, wildlife, and all kinds of small mammals and "pocket pets." This edition is updated with a new chapter on invertebrates, information on the latest drugs, and a colorful new design. Written by clinical and research veterinarian James Carpenter, this book is the only drug formulary on the market created solely for the treatment of exotic animals. Nearly 200 drug tables provide clear, current recommendations on drugs, indications, and dosages used in treating exotic animals, including biological tables with details on therapies and diets, normal blood parameters of common species, venipuncture sites, differential diagnosis, and medical protocols for common conditions. All drug information is reviewed for accuracy, ensuring that this reference remains authoritative and current. Easy-to-use organization divides drug monographs into quick-reference chapters including: Invertebrates, Fish, Amphibians, Reptiles, Birds, Sugar Gliders, Hedgehogs, Rodents, Rabbits, Ferrets, Miniature Pigs, Primates, and Wildlife. Additional drug topics include antimicrobial, antifungal, and antiparasitic agents. More than 20 expert authors contribute to this edition. References in each chapter provide resources for further research and study. Convenient appendices provide a single source for information such as classes of drugs used to treat specific exotic animal conditions; efficacy of selected agents used to treat exotic animals; location of select laboratories to perform procedures; normal lab values; conversions; and equivalents. New Invertebrates chapter has been added. New two-color design makes information easier to access at a glance, with drug and biological tables shaded differently for fast lookup. Updated information includes coverage of the latest drugs introduced into the market. Electronic access is available via Pageburst, making it easy to search topics and drugs. Sold separately.

Infectious Diseases and Pathology of Reptiles

Fish Diseases: Prevention and Control Strategies provides essential information on disease prevention and treatment by the most experienced fish culturists in the industry. The book presents both traditional and novel methodologies of identifying and addressing fish disease risk, along with preventative and responsive insights to the challenges impacting fish production today. Both specific (vaccination) and non-specific (immunostimulation) approaches are explored, from maintaining optimal environmental conditions, to understanding how stressors in fish affect their immune system. Includes relevant information on government restrictions on drug usage in aquaculture to address the strict demand for fish products free of pollutants/antibiotics Presents best practices in fish farming to prevent disease and promote good health status and fish disease management Provides the most recent research on fish diseases prevention, the pathogens most studied, and options for methods of treatment

Field Manual of Wildlife Diseases

Diseases of Ostriches and Other Ratites

Infectious Diseases and Pathology of Reptiles, Second Edition provides definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of infectious diseases affecting reptiles. It features stunning high-quality color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of infectious diseases of reptiles. Editor Elliott Jacobson draws on his own photography collection, and his wealth of experience spanning over 40 years in the research of infectious diseases and veterinary care of reptiles. Already a comprehensive reference, a new volume covering noninfectious diseases of reptiles has now been added to create a two-volume set, Diseases and Pathology of Reptiles. Beginning with a thorough review of the biology, anatomy, and histology of reptiles, Volume 1 covers all major systems and provides the most complete single source for color images of reptile histology, hematology, and cytology. Volume 1 addresses the mechanism of reptile immunology and the response to pathogens, and explains how immunological response is key to differential diagnosis. It provides an overview of electron microscopy, complete with electron micrographs of reptile pathogens, and introduces the necessity of molecular methods for diagnosis. Finally, this volume devotes several chapters to the viral, bacterial, fungal, and parasitic diseases known to reptiles, and methods for isolating these pathogens. With up-to-the-minute data, an array of sharp and high-quality images, and a panel of expert contributors, this new edition of Infectious Diseases and Pathology of Reptiles is the definitive resource for veterinary pathologists, zoo or wildlife veterinarians, and the increasing number of private practice veterinarians seeing reptiles kept as exotic pets. It is also ideal reading for veterinary students specializing in exotics, candidates for ACZM accreditation, and private breeders and hobbyists.

Journal of Wildlife Diseases

Zoo Animal and Wildlife Immobilization and Anesthesia, Second Edition is a fully updated and revised version of the first comprehensive reference on anesthetic techniques in captive and free-ranging wildlife. Now including expanded coverage of avian and aquatic species, this exhaustive resource presents information on the full range of zoo and wildlife species. Covering topics ranging from monitoring and field anesthesia to CPR and euthanasia, the heart of the book is devoted to 53 species-specific chapters providing a wealth of information on little-known and common zoo and wildlife animals alike. In addition to new species chapters, the new edition brings a new focus on pain management, including chronic pain, and more information on species-specific physiology. Chapters on airway management, monitoring, emergency therapeutics, and field procedures are all significantly expanded as well. This update to Zoo Animal and Wildlife Immobilization and Anesthesia is an invaluable addition to the library of all zoo and wildlife veterinarians.

Techniques for Wildlife Investigations and Management

Raptor biology has evolved enormously since the publication of the original edition of this book under the title Veterinary Aspects of Captive Birds of Prey. With the

help of leading international experts, John E. Cooper has updated and expanded this classic reference to include all the latest data on the health and diseases of raptors. While still serving the needs of veterinary surgeons who treat birds of prey, *Birds of Prey: Health & Disease* also appeals to a wide readership of falconers, avian researchers, breeders, rehabilitators and zoo staff. Important changes to this new edition are the inclusion of data on free-living birds, additional material on fractures, pathology, legislation and poisons, and new sections on neonatology, health monitoring, captive-breeding and host-parasite relations. This book reviews all aspects of birds of prey, giving invaluable up-to-date information on diseases and pathology, but also looking at the history of the subject, the origins of terms, the evolution of current thinking and ending with a reliable list of primary references for further reading.

Infectious Diseases of Wild Mammals

Gary Wobeser's successful book from 1994 has been completely updated and enlarged in a new second edition. An in-depth overview of the available techniques for the investigation and management of disease in free-ranging animals is provided. The subjects are illustrated with examples drawn from around the world, with emphasis on the special requirements involved in working with wild animals. The book draws on the author's training as a wildlife biologist.

Ecology and Conservation of Lesser Prairie-Chickens

This book is a comprehensive presentation of health and diseases in reindeer and caribou, or just Rangifer, a key Circumarctic species with broad social and ecological value. It is an essential reference for anyone interested in the biology and health of wild or semi-domesticated reindeer and caribou, and is more broadly relevant for those with interests in other species of free-ranging and captive cervids. Beginning with a general introduction to Rangifer as a species, it then focuses on Rangifer "health" as a concept and describes the determinants of health at an individual and population level. Chapters cover a range of topics from nutrition and feeding to stress, non-infectious and infectious diseases, meat hygiene, capture and restraint, diagnosis and treatment of health issues, and finally, potential impacts of climate change on health of Rangifer. *Reindeer and Caribou: Health and Disease* compiles extensive research and experience-based information on issues ranging from drug doses for chemical immobilization, blood chemistry values, and raising an orphaned calf. In addition, it contains hundreds of high quality colour illustrations that contribute to its value as a diagnostic resource for recognizing various parasites, pathogens and signs of disease, both in live and dead animals. Each chapter is followed by a comprehensive list of references and a list of contact information for all the contributors, identifying world experts in the different areas of health for this circumpolar and fascinating species. This book is compulsory reading and an indispensable resource for anyone dealing with health in reindeer and caribou, including veterinarians, wildlife biologists and managers, reindeer herders/game ranchers, zoological husbandry personnel, and students with wildlife health.

Raptor Medicine, Surgery and Rehabilitation, 2nd Edition

Pathology of Pet and Aviary Birds, Second Edition provides a comprehensive reference to the gross and histologic features of diseases seen in pet and aviary birds, with more than 850 images depicting disease lesions. • Provides a complete resource for identifying both common and not-so-common diseases in a wide range of avian species • Includes more than 850 full-color images to show disease lesions • Offers context for the interpretation of pathologic findings, promoting an understanding of the pathogenesis and epizootiology of disease • Adds information on pigeons and chickens, pathophysiology, prognosis and trends, and globally relevant diseases • Aids pathologists, diagnosticians, and avian veterinarians in identifying lesions in pet birds

Noninfectious Diseases of Wildlife

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

Birds of Prey

Far from the line drawings and black-and-white photos of the past, Infectious Diseases and Pathology of Reptiles features high-quality, color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of pathogens and diseases. Many of these images have never before been published, and come directly from

Essentials of Disease in Wild Animals

While diseases of free-ranging and captive mammalian and avian wildlife species

have received considerable interest in the past 25 years, those of amphibians and reptiles (collectively, the herptiles) generally have been assigned lesser importance. The literature concerning disease in herptiles is widely scattered, consisting chiefly of case reports and prevalence surveys, and with heavy emphasis on captive reptiles. The dynamics of the host-agent-environment relationship have been studied for only a few diseases. This diverse data base is primarily a function of the paucity of investigators whose chief interest is in diseases of herptiles. This first edition represents an effort to bring together some of the diffuse knowledge on infectious and non-infectious diseases of free-ranging and captive herptiles. Issue may be taken with the choice of topics; however, predominant diseases, as well as some diseases of lesser prominence, are presented. The editors were forced to accept certain omissions, particularly with amphibian diseases, simply for lack of contributors. The resulting text, however, we hope will be of value to veterinarians, herpetologists, wildlife disease investigators, wildlife managers, zoo curators, and university students. G.L. Hoff F.L. Frye E.R. Jacobson v CONTENTS Mycobacteriosis 1 D.G. Brownstein Pasteurella in Reptiles 25 K.P. Snipes Pseudomonas 37 E.R. Jacobson Aereomonas 49 E.B. Shotts, Jr.

Pathology of Pet and Aviary Birds

Since its original publication in 1960, *The Wildlife Techniques Manual* has remained the cornerstone text for the professional wildlife biologist. Now fully revised and updated, this seventh edition promises to be the most comprehensive resource on wildlife biology, conservation, and management for years to come. Superbly edited by Nova J. Silvy, the thirty-seven authoritative chapters included in this work provide a full synthesis of methods used in the field and laboratory. Chapter authors, all leading wildlife professionals, explain and critique traditional and new methodologies and offer thorough discussions of a wide range of relevant topics, including:

- experimental design
- wildlife health and disease
- capture techniques
- population estimation
- telemetry
- vegetation analysis
- conservation genetics
- wildlife damage management
- urban wildlife management
- habitat conservation planning

A standard text in a variety of courses, the *Techniques Manual*, as it is commonly called, covers every aspect of modern wildlife management and provides practical information for applying the hundreds of methods described in its pages. To effectively incorporate the explosion of new information in the wildlife profession, this latest edition is logically organized into a two-volume set: Volume 1 is devoted to research techniques and Volume 2 focuses on management methodologies. *The Wildlife Techniques Manual* is a resource that professionals and students in wildlife biology, conservation, and management simply cannot do without. Published in association with The Wildlife Society

Reindeer and Caribou

Foundations of Wildlife Diseases is a comprehensive overview of the basic principles that govern the study of wildlife diseases. The authors integrate theoretical foundations with a thorough examination of the factors that can affect the health and fitness of animals. They include specific information on a wide array of infectious agents such as bacteria, viruses, arthropods, fungi, protista, and helminths, as well as immunity to these agents. Also provided is a foundation for

the study of noninfectious diseases, cancers, and prion diseases that affect wildlife. Supporting students, faculty, and researchers in areas related to wildlife management, biology, and veterinary sciences, this volume fills an important gap in wildlife disease resources, focusing on mammalian and avian wildlife while also considering reptiles and amphibians. *Foundations of Wildlife Diseases* provides students with a structure for thinking about and understanding infective agents and their interactions with wildlife. Each chapter includes an outline, select definitions and concepts, an overview and summary, and literature cited. £

Exotic Animal Formulary - eBook

The Wildlife Techniques Manual

CRC Handbook of Marine Mammal Medicine, Second Edition is the only handbook specifically devoted to marine mammal medicine and health. With 66 contributors working together to craft 45 scientifically-based chapters, the text has been completely revised and updated to contain all the latest developments in this field. Building upon the solid foundation of the previous edition, the contents of this book are light-years ahead of the topics presented in the first edition. See what's new in the Second Edition: Marine mammals as sentinels of ocean health Emerging and resurging diseases Thorough revision of the Immunology chapter Diagnostic imaging chapters to illustrate new techniques Quick reference for venipuncture sites in many marine mammals Unusual mortality events and mass strandings New topics such as a chapter on careers Wider scope of coverage including species outside of the United States and Canada Filled with captivating illustrations and photographs, the Handbook guides you through the natural history of cetaceans, pinnipeds, manatees, sea otters, and polar bears. Prepared in a convenient, easy-to-use format, it is designed specifically for use in the field. Covering more than 40 topics, this one-of-a-kind reference is packed with data. The comprehensive compilation of information includes medicine, surgery, pathology, physiology, husbandry, feeding and housing, with special attention to strandings and rehabilitation. The CRC Handbook of Marine Mammal Medicine, Second Edition is still a must for anyone interested in marine mammals.

Pathology of Wildlife and Zoo Animals

In recent years nobody could have failed to notice the frequent and often sensationalist media headlines warning of the latest global disease threat to humankind. But behind all the hyperbole lie real challenges related to dealing with the increasing incidence of emerging zoonotic disease events, the majority of which are thought to originate in wildlife (Jones et al. 2008). There are also many important diseases of domestic livestock which also occur in wildlife (e. g. foot and mouth disease and classical swine fever in wild boar, bovine tuberculosis in deer, badgers or possums), some of which can have a devastating impact on the farming industry, the wider rural economy and ultimately the public purse. But we should also not forget that wildlife diseases may have serious implications for the conservation of biodiversity. For some of the rarest, most endangered species (such as the Ethiopian wolf) disease may pose the greatest threat to their survival. If we are to

avoid or reduce these impacts then we must improve our ability to detect and manage the risks associated with disease in wildlife populations. This is a challenge that will require expertise from many different disciplines: veterinary, ecological, medical, economic, political and zoological. In such an interdisciplinary field it is difficult to stay up to date with contemporary ideas and with techniques that may be rapidly evolving.

Diseases of Wildlife in Wyoming

Non-Infectious Diseases of Wildlife

Shortlisted for the 2018 TWS Wildlife Publication Awards in the edited book category Lesser Prairie-Chickens have experienced substantial declines in terms of population and the extent of area that they occupy. While they are an elusive species, making it difficult at times to monitor them, current evidence indicates that they have been persistently decreasing in number since the Dust Bowl of the 1930s dramatically affected their core range. In May of 2014, the United States Fish and Wildlife Service listed Lesser Prairie-Chickens as a threatened species, granting them federal protection under the Endangered Species Act, which included a special rule recognizing significant conservation planning efforts made by state and federal wildlife agencies within the geographical range of the species. Although the listing was vacated by judicial ruling in September 2015, concern for persistence of the species persists. These actions illustrate the uncertain legal status and future conservation challenges for Lesser Prairie-Chickens. Ecology and Conservation of Lesser Prairie-Chickens provides a compendium of data, analytical results, and synthesis generated among expert wildlife biologists, conservation biologists, and ornithologists. It thoroughly reviews the life history, genetics, and ecology of the species, and is ultimately directed toward developing and establishing appropriate conservation management strategies. It presents a detailed analysis of the issues and risks relative to conservation as well as an overview of potential conservation tools. It also addresses the challenges that natural resource managers continue to face in their current conservation efforts. While dealing with immediate and short-term issues in Lesser Prairie-Chicken conservation, this book is also a useful starting point for guiding future research, management, and conservation of the species. Published in collaboration with and on behalf of The American Ornithological Society, this volume in the highly-regarded Studies in Avian Biology series provides a definitive reference for researchers, managers, and policy makers as well as those with interests in environmental science, avian biology, game bird management, or Great Plains ecology.

Infectious Diseases and Pathology of Reptiles

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.

Companion Guide to Infectious Diseases of Mice and Rats

Disease in Wild Animals

Ideal for both practitioners and students, this comprehensive resource covers the diagnosis, treatment, and prevention of infectious disease in horses. Organized by infectious agent — virus, bacterial and rickettsial, protozoal, and fungal — it includes complete coverage of the individual diseases caused by each type of agent. A section on clinical problems examines conditions such as ocular infections, CNS infections, and skin infections. It also addresses the importance of preventing and controlling infectious disease outbreaks with coverage of epidemiology, biosecurity, antimicrobial therapy, and recognizing foreign equine diseases. Full-color photos and illustrations provide clear, accurate representations of the clinical appearance of infectious diseases. Features the most recent information on the global threat of newly emergent diseases such as African Horse Sickness. Includes a comprehensive section on the prevention and control of infectious diseases. More than 60 expert contributors share their knowledge and expertise in equine infectious disease. A companion CD-ROM, packaged with the book, includes complete references linked to PubMed.

Foundations of Wildlife Diseases

Infectious Diseases of Wild Birds

Gorilla Pathology and Health: With a Catalogue of Preserved Materials consists of two cross-referenced parts. The first, the book itself, is a review of pathological changes and tissue responses in gorillas (*Gorilla gorilla* and *G. beringei*), with an emphasis on free-living animals, but also with reference to those in captivity. The comparative aspects are discussed, stressing the relevance of research to both gorillas and humans. What makes the publication truly unique, however, is the second part, a comprehensive descriptive catalogue of the location and nature of gorilla material in museums and scientific institutions throughout the world. This is of great consequence because free-living gorillas are strictly conserved with restricted access, so the location of a wealth of preserved tissues and other material that has been collected over the decades is a great benefit for research and study. This book can, and should, be used to gain cardinal knowledge regarding the biology and pathology of this genus. The combination of book and catalogue in this extensive compilation makes it an invaluable tool for all those concerned with the health, welfare, and conservation of gorillas, one of our nearest living relatives. Brings together studies, data, and clinical practice from difficult-to-

access or obscure journals and NGO reports, in different languages, for all interested parties and practitioners Provides perspectives on existing research in gorilla pathology, both for those studying conservation practices and those seeking an understanding of comparable diseases in humans Includes illustrative figures on gross and microscopic pathological changes, museum specimens, photos of field necropsy and techniques, and examples of laboratory tests Features an extensive list of references and further reading, in different languages Incorporates a comprehensive, descriptive catalogue of gorilla material from around the world

Disease Emergence and Resurgence

Comprehensive, intensely practical, and extensively illustrated, this unique book consolidates years of practical knowledge of dealing with injured birds of prey. Written by a practicing veterinarian, it: concisely covers helpful, day-to-day advice through hints, tips and clinical insights; provides an emphasis on practical procedures; and includes numerous illustrations for easy recognition of symptoms and replication of techniques. Outlining everything from handling and the intake examination through to practical procedures and the treatment of a comprehensive range of conditions and injuries, the book also advises readers on housing, rehabilitation and eventual release. Also including numerous rapid reference charts, this book is the one text that any avian or general veterinarian needs by the bench for the treatment of raptors and birds of prey.

Genetics and Evolution of Infectious Diseases

This book accompanies Infectious Diseases and Pathology of Reptiles, Second Edition to cover noninfectious diseases of reptiles, meeting the need for a similar, authoritative single-source reference. The volume features color photos of normal anatomy and histology, as well as gross, light, and electron microscopic imagery of diseases. Subjects range from neoplasia, nutrition, and metabolic disease, and deposition disorders to developmental anomalies, trauma, and physical diseases, and the unique contribution of paleopathology and diseases of bone. Each chapter is supported by numerous figures, many of which are unique and cannot be found in the published literature. Readers will note that some of the chapters are based on organ system, a trend that will continue into the next edition to encompass all of the basic organ systems. This book holds the most information ever accrued into one publication on noninfectious diseases and pathology of this class of animals, providing information on every aspect of the anatomy, pathophysiology, and differential diagnosis. With up-to-the-minute data, a never-before-seen collection of images, and a stellar panel of contributors, Noninfectious Diseases and Pathology of Reptiles is the definitive resource for veterinarians, biologists, and researchers involved in the study of reptile diseases.

Human Diseases from Wildlife

Foundations of Wildlife Diseases is a comprehensive overview of the basic principles that govern the study of wildlife diseases. The authors integrate theoretical foundations with a thorough examination of the factors that can affect the health and fitness of animals. They include specific information on a wide array

of infectious agents such as bacteria, viruses, arthropods, fungi, protista, and helminths, as well as immunity to these agents. Also provided is a foundation for the study of noninfectious diseases, cancers, and prion diseases that affect wildlife. Supporting students, faculty, and researchers in areas related to wildlife management, biology, and veterinary sciences, this volume fills an important gap in wildlife disease resources, focusing on mammalian and avian wildlife while also considering reptiles and amphibians. Foundations of Wildlife Diseases provides students with a structure for thinking about and understanding infective agents and their interactions with wildlife. Each chapter includes an outline, select definitions and concepts, an overview and summary, and literature cited.

Equine Infectious Diseases E-Book

Free-living birds encounter multiple health hazards brought on by viruses, bacteria, and fungi, some which in turn can significantly impact other animal populations and human health. Newly emerging diseases and new zoonotic forms of older diseases have brought increased global attention to the health of wild bird populations. Recognition and management of these diseases is a high priority for all those involved with wildlife. Infectious Diseases of Wild Birds provides biologists, wildlife managers, wildlife and veterinary health professionals and students with the most comprehensive reference on infectious viral, bacterial and fungal diseases affecting wild birds. Bringing together contributions from an international team of experts, the book offers the most complete information on these diseases, their history, causative agents, significance and population impact. Focusing on more than just treatment, special emphasis is given to disease processes, recognition and epidemiology.

Critical Needs for Research in Veterinary Science

New emerging diseases, new diagnostic modalities for resource-poor settings, new vaccine schedules all significant, recent developments in the fast-changing field of tropical medicine. Hunter's Tropical Medicine and Emerging Infectious Diseases, 10th Edition, keeps you up to date with everything from infectious diseases and environmental issues through poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies that result from traveling to tropical or subtropical regions. This comprehensive resource provides authoritative clinical guidance, useful statistics, and chapters covering organs, skills, and services, as well as traditional pathogen-based content. You'll get a full understanding of how to recognize and treat these unique health issues, no matter how widespread or difficult to control. Includes important updates on malaria, leishmaniasis, tuberculosis and HIV, as well as coverage of Ebola, Zika virus, Chikungunya, and other emerging pathogens. Provides new vaccine schedules and information on implementation. Features five all-new chapters: Neglected Tropical Diseases: Public Health Control Programs and Mass Drug Administration; Health System and Health Care Delivery; Zika; Medical Entomology; and Vector Control – as well as 250 new images throughout. Presents the common characteristics and methods of transmission for each tropical disease, as well as the applicable diagnosis, treatment, control, and disease prevention techniques. Contains skills-based chapters such as dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and service-based chapters such as transfusion in resource-poor settings,

microbiology, and imaging. Discusses maladies such as delusional parasitosis that are often seen in returning travelers, including those making international adoptions, transplant patients, medical tourists, and more.

Noninfectious Diseases and Pathology of Reptiles

Committee on Infectious Diseases of Mice and Rats, National Research Council This companion to Infectious Diseases of Mice and Rats makes practical information on rodent diseases readily accessible to researchers. This volume parallels the three parts of the main volume. Part I, Principles of Rodent Disease Prevention, briefly examines the requirements for maintaining pathogen-free rodents, factors in designing health surveillance programs, and other laboratory management issues. Part II, Disease Agents, is an easy-to-use reference section, listing diagnosis and control methods, the potential for interference with research, and other factors for disease agents ranging from adenoviruses to tapeworms. It covers bacteria, viruses, fungi and common ectoparasites, and endoparasites. Part III, Diagnostic Indexes, presents alphabetical listings of clinical signs, pathology, and research complications and lists infectious agents that might be responsible for each.

CRC Handbook of Marine Mammal Medicine

Genetics and Evolution of Infectious Diseases, Second Edition, discusses the constantly evolving field of infectious diseases and their continued impact on the health of populations, especially in resource-limited areas of the world. Students in public health, biomedical professionals, clinicians, public health practitioners, and decisions-makers will find valuable information in this book that is relevant to the control and prevention of neglected and emerging worldwide diseases that are a major cause of global morbidity, disability, and mortality. Although substantial gains have been made in public health interventions for the treatment, prevention, and control of infectious diseases during the last century, in recent decades the world has witnessed a worldwide human immunodeficiency virus (HIV) pandemic, increasing antimicrobial resistance, and the emergence of many new bacterial, fungal, parasitic, and viral pathogens. The economic, social, and political burden of infectious diseases is most evident in developing countries which must confront the dual burden of death and disability due to infectious and chronic illnesses. Takes an integrated approach to infectious diseases Includes contributions from leading authorities Provides the latest developments in the field of infectious disease

Diseases of Amphibians and Reptiles

Fish Diseases

Gorilla Pathology and Health

The interrelationship between wild animal, domestic animals and human health is appreciated now more than ever before. This is because of the recognition of the

involvement of wild animals in diseases of humans and domestic animals, the impact of disease on wildlife management and conservation biology, recognition of new forms of environmental contamination, and academic interest in disease as an ecological factor. This is the first introductory level book about disease in wild animals that deals with basic subjects such as the nature of disease, what causes disease, how disease is described and measured, how diseases spread and persist and the effects of disease on individual animals and populations. In contrast to authors of many other veterinary books, Gary A. Wobeser takes a more general approach to health in wild animals, recognizing that disease is one ecological factor among many and that disease can never be considered satisfactorily in isolation. Rather than focus on individual causative agents and their effect on the individual animal, the emphasis is on why disease occurred, and on the complex interactions that occur among disease agents, the environment and host populations. Written by a leading researcher in wildlife diseases, this book will fill a knowledge gap for those called to work with disease in wild animals who lack experience or training in the general features of disease as they relate to wild animals. Veterinarians, ecologists, wildlife biologists, population biologists and public health workers will find this book invaluable.

Management of Disease in Wild Mammals

Use of Lead Shot for Hunting Migratory Birds in the United States

This book provides an introduction to disease problems - other than those of an infectious or parasitic nature - that afflict free-ranging and captive wildlife. Noninfectious diseases include the effects of toxic substances, physiological conditions and trauma on wildlife. It covers a wide range of dangers to wildlife including lead poisoning and the effects of environmental oestrogenic compounds, oil pollution, mercury poisoning, mycotoxins, geophagy, organochlorine pesticides, selenium, and cyanide. This is of value to all who have an interest in the health and disease status of wildlife populations: Veterinarians in training, practice and research. Wildlife Managers, Wildlife Biologists, Zoo and Public Health Specialists, Environmental Conservationists.

Foundations of Wildlife Diseases

Human Diseases from Wildlife presents information on the most prevalent and serious zoonotic diseases in the US and Canada, some of which have been national headline news like anthrax, influenza, and West Nile virus. Diseases that are caused by pathogens with the ability to infect both humans and animals are known as zoonotic diseases, which literally means "disease from animals." The issue of human-wildlife disease interactions is a growing concern as humans continue to interface with wildlife. People who handle wildlife including field workers, wildlife professionals, trappers, and hunters want to know about potential diseases, risks, and how to protect themselves from disease. This book was written because many people are uninformed about zoonotic diseases. This lack of information causes some people to have a heightened fear of zoonotic diseases, preventing them from

enjoying wildlife or spending time outdoors. Other people needlessly expose themselves to disease by neglecting simple precautions. This book includes information on bacterial, spirochetal, rickettsial, and viral diseases as well as macroparasites and emerging zoonotic diseases. More than two dozen diseases are covered including rabies, tularemia, baylisascariasis, salmonellosis, leprosy, Lyme disease, Rocky Mountain spotted fever, and swimmer's itch. Each chapter contains the history of the disease, symptoms in humans, medical treatment, transmission of pathogens to humans, the role of wildlife as vectors, and methods to minimize risk. The diseases people can contract from wild animals can be both threatening and fascinating, and the book includes interesting information to make it more enjoyable to read.

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)