

Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

This book is intended as an introductory text for students studying a wide range of courses concerned with animal management, zoo biology and wildlife conservation, and should also be useful to zookeepers and other zoo professionals. It is divided into three parts. Part 1 considers the function of zoos, their history, how zoos are managed, ethics, zoo legislation and wildlife conservation law. Part 2 discusses the design of zoos and zoo exhibits, animal nutrition, reproduction, animal behaviour (including enrichment and training), animal welfare, veterinary care, animal handling and transportation. Finally, Part 3 discusses captive breeding programmes, genetics, population biology, record keeping, and the educational role of zoos, including a consideration of visitor behaviour. It concludes with a discussion of the role of zoos in the conservation of species in the wild and in species reintroductions. This book takes an international perspective and includes a wide range of examples of the operation of zoos and breeding programmes particularly in the UK, Europe, North America and Australasia. Visit

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

www.wiley.com/go/rees/zoo to access the artwork from the book.

From national bestselling author Nick McDonell, *The Council of Animals* is a captivating fable for humans of all ages—dreamers and cynics alike—who believe (if nothing else) in the power of timeless storytelling. “‘Now,’ continued the cat, ‘there is nothing more difficult than changing an animal’s mind. But I will say, in case I can change yours: humans are more useful to us outside our bellies than in.’” Perhaps. After *The Calamity*, the animals thought the humans had managed to do themselves in. But, it turns out, a few are cowering in makeshift villages. So the animals—among them a cat, a dog, a crow, a baboon, a horse, and a bear—have convened to debate whether to help the last human stragglers . . . or to eat them. Rest assured, there is a happy ending. Sort of. Featuring illustrations by Steven Tabbutt

A respected resource for decades, the *Guide for the Care and Use of Laboratory Animals* has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The *Guide* incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The *Guide* sets the

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates. A first-of-its-kind resource, *Raptors in Captivity* is designed as a reader-friendly reference tool covering a wide range of topics from choosing a suitable species, to housing and transportation, diet, medical care, equipment, training. *Raptors in Captivity* is the recommended US Fish & Wildlife Service 'bible' for the care and keeping of raptors in captivity -- an incredible endorsement! If you're a zoo, rehab center or a falconer, here are the guidelines for safely caring for raptors -- and complying with permits. Covers a range of topics from making the decision to keep raptors and choosing suitable species, to housing and transportation, diet, medical care, equipment, training, and recovering a lost bird.

Investigation and Management of Disease in Wild Animals

Wild Animals in Captivity

The Council of Animals

Global Exposition of Wildlife Management

Zoos in the 21st Century

Personalities on the Plate

Zoo Animal Welfare

This volume contains the proceedings of the conference of the same name held in July 2006 at the University of Chester in the United Kingdom. It includes all the latest research on chemical

communication relevant to vertebrates, particularly focusing on new research since the last meeting in 2003. Topics covered include the chemical ecology, biochemistry, behavior, olfactory receptors, and the neurobiology of both the main olfactory and vomeronasal systems of vertebrates.

This book takes a unique stance on a controversial topic: zoos. Zoos have their ardent supporters and their vocal detractors. And while we all have opinions on what zoos do, few people consider how they do it. Irus Braverman draws on more than seventy interviews conducted with zoo managers and administrators, as well as animal activists, to offer a glimpse into the otherwise unknown complexities of zooland. Zooland begins and ends with the story of Timmy, the oldest male gorilla in North America, to illustrate the dramatic transformations of zoos since the 1970s. Over these decades, modern zoos have transformed themselves from places created largely for entertainment to globally connected institutions that emphasize care through conservation and education. Zoos naturalize their spaces, classify their animals, and produce spectacular experiences for their human visitors. Zoos name, register, track, and allocate their animals in global databases. Zoos both abide by and create laws and industry standards that govern their captive animals. Finally, zoos intensely govern the reproduction of captive animals, carefully calculating the life and death of these animals, deciding which of them will be sustained and which will expire.

Zooland takes readers behind the exhibits into the world of zoo animals and their caretakers. And in so doing, it turns its gaze back on us to make surprising interconnections between our understandings of the human and the nonhuman. Environmental Enrichment is an essential and effective way to improve the welfare of captive animals. The book presents general principles and scientific knowledge on environmental enrichment and case studies on enrichment practices in zoo felids. This is a practical yet scientific book that will help to create and evaluate successful enrichment programmes for captive animals considering their natural history. The book is a helpful reference tool for those who work with or study animals in captivity.

The seminal reference on the care of laboratory and captive animals, The UFAW Handbook on the Care and Management of Laboratory and Other Research Animals is a must-have for anyone working in this field. The UFAW Handbook has been the definitive text since 1947. Written for an international audience, it contains contributions from experts from around the world. The book focuses on best practice principles throughout, providing comprehensive coverage, with all chapters being peer reviewed by anonymous referees. As well as addressing the husbandry of laboratory animals, the content is also of great value to zoos and aquaria. Changes for the eighth edition: Revised and updated to reflect developments since publication of the previous

edition. New chapters on areas of growing concern, including: the 3Rs; phenotyping; statistics and experimental design; welfare assessment; legislation; training of people caring for lab animals; and euthanasia. All material combined into one volume for ease of reference. This book is published on behalf of UFAW (The Universities Federation for Animal Welfare), with whom we also publish the UFAW/Wiley-Blackwell Animal Welfare Book Series. This major series of books provides an authoritative source of information on worldwide developments, current thinking and best practice in the field of animal welfare science and technology. For details of all of the titles in the series see <http://www.wiley.com/go/ufaw>.

Chemical Signals in Vertebrates 11

**The North American Model of Wildlife Conservation
Zooland**

**A Discipline-Based Teaching and Learning Center
Mammal Teeth**

Catalysts for Conservation?

Pathology of Wildlife and Zoo Animals

Wildlife forensics is the application of forensic science to the conservation and protection of non-domesticated animals, both in the wild and in captivity. Providing an in-depth introduction to this rapidly evolving field, Wildlife Forensic Investigation: Principles and Practice also chronicles aspects of the history of management, conservation, and environmental protection, with an emphasis on their global importance in the twenty-first century. The

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

book examines the crucial role of wildlife forensic investigation with regard to live animals, dead animals and samples and covers national, regional, and international legislation. While the text particularly focuses on forensic science as it relates to wild animals, it also includes mention of plants and habitats because of their relevance to conservation. The book discusses animal welfare as well as the damage that can be inflicted on humans and property by wildlife. Offering access to sound evidence based on good science and obtained using the best available practices, the book is enhanced by case studies from experts who describe some of their own work. This resource is essential for those involved in a range of endeavours, including investigating wildlife crime, identifying animal remains, ascertaining the circumstances of death of wild species, and other legal proceedings and activities concerning wildlife. The forensic skills described in this book can be applied to a wide range of activities (not necessarily involving the legal process), including environmental impact assessments, insurance claims, governmental and other enquiries, checking of trading standards and the inspection of (for instance) pet-shops, animal boarding establishments, and zoological collections. The authors point out that one of the most important requirements of those persons involved in wildlife forensic work is to retain an open mind. Such personnel should also be conscious of new developments and evolving techniques and be able to anticipate situations where their investigative and scientific skills might be used to advantage—so-called "horizon scanning". Examples of these are given. In the face of ever-declining biodiversity, zoos have a

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

major role to play in species conservation. Written by professionals involved in in situ conservation and restoration projects internationally, this is a critical assessment of the contribution of zoos to species conservation through evidence amassed from a wide range of sources. The first part outlines the biodiversity context within which zoos should operate, introducing the origins and global spread of zoos and exploring animal collection composition. The second part focuses on the basic elements of keeping viable captive animal populations. It considers the consequences of captivity on animals, the genetics of captive populations and the performance of zoos in captive breeding. The final part examines ways in which zoos can make a significant difference to conservation now and in the future. Bridging the gap between pure science and applied conservation, this is an ideal resource for both conservation biologists and zoo professionals.

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.

*Ethics on the Ark presents a passionate, multivocal discussion—among zoo professionals, activists, conservation biologists, and philosophers—about the future of zoos and aquariums, the treatment of animals in captivity, and the question of whether the individual, the species, or the ecosystem is the most important focus in conservation efforts. Contributors represent all sides of the issues. Moving from the fundamental to the practical, from biodiversity to population regulation, from animal research to captive breeding, *Ethics on the Ark* represents an*

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

important gathering of the many fervent and contentious viewpoints shaping the wildlife conservation debate.

Ethics on the Ark

Zoos, Animal Welfare, and Wildlife Conservation

Eighth Edition

Basic Principles and Implications for Animal Welfare

Zoo Animal Learning and Training

Marine Mammal Welfare

Zoo Ethics

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.

Modern zoos and aquaria are playing an increasingly active and important role in protecting and managing global biodiversity. Many zoos include wildlife conservation in their

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

mission and have started changing the focus of their institutions in order to increase even further the benefits of their activities for in situ wildlife conservation. With these developments, the following searching questions are now being asked: What is the true role of zoos in conservation? How can they contribute more significantly to global conservation efforts? What are the unique attributes of zoos that can be applied in the conservation landscape? And should zoos be doing more? In parallel with this voluntary movement, legal requirements for zoos to support conservation in the wild are also becoming more stringent. This 2007 book defines a conservation vision for zoos and aquaria that will be of interest to those working in zoos, alongside practitioners and researchers in conservation.

Zoo Animal Welfare thoroughly reviews the scientific literature on the welfare of zoo and aquarium animals. Maple and Perdue draw from the senior author's 24 years of experience as a zoo executive and international leader in the field of zoo biology. The authors' academic training in the interdisciplinary field of psychobiology provides a unique perspective for evaluating the ethics, practices, and standards of modern zoos and aquariums. The book offers a blueprint for the implementation of welfare measures and an objective rationale for their widespread use. Recognizing the great potential of zoos, the authors have written an inspirational book to guide the strategic vision of superior, welfare-oriented institutions. The authors speak directly to caretakers working on the front lines of zoo management, and to the decision-makers responsible for elevating the priority of animal welfare in their respective zoo. In great detail, Maple and Perdue demonstrate how zoos and aquariums can be designed to

Download Ebook Wild Mammals In Captivity Principles And Techniques For Zoo Management Second Edition

achieve optimal standards of welfare and wellness.

Taking the reader deep inside of the circus, the zoo, and similar operations, Fear of the Animal Planet provides a window into animal behavior: chimpanzees escape, elephants attack, orcas demand more food, and tigers refuse to perform. Indeed, these animals are rebelling with intent and purpose. They become true heroes and our understanding of them will never be the same.

Behaviour, Management, and Welfare

Raptors in Captivity

An Introduction to the Science and Technology

Their Role in Conservation and Research

The UFAW Handbook on the Care and Management of
Laboratory and Other Research Animals

Second Nature

A Prospective of Captive Felid Management

Well-run modern zoos and aquariums do

important research and conservation work and teach visitors about the challenges of animals in the wild and the people striving to save them.

They help visitors to consider their impact and think about how they can make a difference. Yet for many there is a sense of disquiet and a lingering question remains – can modern zoos be ethically justified? Zoo Ethics examines the workings of modern zoos and considers the core ethical challenges that face those who choose to hold and display animals in zoos, aquariums or sanctuaries. Using recognised ethical frameworks and case studies of ‘wicked

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

problems', this book explores the value of animal life and the impacts of modern zoos, including the costs to animals in terms of welfare and the loss of liberty. It also considers the positive welfare and health outcomes of many animals held in zoos, the increased attention and protection for their species in the wild, and the enjoyment and education of the people who visit zoos. A thoughtfully researched work written in a highly readable style, Zoo Ethics will empower students of animal ethics and veterinary sciences, zoo and aquarium professionals and interested zoo visitors to have an informed view of the challenges of compassionate conservation and to develop their own defensible, ethical position.

Wild Mammals in Captivity Principles and Techniques for Zoo Management, Second Edition University of Chicago Press

Animal Behavior, Second Edition, covers the broad sweep of animal behavior from its neurological underpinnings to the importance of behavior in conservation. The authors, Michael Breed and Janice Moore, bring almost 60 years of combined experience as university professors to this textbook, much of that teaching animal behavior. An entire chapter is devoted to the vibrant new field of behavior and conservation, including topics such as social behavior and the

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

relationship between parasites, pathogens, and behavior. Thoughtful coverage has also been given to foraging behavior, mating and parenting behavior, anti-predator behavior, and learning. This text addresses the physiological foundations of behavior in a way that is both accessible and inviting, with each chapter beginning with learning objectives and ending with thought-provoking questions. Additionally, special terms and definitions are highlighted throughout. Animal Behavior provides a rich resource for students (and professors) from a wide range of life science disciplines. Provides a rich resource for students and professors from a wide range of life science disciplines Updated and revised chapters, with at least 50% new case studies and the addition of contemporary in-text examples Expanded and updated coverage of animal welfare topics Includes behavior and homeostatic mechanisms, behavior and conservation, and behavioral aspects of disease Available lab manual with fully developed and tested laboratory exercises Companion website includes newly developed slide sets/templates (PowerPoints) coordinated with the book Zoos, aquaria, and wildlife parks are vital centers of animal conservation and management. For nearly fifteen years, these institutions have relied on Wild Mammals in Captivity as the essential

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

reference for their work. Now the book reemerges in a completely updated second edition. Wild Mammals in Captivity presents the most current thinking and practice in the care and management of wild mammals in zoos and other institutions. In one comprehensive volume, the editors have gathered the most current information from studies of animal behavior; advances in captive breeding; research in physiology, genetics, and nutrition; and new thinking in animal management and welfare. In this edition, more than three-quarters of the text is new, and information from more than seventy-five contributors is thoroughly updated. The standard text for all courses in zoo biology, Wild Mammals in Captivity will, in its new incarnation, continue to be used by zoo managers, animal caretakers, researchers, and anyone with an interest in how to manage animals in captive conditions.

The Biology of Animal Stress

A Model for Professional Development

Handbook on Wild and Zoo Animals

The Hidden History of Animal Resistance

Clinical Radiology of Exotic Companion

Mammals

A Novel

Wildlife Forensic Investigation

The subjects of stress and animal welfare are currently

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

attracting immense interest. This book brings together a range of perspectives from biomedical research (including human health and animal models of human stress) on stress and welfare, and assesses new approaches to conceptualising and alleviating stress. Growing recognition of the complexity of animals' physical, social, and psychological lives in the wild has led both zookeepers and the zoo-going public to call for higher environmental standards for animals in captivity. Bringing together the work of animal behaviorists, zoo biologists, and psychologists, *Second Nature* explores a range of innovative strategies for environmental enrichment in laboratories and marine parks, as well as in zoos. From artificial fleeing-prey devices for leopards to irregular feeding schedules for whales, the practices discussed have resulted in healthier, more relaxed animals that can breed more easily and can exert some control over their environments. Moving beyond the usual studies of primates to consider the requirements of animals as diverse as reptiles, amphibians, marine mammals, small cats, hooved grazers, and bears, contributors argue that whether an animal forages in the wild or plays computer games in captivity, the satisfaction its activity provides—rather than the activity itself—determines the animal's level of physical and psychological well-being. *Second Nature* also discusses the ways in which environmental enrichment can help zoo-bred animals develop the stamina and adaptability for survival in the wild, and how it can produce healthier lab animals that yield more valid test results. Providing a theoretical framework for the science of environmental

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

enrichment in a variety of settings, the book renews and extends a humane approach to the keeping and conservation of animals.

Rothfels provides both fascinating reading and much-needed historical perspective on the nature of our relationship with the animal kingdom.

Organ, James Peek, William Porter, John Sandlos, James A. Schaefer

Wild Mammals in Captivity

Snow Monkeys

The Essentials

Environmental Enrichment for Captive Animals

Animal Behavior

An Introduction to Zoo Biology and Management

Fear of the Animal Planet

This book describes the design and implementation of a discipline-specific model of professional development: the disciplinary Teaching and Learning Center (TLC). TLC was born from a strong commitment to improving undergraduate science education through supporting the front-line educators who play an essential role in this mission. The TLC's comprehensive approach encompasses consultation, seminars and workshops, acculturation activities for new faculty members, and teaching preparatory courses as well as a certificate program for graduate students. At the University of Maryland, TLC serves biology and chemistry faculty members, postdoctoral associates, and graduate students. The Center is deeply integrated into the departmental culture, and its emphasis on pedagogical content knowledge makes its activities highly relevant to the community that it serves.

The book reflects ten years of intensive work on the design and implementation of the model. Beginning with a needs assessment and continuing with ongoing evaluation, the book presents a wealth of information about how to design and implement effective professional development. In addition, it discusses the theory underlying each of the program components and provides an implementation guide for adopting or adapting the TLC model and its constituent activities at other institutions. In this book, the authors describe how they created the highly successful discipline-based Teaching and Learning Center at the University of Maryland. This is a must read for anyone interested in improving higher education. Charles Henderson, Co-Director, Center for Research on Instructional Change in Postsecondary Education, Western Michigan University This book will provide a much-needed resource for helping campus leaders and faculty development professionals create robust programs that meet the needs of science faculty. Susan Elrod, Dean, College of Science and Mathematics, Fresno State The authors provide a road map and guidance for higher education professional development in the natural science for educators at all levels. While the examples are from the sciences, the approaches are readily adaptable to all disciplines. Spencer A. Benson, Director of the Centre for Teaching and Learning Enhancement, University of Macau

**- A hypothesis is a proposition, set forth as an explanation for the occurrence of a phenomenon, that can be tested. -
The basis for scientific investigation is the collection of information to formulate and test hypotheses. -**

Experimental methods measure the effect of manipulations caused by the investigator; observational methods collect information about naturally occurring events. - There are three sub-types of experimental techniques that differ in the way subjects are chosen for inclusion in the study, in the amount of control that the investigator has over variables, and in the method used to assess changes in other variables. - Descriptive observational studies dominate the early phase of most investigations and involve the description of disease-related events in the population. Associations among factors may be observed but the strength of the associations is not measured. - Analytical observational techniques are of three basic types: prevalence surveys, case:control studies, and incidence or cohort studies. All attempt to explain the nature of relationships among various factors and to measure the strength of associations. - Prevalence surveys and case:control studies deal with disease existing at the time of the study; incidence studies are concerned with the development of disease over time. - Observational studies may be retrospective, using existing data, or prospective with collection of new information.

Radiology is a routine diagnostic procedure in all fields of clinical veterinary practice, and exotic medicine is no exception. Besides an increasing interest and concurrent demand for a higher level of care of these species, very little is reported in the scientific literature about normal radiographic patterns, and radiographic abnormalities are generally limited to case reports. Clinical Radiology of Exotic Companion Mammals is designed to fill this gap. It

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

provides a practical resource for veterinarians wishing to add these special species to their clinical practice, and a ready reference for those already including those species among their caseload. Clearly labeled normal images will aid anyone interested in comparative radiographic anatomy, and the techniques section will help overcome difficulties related to the smaller size of many exotic companion mammals. Features of the book include: wide range of exotic mammal species beyond ferrets, rabbits, and rodents, including species such as marsupials, hedgehogs and potbellied pigs a review of the basic principles of radiology, equipment, radiologic techniques and patient positioning helpful for optimizing exotic companion mammal radiography an extensive review of both normal and pathologic radiographic patterns. Some of the latter are accompanied by clinical or surgical images to aid the practitioner in familiarization with a wide range of both common and uncommon lesions.

His book is a must-read for paleontologists, mammalogists, and anthropologists.

**Color Atlas of Small Animal Anatomy
Zookeeping**

The Psychological Well-Being of Nonhuman Primates

The Birth of the Modern Zoo

The Institution of Captivity

Guidelines for Care and Management

Principles and Techniques for Zoo Management, Second Edition

The book, Global Exposition of Wildlife Management, covers five research topics connected to wildlife management. From conservation and domestication

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

of species from the wild, the socioeconomic importance of wildlife to Tuberculosis within wildlife species as an emerging health threat for both wildlife and humans. Topics presented also discuss bush-meat utilization and its impact on biodiversity conservation, community forestry management and its role in biodiversity conservation, food and feeding ecology, urban forestry, and integrated island management for ecologically sensitive areas. This book also presents wildlife conservation research using a public aquarium as a case study. Each chapter gives special reference to the prevailing problems in wildlife conservation and hopes to provide possible solutions.

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

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

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

A 1985 amendment to the Animal Welfare Act requires those who keep nonhuman primates to develop and follow appropriate plans for promoting the animals' psychological well-being. The amendment, however, provides few specifics. The Psychological Well-Being of Nonhuman Primates recommends practical approaches to meeting those requirements. It focuses on what is known about the psychological needs of primates and makes suggestions for assessing and promoting their well-being. This volume examines the elements of an effective care program--social companionship, opportunities for species-typical activity, housing and sanitation, and daily care routines--and provides a helpful checklist for designing a plan for promoting psychological well-being. The book provides a wealth of specific and useful information about the

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

psychological attributes and needs of the most widely used and exhibited nonhuman primates. Readable and well-organized, it will be welcomed by animal care and use committees, facilities administrators, enforcement inspectors, animal advocates, researchers, veterinarians, and caretakers.

Comprehensively explains animal learning theories and current best practices in animal training within zoos This accessible, up-to-date book on animal training in a zoo/aquaria context provides a unified approach to zoo animal learning, bringing together the art and science of animal training. Written by experts in academia and working zoos, it incorporates the latest information from the scientific community along with current best practice, demystifying the complexities of training zoo animals. In doing so, it teaches readers how to effectively train animals and to fully understand the consequences of their actions. Zoo Animal Learning and Training starts with an overview of animal learning theory. It describes the main categories of animal learning styles; considers the diverse natural history of zoo animals; reviews the research undertaken which demonstrates ultimate benefits of learning; and highlights the advantages and disadvantages of the different approaches. It also shows how the direct application of learning theory can be integrated into zoo animal management; discusses how other factors might affect development; and investigates situations and activities from which animals learn. It also explores the theoretical basis that determines whether enrichments are successful. Provides an easily accessibly, jargon-free introduction to the subject

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

Explores different training styles, providing theoretical background to animal learning theory as well as considerations for practical training programme - including how to set them up, manage people and animals within them and their consequences Includes effective skills and 'rules of thumb' from professional animal trainers Offers commentary on the ethical and welfare implications of training in zoos Features contributions from global experts in academia and the zoo profession Uniquely features both academic and professional perspectives Zoo Animal Learning and Training is an important book for students, academics and professionals. Suited to senior undergraduate students in zoo biology, veterinary science, and psychology, and for post-graduate students in animal management, behaviour and conservation, as well as zoo biology. It is also beneficial to those working professionally in zoos and aquaria at different levels.

Savages and Beasts

A Treatise for Students of Veterinary, Zoology, Forestry and Environmental Science

Principles and Practice

Scientific Foundations of Zoos and Aquariums

Zoo Conservation Biology

The Lives and Minds of Animals We Eat

Marine mammals attract human interest - sometimes this interest is benign or positive - whale watching, conservation programmes for whales, seals, otters, and efforts to clear beaches of marine debris are seen as proactive steps to support these animals. However, there are many

Download Ebook Wild Mammals In Captivity
Principles And Techniques For Zoo Management
Second Edition

forces operating to affect adversely the lives of whales, seals, manatees, otters and polar bears – and this book explores how the welfare of marine mammals has been affected and how they have adapted, moved, responded and sometimes suffered as a result of the changing marine and human world around them. Marine mammal welfare addresses the welfare effects of marine debris, of human traffic in the oceans, of noise, of hunting, of whale watching and tourism, and of some of the less obvious impacts on marine mammals – on their social structures, on their behaviours and migration, and also of the effects on captivity for animals kept in zoos and aquaria. There is much to think and talk about – how marine mammals respond in a world dramatically influenced by man, how are their social structures affected and how is their welfare impacted? This new resource provides a basic foundation in small animal anatomy for students of veterinary medicine, animal science, and veterinary technology. Extraordinary accuracy and beautiful original artwork make this a truly unique learning tool that includes the anatomy of all organ systems in the dog, cat, rabbit, rat, and guinea pig – all described in a consistent manner. Learning features include: carefully selected labeling helps students learn and remember structures and relationships; male and female of species are

depicted on facing pages so topographic anatomy can be compared; structures common to various animals are labeled several times, whereas unique structures are labeled on one or two species so students can make rapid distinctions of the structures peculiar to certain animals; and an introduction that provides readers with a background in nomenclature and anatomic orientation so they can benefit from the atlas even if they lack training in anatomy. The Atlas depicts topographic relationships of major organs in a simple, yet technically accurate presentation that's free from extraneous material so that those using the atlas can concentrate on the essential aspects of anatomy. It will be an invaluable resource for veterinary students, teachers and practitioners alike.

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.

Japan's sole monkey - the Japanese macaque - lives in subtropical lowlands and in subalpine regions. The monkeys live in the Japanese Alps where snow blankets the ground for most of the winter, and are affectionately called Snow Monkeys. Heather Angel unravels how these monkeys live in troops, showing them through their seasons.

Zoo Animals

Human Induced Change in the Marine
Environment and its Impacts on Marine Mammal
Welfare

Origin, Evolution, and Diversity

The Challenges of Compassionate Conservation
Guide for the Care and Use of Laboratory Animals
Environmental Enrichment

Environmental enrichment is a simple and effective means of improving animal welfare in any species – companion, farm, laboratory and zoo. For many years, it has been a popular area of research, and has attracted the attention and concerns of animalkeepers and carers, animal industry professionals, academics, students and pet owners all over the world. This book is the first to integrate scientific knowledge and principles to show how environmental enrichment can be used on different types of animal. Filling a major gap, it considers the history of animal keeping, legal issues and ethics, right through to a detailed exploration of whether environmental enrichment actually works, the methods involved, and how to design and manage programmes. The first book in a major new animal welfare series Draws together a large amount of research on different animals Provides detailed examples and case studies An invaluable reference tool for all those who work with or study animals in captivity This book is part of the UFAW/Wiley-Blackwell Animal Welfare Book Series. This major series of books produced in collaboration between UFAW (The Universities Federation for Animal Welfare), and Wiley-Blackwell provides an authoritative source of information on worldwide developments, current thinking and best practice in the field of animal welfare science and technology. For details of all of the titles in the series see <http://www.wiley.com/go/ufaw> <http://www.wiley.com/go/ufaw/a/>

Wild Animals in Captivity covers some of the mistaken notions concerning the conditions of animals in captivity, most of which are the result of an anthropomorphic approach to the subject. This book is composed of 12 chapters and starts with an overview of the historical development of zoological gardens. The succeeding chapters deal with the territorial requirements and sociological factors in the wild life. These topics are followed by discussions of the wild animal's transition behavior from freedom to captivity; the physiological and psychological aspects of animal captivity; and the motive and situation of animal escapes. Other chapters emphasize the physical and biological environment of animals in captivity. The final chapters examine the problems related to feeding patterns, and nutrition of captive animals. These chapters also explore the relationship between human and animal, their capacity to be tamed and trained. This book will prove useful to zoologists. Human attitudes towards other species are inevitably complex. We love the dog and eat the pig, or, we love the bison and eat the bison. Who exactly are these fellow creatures? The newest science from anthropology, psychology, and zoology can help us figure out some answers to that question by showing us how the animals we eat-- for some the octopus or the chimpanzee, for many others the chicken and the goat think, feel, and act as distinct individual beings. Who are we eating? In this insightful exploration of the animals that humans

consume, Barbara King does not tell us what or whom we should be eating, but rather she invites us to a smorgasbord of thought and reflection on the sentience and behaviors of the consumed. By getting to know these animals better, we can begin to taste the different ways they experience the world with awareness and intention, and it brings greater connection between us and those animals than we encounter in shrink-wrapped grocery-store products. This book shows us how valuable it is to understand who we eat, no matter how varied that consumption is. From octopi to crickets to chimpanzees, the animals we consume deserve a better appreciation from all who encounter them in a culinary experience, and there is no host of this scientific and behavioral feast than Barbara King. "