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KEY=MAMMALS - RHODES COHEN

Handbook of the Mammals of the World

Primates

Lynx Edicions

Handbook of the Mammals of the World

Primates

Handbook of the Mammals of the World

Marsupials

Primates of the World

An Illustrated Guide

Princeton University Press Discusses primate evolution, behavior, and classification, and provides detailed information and illustrations, arranged geographically, on every family and nearly three hundred species.

Handbook of the Mammals of the World: Hoofed mammals

Hoofed Mammals

All the Birds of the World

An Introduction to Primate Conservation

Oxford University Press The number of primates on the brink of extinction continues to grow, and the need to respond with effective conservation measures has never been greater. This book provides a comprehensive and state-of-the-art synthesis of research principles and applied management practices for primate conservation. It begins with a consideration of the biological, intellectual, economic, and ecological importance of primates and a summary of the threats that they face, before going on to consider these threats in more detail with chapters on habitat change, trade, hunting, infectious diseases, and climate change. Potential solutions in the form of management practice are examined in detail, including chapters on conservation genetics, protected areas, and translocation. An Introduction to Primate Conservation brings together an international team of specialists with wide-ranging expertise across primate taxa. This is an essential textbook for advanced undergraduates, graduate students, and established researchers in the fields of primate ecology and conservation biology. It will also be a valuable reference for conservation practitioners, land managers, and professional primatologists worldwide.

Marine Mammals of the World: A Comprehensive Guide to Their Identification

Elsevier With coverage on all the marine mammals of the world, authors Jefferson, Webber, and Pitman have created a user-friendly guide to identify marine mammals alive in nature (at sea or on the beach), dead specimens "in hand", and also to identify marine mammals based on features of the skull. This handy guide provides marine biologists and interested lay people with detailed descriptions of diagnostic features, illustrations of external appearance, beautiful photographs, dichotomous keys, and more. Full color illustrations and vivid photographs of every living marine mammal species are incorporated, as well as comprehensible maps showing a range of information. For readers who desire further consultation, authors have included a list of literature references at the end of each species account. For an enhanced understanding of habitation, this guide also includes recognizable geographic forms described separately with colorful paintings and photographs. All of these essential tools provided make Marine Mammals of the World the most detailed and authoritative guide available! * Contains superb photographs of every species of marine mammal for accurate identification * Authors' collective experience adds up to 80 years, and have seen nearly all of the species and distinctive geographic forms described in the guide * Provides the most detailed and anatomically accurate illustrations currently available * Special emphasis is placed on the identification of species in "problem groups, such as the beaked whales, long-beaked oceanic dolphin, and southern fur seals * Includes a detailed list of sources for more information at the back of the book.

All Asian Primates

A Photographic Guide

All the Worlds Primates

This book shows you photographs or a drawing of every currently recognised taxon in the primate order with a synopsis of what is known about all 505 species. The information has been compiled by over 300 primatologists from around the world, who have done field research on their particular lemur, loris, galago, monkey, or ape in its natural habitat. The book illustrates these primates with over 1500 photographs and provides over 5000 references. You will be amazed by the diversity of the worlds primates, and it will inspire you to protect endangered primates and their habitats. Fifty percent of the

profits from the sale of this book will be donated to organisations working for the conservation of primates.

New World Monkeys

The Evolutionary Odyssey

Princeton University Press *"This book is a broad synthesis of new world monkey evolution, integrating their unique evolutionary story into the bigger picture of primate evolution and Amazon biodiversity. Capsule For more than 30 million years, New World monkeys have inhabited the forests of South and Central America. Whether these primates originally came from Africa by rafting across the Atlantic or crossing overland from North America, they soon flourished. This book tells the story of these New World monkeys. Integrating data from fossil and living animals, it explores the evolution of the three major New World monkey lineages as well as how they fit into the broader story of primate evolution and Amazon biodiversity. After providing readers with necessary background in primate taxonomy and systematics, Rosenberger shows that the notion of adaptive zones is central to our understanding of primate evolution. The idea of adaptive zones can explain how radiations evolve, morphological adaptations appear, and communities form. From here, Rosenberger synthesizes what is known about New World monkeys' unique ecological adaptations, including those involving feeding and locomotion, as well as their social behaviour. The book's concluding chapters explore theories of how primates first arrived in South America and what their future looks like given the threat of extinction. Biography Internal Use Only Alfred L. Rosenberger is Professor Emeritus of Biological Anthropology at Brooklyn College. An expert on the origin and evolution of New World Monkeys, Rosenberger has contributed numerous articles in edited volumes and his work is published in journals such as Nature, Journal of Human Evolution and American Journal of Primatology . Audience The audience for this book is scholars and graduate students in biological/physical anthropolog and primatology, and to a lesser extent conservation biology, evolutionary biology, and behavioral ecology . Rationale - no copy text Other Relevant Info - no copy text"--*

Walker's Mammals of the World

JHU Press *Gives an historical account of the world's mammals since 3,000 B.C., and then provides detailed information about every mammal on earth, divided by genus.*

How Animals See the World

Comparative Behavior, Biology, and Evolution of Vision

Oxford University Press *The visual world of animals is highly diverse and often very different from that of humans. This book provides an extensive review of the latest behavioral and neurobiological research on animal vision, detailing fascinating species similarities and differences in visual processing.*

A Hand-book to the Primates

Mahale Chimpanzees

Cambridge University Press *A major contribution to great-ape research, covering every aspect of the Mahale Mountain Chimpanzee Project to offer new, unique insights.*

Primates of the World

The Amazing Diversity of Our Closest Relatives

Bloomsbury Academic This illustrated guide takes a close look at every branch of the primate family around the world, from tiny nocturnal mouse lemurs in Madagascar, to graceful langurs in India and majestic gorillas in Africa.

Monkeys of the Tai Forest

An African Primate Community

Cambridge University Press A great deal has been written about primates; however few volumes have focused on an entire community of sympatric monkeys at a single site. Drawing upon diverse sets of data, the authors provide a multi-thematic case study of the entire monkey community of the Tai forest (Ivory Coast). Much of the book explores how the seven monkey species have adapted to hunting pressures from chimpanzees, leopards, crowned eagles and humans. Other themes covered include feeding ecology, social behaviour, positional behaviour and habitat use, vocal communication and conservation. Colour photographs of all species are provided, showing the major behavioural characteristics of each, as little is known about these West African monkeys. This scientifically important volume will be of interest to a broad audience including primatologists, functional anatomists, psychologists, and behavioural ecologists.

Introduced Mammals of the World

Their History, Distribution and Influence

CSIRO PUBLISHING Winner in the Scholarly Reference section of the 2004 Australian Awards for Excellence in Educational Publishing. *Introduced Mammals of the World* provides a concise and extensive source of information on the range of introductions of mammals conducted by humans, and an indication as to which have resulted in adverse outcomes. It provides a very valuable tool by which scientists can assess future potential introductions (or re-introductions) to avoid costly mistakes. It also provides tangible proof of the need for political decision makers to consider good advice and make wise and cautious decisions. *Introduced Mammals of the World* also provides a comprehensive reference to students of ecological systems management and biological conservation. This book is a companion volume to *Introduced Birds of the World*, by the same author, published in 1981, and which remains the premier text of its kind in the world more than twenty years after it was published. *Introduced Mammals of the World* provides the most comprehensive account of the movement of mammals around the world providing details on the date(s) of introduction, the person/agency responsible, the source populations, the location(s) of release, the fate of the introductions, and the impact if known, for over 300 species of mammal.

Monkeys on the Edge

Ecology and Management of Long-Tailed Macaques and their Interface with Humans

Cambridge University Press Long-tailed macaques (*Macaca fascicularis*) have a wide geographical distribution and extensively overlap with human societies across southeast Asia, regularly utilizing the edges of secondary forest and inhabiting numerous anthropogenic environments, including temple grounds, cities and farmlands. Yet despite their apparent ubiquity across the region, there are striking gaps in our understanding of long-tailed macaque population ecology. This timely volume, a key resource for primatologists, anthropologists and conservationists, underlines the urgent need for comprehensive population studies on common macaques. Providing the first detailed look at research on this underexplored species, it unveils what is currently known about the population of *M. fascicularis*, explores the contexts and consequences of human-macaque sympatry and discusses the innovative programs being initiated to resolve human-macaque conflict across Asia. Spread throughout the book are boxed case studies that supplement the chapters and give a valuable insight into specific field studies on wild *M. fascicularis* populations.

Comparative Hearing: Mammals

[Springer Science & Business Media](#) *The Springer Handbook of Auditory Research presents a series of comprehensive and synthetic reviews of the fundamental topics in modern auditory research. The volumes are aimed at all individuals with interests in hearing research including advanced graduate students, postdoctoral researchers, and clinical investigators. The volumes are intended to introduce new investigators to important aspects of hearing science and to help established investigators to better understand the fundamental theories and data in fields of hearing that they may not normally follow closely. Each volume is intended to present a particular topic comprehensively, and each chapter will serve as a synthetic overview and guide to the literature. As such, the chapters present neither exhaustive data reviews nor original research that has not yet appeared in peer-reviewed journals. The volumes focus on topics that have developed a solid data and conceptual foundation rather than on those for which a literature is only beginning to develop. New research areas will be covered on a timely basis in the series as they begin to mature. Each volume in the series consists of five to eight substantial chapters on a particular topic. In some cases, the topics will be ones of traditional interest for which there is a substantial body of data and theory, such as auditory neuroanatomy (Vol. 1) and neurophysiology (Vol. 2). Other volumes in the series will deal with topics which have begun to mature more recently, such as development, plasticity, and computational models of neural processing.*

Phyllostomid Bats

A Unique Mammalian Radiation

"The Phyllostomidae family of bats is extremely ecologically diverse, displaying more morphological variation than any other mammal family. It also provides one of the most famed examples of adaptive radiation, an area of study that allows biologists to see the dramatic evidence of the power of natural selection and opportunism in the evolution of life on Earth. The bats are also a beloved subject of study by biologists—from mammalogists to evolutionary biologists to conservation biologists—for the role they play in the health of tropical ecosystems, especially as key pollinators. Phyllostomid bats are abundant, occupying systems from the southwestern United States to Argentina and throughout the West Indies. The family's diversity represents itself through two hundred species and manifests mainly in skull morphology and diet. They suck blood, eat small vertebrates, enjoy occasional fruits, and sip nectar here and there, too. They have a distinctive nose, reminiscent of a creature from a Hieronymus Bosch painting, thought to have evolved in various forms to reflect the preferred diet of different species. This collection presents in great detail what is currently known of the bats and divulges a trove of information about this incredible example of mammalian radiation"--

Mammals

An Explore Your World Handbook

[Discovery Channel Incorporated](#) *Focusing on mammals as a group, this richly illustrated book offers readers a detailed exploration of their habits and varieties, as well as covering the environments they inhabit. Original.*

Lagomorphs

Pikas, Rabbits, and Hares of the World

[JHU Press](#) *The definitive guide to all lagomorphs—pikas, rabbits, and hares. Numbering 92 species worldwide, members of the order Lagomorpha are familiar to people throughout the world, and yet their remarkable diversity and ecological importance are often underappreciated. In this book, Andrew T. Smith and his colleagues bring together the world's lagomorph experts to produce the most comprehensive reference on the order ever published, featuring detailed species accounts, stunning color photos, and up-to-date range maps. Contributors highlight the key ecological roles that lagomorphs play and explain in depth how scientists around the globe are working to save vulnerable populations. Thematic introductory chapters cover a broad spectrum of information about pikas,*

rabbits, and hares, from evolution and systematics to diseases and conservation. Each animal account begins with the complete scientific and common names for the species, followed by a detailed description of appearance and unique morphological characteristics, including a range of standard measurements of adult specimens. Subsequent sections discuss known paleontological data concerning the species, the current state of its taxonomy, and geographic variation. Each account also includes dedicated sections on habitat and diet, reproduction and development, ecology, behavior, and management. The definitive work on lagomorphs, this book is an invaluable reference for naturalists, professional biologists, and students. It will also be beneficial for those conducting biodiversity surveys and conservation throughout the world.

Primates in Peril

The World's 25 Most Endangered Primates 2016-2018

Every two years we produce this report of the World's 25 Most Endangered Primates compiled from primatologists attending the International Primatological Society Congress.

Handbook of Primate Husbandry and Welfare

John Wiley & Sons Handbook of Primate Husbandry and Welfare covers all aspects of primate care and management both in the laboratory environment and in zoos. From the welfare and ethics of primate captivity through to housing and husbandry systems, environmental enrichment, nutritional requirements, breeding issues, primate diseases, and additional information on transportation and quarantine proceedings, this book provides a completely comprehensive guide to good husbandry and management of primates. Designed to be a practical field manual, the authors present the material using lists, tables and illustrations to clarify best practice. Representative species are covered – from marmosets through to macaques One of the first books dedicated to the care of primates in captivity Written by authors with many years of experience working with primates Suitable for those working with primates in either laboratories or zoos

Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research

National Academies Press Expanding on the National Research Council's Guide for the Care and Use of Laboratory Animals, this book deals specifically with mammals in neuroscience and behavioral research laboratories. It offers flexible guidelines for the care of these animals, and guidance on adapting these guidelines to various situations without hindering the research process. Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research offers a more in-depth treatment of concerns specific to these disciplines than any previous guide on animal care and use. It treats on such important subjects as: The important role that the researcher and veterinarian play in developing animal protocols. Methods for assessing and ensuring an animal's well-being. General animal-care elements as they apply to neuroscience and behavioral research, and common animal welfare challenges this research can pose. The use of professional judgment and careful interpretation of regulations and guidelines to develop performance standards ensuring animal well-being and high-quality research. Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research treats the development and evaluation of animal-use protocols as a decision-making process, not just a decision. To this end, it presents the most current, in-depth information about the best practices for animal care and use, as they pertain to the intricacies of neuroscience and behavioral research.

Handbook of Mammalian Vocalization

An Integrative Neuroscience Approach

Academic Press Handbook of Mammalian Vocalization is designed as a broad and comprehensive, but well-balanced book, written from the neuroscience point of view in the broad sense of this term. This well-illustrated Handbook pays particular attention to systematically organized details but also to the explanatory style of the text and internal cohesiveness of the content, so the successive chapters gradually develop a consistent story without losing the inherent complexity. Studies from many species are included, however rodents dominate, as most of the brain investigations were done on these species. The leading idea of the Handbook is that vocalizations evolved as highly adaptive specific signals, which are selectively picked up by the brain. The brain serves as a receptor and behavioural amplifier. Brain systems will be described, which allow vocal signals rapidly changing the entire state of the organism and trigger vital biological responses, usually also with accompanying emission of

vocalizations. Integrative brain functions leading to vocal outcome will be described, along with the vocalization generators and motor output to larynx and other supportive motor subsystems. The last sections of the Handbook explains bioacoustic structure of vocalizations, present understanding of information coding, and origins of the complex semiotic/ semantic content of vocalizations in social mammals. The Handbook is a major source of information for professionals from many fields, with a neuroscience approach as a common denominator. The handbook provides consistent and unified understanding of all major aspects of vocalization in a monographic manner, and at the same time, gives an encyclopaedic overview of major topics associated with vocalization from molecular/ cellular level to behavior and cognitive processing. It is written in a strictly scientific way but clear enough to serve not only for specialized researchers in different fields of neuroscience but also for academic teachers of neuroscience, including behavioural neuroscience, affective neuroscience, clinical neuroscience, neuroethology, biopsychology, neurolingusitics, speech pathology, and other related fields, and also for research fellows, graduate and other advanced students, who widely need such a source publication. The first comprehensive handbook on what we know about vocalization in Mammalians Carefully edited, the handbook provides an integrated overview of the area International list of highly regarded contributors, including Jaak Pankseep (Washington State University), David McFarland (Oxford), John D. Newman (NIH ? Unit on Developmental Neuroethology), Gerd Poeggel (Leipzig), Shiba Keisuke (Chiba City, Japan), and others, tightly edited by a single, well regarded editor who has edited a special issue in Behavioral Brain Research on the topic before

History of Terrestrial Mammals in South America

How South American Mammalian Fauna Changed from the Mesozoic to Recent Times

Springer This book takes a non-technical approach in covering the evolution of South American mammalian fauna throughout geological history, and discusses how South America has changed due to mammalian invasions. Unlike other works on the subject, this book attempts to answer several crucial questions that often go unmentioned together in one cohesive monograph. What was the fauna like before the American interchange? What were the origins of the now-extinct groups when northern species arrived and out-competed them? How did the modern mammalian fauna come into being with such disparate animal groups? This information is given from a historical perspective throughout the book's 15 chapters, and is presented in an easily graspable fashion by mostly avoiding technical language. The book is written for academics, scientists and scholars engaged in paleontology, zoology and evolutionary biology, but may also appeal to a larger audience of general readers interested in mammalian evolution. The book begins with an introduction, describing the tools necessary to interpret the evolutionary history of South American mammals in geological terms and some of the early people who helped found South American mammalian paleontology. Chapter 2 describes the Mesozoic first mammals of Gondwana and what we are learning about them, dominant before the K/T extinction event. Then chapters 3 through 8 cover the Cenozoic, or "Age of Mammals", highlighting the major mammalian groups of South America that replaced the earlier mammals of Gondwana. These groups include the marsupials, native ungulates, the xenarthrans (armadillos, anteaters, sloths), the caviomorphs (rodents), and the platyrrhine monkeys. Chapters 9 and 10 address the Antarctic La Meseta fossils and the Colombian La Venta fossil faunal assemblages. Chapter 11 discusses the neotropical mammals that invaded the Caribbean Islands, and illustrates the influence South America has had on adjacent faunas. Chapter 12 describes the origin of the Amazon River and the role it has played in the evolution of the mammals and other flora and fauna. Chapter 13 tells the story of the Great American Biotic Interchange (GABI), and chapter 14 follows this up with a discussion of the Pleistocene mammal communities and their eventual extinction. Chapter 15 concludes the text by discussing the modern mammals of South America, and how despite the extensive Pleistocene extinctions there is still a lot of mammalian diversity in South America.

Mammals of the British Isles

Handbook

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

Animals

John Wiley & Sons 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> www.wiley.com/go/ufaw/a.

Marine Protected Areas for Whales, Dolphins, and Porpoises

A World Handbook for Cetacean Habitat Conservation

Earthscan 'Erich Hoyt's handbook is an admirable, timely and highly welcome contribution.' Michael Stachowitsch, *Marine Ecology* What does it mean to save the whales if their habitat is left unprotected? *Marine Protected Areas for Whales, Dolphins and Porpoises* is the definitive handbook on this pressing issue and the first to bridge the gap between the disciplines of marine protected areas and cetacean conservation. It launches a new chapter in cetacean conservation with its investigation into the crucial habitat needs and protection requirements of some 84 species. The author, one of the world's foremost experts in this field, takes you around the world to investigate the promising results of the latest conservation research and the strategies for obtaining marine protected areas in coastal waters and on the high seas, using national legislation and regional and international conventions. This is an essential introduction, guide and reference work for those working to ensure a future for whales and dolphins.

Guide for the Care and Use of Laboratory Animals

Eighth Edition

National Academies Press 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 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 scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

Mammals of India

Originally published as: A field guide to Indian mammals / Vivek Menon. Delhi, India: Dorling Kindersley, 2003.

The Handbook of the Primates

Among the Great Apes

Adventures on the Trail of Our Closest Relatives

Harper Collins "A fantastic book. . . . Anyone who cares about animals will benefit hugely from reading it." —Shaun Ellis, star of Animal Planet's "Living with the Wolfman" and author of The Man Who Lives with Wolves Award winning adventure journalist Paul Raffaele's Among the Great Apes is the first book in over a decade—and possibly the last ever—to take its readers into the lives of our charismatic cousins the great apes in their native habitats. Raffaele, a feature writer for Smithsonian magazine, has been called "nothing less than a one-of-a-kind world treasure" by renowned author Alvin Toffler.

The Secret Lives of Bats

My Adventures with the World's Most Misunderstood Mammals

Houghton Mifflin Harcourt Enamored of bats ever since discovering a colony in a cave as a boy, Tuttle realized how sophisticated and intelligent bats are. He shares research showing that frog-eating bats can identify frogs by their calls, that vampire bats have a social order similar to that of primates, and that bats have remarkable memories. Bats also provide enormous benefits by eating crop pests, pollinating plants, and carrying seeds needed for reforestation; they are essential to a healthy planet.

Terrestrial Mammal Conservation: Global Evidence for the Effects of Interventions for Terrestrial Mammals Excluding Bats and Primates

Open Book Publishers Terrestrial Mammal Conservation provides a thorough summary of the available scientific evidence of what is known, or not known, about the effectiveness of all of the conservation actions for wild terrestrial mammals across the world (excluding bats and primates, which are covered in separate synopses). Actions are organized into categories based on the International Union for Conservation of Nature classifications of direct threats and conservation actions. Over the course of fifteen chapters, the authors consider interventions as wide ranging as creating uncultivated margins around fields, prescribed burning, setting hunting quotas and removing non-native mammals. This book is written in an accessible style and is designed to be an invaluable resource for anyone concerned with the practical conservation of terrestrial mammals. The authors consulted an international group of terrestrial mammal experts and conservationists to produce this synopsis. Funding was provided by the MAVA Foundation, Arcadia and National Geographic Big Cats Initiative. Terrestrial Mammal Conservation is the seventeenth publication in the Conservation Evidence Series, linked to the online resource www.ConservationEvidence.com. Conservation Evidence Synopses are designed to promote a more evidence-based approach to biodiversity conservation. Others in the series include Bat Conservation, Primate Conservation, Bird Conservation and Forest Conservation and more are in preparation. Expert assessment of the evidence summarised within synopses is provided online and within the annual publication What Works in Conservation.

Comparative Psychology

A Handbook

Routledge Are bird songs learned or genetically programmed? How do animals attract the opposite sex? How does play affect development? How do wolves signal surrender? Which animals have been observed using tools? Do squirrels ever forget food caches? How do bees differentiate between hives? Can some animals count? Examines the state of the art-and its evolution Exploring the full range of animal behavior studies, this authoritative Handbook covers the current state of the art as well as important historical developments in the field since its beginnings over a century ago. It features original essays by comparative psychologists and other animal behavior researchers in experimental psychology who examine and report on the latest research and discoveries in the areas of evolution, development, and species-typical behavior. Discusses all other major approaches to animal behavior The Handbook is the only major reference work to offer a unique psychological perspective of the field. It is also the only one to provide numerous examples of other major approaches to animal behavior, and to discuss and compare them. Arranged in eight major sections for quick and efficient information retrieval, the Handbook: Covers the history and philosophical foundations of comparative psychology, spotlights key figures, and provides international perspectives. Surveys all the important concepts, issues, and theoretical developments in the field. Addresses the latest methodology, focusing on apparatus, research design, statistical techniques, and zoo research. Deals with physiological correlates of behavior, hormones, pheromones, sensation and perception, and sleep. Provides intensive examinations of the behavior of a wide variety of species and groups of animals, from cephalopods and insects to wolves and primates. Covers the key psychological processes of learning and development of behavior, a major emphasis of the field that distinguishes it from other approaches. Treats the full range of functional behaviors by which individuals and species ensure survival and reproductive success. Analyzes cognitive processes, describing complex patterns of behavior in terms of information processing and use. Ideal as a source book for students in comparative psychology, ethology, sociobiology, anthropology, and evolutionary psychology, the Handbook is also a handy reference for scientists working in these fields and for the lay person who wants to understand animal behavior.

A Handbook of Living Primates: Morphology, Ecology and Behaviour of Nonhuman Primates