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Physiology of Marine Mammals East African Mammals Mammals of South America, Volume 1 A Guide to the Mammals of the Southeastern United States Natural History of Oregon Coast Mammals Mammals of New Mexico Mammals of New Mexico The Mammals and Life Zones of Oregon South Asian Mammals Marine Mammal Physiology The Mammals of the Southern African Sub-region Small Mammal Populations in a Grazed and Ungrazed Riparian Habitat in Nevada Mammals of Africa: Volume IV Arkansas mammals Methods for Ecological Research on Terrestrial Small Mammals Recording Structures of Mammals Administration of the Marine Mammal Protection Act of 1972 Mammal Tracks & Sign Land Mammals of Oregon Marine Mammals CRC Handbook of Marine Mammal Medicine Mammals from the Age of Dinosaurs Biology of Marine Mammals Mammals of Mexico Effects of Noise on Marine Mammals Survey of Federally-funded Marine Mammal Research and Studies, FY74-FY94 The Natural History of Canadian Mammals Marine mammal and seabird survey of the Southern California Bight area Fossil Mammals of Asia The Beginning of the Age of Mammals Ocean Mammal Protection, Hearings Before the Subcommittee on Oceans and Atmosphere..., 92-2, on S. 685, 1315, 2579, 2639, 2871, 3112, 3161, and Amendment 1048, Ocean Mammal Legislation.... Zoo and Wild Mammal Formulary Mammals Of Kentucky Low-Frequency Sound and Marine Mammals Marine Mammals California Acoustic Thermometry of Ocean Climate (ATOC) Program and Marine Mammal Research (MMRP) Program, Monterey County Marine Mammal Sensory Systems A Field Guide to the Mammals of Central America and Southeast Mexico Wild Mammals of North America Mammal Skin

Physiology of Marine Mammals 2023-07-05 suppose you were designing a marine mammal what would they need to live in the ocean how would you keep them warm what design features would allow them to dive for very long periods to extreme depths do they need water to drink how would they minimize the cost of swimming and how would they find their prey in the deep and dark these questions and more are examined in detail throughout marine mammal physiology which explores how marine mammals live in the sea from a physiological point of view this undergraduate textbook considers the essential aspects of what makes a marine mammal different from terrestrial mammals beyond just their environment it focuses on the physiological and biochemical traits that have allowed this group of mammals to effectively exploit the marine environment that is so hostile to humans the content of this book is organised around common student questions taking the undergraduate s point of view as the starting point each chapter provides a set of powerpoint slides for instructors to use in teaching and students to use as study guides new study questions and critical thinking points conclude each chapter which are each motivated by a driving question such as how do mammals stay warm in a cold ocean or how do mammals survive the crushing pressures of the deep sea full colour images and comprehensive accessible content make this the definitive textbook for marine mammal physiology

East African Mammals 1988-12-29 acclaimed and coveted by both naturalists and lovers of wildlife illustration jonathan kingdon s seven volume east african mammals has become a classic of modern natural history this paperback edition makes kingdon s remarkable artistic and scientific achievement his hundreds of drawings and perceptive study of all the mammals in east africa s species rich fauna available to the wide audience it deserves volume iib celebrates the large mammals for which the african plains are so famous elephants rhinos zebras bushpigs and warthogs hippopotamuses camels chevrotains giraffes kingdon brings his artist s eye to such puzzles as the zebra s stripes and the giraffe s spots making original observations throughout the seven volumes about the evolutionary and functional significance of coat color facial expressions and curious forms and markings the beauty of the animals so vivid in these incomparable drawings is made more poignant by the acknowledgment of their increasingly endangered status kingdon discusses the inevitable problems posed by large mammal communities in a developing continent and includes numerous maps indicating their declining ranges and populations

Mammals of South America, Volume 1 2008-09-15 the vast terrain between panama and tierra del fuego contains some of the world s richest mammalian fauna but until now it has lacked a comprehensive systematic reference to the identification distribution and taxonomy of its mammals the first such book of its kind and the inaugural volume in a three part series mammals of south america both summarizes existing information and encourages further research of the mammals indigenous to the region containing identification keys and brief descriptions of each order family and genus the first volume of mammals of south america covers marsupials shrews armadillos sloths anteaters and bats species accounts include taxonomic descriptions synonymies keys to identification distributions with maps and a gazetteer of marginal localities lists of recognized subspecies brief summaries of natural history information and discussions of issues related to taxonomic interpretations highly anticipated and much needed this book will be a landmark contribution to mammalogy zoology tropical biology and conservation biology

A Guide to the Mammals of the Southeastern United States 1997 the book is organized according to the various mammalian orders insectivores bats pouched mammals rabbits and hares whales and so on under which the species accounts are given each species account contains concise information about identifying characteristics geographical range habitat natural history and additional factors such as longevity and economic significance complementing this text are more than two hundred illustrations which include photographs drawings and range maps an eight page selection of color plates is an especially attractive feature of the book in addition to the species accounts the book s introductory sections are filled with fascinating general information on southeastern mammalogy the study of mammals mammal conservation the southeastern region and mammal affinities and the preservation of mammal specimens a checklist of southeastern mammals a key to the terrestrial orders and a bibliography of selected references further enhance the usefulness of this guide

Natural History of Oregon Coast Mammals 1981 until now information on mammals in

south asia has never been brought together on a single platform providing all inclusive knowledge on the subject this book is the most up to date comprehensive resource on the mammalian diversity of south asia it offers information on the diversity distribution and status of 504 species of terrestrial and aquatic mammals found in afghanistan bangladesh bhutan india maldives nepal pakistan and sri lanka this work is unique being the first of its kind that deals with diversity and distribution at the subspecies level the book is divided in to three chapters chapter 1 introduces the subject and takes off from the recent works on mammals at the global level provides an historical perspective on mammal studies in south asia and concludes with a note on recent phylogenetic changes at supraordinal levels chapter 2 summarizes the information on the diversity of south asian mammals provides analysis by country of mammalian diversity supported by data in tabular form dealing with species richness endemism and possibly occurring species separate analysis for each country with details on endemic and threatened species extinct mammals domestic mammals and finally the iucn status of mammals with special emphasis on threatened mammals chapter 3 is a comprehensive checklist that provides information on each species including its scientific name type details standardized english name synonyms subspecies distribution and comments on taxonomic status country wise listings and analysis of species richness with emphasis on subspecies distribution most of the analysis is supported by data in tabular forms for better understanding notes on extinct and domesticated mammals as well as their iucn red list status with criteria for such status a very comprehensive bibliography that would help readers track down specific literature

Mammals of New Mexico 1931 suppose you were designing a marine mammal what would you need to think about to allow it to live in the ocean how would you keep it warm what would you design to allow it to dive for very long periods to extreme depths where would it find water to drink how would you minimize the cost of swimming and how would it find its prey in the deep and dark these questions and more are examined in detail throughout this book marine mammal physiology requisites for ocean living is the first textbook focused on how marine mammals live in the sea from a physiological point of view it explores the essential aspects of what makes a marine mammal different from terrestrial mammals beyond just their environment unlike many publications and books that cover these species from almost all perspectives this textbook takes a step back to focus on the physiological and biochemical characteristics that have allowed these mammals as a group to exploit effectively the marine environment that is so hostile to humans the chapter topics are grouped into major themes diving and locomotion nutrition and energetics reproduction sensory systems and environmental interactions each chapter is arranged around a common perspective and theme the big picture challenge and summary and what is known specifically by order to aid you even further the authors include a toolbox section in each chapter where they discuss the newest methods for understanding and working on the physiology of marine mammals

Mammals of New Mexico 1931 this third extensively revised edition of the mammals of the southern african subregion contains detailed descriptions of all mammals that occur naturally on the african mainland south of the cunene and zambezi rivers together with all mammals indigenous to the subregion s coastal waters the rapid accumulation of new information resulting from mammal research in southern africa together with radical taxonomic changes across all levels of mammalian classification have necessitated this new edition which presents the best and latest data accurately in one comprehensive volume for use not only by scientists but also by an increasingly wide audience of general readers with an interest in the natural history of southern africa j d skinner and c t chimimba have revised expanded and updated the text in a major project overseen by an editorial committee constituted by the mammal research institute at the university of pretoria specialists on each mammalian order have served as subeditors and a range of independent and internationally recognised authorities have reviewed every species description in this edition all the distribution maps and many of the illustrations of mammal prints have been updated and redrawn several new colour plates have been added and the whole design of this definitive reference work has been enhanced to ensure easy access to information book jacket

The Mammals and Life Zones of Oregon 1936 mammals of africa moa is a series of six volumes which describes in detail every currently recognized species of african land mammal this is the first time that such extensive coverage has ever been attempted and the volumes incorporate the very latest information and detailed discussion of the morphology distribution biology and

evolution including reference to fossil and molecular data of africa s mammals with more than 1 160 species and 16 18 orders africa has the greatest diversity and abundance of mammals in the world the reasons for this and the mechanisms behind their evolution are given special attention in the series each volume follows the same format with detailed profiles of every species and higher taxa the series includes hundreds of colour illustrations and pencil drawings by jonathan kingdon highlighting the morphology and behaviour of the species concerned as well as line drawings of skulls and jaws by jonathan kingdon and meredith happold every species also includes a detailed distribution map edited by jonathan kingdon david happold tom butynski mike hoffmann meredith happold and jan kalina and written by more than 350 authors all experts in their fields mammals of africa is as comprehensive a compendium of current knowledge as is possible extensive references alert readers to more detailed information volume iv edited by meredith happold and david happold contains profiles of 156 species of insectivores comprising the hedgehogs and shrews the rest of the volume is devoted to the 224 species of african bats the latter are divided into nine families namely fruit bats horseshoe bats leaf nosed bats false vampire bats mouse tailed bats sheath tailed bats slit faced bats free tailed bats and vesper bats

South Asian Mammals 2012-05-19 all the information researchers students and practitioners need to conducted innovative state of the art research on small mammals rodents and insectivores constitute the vast majority of mammals on our planet yet we often overlook the importance of this group as seed dispersers prey species and disease regulators these animals are critical to the functioning of our ecological systems while considerable material exists that describes these species there has been no dedicated guide explaining how to effectively research them until now methods for ecological research on terrestrial small mammals is a one stop resource compiling all the information readers need to conduct state of the art research on small terrestrial mammals across the globe the authors cover the full spectrum of issues from capture handling identification reproduction demography and taxonomy to behavior diet evolution diseases movements morphometrics and more they also highlight the latest techniques while carefully explaining the tried and tested methods needed to conduct rigorous scientific inquiries provide step by step examples and case studies demonstrating how the methods discussed can be used in actual research projects compare and contrast methodologies analytical techniques and software packages helping researchers determine which pathways and tools will yield the best results for their studies a comprehensive and invaluable resource methods for ecological research on terrestrial small mammals is a must have for any ecologist working on small mammals

Marine Mammal Physiology 2015-11-18 this text focuses on the principles and methods of using growth layers formed in teeth and bones of mammals to make a judgement on essential traits of the animal s life history in nearly all mammalian species including man the age of individuals can be determined from the number of growth layers and at least in some of them it is possible to estimate the season of an animal s birth and death age of sexual maturation periodicity of reproduction certain feeding habits and other aspects of the individual s biology it is also possible from tooth enamel analysis to assess doses of radiation accumulated by animals and human beings during their lifetime this book is intended for zoologists wild game biologists and zoo archaeologists but some of the sections could also be of interest for anthropologists radioecologists and conservation biologists

The Mammals of the Southern African Sub-region 2005-11-15 the responsibility of the department is limited by the act to polar bear sea otter and marine otter walrus and manatees and dugong accordingly herewith is the report with regard to those animals

Small Mammal Populations in a Grazed and Ungrazed Riparian Habitat in Nevada 1989 the most comprehensive reference guide to mammal tracks and sign for north america this new edition is more visual with more than 1300 photos and 450 illustrations for easy comparison and identification of similar sign each species account includes information on tracks and trails scat and urine nests and lodges as well as sign on the ground in trees and shrubs on fungi and on plants winner of the 2019 national outdoor book award for outdoor classic books

Mammals of Africa: Volume IV 2014-11-20 the first comprehensive up to date treatment of mammals of oregon since vernon bailey s the mammals and life zones of oregon was published in 1936 this new book provides a basic reference to mammalian life in the northwestern u s with descriptions of 136 extant or recently extirpated species 122 color and 36 b w photos 140 maps

150 drawings

Arkansas mammals 1989 aap prose award finalist 2018 19 for three decades this book has been acknowledged as the most respected scientific reference specifically devoted to marine mammal medicine and health written by approximately 100 contributors who are recognized globally as leaders in their respective fields the crc handbook of marine mammal medicine third edition continues to serve as the essential guide for all practitioners involved with marine mammals including veterinarians technicians biological researchers students managers keepers curators and trainers the 45 chapters provide essential information for the practitioner on pathology infectious diseases medical treatment anesthesia surgery husbandry health assessment species specific medicine medically pertinent anatomy and physiology and global health concerns such as strandings oil spills and entanglements of marine mammals covers all aspects of marine mammal veterinary practice written by internationally acknowledged experts adds new chapters on ophthalmology dentistry ethics oil spill response health assessments whale entanglement response dive response and biotoxins richly illustrated in color throughout the new edition including updated anatomical drawings and extensive photographs of ocular lesions provides guidance to websites that regularly present updated information and images pertinent to current marine mammal medicine such as imaging and stranding network contacts discusses ethics and animal welfare the book guides the reader through the veterinary care of cetaceans pinnipeds manatees sea otters and polar bears in addition to summaries of current knowledge chapters provide information on those digital resources and websites which present the latest information as it emerges in the field the crc handbook of marine mammal medicine third edition gives a call to action for scientists to experiment with new endeavors to engage and inspire current and future generations to care for marine mammals and the marine environment and work together to find solutions as the most trusted reference for marine mammal conservation medicine and for marine mammal medical facilities around the world this book needs to be in your library

Methods for Ecological Research on Terrestrial Small Mammals 2022-01-04 the fossil record on mesozoic mammals has expanded by orders of magnitude over the past quarter century new specimens some of them breathtakingly complete have been found in nearly all parts of the globe at a rapid pace coupled with the application of new scientific approaches and techniques these exciting discoveries have led to profound changes in our interpretation of early mammal history mesozoic mammals have come into their own as a rich source of information for evolutionary biology their record of episodic successive radiations speaks to the pace and mode of evolution early mammals were small but they provide key information on the morphological transformations that led to modern mammals including our own lineage of placentalia significant and fast evolving elements of the terrestrial biota for much of the mesozoic early mammals have played an increasingly important role in studies of paleoecology faunal turnover and historical biogeography the record of early mammals occupies center stage for testing molecular evolutionary hypotheses on the timing and sequence of mammalian radiations organized according to phylogeny this book covers all aspects of the anatomy paleobiology and systematics of all early mammalian groups in addition to the extant mammalian lineages extending back into the mesozoic

Recording Structures of Mammals 2017-10-19 taking an integrated approach to the biology of marine carnivores cetaceans and sirenians twenty two prominent researchers compare marine mammals with one another and with terrestrial mammals providing a framework for fundamental biological and ecological concepts they describe functional morphology sensory systems energetics reproduction communication and cognition behavior distribution population biology and feeding ecology they also detail the physiological adaptations for such activities and processes as diving thermo regulation osmoregulation and orientation that enable marine mammals to exploit their aquatic environment

Administration of the Marine Mammal Protection Act of 1972 1998 the most comprehensive reference on Mexico's diverse mammalian fauna mammals of Mexico is the first reference book in English on the more than 500 types of mammal species found in the diverse Mexican habitats which range from the Sonoran desert to the Chiapas cloud forests the authoritative species accounts are written by a who's who of experts compiled by famed mammalogist and conservationist Gerardo Ceballos ten years in the making mammals of Mexico covers everything from obscure rodents to whales bats primates and wolves it is thoroughly

illustrated with color photographs and meticulous artistic renderings as well as range maps for each species introductory chapters discuss biogeography conservation and evolution the final section of the book illustrates the skulls jaws and tracks of mexico s mammals this unparalleled collection of scientific information on and photographs of mexican wildlife belongs on the shelf of every mammalogist in public and academic libraries and in the hands of anyone curious about mexico and its wildlife

Mammal Tracks & Sign 2019-08-23 the selection of species to include in this book was based on two principles 1 those that in recent times had a viable naturally occurring wild population in canada its continental islands or in the marine waters of its continental shelf and 2 species introduced into canada by humans p xiv

Land Mammals of Oregon 1998 this book is on the emergence of mammals in asia based largely on new fossil finds throughout asia and cutting edge biostratigraphic and geochemical methods of dating the fossils and their geological substrate provided by publisher

Marine Mammals 1995 in the tradition of g g simpson s classic work kenneth d rose s the beginning of the age of mammals analyzes the events that occurred directly before and after the mysterious k t boundary which so quickly thrust mammals from obscurity to planetary dominance rose surveys the evolution of mammals beginning with their origin from cynodont therapsids in the mesozoic contemporary with dinosaurs through the early cenozoic with emphasis on the paleocene and eocene adaptive radiations of therian mammals focusing on the fossil record he presents the anatomical evidence used to interpret behavior and phylogenetic relationships the life s work of one of the most knowledgeable researchers in the field this richly illustrated magisterial book combines sound scientific principles and meticulous research and belongs on the shelf of every paleontologist and mammalogist

CRC Handbook of Marine Mammal Medicine 2018-03-20 zoo and wild mammal formulary offers fast access to authoritative dosing information for drugs used in more than 35 zoo and wild mammal groups including marsupials bears and elephants taking an easy to use tabular format the book is organized by taxa with drug doses sorted by type and alphabetically arranged in every chapter clear and comprehensive the book offers dosages for all important drugs including antibiotics antifungals anesthetics analgesics and more each dose is referenced with a journal or textbook source including the number of animals in the study where available making it easy to find trusted information offers essential drug information for a wide range of zoo and wild mammals in an easy to consult format provides dosing amounts for all important drugs including antibiotics antifungals anesthetics and analgesics includes dosages for over 35 mammal groups including marsupials bears and elephants takes a tabular approach for quick reference makes it easy to find a referenced dose for these animals eliminating time spent searching through other sources zoo and wild mammal formulary is an essential reference for all veterinarians seeing zoo and wild animal patients including zoo and wildlife veterinarians veterinary specialists and veterinary students

Mammals from the Age of Dinosaurs 2004-11-24 because of its central situation in the eastern united states and the variety of habitats to be found within its borders kentucky has an interesting mixture of mammals including some characteristic of the deep south the west and the north all 63 species native to the state are described and illustrated in this volume the fifth in a series of guides to the wildlife of kentucky the book is conveniently arranged by orders families and species and identification is facilitated by illustrated keys and by a series of dramatic color photographs in the account of each species the authors describe its distinguishing features similar species with which it might be confused its habitat range characteristic behavior and life history much of the information in these accounts is drawn from the authors personal observation of the animals in the wild and in some cases in captivity

Biology of Marine Mammals 2013-08-06 this volume reviews the current state of knowledge regarding the effects of low frequency sound on marine mammals and makes recommendations for research in addition the book describes current federal regulations prescribed under the marine mammal protection act that govern the taking of marine mammals by scientific research activities and it recommends changes to expedite the regulatory process dealing with scientific research activities

Mammals of Mexico 2014-01-15 interest in marine mammals has increased dramatically in the last few decades as evidenced by the number of books scientific papers and conferences devoted to these animals nowadays a conference on marine mammals can attract between one

and two thousand scientists from around the world this upsurge of interest has resulted in a body of knowledge which in many cases has identified major conservation problems facing particular species at the same time this knowledge and the associated activities of environmental organisations have served to introduce marine mammals to a receptive public to the extent that they are now perceived by many as the living icons of biodiversity conservation much of the impetus for the current interest in marine mammal conservation comes from save the whale campaigns started in the 1960s by environmental groups around the world in response to declining whale populations after over exploitation by humans this public pressure led to an international moratorium on whaling recommended in 1972 by the united nations conference on the human environment in stockholm sweden and eventually adopted by the international whaling commission ten years later this moratorium largely holds sway to this day and further protective measures have included the delimitation of extensive areas of the indian ocean 1979 and southern ocean 1994 as whale sanctuaries

Effects of Noise on Marine Mammals 1991 this book is a collection of original research papers given at a symposium entitled sensory systems and behavior of aquatic mammals hosted by the ussr academy of sciences the meeting was held in moscow from 16 to 25 october 1991 and involved nearly 100 scientists from around the world the major headings of the book correspond to the session topics at the symposium this meeting was not the first dedicated to problems of sensory systems in aquatic mammals experts in this field met several times previously to discuss important problems of sensory functions in echolocating animals symposia on biosonar systems were held in frascati italy in 1966 then in jersey france in 1978 and in helsingor denmark in 1986 papers presented at these meetings were published in books that advanced significantly the understanding of sensory systems busnel and fish 1980 nachtigall and moore 1988 initially echolocating bats were the main subjects of consideration however studies on echolocating aquatic mammals whales and dolphins increased from one meeting to the next indeed aquatic mammals are of exceptional interest for studying the adaptation of sensory functions for echolocation in specific aquatic environments as a natural consequence of these developments the 1989 symposium in rome was devoted specifically to the sensory systems of cetaceans thomas and kastelein 1990 this symposium was held within the fifth international theriological congress and was attended by many scientists

Survey of Federally-funded Marine Mammal Research and Studies, FY74-FY94 1995 this field guide provides detailed accounts and range maps for all species of mammals native to the land and surrounding waters of central america and southeast mexico with 48 color plates illustrating 85 of the species numerous line drawings an extensive bibliography and sections on how and where to find mammals this book will appeal to both professional and amateur

The Natural History of Canadian Mammals 2012-01-01 table of contents

Marine mammal and seabird survey of the Southern California Bight area 1978 this title is part of uc press s voices revived program which commemorates university of california press s mission to seek out and cultivate the brightest minds and give them voice reach and impact drawing on a backlist dating to 1893 voices revived makes high quality peer reviewed scholarship accessible once again using print on demand technology this title was originally published in 1982

Fossil Mammals of Asia 2013

[The Beginning of the Age of Mammals](#) 2006-10-31

[Ocean Mammal Protection, Hearings Before the Subcommittee on Oceans and Atmosphere..., 92-2, on S. 685, 1315, 2579, 2639, 2871, 3112, 3161, and Amendment 1048, Ocean Mammal Legislation....](#) 1972

[Zoo and Wild Mammal Formulary](#) 2019-06-10

Mammals Of Kentucky 2014-10-17

Low-Frequency Sound and Marine Mammals 1994-02-01

Marine Mammals 2012-12-06

[California Acoustic Thermometry of Ocean Climate \(ATOC\) Program and Marine Mammal Research \(MMRP\) Program, Monterey County](#) 1995

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