

Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

Mammalogists, paleontologists, and marine scientists will find Berta's insights absorbing, while developmental and molecular biologists, geneticists, and ecologists exploring integrative research approaches will benefit from her fresh perspective. 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.

When an eminent biblical scholar and archaeologist is found dead and an ancient and priceless document in his possession is discovered to be missing, Sukey Reynolds follows a hunch to track the murderer.

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

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

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. The authoritative book on Alaska marine life, *Guide to Marine Mammals of Alaska* is a clear and concise look at all twenty-nine of Alaska's mammal species, including whales, dolphins, seals, walrus, and polar bears. Now in its fourth edition, this award-winning book is fully revised with updated information on range and status of all the species. Meant to be a user-friendly and travel-ready resource, the guide provides an overview

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

of each species with data on body type, size, color, behavior, habitat, and more. Maps detail range and migration patterns while full color photos accompany each entry. A glossary, introduction to mammal types, and naming chart make recognizing the different Alaska mammals easy and accessible. In addition to the extensive photographs, the book includes Pieter Folkens's highly accurate illustrations to assist in precise identification. The book itself is a rugged tool that is waterproof and spiral bound, encouraging readers to get out and start spotting fascinating Alaska creatures from land or from sea.

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

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

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.

Given in honor of District Governor Hugh Summers and Mrs. Ahnise Summers by the Rotary Club of Aggieland with matching support from the Sara and John H. Lindsey '44 Fund, Texas A & M University Press, 2004.

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! *

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

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.

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 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

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

how is their welfare impacted?

The activities of modern society have unleashed a range of toxic chemicals into the global environment. Many of these toxicants are now being detected in increasing quantities in the tissues of marine mammals, most notably in top predators who acquire relatively large amounts of toxic chemicals by ingesting contaminated prey. Toxicology of M

This is a complete field guide to the world's marine mammals. It covers the field identification - including geographical, sex and age variations - of all the whales, dolphins, seals and sea cows, plus the Walrus, Polar Bear and marine otters.

More than five hundred illustrations, paintings, and maps capturing 120 species of whales, dolphins, porpoises, seals, and sea lions are accompanied by information on each species.

Twenty-three separate papers, each describing a single species.

The charismatic mammals that live in the ocean are a constant source of interest, both for scientists and our society at large. Their biology, behavior, and conservation are of utmost importance, as a vast number of species are currently threatened. Intended for the upper-level undergraduate or graduate student within biology, marine biology, or conservation/environmental science, *An Introduction to Marine Mammal Biology and Conservation* provides a broad introduction to marine mammal biology using cutting edge information and student-friendly learning tools. The text begins with chapters on

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

the evolution and classification of marine mammals and their general biology. It moves on to discuss the behavior and ecology of different groups of marine mammals, such as polar bears, otters, and cetaceans. Part 3 dives into many different conservation issues facing marine mammals, as well as discussions on how they can be addressed. Closing chapters provide information on how scientists study marine mammals, how society can enjoy observing the animals while making sure they are preserved, and a word to students looking to pursue a career with marine mammals.

"This richly illustrated book is more than a field guide, giving the reader insight into the fascinating biology of these animals and the conservation issues they face. Any resident or visitor to the West Coast will love this book and reach for it not only when standing on a bluff looking out to sea, but also when curled in an armchair at home." ---FRANCES GULLAND, The Marine Mammal Center --Book Jacket.

This thorough revision of the classic Encyclopedia of Marine Mammals brings this authoritative book right up-to-date. Articles describe every species in detail, based on the very latest taxonomy, and a host of biological, ecological and sociological aspects relating to marine mammals. The latest information on the biology, ecology, anatomy, behavior and interactions with man is provided by a cast of expert authors – all presented in such detail and clarity to support both marine mammal specialists and the serious naturalist. Fully referenced throughout and with a fresh selection of the best color photographs available, the long-awaited second edition remains at the forefront as the go-to reference on marine mammals. More than 20% NEW MATERIAL includes articles on Climate Change, Pacific White-sided Dolphins,

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

Sociobiology, Habitat Use, Feeding Morphology and more Over 260 articles on the individual species with topics ranging from anatomy and behavior, to conservation, exploitation and the impact of global climate change on marine mammals New color illustrations show every species and document topical articles FROM THE FIRST EDITION "This book is so good...a bargain, full of riches...packed with fascinating up to date information. I recommend it unreservedly it to individuals, students, and researchers, as well as libraries." --Richard M. Laws, MARINE MAMMALS SCIENCE "...establishes a solid and satisfying foundation for current study and future exploration" --Ronald J. Shusterman, SCIENCE

Berta and Sumich have succeeded yet again in creating superior marine reading! This book is a succinct yet comprehensive text devoted to the systematics, evolution, morphology, ecology, physiology, and behavior of marine mammals. The first edition, considered the leading text in the field, is required reading for all marine biologists concerned with marine mammals.

Revisions include updates of citations, expansion of nearly every chapter and full color photographs. This title continues the tradition by fully expanding and updating nearly all chapters. Comprehensive, up-to-date coverage of the biology of all marine mammals Provides a phylogenetic framework that integrates phylogeny with behavior and ecology Features chapter summaries, further readings, an appendix, glossary and an extensive bibliography Exciting new color photographs and additional distribution maps

Undrowned is a book-length meditation for social movements and our whole species based on the subversive and transformative guidance of marine mammals. Our aquatic cousins are queer, fierce, protective of each other, complex, shaped by conflict, and struggling to survive the extractive and militarized conditions our species has imposed on the ocean. Gumbs

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

employs a brilliant mix of poetic sensibility and naturalist observation to show what they might teach us, producing not a specific agenda but an unfolding space for wondering and questioning. From the relationship between the endangered North Atlantic Right Whale and Gumbs's Shinnecock and enslaved ancestors to the ways echolocation changes our understandings of "vision" and visionary action, this is a masterful use of metaphor and natural models in the service of social justice.

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.

Marine Mammals Ashore: A Field Guide for Strandings (J.R. Geraci & V.J. Lounsbury) in the hardcover format is back! A comprehensive manual for understanding and dealing with a stranded seal, manatee, dolphin, whale, or sea otter, this book contains information for the interested beach dweller or student and for the scientist or marine resource manager. Marine Mammals Ashore describes rescue operations, how to organize a response team, and how to deal with the media and the public. It includes basic information on marine mammal biology, life history, and health, and an extensive bibliography. Marine Mammals Ashore also provides stranding network participants with practical guidelines for collecting data and specimens to better understand the biology and behavior of marine animals and the condition of their environment. All chapters have been updated and expanded, with emphasis on topics that include: enhancing network organization, public education, and media relations. natural and

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

human-related mortality in each major marine mammal group. recognizing, responding to, and investigating unusual mortality events. new or updated protocols for specimen and data collection (e.g., samples for PCR analysis; basic guidelines for investigating possible noise-related strandings; collecting environmental data and samples; and a detailed protocol for examining marine mammals for signs of human interactions). zoonoses and other public health issues. updated overview of marine mammal stranding frequency and distribution in North America, with coverage extended to Canada and Mexico. overview of special topics provided by invited authors: disentanglement (Peter Howorth, Santa Barbara Marine Mammal Center, Santa Barbara CA); tagging and monitoring (Anthony Martin, British Antarctic Survey); and GIS applications (Greg Early, A.I.S., Inc., New Bedford, MA). close to 600 new references (and a few new carcass disposal stories!). The 372-page second edition features water- and tear-resistant paper, a vinyl cover, and durable plastic coil binding. There are even strategically placed lined pages for adding personal notes and contact information.

Animal Journal: Marine Animals of the World guides readers on an exploration of the world's most fascinating marine animals, from the adorable sea lion to the majestic killer whale. Young naturalists will explore different habitats, both near and far, from the icebergs in the arctic to the depths of the Pacific Ocean. This naturalist's notebook gives budding biologists the opportunity to explore new and unfamiliar species of mammals, birds, fish, reptiles, and cephalopods they may not otherwise see in person, along with well-known and favorite marine animals. Marine Animals of the World features gorgeous and detailed illustrations that paint a realistic picture of many marine animals, and highlights the subtle differences between the subspecies. This guide to the undersea world also provides fascinating facts about each

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

featured marine animal, including its scientific name, average size, habitat, diet, and other details. From sea turtles to bottlenose dolphins and sharks, adventure awaits as explorers travel across the globe to catch a glimpse of the world's most wondrous marine animals. International Marine Mammal Law is a comprehensive, introductory volume on the legal regimes governing the conservation and utilisation of marine mammals. Written as a textbook, it provides basic overviews of international conservation law, which enable the reader to understand the greater implications of governance of a specific group of species. Paired with biological information on some marine mammal species, the international regimes for whales, seals and polar bears are explored — either as part of global regimes of international environmental governance or as regimes that were specifically designed for them. The book concludes with outlooks on the future of international marine mammal law, particularly in light of Japan's withdrawal from the International Convention for the Regulation of Whaling in July 2019. Marine Mammals: Fisheries, Tourism and Management Issues brings together contributions from 68 leading scientists from 12 countries to provide a comprehensive, up-to-date review on the way we manage our interactions with whales, dolphins, seals and dugongs. The book examines how we have fared conserving the world's marine mammal populations, with a focus on the key

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

issues of fisheries and tourism. From a unique southern hemisphere perspective, the authors consider how science informs the culling debate, how wild fisheries and aquaculture interact with marine mammal populations and how we might manage the effects of whale, dolphin and seal watching industries. The authors also address other issues such as the way in which ethics, genetics, acoustics, ecosystem models and pollution influence the management and conservation of marine mammals. *Marine Mammals* is an invaluable and accessible resource for all those involved with marine mammals, including scientists, managers, policy makers, industry representatives and students. Winner of a 2004 Whitley Award. This *FoldingGuide*[™] includes 35 marine mammals commonly seen on the Pacific Northwest coast from Oregon up through British Columbia. Includes Baleen, Sperm, and Beaked whales, dolphins, seals, sea lions, otters and more. Presents full-color photographs and illustrations of a wide variety of whales, dolphins, and other marine mammals around the world; and contains information on their habitats, physical characteristics, and behaviors. Many marine mammals communicate by emitting sounds that pass through water. Such sounds can be received across great distances and can influence the behavior of these undersea creatures. In the past few decades, the oceans have become increasingly noisy, as underwater sounds from propellers, sonars,

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

and other human activities make it difficult for marine mammals to communicate. This book discusses, among many other topics, just how well marine mammals hear, how noisy the oceans have become, and what effects these new sounds have on marine mammals. The baseline of ambient noise, the sounds produced by machines and mammals, the sensitivity of marine mammal hearing, and the reactions of marine mammals are also examined. An essential addition to any marine biologist's library, *Marine Mammals and Noise* will be especially appealing to marine mammalogists, researchers, policy makers and regulators, and marine biologists and oceanographers using sound in their research.

Identification guide to marine mammals and to cetaceans, seals, and sirenians found in fresh water.

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

In Arctic Canada, Hudson Bay is a site of great exploration history, aboriginal culture, and a vast marine wilderness supporting large populations of marine mammals and birds. These include some of the most iconic Arctic animals like beluga, narwhal, bowhead whales, and polar bears. Due to the challenges of conducting field research in this region, some of the mysteries of where these animals move, and how they are able to survive in such seemingly inhospitable, ice-choked habitats are just now being unlocked. For example, are polar bears being replaced by killer whales? This new information could not be more salient, as the

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

Hudson Bay Region is undergoing rapid environmental change due to global warming, as well as increased pressures from industrial development interests. A Little Less Arctic brings together some of the world's leading Arctic scientists to present the current state of knowledge on the physical and biological characteristics of Hudson Bay.

A state-of-the-art photographic identification guide to Europe's whales, dolphins, porpoises and seals This cutting-edge photographic identification guide to Europe's sea mammals—the only such guide of its kind—covers the 39 species of whales, dolphins and porpoises and 9 species of seals found in the region, which spans the eastern Atlantic from Iceland to Macaronesia, and the Mediterranean, Caspian and Baltic seas. Written and illustrated by a team of professional tour guides with extensive experience presenting the region's sea mammals, the guide features more than 180 color photographs, maps and graphics, highlights key identification features and includes information on the range, ecology, behaviour and conservation status of each species. Produced with the marine conservation charity ORCA, the book presents mapping data from a decade of surveys, which shows both current distribution and changes over time. Europe's Sea Mammals is an essential companion for whale watchers and anyone else who is interested in this enigmatic group of mammals. The only photographic guide dedicated to this popular whale-watching region Features more than 180 color photos, maps and graphics Highlights key identification features and provides essential information on the range, ecology, behaviour and conservation status of each species

CRC Handbook of Marine Mammal Medicine, Second Edition is the only handbook specifically devoted to marine mammal medicine and health. With 66 contributors working together to craft 45 scientifically-based chapters, the text has been completely revised and updated to contain

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

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

Marine mammals are among the most fascinating and most watched of Earth's many animal species, particularly for their many adaptations for life in and around the water and their unique methods of communication. This comprehensive guide to the order is for experts and enthusiasts alike.

This comprehensive book provides new insights into the morphological, metabolic, thermoregulatory, locomotory, diving, sensory, feeding, and sleep adaptations of Cetacea (whales and dolphins), Pinnipedia (seals, sea lions and walrus), Sirenia (manatees and

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

dugongs) and sea otters for an aquatic life. Each chapter reviews the discoveries from previous studies and integrates recent research using new techniques and technology. Readers will gain an understanding of the remarkable adaptations that enable marine mammals to spend all or most of their lives at sea, often while hunting prey at depth. 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

File Type PDF Marine Mammals Of The World Second Edition A Comprehensive Guide To Their Identification

information at the back of the book.

'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.

[Copyright: 375fc42f495184a6c9900f6819341aaf](#)