

Body Expansion Marks Morphs

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Science in New Guinea 1989

I Want My MTV Rob Tannenbaum 2011-10-27 Remember When All You Wanted Was Your MTV? The perfect gift for the music fan or child of the eighties in your life. Named One of the Best Books of 2011 by NPR - Spin - USA Today - CNBC - Pitchfork - The Onion - The Atlantic - The Huffington Post - VEVO - The Boston Globe - The San Francisco Chronicle Remember the first time you saw Michael Jackson dance with zombies in "Thriller"? Diamond Dave karate kick with Van Halen in "Jump"? Tawny Kitaen turning cartwheels on a Jaguar to Whitesnake's "Here I Go Again"? The Beastie Boys spray beer in "(You Gotta) Fight for Your Right (To Party)"? Axl Rose step off the bus in "Welcome to the Jungle"? It was a pretty radical idea—a channel for teenagers, showing nothing but music videos. It was such a radical idea that almost no one thought it would actually succeed, much less become a force in the worlds of music, television, film, fashion, sports, and even politics. But it did work. MTV became more than anyone had ever imagined. I Want My MTV tells the story of the first decade of MTV, the golden era when MTV's programming was all videos, all the time, and kids watched religiously to see their favorite bands, learn about new music, and have something to talk about at parties. From its start in 1981 with a small cache of videos by mostly unknown British new wave acts to the launch of the reality-television craze with *The Real World* in 1992, MTV grew into a tastemaker, a career maker, and a mammoth business. Featuring interviews with nearly four hundred artists, directors, VJs, and television and music executives, I Want My MTV is a testament to the channel that changed popular culture forever.

Balkan Prehistory Douglass Whitfield Bailey 2000 Bailey's volume fills the gap that existed for an archaeology of the Balkans and will be required reading for anyone studying the Neolithic, Copper and early Bronze Ages of Eastern Europe.

Comparing the Geological and Fossil Records Alistair McGowan 2011 The past decade has witnessed a major revival in attempts to separate biodiversity signals from biases imposed by sampling and the architecture of the rock record. How large a problem this poses to our understanding of biodiversity patterns remains debatable, and new approaches are being developed to investigate this question. Here palaeobiologists with widely differing approaches and interests explore the problems of extracting reliable information on biodiversity change from an imperfect geological record. Topics covered range from the application of information-theoretic approaches that identify directional causal relationships to an in-depth study of how geological biases could influence our understanding of dinosaur evolution.

New Developments in the Biology of Chrysomelidae Pierre Jolivet 2021-10-25 This book summarizes what is actually known about the biology of Leaf Beetles. It is the most recent study in the field. The many and varied topics dealt with in this book cover almost all aspects of phylogeny, classification, paleontology, parasitology, biogeography, defenses, population biology, genetics and biological control as well as many other subjects. The most renowned specialists in these fields have been chosen to put together a diverse, state-of-the-art publication.

Notoriously Nefarious Sergio Black

The Complete Dinosaur M. K. Brett-Surman 2012-06-27 A new edition of the illustrated compendium that is "a gift to serious dinosaur enthusiasts" (Science). What do we know about dinosaurs, and how do we know it? How did they grow, move, eat, and reproduce? Were they warm-blooded or cold-blooded? How intelligent were they? How are the various groups of dinosaurs related to each other, and to other kinds of living and extinct vertebrates? What can the study of dinosaurs tell us about the process of evolution? And why did typical dinosaurs become extinct? These questions and more are addressed in this new, expanded edition of *The Complete Dinosaur*. Written by leading experts on the "fearfully great" reptiles, the book covers what we have learned about dinosaurs, from the earliest discoveries to the most recent controversies. Where scientific contention exists, the editors have let the experts agree to disagree. *The Complete Dinosaur* is a feast for serious dinosaur lovers, from the enthusiastic amateur to the professional paleontologist. Praise for the first edition: "An excellent encyclopedia that serves as a nice bridge between popular and scholarly dinosaur literature." —Library Journal (starred review) "Stimulating armchair company for cold winter evenings. . . . Best of all, the book treats dinosaurs as intellectual fun." —New Scientist "Useful both as a reference and as a browse-and-enjoy compendium." —Natural History "Copiously illustrated and scrupulously up-to-date." —Publishers Weekly "The amount of information in [these] pages is amazing. This book should be on the shelves of dinosaur freaks as well as those who need to know more about the paleobiology of extinct animals. It will be an invaluable library reference." —American Reference Books Annual

Contributions to the Systematics of the Caddisfly Family Molannidae in Asia (Trichoptera) Glenn B. Wiggins 1968

Adaptive Function and Brain Evolution Agustín González 2014-10-27 The brain of each animal shows specific traits that reflect its phylogenetic history and its particular lifestyle. Therefore, comparing brains is not just a mere intellectual exercise, but it helps understanding how the brain allows adaptive behavioural strategies to face an ever-changing world and how this complex organ has evolved during phylogeny, giving rise to complex mental processes in humans and other animals. These questions attracted scientists since the times of Santiago Ramon y Cajal one of the founders of comparative neurobiology. In the last decade, this discipline has undergone a true revolution due to the analysis of expression patterns of morphogenetic genes in embryos of different animals. The papers of this e-book are good examples of modern comparative neurobiology, which mainly focuses on the following four Grand Questions: a) How are different brains built during ontogeny? b) What is the anatomical organization of mature brains and how can they be compared? c) How do brains work to accomplish their function of ensuring survival and, ultimately, reproductive success? d) How have brains evolved during phylogeny? The title of this e-book, *Adaptive Function and Brain Evolution*, stresses the importance of comparative studies to understand brain function and, the reverse, of considering brain function to properly understand brain evolution. These issues should be taken into account when using animals in the research of mental function and dysfunction, and are fundamental to understand the origins of the human mind.

Identity and the Quartered Circle Dorothy Louise Abrams 2013-06-28 Identity and The Quartered Circle is an eclectic Wiccan discussion of the search for identity through the power of a cast circle and the four directions. The book defines the Circle as a container for magic. A chapter on psychological identity follows. From casting a circle to meeting the Elementals and winged spirits of faerie, the author leads the reader on a personal journey in consciousness. At its conclusion we can speak intelligently of merger with the Gods and Oneness and the reader can answer the big four questions: Who Am I, Why am I here, Where did I come from and Where am I going?

South American Sauropodomorph Dinosaurs Alejandro Otero 2022-04-25 Sauropodomorpha Huene 1932 is one of the most successful groups of dinosaurs, including the most abundant and diverse herbivorous forms with a worldwide record, extending from the late Triassic to the late Cretaceous. Sauropodomorphs comprise a diverse assemblage of early forms (traditionally called "prosauropods") and the well-established clade Sauropoda Marsh 1878. Early sauropodomorphs were small to medium sized forms, with long necks and reduced skulls, mostly bipeds and omnivores and were abundant in continental environments in the Late Triassic and Early Jurassic. With more than 150 valid species and a worldwide distribution, Sauropoda includes the dominant herbivorous dinosaurs, from the Middle Jurassic to the Late Cretaceous. Its unique body plan, characterized by gigantic size, graviportal locomotion, long necks and tails, and reduced skulls, made this group an undisputed icon in popular culture since the 19th century. In South America, the sauropodomorph record is particularly rich and abundant, and many species have shed light to understand important milestones in the evolutionary history of this group of dinosaurs. The origin of Sauropodomorpha, the transition to Sauropoda, and the diversification of its most successful evolutionary lineages are largely exemplified by the South American fossil record. In this contribution, we synthesize the diversity of sauropodomorphs from South America, including data on their geographic and stratigraphic provenance, phylogenetics, paleobiology, taphonomy and behaviour, underscoring their significance within the context of sauropodomorph evolution.

Contribution - Life Sciences, Royal Ontario Museum Royal Ontario Museum. Life Sciences Division 1967

A Synopsis of Biology W. B. Crow 2013-10-22 A Synopsis of Biology summarizes the entire field of biology using a telegraphic style. The discussions are organized around seven themes: form and structure (morphology); functions (physiology); organism and environment (ecology); evolution and heredity (genetics); plant classification (systematic botany); animal classification (systematic zoology); and applications of biology (applied biology). Comprised of seven sections, this book begins with a detailed account of the morphology of living and non-living things, followed by an assessment of the origin of life. The reader is then introduced to reproduction (vegetative, sexual, and asexual); plant and animal tissues; seeds and seedlings; and metameric segmentation. Subsequent chapters explore matter and energy; organic and inorganic compounds; dermal excretion and thermo-regulation; periodicity and seasonal phenomena; and the life of rivers and lakes. The book also examines parasitism; mating and courtship; natural, artificial, and sexual selection; cultivation of plants; and domestication of animals. This monograph will be useful to research workers, degree students, and others interested in biology.

Zola, The Body Modern Susan Harrow 2017-07-05 Emile Zola's reputation as a landmark European novelist is undisputed. His monumental achievement, the novel cycle *Les Rougon-Macquart*: Histoire sociale et naturelle d'une famille sous le Second Empire (1871-1893), fixed his status as a major writer in the naturalist tradition. Is there any more to be said? Susan Harrow answers boldly in the affirmative, challenging the commonplace view that Zola's writing is predictable, prolix and transparent (what Barthes called 'readerly', for which read 'tedious'). Harrow exposes the modernist and postmodernist strategies which surface in the Rougon-Macquart novels, and reveals Zola's innovatory representation of the body captured here at work, at war, at play, at rest, and in arresting abstraction. Informed by critical thought from Barthes and Deleuze to Michel de Certeau and Anthony Giddens, Zola, the Body Modern offers a model for how we can revitalize our understanding of the canonical nineteenth-century European novel, and learn to travel more flexibly between parameters of century, style and aesthetics.

Encyclopedia of Geology 2020-12-16 Encyclopedia of Geology, Second Edition presents in six volumes state-of-the-art reviews on the various aspects of geologic research, all of which have moved on considerably since the writing of the first edition. New areas of discussion include extinctions, origins of life, plate tectonics and its influence on faunal provinces, new types of mineral and hydrocarbon deposits, new methods of dating rocks, and geological processes. Users will find this to be a fundamental resource for teachers and students of geology, as well as researchers and non-geology professionals seeking up-to-date reviews of geologic research. Provides a comprehensive and accessible one-stop shop for information on the subject of geology, explaining methodologies and technical jargon used in the field Highlights connections between geology and other physical and biological sciences, tackling research problems that span multiple fields Fills a critical gap of information in a field that has seen significant progress in past years Presents an ideal reference for a wide range of scientists in earth and environmental areas of study

Animal Behaviour Abstracts 1979

The Working Gal's Guide to Babyville Paige Hobey 2009-04-29 You're an independent career woman suddenly dropped into the chaos of Babyville. You have a newborn to care for, three months (if you're lucky) of unstructured time to fill, a work decision to make (to go back full-time? part-time? job share?), childcare to acquire, and family finances to balance. You need someone to make you laugh during the hard times, a doctor to call in the middle of the night, and a good career counselor to boot. Never fear! Sure to become the gold standard resource during that crazy first year, *The Working Gal's Guide to Babyville* combines stories and sisterly advice from the trenches, infant care information and tips from a pediatrician, and career and budget guidance from a pro. From getting baby to sleep through the night to making the most of maternity leave, from weighing work options to finding childcare, from networking with new parents to emotionally transitioning from "Ms. Independent to Mom," it offers desperately needed, easy-to-execute strategies and expert solutions on all manner of Year One issues. The essential guidebook for today's busy career moms, it's every bit as hip, smart, and savvy as the women who'll be reading it.

The Witcher - De laatste wens (filmeditie) Andrzej Sapkowski 2020-10-12 Dit is de eerste verzameling verhalen van Andrzej Sapkowski met heks Geralt in de hoofdrol. Dé inspiratiebron voor de rol van Henry Cavill uit de Netflix-hitserie *The Witcher*. De *Laatste Wens* is het eerste boek van Andrzej Sapkowski over de avonturen van heks Geralt. Een collectie korte verhalen vol magie en monsters. Geralt valt behoorlijk op, met zijn witte haar en doordringende ogen, zijn cynische houding en totale gebrek aan respect voor autoriteit... Maar hij is veel meer dan zijn indrukwekkende uiterlijk doet vermoeden. Geralt is een heks, een man met magische krachten die van hem een briljante vechter en een genadeloze huurmoordenaar maken. Zijn doelwitten? Verachtelijke monsters die het land terroriseren. Als beschermers van de onschuldigen ontmoet Geralt incestueuze koningen met onode dochters, wraakzuchtige geesten, schreeuwende harpijen, vampiers met relatieproblemen en wanhopige demonen. Velen zijn kwaadaardig, sommigen zelfs verdorven, maar het belangrijkste is dat de meesten niet zijn wie ze lijken...

Introduction to Paleobiology and the Fossil Record Michael J. Benton 2020-04-14 This book presents a comprehensive overview of the science of the history of life. Paleobiologists bring many analytical tools to bear in interpreting the fossil record and the book introduces the latest techniques, from multivariate investigations of biogeography and biostratigraphy to engineering analysis of dinosaur skulls, and from homeobox genes to cladistics. All the well-known fossil groups are included, including microfossils and invertebrates, but an important feature is the thorough coverage of plants, vertebrates and trace fossils together with discussion of the origins of both life and the metazoans. All key related subjects are introduced, such as systematics, ecology, evolution and development, stratigraphy and their roles in understanding where life came from and how it evolved and diversified. Unique features of the book are the numerous case studies from current research that lead students to the primary literature, analytical and mathematical explanations and tools, together with associated problem sets and practical schedules for instructors and students. New to this edition The text and figures have been updated throughout to reflect current opinion on all aspects New case studies illustrate the chapters, drawn from a broad distribution internationally Chapters on Macroevolution, Form and Function, Mass extinctions, Origin of Life, and Origin of Metazoans have been entirely rewritten to reflect substantial advances in these topics There is a new focus on careers in paleobiology

Vertebrate Palaeontology Michael J. Benton 2014-10-20 Vertebrate palaeontology is a lively field, with new discoveries reported every week... and not only dinosaurs! This new edition reflects the international scope of vertebrate palaeontology, with a special focus on exciting new finds from China. A key aim is to explain the science. Gone are the days of guesswork. Young researchers use impressive new numerical and imaging methods to explore the tree of life, macroevolution, global change, and functional morphology. The fourth edition is completely revised. The cladistic framework is strengthened, and new functional and developmental spreads are added. Study aids include: key questions, research to be done, and recommendations of further reading and web sites. The book is designed for palaeontology courses in biology and geology departments. It is also aimed at enthusiasts who want to experience the flavour of how the research is done. The book is strongly phylogenetic, and this makes it a source of current data on vertebrate evolution.

Reed and Bush Warblers Peter Kennerley 2010-11-30 This detailed and comprehensive identification guide follows in the mould of Sylvia Warblers and Pipits and Wagtails. It primarily covers the genera *Acrocephalus*, *Locustella*, *Cettia* and *Bradypterus*, together with a few smaller related genera. To the uninitiated, these are the archetypal 'little brown jobs' and as if they weren't hard enough to identify anyway, many of them are hard to see as well! This authoritative handbook covers their identification in breathtaking detail, illustrated with line drawings, sonograms, wonderful colour plates and photographs. It is destined to become the ultimate reference for these challenging birds.

A Companion to Rock Art Jo McDonald 2012-06-22 This unique guide provides an artistic and archaeological journey deep into human history, exploring the petroglyphic and pictographic forms of rock art produced by the earliest humans to contemporary peoples around the world. Summarizes the diversity of views on ancient rock art from leading international scholars Includes new discoveries and research, illustrated with over 160 images (including 30 color plates) from major rock art sites around the world

Examines key work of noted authorities (e.g. Lewis-Williams, Conkey, Whitley and Clottes), and outlines new directions for rock art research. Is broadly international in scope, identifying rock art from North and South America, Australia, the Pacific, Africa, India, Siberia and Europe. Represents new approaches in the archaeological study of rock art, exploring issues that include gender, shamanism, landscape, identity, indigeneity, heritage and tourism, as well as technological and methodological advances in rock art analyses. *The Rise of Birds* Sankar Chatterjee 2015-04-01 His compelling, occasionally controversial, revelations—accompanied by spectacular illustrations—are a must-read for anyone with a serious interest in the evolution of “the feathered dinosaurs,” from vertebrate paleontologists and ornithologists to naturalists and birders.

The Imaginary App Paul D. Miller 2014-08-29 The mobile app as technique and imaginary tool, offering a shortcut to instantaneous connection and entertainment. Mobile apps promise to deliver (h)appiness to our devices at the touch of a finger or two. Apps offer gratifyingly immediate access to connection and entertainment. The array of apps downloadable from the app store may come from the cloud, but they attach themselves firmly to our individual movement from location to location on earth. In *The Imaginary App*, writers, theorists, and artists—including Stephen Wolfram (in conversation with Paul Miller) and Lev Manovich—explore the cultural and technological shifts that have accompanied the emergence of the mobile app. These contributors and interviewees see apps variously as “a machine of transcendence,” “a hulking wound in our nervous system,” or “a promise of new possibilities.” They ask whether the app is an object or a relation, and if it could be a “metamedium” that supersedes all other artistic media. They consider the control and power exercised by software architecture; the app's prosthetic ability to enhance certain human capacities, in reality or in imagination; the app economy, and the divergent possibilities it offers of making a living or making a fortune; and the app as medium and mediator of reality. Also included (and documented in color) are selected projects by artists asked to design truly imaginary apps, “icons of the impossible.” These include a female sexual arousal graph using Doppler images; “The Ultimate App,” which accepts a payment and then closes, without providing information or functionality; and “iLuck,” which uses GPS technology and four-leaf-clover icons to mark places where luck might be found. Contributors Christian Ulrik Andersen, Thierry Bardini, Nandita Biswas Mellamphy, Benjamin H. Bratton, Drew S. Burk, Patricia Ticineto Clough, Robbie Cormier, Dock Currie, Dal Yong Jin, Nick Dyer-Witheford, Ryan and Hays Holladay, Atle Mikkola Kjosen, Eric Kluitenberg, Lev Manovich, Vincent Manzerolle, Svitlana Matviyenko, Dan Mellamphy, Paul D. Miller aka DJ Spooky That Subliminal Kid, Steven Millward, Anna Munster, Søren Bro Pold, Chris Richards, Scott Snibbe, Nick Srnicek, Stephen Wolfram

Brutal Intimacy Tim Palmer 2011-03-01 *Brutal Intimacy* is the first book to explore the fascinating films of contemporary France, ranging from mainstream genre spectaculars to arthouse experiments, and from wildly popular hits to films that deliberately alienate the viewer. Twenty-first-century France is a major source of international cinema—diverse and dynamic, embattled yet prosperous—a national cinema offering something for everyone. Tim Palmer investigates France's growing population of women filmmakers, its buoyant vanguard of first-time filmmakers, the rise of the controversial cinema du corps, and France's cinema icons: auteurs like Olivier Assayas, Claire Denis, Bruno Dumont, Gaspar Noé, and stars such as Vincent Cassel and Jean Dujardin. Analyzing dozens of breakthrough films, *Brutal Intimacy* situates infamous titles alongside many yet to be studied in the English language. Drawing on interviews and the testimony of leading film artists, *Brutal Intimacy* promises to be an influential treatment of French cinema today, its evolving rivalry with Hollywood, and its ambitious pursuits of audiences in Europe, North America, and around the world.

Strickberger's Evolution Brian K. Hall 2011-06-07 Thoroughly updated and reorganized, *Strickberger's Evolution*, Fourth Edition, presents biology students with a basic introduction to prevailing knowledge and ideas about evolution, discussing how, why, and where the world and its organisms changed throughout history. Keeping consistent with Strickberger's engaging writing style, the authors carefully unfold a broad range of philosophical and historical topics that frame the theories of today including cosmological and geological evolution and its impact on life, the origins of life on earth, the development of molecular pathways from genetic systems to organismic morphology and function, the evolutionary history of organisms from microbes to animals, and the numerous molecular and populational concepts that explain the earth's dynamic evolution. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Cinematic Appeals Ariel Rogers 2013-10-22 *Cinematic Appeals* follows the effect of technological innovation on the cinema experience, specifically the introduction of widescreen and stereoscopic 3D systems in the 1950s, the rise of digital cinema in the 1990s, and the transition to digital 3D since 2005. Widescreen films drew the spectator into the world of the screen, enabling larger-than-life close-ups of already larger-than-life actors. The technology fostered the illusion of physically entering a film, enhancing the semblance of realism. Alternatively, the digital era was less concerned with manipulating the viewer's physical response and more with generating information flow, awe, disorientation, and the disintegration of spatial boundaries. This study ultimately shows how cinematic technology and the human experience shape and respond to each other over time. Films discussed include Elia Kazan's *East of Eden* (1955), *Star Wars: The Phantom Menace* (1999), *The Matrix* (1999), and Thomas Vinterberg's *Dogme* film *The Celebration* (1998).

Form, Structure and Function of Shell and Siphuncle in Coiled Mesozoic Ammonoids Gerd Ernst Gerold Westermann 1971

Evolution Monroe W. Strickberger 2005

Ecology of Fishes on Coral Reefs Camilo Mora 2015-04-23 The local diversity and global richness of coral reef fishes, along with the diversity manifested in their morphology, behaviour and ecology, provides fascinating and diverse opportunities for study. Reflecting the very latest research in a broad and ever-growing field, this comprehensive guide is a must-read for anyone interested in the ecology of fishes on coral reefs. Featuring contributions from leaders in the field, the 36 chapters cover the full spectrum of current research. They are presented in five parts, considering coral reef fishes in the context of ecology, patterns and processes, human intervention and impacts, conservation, and past and current debates. Beautifully illustrated in full-colour, this book is designed to summarise and help build upon current knowledge and to facilitate further research. It is an ideal resource for those new to the field as well as for experienced researchers.

Billy Summers Stephen King 2021-08-03 Een verhaal over liefde, geluk, het lot en een complexe held die nog één laatste kans op verlossing krijgt Billy Summers is een huurmoordenaar, de beste die er is. Hij stelt wel een voorwaarde: Billy neemt een klus alleen aan als het doelwit echt een slechterik is. En nu wil Billy ermee stoppen. Maar eerst is er nog één laatste opdracht. Als een van de beste sluipschutters ter wereld en een onderscheiden oorlogsveteraan uit Irak is hij een houdini als het aankomt op verdwijnen nadat een klus is -geklaard. Dus wat kan er misgaan? Wat dacht je van... alles? Dit niet weg te leggen verhaal is enerzijds een oorlogsverhaal en anderzijds een liefdesverklaring aan kleine steden in Amerika en de mensen die daar wonen. Met in de hoofdrol een van de meest meeslepende en verrassende duo's die King ooit heeft geschreven, dat alles op alles zet om de misdaden van een buitengewoon slechte man te wreken. Het gaat over liefde, geluk, het lot en een complexe held die nog één laatste kans op verlossing krijgt. In de pers 'King kan schrijven. Zo.' Matthijs van Nieuwkerk 'King is een angstvirtuoos, hij kan je werkelijk bang maken. Lees en kijk over je schouder.' NRC Handelsblad 'De koning van het spannende genre.' VN Detective & Thrillergids

Anatomy, Phylogeny and Palaeobiology of Early Archosaurs and Their Kin Sterling J. Nesbitt 2013 Archosaurs, an important reptile group that includes today's crocodiles and birds, arose during the Triassic in the aftermath of the greatest mass extinction of all time. In the last 20 years, our understanding of the early evolution of the group has improved substantially with the discovery of new fossils and species of early archosaurs and their closest relatives, a better understanding of the relationships of these animals, and new insights into their palaeobiology. In order to synthesize these new data, researchers of early archosaurs from around the world met at the first symposium of early archosaur evolution at the IV Congreso Latinoamericano de Paleontología de Vertebrados (September 2011) in San Juan, Argentina. This symposium

facilitated collaboration and strove to paint a better understanding of these extraordinary animals. The resultant body of work is a state-of-the-art examination of early archosaur groups and their close relatives including historical, anatomical, biogeographical, evolutionary and palaeobiological data. This contribution furthers our knowledge of the anatomy, relationships, and palaeobiology of species-level taxa as well as more global patterns of archosaur evolution during the Triassic -- P. 4 of cover.

Popular Science 2002-12 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Evolutionary Neuroscience Jon H. Kaas 2020-05-30 *Evolutionary Neuroscience*, Second Edition, is a collection of chapters on brain evolution that combines selected topics from the recent comprehensive reference, *Evolution of Nervous Systems* (Elsevier, Academic Press, 2017, 9780128040423). The selected chapters cover a broad range of topics, from historical theory, to the most recent deductions from comparative studies of brains. The articles are organized in sections focused on history, concepts and theory, the evolution of brains from early vertebrates to present-day fishes, amphibians, reptiles and birds, the evolution of mammalian brains, and the evolution of primate brains, including human brains. Each chapter is written by a leader or leaders in the field. Specific topics include brain character reconstruction, principles of brain scaling, basic features of vertebrate brains, the evolution of the major sensory systems, other parts of brains, what we can learn from fossils, the origin of neocortex, and the evolution of specializations of human brains. The collection of articles will be interesting to anyone who is curious about how brains evolved from the simpler nervous systems of the first vertebrates into the many different complex forms now found in present-day vertebrates. Provides the most comprehensive, authoritative and up-to-date single volume collection on brain evolution. Presents a full color treatment, with many illustrations. Written by leading scholars and experts. Features chapters on brain character reconstruction, principles of brain scaling, basic features of vertebrate brains, the evolution of the major sensory systems, and other parts of brains. Discusses what we can learn from fossils, the origin of neocortex, and the evolution of specializations of human brains.

Dawn of the Age of Dinosaurs in the American Southwest Spencer G. Lucas 1989

Wildlife of the Arctic Richard Sale 2018-04-10 A pocket-sized photographic field guide to Arctic birds, mammals, and other wildlife. *Wildlife of the Arctic* is an accessible and richly illustrated pocket-sized photographic field guide to the birds, land and sea mammals, and plants and lichens of the northern polar region—including Alaska, Canada, Greenland, Iceland, Scandinavia, and Russia. Written and illustrated by naturalists with extensive Arctic experience, this handy book features detailed facing-page descriptions of each species, including information about identification, range, distribution, and breeding and wintering grounds. A substantial introduction explains the area covered, with information on the poles, geology, snow and ice, auroras, and the influence of global warming. This portable, user-friendly guide is the perfect companion for birders, ecotourists, and cruise-line passengers visiting the Arctic Circle and other areas of the far north. An accessible and richly illustrated pocket-sized photographic field guide to Arctic wildlife. Features more than 800 color photos illustrating more than 250 bird species, 60 land mammals, and 30 seals and whales. Includes extensive facing-page species descriptions and identification information. Provides an overview of the Arctic region, with information on the poles, geology, snow and ice, auroras, and the influence of global warming. Explores each family of birds and mammals, and has sections covering fish, insects, plants, and lichens.

Hormones, Brain and Behavior 2016-11-09 *Hormones, Brain and Behavior*, Third Edition offers a state-of-the-art overview of hormonally-mediated behaviors, including an extensive discussion of the effects of hormones on insects, fish, amphibians, birds, rodents, and humans. Entries have been carefully designed to provide a valuable source of information for students and researchers in neuroendocrinology and those working in related areas, such as biology, psychology, psychiatry, and neurology. This third edition has been substantially restructured to include both foundational information and recent developments in the field. Continuing the emphasis on interdisciplinary research and practical applications, the book includes articles aligned in five main subject sections, with new chapters included on genetic and genomic techniques and clinical investigations. This reference provides unique treatment of all major vertebrate and invertebrate model systems with excellent opportunities for relating behavior to molecular genetics. The topics cover an unusual breadth (from molecules to ecophysiology), ranging from basic science to clinical research, making this reference of interest to a broad range of scientists in a variety of fields. Comprehensive and updated coverage of a rapidly growing field of research. Unique treatment of all major vertebrate and invertebrate model systems with excellent opportunities for relating behavior to molecular genetics. Covers an unusual breadth of topics and subject fields, ranging from molecules to ecophysiology, and from basic science to clinical research. Ideal resource for interdisciplinary learning and understanding in the fields of hormones and behavior.

The Dinosauria David B. Weishampel 2004-12-06 When *The Dinosauria* was first published more than a decade ago, it was hailed as “the best scholarly reference work available on dinosaurs” and “an historically unparalleled compendium of information.” This second, fully revised edition continues in the same vein as the first but encompasses the recent spectacular discoveries that have continued to revolutionize the field. A state-of-the-science view of current world research, the volume includes comprehensive coverage of dinosaur systematics, reproduction, and life history strategies, biogeography, taphonomy, paleoecology, thermoregulation, and extinction. Its internationally renowned authors—forty-four specialists on the various members of the Dinosauria—contribute definitive descriptions and illustrations of these magnificent Mesozoic beasts. The first section of *The Dinosauria* begins with the origin of the great clade of these fascinating reptiles, followed by separate coverage of each major dinosaur taxon, including the Mesozoic radiation of birds. The second part of the volume navigates through broad areas of interest. Here we find comprehensive documentation of dinosaur distribution through time and space, discussion of the interface between geology and biology, and the paleoecological inferences that can be made through this link. This new edition will be the benchmark reference for everyone who needs authoritative information on dinosaurs.

Bulletin of the British Museum (Natural History). 1992

Shamanic Wisdom for Pregnancy and Parenthood Anna Cariad-Barrett 2017-01-13 A guide to consciously exploring and honoring the spiritual and emotional journey of becoming a parent • Provides tools and meditations to engage the sacred wisdom-keeper within and create personal shamanic medicine to support you and your family • Discusses the shamanic perspective on miscarriage, fertility issues, postpartum stress, blended families, and adoption as a form of birthing through the heart • Provides shamanic teachings and techniques for conception, each trimester of pregnancy, birth, and the postpartum period The journey into parenthood transforms us, whether our children are biological, adopted, in spirit, or not yet conceived. As we give birth through heart or body, we not only shape-shift into mothers and fathers, but also gain access to the deep inner well of spiritual wisdom that opens with initiation into parenthood. In this guide to consciously exploring the shamanic journey of pregnancy and parenthood, Anna Cariad-Barrett offers techniques and ceremonies to honor the transformation of becoming a parent and engage the sacred wisdom-keeper within. She provides tools and meditations to create personal shamanic medicine to support you and your family on this journey as well as connect with the wisdom of nature, expand your intuition, and explore altered states of consciousness. Restoring honor to the shadow side of parenthood, the author discusses the shamanic perspective on miscarriage, fertility, sexuality, postpartum stress and depression, blended families, and adoption as a form of birthing through the heart. She explains how to heal any deep psychic wounds from your birth family and transform negative beliefs you may hold about parenthood. She provides chapters on each trimester of pregnancy, offering specific teachings and techniques appropriate to each stage as well as conception, birth, and the postpartum period. Whether you are preparing to welcome your first child or seeking spiritual support for the multidimensional experience of being a parent, the author shows how to reclaim and reconnect all the experiences of parenthood and how, through this rite of passage, we give birth to our most authentic selves.