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The Molecular Vision of Life - Lily E. Kay 1993
This fascinating study examines the rise of American molecular biology to disciplinary dominance, focusing on the period between 1930 and the elucidation of DNA structure in the mid 1950s. Research undertaken during this period, with its focus on genetic structure and function, endowed scientists with then unprecedented power over life. By viewing the new biology as both a scientific and cultural enterprise, Lily E. Kay shows that the growth of molecular biology was a result of systematic efforts by key scientists and their sponsors to direct the development of biological research toward a shared vision of science and society. She analyzes the motivations and mechanisms empowering this vision by focusing on two key institutions: Caltech and its sponsor, the Rockefeller Foundation. Her study explores a number of vital, sometimes controversial topics, among them the role of private power centers in shaping scientific agenda, and the political dimensions of pure research. It also advances a sobering argument: the cognitive and social groundwork for genetic engineering and human genome projects was laid by the American architects of molecular biology during these early decades of the project. This book will be of interest to molecular biologists, historians, sociologists, and the general reader alike.
Our Wildlife Legacy - Durward Leon Allen 1974

Out and Back - Hillary Allen 2021-04-06
"Powerful and affecting. Hillary is an indomitable force." — Dean Karnazes In 2017, world-class ultrarunner Hillary Allen was at the top of her sport--and it felt like she was running on top of the world as she competed in Norway's Tromsø Skyrace. Allen was nearly halfway through the 50-kilometer race when she fell 150 feet off an exposed ridge, fracturing her back and breaking multiple ribs, both feet, and both of her lower arms. Beginning with the dramatic story of her accident and rescue, Out and Back: A Runner's Story of Survival Against All Odds recounts Allen's fight to return to the life she loves. With vulnerability that reveals remarkable strength and introspection that yields wisdom, Allen shares the story of her recovery both physically and mentally, and hard-earned knowledge that the path forward is not always linear, that healing takes time, and that the process of rediscovery is ongoing as she learns what it takes to survive--and thrive. Out and Back is an inspiration to anyone who knows what it means to reclaim and rebuild your life, one day and one step at a time.
British Books in Print - 1979

The Unruly Life of Woody Allen - Marion Meade 2000
Traces the life and career of the celebrated filmmaker, discussing the inspiration behind his films and his controversial private life

Bibliography of the History of Medicine - 1984

Hierarchy - T. F. H. Allen 2017-11-15
Although complexity surrounds us, its inherent uncertainty, ambiguity, and contradiction can at first make complex systems appear inscrutable. Ecosystems, for instance, are nonlinear, self-organizing, seemingly chaotic structures in which individuals interact both with each other and with the myriad biotic and abiotic components of their surroundings across geographies as well as spatial and temporal scales. In the face of such complexity, ecologists have long sought tools to streamline and aggregate information. Among them, in the 1980s, T. F. H. Allen and Thomas B. Starr implemented a burgeoning concept from business administration: hierarchy theory. Cutting-edge when Hierarchy was first published, their approach to unraveling complexity is now integrated into mainstream ecological thought. This thoroughly revised and expanded second edition of Hierarchy reflects the assimilation of hierarchy theory into ecological research, its successful application to the understanding of complex systems, and the many developments in thought since. Because hierarchies and levels are habitual parts of human thinking, hierarchy theory has proven to be the most intuitive and tractable vehicle for addressing complexity. By allowing researchers to look explicitly at only the entities and interconnections that are relevant to a specific research question, hierarchically informed data analysis has enabled a revolution in ecological understanding. With this new edition of Hierarchy, that revolution continues.
Life's Greatest Secret - Matthew Cobb 2015-07-07
Everyone has heard of the story of DNA as the story of Watson and Crick and Rosalind Franklin, but knowing the structure of DNA was only a part of a greater struggle to understand life’s secrets. Life’s Greatest Secret is the story of the discovery and cracking of the genetic code, the thing that ultimately enables a spiraling molecule to give rise to the life that exists all around us. This great scientific breakthrough has had farreaching consequences for how we understand ourselves and our place in the natural world, and for how we might take control of our (and life’s) future. Life’s Greatest Secret mixes remarkable insights, theoretical dead-ends, and ingenious experiments with the swift pace of a thriller. From New York to Paris, Cambridge, Massachusetts, to Cambridge, England, and London to Moscow, the greatest discovery of twentieth-century biology was truly a global feat. Biologist and historian of science Matthew Cobb gives the full and rich account of the cooperation and competition between the eccentric characters—mathematicians, physicists, information theorists, and biologists—who contributed to this revolutionary new science. And, while every new discovery was a leap forward for science, Cobb shows how every new answer inevitably led to new questions that were at least as difficult to answer: just ask anyone who had hoped that the successful completion of the Human Genome Project was going to truly yield the book of life, or that a better understanding of epigenetics or “junk DNA” was going to be the final piece of the puzzle. But the setbacks and unexpected discoveries are what make the science exciting, and it is Matthew Cobb’s telling that makes them worth reading. This is a riveting story of humans exploring what it is that makes us human and how the world works, and it is essential reading for anyone who’d like to explore those questions for themselves.
Undisciplining Knowledge - Harvey J. Graff 2015-08-01
Scholars across the disciplines, specialists in higher education, administrators, and interested readers will find the book’s multiple perspectives and practical advice on building and operating—and avoiding fallacies and errors—in interdisciplinary research and education invaluable.
The Chrysanthemums - John Steinbeck 1979
John Steinbeck [RL 7 IL 7-12] A woman shares her prize flowers with a dishonest vagrant and the results are shattering. Themes: vulnerability; exploitation. 34 pages. Tale Blazers.
Insect Diets - Allen Carson Cohen 2003-10-20
Many of the advances in entomology during the past century can be attributed to the ability to rear insects successfully on artificial diets. Reliance upon these diets dictates that we understand how and why diets

work and why they fail. Insect Diets: Science and Technology explains the intricacies and dynamics of this complex and misunderstood asp
Special Scientific Report - 1965

Appalachia - 1977

The Atlas of Breeding Birds in New York State - Robert F. Andrle 1988
This generously illustrated, easy-to-use reference gives instant information on 238 birds that are native to New York State. The core of the atlas is a series of accounts of each species, each account including a distribution map with possible, probable, or confirmed breeding. Facing each map is an explanatory page of text that covers a number of topics: abundance, historical and current distirbution, habitat, and nest description and location. On the same page is an illustration of the bird, often with its nest and young.
The Publishers Weekly - 1905

Annie Allen - Gwendolyn Brooks 1971
A loosely connected series of poems about Annie Allen, a Black girl growing up in Chicago. The first part, "Notes from the Childhood and Girlhood," provides glimpses into Annie's birth, her mother, and her responses to racism, killing, and death. "The Anniad," a mock heroic poem, describes Annie's dreams of a lover who goes to war, returns, marries and leaves her, and finally comes home to die. The last section, "The Womanhood," gives a broader view of Annie's outlook on the world and the things she wants to change in it.
Tropical Asian Streams - David Dudgeon 1999-01-01
This book deals with the ecology of rivers and streams in the Oriental Region, and describes the composition of their unique fauna - especially the diverse array of animals which live on and among the bottom sediments. Dichotomous keys are provided as an aid to the identification of these animals, and the book is illustrated by over 100 pages of line drawings and maps. Special emphasis is given to the impact of human activities on streams and rivers, and the book concludes with a discussion of conservation and management options for these endangered habitats.
How to Be Funny - Steve Allen 2010-11-02
No one knows more about comedy than Steve Allen. For more than five decades as a writer, performer, and keen observer of the social scene, he has looked into every aspect of who's funny, what's funny, and why. Allen shares his discoveries in How to Be Funny, the book designed to help everyone develop their special talent for funniness. Now reissued in paperback, How to Be Funny covers all the basics, including joke telling, ad-libbing, writing humorously, performing comedy, emceeing, and much more. Allen takes you inside the world of comedy, from the early writings of Mark Twain, to the more contemporary work of Rodney Dangerfield and Bill Maher. Allen even provides homework assignments for the budding comic! Yet How to Be Funny is far more than just a book for aspiring comedians it will help anyone who wants to be a more amusing conversationalist, a more effective public speaker, and everyone who just wants to be the life of the party.
NEET 2021 - 20 Practice Sets (Includes Solved Papers 2013-2020) - Gkp 2020-12-13
Students appearing for NEET cannot rely on conventional books and measures to crack this highly competitive entrance examination. In order to get rough the exam, practising in the right direction is very significant. That's why GKP has come up with 20 practice sets or NEET preparation to make your practice more efficient. In addition, completely solved papers from 2013 to 2020 have been provided for you to become familiar with the exam. The book will act as an indispensable tool for students searching for one stop solution to NEET prep. Features: - -Fully solved papers (2013-2020) - As per the exam pattern
American Journal of Tropical Diseases and Preventive Medicine - 1914

The Cleveland Herbal, Botanical, and Horticultural Collections - Holden Arboretum 1992

More than 970 rare books, dating from 1479 to 1830 and covering such categories as gardening, herbals, botanical books and landscape architecture are catalogued in this bibliography.

Microbiology - Nina Parker 2016-05-30

"Microbiology covers the scope and sequence requirements for a single-semester microbiology course for non-majors. The book presents the core concepts of microbiology with a focus on applications for careers in allied health. The pedagogical features of the text make the material interesting and accessible while maintaining the career-application focus and scientific rigor inherent in the subject matter. Microbiology's art program enhances students' understanding of concepts through clear and effective illustrations, diagrams, and photographs. Microbiology is produced through a collaborative publishing agreement between OpenStax and the American Society for Microbiology Press. The book aligns with the curriculum guidelines of the American Society for Microbiology."--BC Campus website.

Biological Anthropology - Craig Stanford 2011-11-21

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Discover the Best of Biological Anthropology: From its Earliest Foundations to its Most Current Innovations Biological Anthropology, 3/e is written to appeal to a wide range of students. It continues to build upon the strength and success of its first and second editions by integrating the foundations of the field with the most current innovations happening today. Over the past 40 years, biological anthropology has rapidly evolved from the study of physical anthropology into biological anthropology. Biological anthropology is now an integrative combination of information from the fossil record and the human skeleton, genetics of individuals and of populations, our primate relatives, human adaptation, and human behavior. The third edition of Biological Anthropology combines the most up-to-date, comprehensive coverage of the foundations of the field with modern innovations and discoveries. Teaching and Learning Experience Personalize Learning – MyAnthroLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructors achieve their goals. Improve Critical Thinking - Visual summaries, critical thinking questions, Insights and Advances boxes and author suggested readings found within each chapter encourage students to examine assumptions, discern hidden values, evaluate evidence, assess conclusions, and more! Engage Students - Woven into each chapter, student-oriented pedagogy, art, photos, and maps help students gain a better understanding of key material. Support Instructors – Teaching your course just got easier! You can Create a Customized Text or use our author reviewed Instructor’s Manual, Electronic “MyTest” Test Bank or PowerPoint Presentation Slides. Additionally, we offer fantastic bundling options for the lab portion of your course with our Method & Practice in Biological Anthropology: A Workbook and Laboratory Manual for Introductory Courses, or our Atlas of Anthropology. (Both able to be packaged at a significant discount!) Note: MyAnthroLab does not come automatically packaged with this text. To purchase MyAnthroLab, please visit: www.myanthrolab.com or you can purchase a valuepack of the text + MyAnthroLab (at no additional cost): VP ISBN-10: 0205179304 / VP ISBN-13: 9780205179305

Catalog of Copyright Entries. Third Series - Library of Congress. Copyright Office 1971

Competition Science Vision - 2004-10

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test

questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

An Introduction to Mathematical Biology - Linda J. S. Allen 2007

KEY BENEFIT: This reference introduces a variety of mathematical models for biological systems, and presents the mathematical theory and techniques useful in analyzing those models. Material is organized according to the mathematical theory rather than the biological application. Contains applications of mathematical theory to biological examples in each chapter. Focuses on deterministic mathematical models with an emphasis on predicting the qualitative solution behavior over time. Discusses classical mathematical models from population , including the Leslie matrix model, the Nicholson-Bailey model, and the Lotka-Volterra predator-prey model. Also discusses more recent models, such as a model for the Human Immunodeficiency Virus - HIV and a model for flour beetles. KEY MARKET: Readers seeking a solid background in the mathematics behind modeling in biology and exposure to a wide variety of mathematical models in biology.

North American Watersnakes - J. Whitfield Gibbons 2004

Many people fear snakes, and watersnakes in particular have one of the worst reputations of any snake found in North America. Some species are commonly mistaken for venomous cottonmouths, and a few may eat popular game fishes. Unfortunately, few people realize the important roles many watersnakes play in natural ecosystems and, consequently, they are still persecuted in many regions today. Seeking to overcome common misperceptions, J. Whitfield Gibbons and Michael E. Dorcas have compiled North American Watersnakes, the first comprehensive study of all fourteen species of watersnakes found in the United States, Canada, Mexico, and Cuba. Individual species accounts explore all aspects of the natural history of watersnakes in North America, including their behavior, physiology, life history, ecology, and conservation. Almost 100 color photographs accompany the text, illustrating all 14 species and nearly all subspecies. Supplementing the species accounts are detailed color maps depicting each species distribution and stunning black-and-white drawings by Peri Mason. Easy-to-use keys help readers to identify specimens at hand.

A Troublesome Inheritance - Nicholas Wade 2015-04-28

Drawing on startling new evidence from the mapping of the genome, an explosive new account of the genetic basis of race and its role in the human story Fewer ideas have been more toxic or harmful than the idea of the biological reality of race, and with it the idea that humans of different races are biologically different from one another. For this understandable reason, the idea has been banished from polite academic conversation. Arguing that race is more than just a social construct can get a scholar run out of town, or at least off campus, on a rail. Human evolution, the consensus view insists, ended in prehistory. Inconveniently, as Nicholas Wade argues in A Troublesome Inheritance, the consensus view cannot be right. And in fact, we know that populations have changed in the past few thousand years—to be lactose tolerant, for example, and to survive at high altitudes. Race is not a bright-line distinction; by definition it means that the more human populations are kept apart, the more they evolve their own distinct traits under the selective pressure known as Darwinian evolution. For many thousands of years, most human populations stayed where they were and grew distinct, not just in outward appearance but in deeper senses as well. Wade, the longtime journalist covering genetic advances for The New York Times, draws widely on the work of scientists who have made crucial breakthroughs in establishing the reality of recent human evolution. The most provocative claims in this book involve the genetic basis of human social habits. What we might call middle-class social traits—thrift, docility, nonviolence—have been slowly but surely inculcated genetically within agrarian societies, Wade argues. These “values” obviously had a strong cultural component, but Wade points to evidence that agrarian societies evolved away from hunter-gatherer societies in some crucial respects. Also controversial are his findings regarding the genetic basis of traits we associate with intelligence, such as literacy and numeracy, in certain ethnic populations, including the Chinese and Ashkenazi Jews. Wade believes deeply in the fundamental equality of all human peoples. He also believes that science is best

served by pursuing the truth without fear, and if his mission to arrive at a coherent summa of what the new genetic science does and does not tell us about race and human history leads straight into a minefield, then so be it. This will not be the last word on the subject, but it will begin a powerful and overdue conversation.

Mind and Cosmos - Thomas Nagel 2012-11-22

The modern materialist approach to life has conspicuously failed to explain such central mind-related features of our world as consciousness, intentionality, meaning, and value. This failure to account for something so integral to nature as mind, argues philosopher Thomas Nagel, is a major problem, threatening to unravel the entire naturalistic world picture, extending to biology, evolutionary theory, and cosmology. Since minds are features of biological systems that have developed through evolution, the standard materialist version of evolutionary biology is fundamentally incomplete. And the cosmological history that led to the origin of life and the coming into existence of the conditions for evolution cannot be a merely materialist history, either. An adequate conception of nature would have to explain the appearance in the universe of materially irreducible conscious minds, as such. Nagel's skepticism is not based on religious belief or on a belief in any definite alternative. In Mind and Cosmos, he does suggest that if the materialist account is wrong, then principles of a different kind may also be at work in the history of nature, principles of the growth of order that are in their logical form teleological rather than mechanistic. In spite of the great achievements of the physical sciences, reductive materialism is a world view ripe for displacement. Nagel shows that to recognize its limits is the first step in looking for alternatives, or at least in being open to their possibility.

The Law of Private Right - George Hugh Smith 1890

Physics Quick Books - DC Pandey 2021-02-21

1. The new Physics Quick Book is reference book Science students 2. This book provides quick short notes and important formulae for last minute preparation 3. Each chapter is covered with all the important formulae and concepts 4. This book for JEE, NEET & Class 11/12 exam Short notes for last minute revision are very important as we don’t have time to revise the entire syllabus. At the same time continuous revision of formulae and main concepts are equally important. Presenting, “Physics Quick Book” a reference book which is designed for the last minute preparation for JEE, NEET & Class 11/12 exam. It is divided into 22 different chapters, where every chapter is provided with quick short notes and listed with important formulae so that no student should skip any important chapter. Emphasizing on each chapter covers all the important formulae, concepts in a lucid and concise manner. This is a must have book for the quick revision at the last moment. TOC General Physics, Kinematics I, Kinematics II, Laws of Motion, Work, Power and Energy, Circular Motion, Centre of Mass, Momentum and Impulse, Rotational motion, Gravitation. Properties of Solid Fluid Mechanics, Simple Harmonic Motion, Wave Motion, Heat and Thermodynamics, Ray Optics, Wave Optics, Electrostatistics, Current Electricity, Magnetic Effects of Current & Magnetism, Electromagnetic Introduction and Altering Current, Modern Physics, Semiconductors

Michael Allen's 2009 E-Learning Annual - Michael W. Allen 2009-03-16

This is the latest addition to the Pfeiffer Annual series, first published in 1972. The field of E-Learning has experienced dramatic and turbulent growth. Over time, as technology has improved and the method's real capabilities have emerged, E-Learning has gained widespread acceptance and is now the fastest growing sector of corporate learning. The Pfeiffer Annual: E-Learning, edited by the peerless Michael Allen, presents an eclectic mix of content that spans the full spectrum of technology-based learning. Year on year, the annual will discuss emerging trends; showcase E-Learning innovation; present contemporary- and best-practices; tackle big-picture, strategic issues; and provide a host of useful tips and techniques. Additional content will be available on the web at a project-specific URL.

Basic Anatomy: A Laboratory Manual - B. L. Allen 1987

Designed for undergraduate courses emphasizing human anatomy and using the cat for dissection, this popular manual (organized by system)

offers exercises that highlight the differences and similarities between feline and human anatomy.

Why Trust Science? - Naomi Oreskes 2021-04-06

Why the social character of scientific knowledge makes it trustworthy Are doctors right when they tell us vaccines are safe? Should we take climate experts at their word when they warn us about the perils of global warming? Why should we trust science when so many of our political leaders don't? Naomi Oreskes offers a bold and compelling defense of science, revealing why the social character of scientific knowledge is its greatest strength—and the greatest reason we can trust it. Tracing the history and philosophy of science from the late nineteenth century to today, this timely and provocative book features a new preface by Oreskes and critical responses by climate experts Ottmar Edenhofer and Martin Kowarsch, political scientist Jon Krosnick, philosopher of science Marc Lange, and science historian Susan Lindee, as well as a foreword by political theorist Stephen Macedo.

The Hand Book of Chemistry - William Raleigh Baxter 1843

A Preliminary Bibliography with KWIC Index on the Ecology of Estuaries and Coastal Areas of the Eastern United States - Robert Livingstone 1965

Mammals of the Southeastern United States - Troy L. Best 2020-08-25

First comprehensive account of the mammals of the entire southeastern US The southeastern United States is home to a remarkable and diverse mammalian fauna that is a significant part of the region’s rich natural heritage. Mammals of the Southeastern United States presents accounts of 137 species that currently or previously occurred in the Southeast. Although accessible and useful for the generalist, this book provides an up-to-date compilation of basic knowledge about native and nonnative mammals of the region that is suitable for students of all ages and for professional mammalogists and biologists alike. This volume profiles common species like the eastern gray squirrel, the white-tailed deer, and the Virginia opossum, but also includes among its accounts many extant species, such as the jaguar and porcupine, that once occurred in the region; native species, like the Caribbean monk seal, that are now extinct; native species that have been extirpated, or wiped out, from all or part of the region, such as the red wolf, cougar, American bison, and elk; and many introduced species, including the Mexican mouse opossum, common squirrel monkey, and capybara. Each species account includes full-color images of the animal, plates featuring at least three views of its skull, color distribution maps of its approximate geographic range in the Southeast and in North America, and an up-to-date synthesis of several aspects of its biology, including habitat, diet, predators, parasites, diseases, and behaviors. An introductory chapter on conservation summarizes the current status of mammalian populations in the region and provides insight into some of the threats mammals now encounter in the Southeast.

Sea Grant Publications Index - 1977

Mammals of Mexico - Gerardo Ceballos 2014-01-15

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.

Butterfly Biology Systems - Roger L.H. Dennis 2020-10-07

In Butterfly Biology Systems Roger Dennis explores key topics and

contentious issues in butterfly biology, specifically those in life history and behaviour. Uniquely, using a systems approach, the book focuses on the degree of integration and feedback between components and elements affecting each issue, as well as the links between different issues. The book comprises four sections. The first two sections introduce the reader to principles and approaches for investigating complex relationships, and provide a platform of knowledge on butterfly biology. The final two sections deal in turn with life history and behaviour, covering key issues affecting different stages of development from eggs to adults.