The Secret Life of Science Oct 21 2020 A revealing and provocative look at the current state of global science. We take the advance of science as given. But how does science really work? Is it truly as healthy as we tend to think? How does the system itself shape what scientists do? The Secret Life of Science takes a clear-eyed and provocative look at the current state of global science. Shedding light on a cutthroat and tightly tensioned enterprise that even scientists themselves often don’t fully understand. The Secret Life of Science is a dispatch from the front lines of modern science. It paints a startling picture of a complex scientific ecosystem that has become the most competitive free-market environment on the planet. It reveals how big this ecosystem really is, what motivates its participants, and who reaps the rewards. Are there too few scientists in the world or too many? Are some fields expanding at the expense of others? What is the future of science? Answering these and other questions, this controversial book explains why globalization is not necessarily good for science, nor is the continued growth in the number of scientists. It portrays a scientific community engaged in a race for limited resources that determines whether careers are lost or won, whose research visions become the mainstream, and whose vested interests end up in control. The Secret Life of Science explains why this hypercompetitive environment is stifling the diversity of research and the resiliency of science itself, and why new ideas are needed to ensure that the scientific enterprise remains healthy and vibrant.

The Hidden Half of Nature: The Microbial Roots of Life and Health Feb 05 2022 "Sure to become a game-changing guide to the future of good food and healthy landscapes." —Dan Barber, chef and author of The Third Plate Prepare to set aside what you think you know about yourself and microbes. The Hidden Half of Nature reveals why good health—for people and for plants—depends on Earth’s smallest creatures. Restoring life to their barren yard and recovering from a health crisis, David R. Montgomery and Anne Biklé discover astounding parallels between the botanical world and our own bodies. From garden to gut, they show why cultivating beneficial microbiomes holds the key to transforming agriculture and medicine.

This Outside Life Jul 18 2020 Step Into Wonder Has your breath ever caught at the sight of a sunset? Have you ever stopped in your tracks to listen to a birdsong? When was the last time you stood in awe of the world around you? If it’s been so long you can’t remember, living life at a sprint might be leaving you nature blind. If you’re feeling stressed, disconnected from God, and disenchanted with life, this book will help you find solace for your scattered soul. Through storytelling, practical application, and reflective questions, Laurie Kehler invites you on a journey of discovery to... escape the crazy and reset your spiritual compass to explore pathways of peace seek connections with nature and others—starting in your own backyard. Recognize God’s work in creation and in your life as you live in expectation of his promises. Are you ready to set out on a new kind of adventure? Consider this your trail guide for uncovering God’s signposts in the world and revealing his fingerprints on your life.

This Nature of Man, Life and Humanity Jun 09 2022 The Nature of Man, Life and Humanity tells the story of the cosmos, Sun and Earth: the evolution of mankind expanding across the continents, the tools that aided us, the cultural networks that brought us together, the spirituality that answered what we didn’t understand. Along the way we began thinking that technology could solve all of our problems; our nature connection became a thing of the past. Mankind began a struggle against nature as brutal as the wars we perpetrated amongst ourselves, a war taking place in the air and water with the degradation of the land, the annihilation of ecosystems and biodiversity, concluding with the consumption of Earth itself. Climate stability is collateral damage as the human population continues to explode. While much of the environmental discourse currently focuses on climate change, this story is also about the issues regarding air, water, topsoil, biodiversity, energy and natural resources, and how mankind is attacking each of these areas with equal disregard. A Native Earth Society believes that man must coexist with nature, that by living more relevant, respectful and simple lives the human species can restore our well-being and our future. How much are we willing to give up for our children’s children so they will have the chance to follow their dreams? The need to restrict continuous economic growth will be opposed by many, but our ultimate survival will be determined by how many of us choose to do what is right. Ultimately, this is a story about why we must and how we can change the way we live. Our children’s children are counting on us to act now, reducing our numbers, changing our wasteful behavior, being selective about what we consume and how much we waste.

Death and Life of Nature in Asian Cities Jul 30 2021 Death and Life of Nature in Asian Cities explores the encounter between two processes that are unfolding in diverse patterns across Asia—the rapid urbanization of Asia across big cities, smaller towns, and the newest urban concentrations; and the contentious debates and novel schemes by which nature is figured and emplaced in cities and their conurbations. Contemporary Asian cities displace nature by causing its death and withering, but also embrace it through acts of renewal and the pursuit of sustainability. Contributors in this volume gather case studies from across Asia to address projects of urban greening and reimagining nature in urban life. The book illustrates how the intersection of urban growth and urban nature is a place rich with fresh ideas about urban planning, governance, and social life. This book illuminates a continuing process of discovery and regeneration through which urban nature may well be moving from taken-for-granted infrastructures to more consciously experienced sites of interplay between non-human life and materials, and daily human life experiences. Debates and efforts to recover nature in the city provoke moral and ethical evaluations of the human ecology of city life, and direct ecologies of urbanism into new avenues like aesthetics, care, perception, and stewardship. “This fascinating collection of essays brings together a series of cutting-edge insights into Asian cities caught in the maelstrom of global environmental change. A particular strength of this book is its commitment to forms of interdisciplinary dialogue and conceptual engagement that unsettle existing...
geographies of knowledge.” —Matthew Gandy, University of Cambridge; author of Natura Urbana: Ecological Constellations in Urban Space “This impressive collection on urban ecologies moves beyond the anthropocentric city to expand our understanding of cities as multispecies spaces of active collaboration, decay, and regeneration, offering new possibilities for the flourishing of urban life—both human and non-human—and the design of more just and sustainable cities for all.” —Christina Schwenkel, University of California, Riverside; author of Building Socialism: The Afterlife of East German Architecture in Urban Vietnam

The Nature of Life Aug 11 2022 First published in 1961, this book explains the main trends and problems in modern biological thought, at that time. It was based on lectures presented at the University of California, Riverside in 1960 to members from different faculties and is therefore an accessible guide for all the subject.

Tropical Nature Nov 14 2022 Seventeen marvelous essays introducing the habitats, ecology, plants, and animals of the Central and South American rainforest. A lively, lucid portrait of the tropics as seen by two uncommonly observant and thoughtful field biologists. Its seventeen marvelous essays introduce the habitats, ecology, plants, and animals of the Central and South American rainforest. A lengthy appendix of practical advice for the tropical traveler.

Shadows Jun 28 2021 What's the difference between a cast shadow and a form shadow? Why do shadows become increasingly important in Western art and culture? Can shadows improve our health? Do shadows connect us with the gods, as Plato claimed? In this beautiful little book, printmaker and History of Art Professor William Vaughan presents the history of shadows, from their emergence in the visual arts to their association with death and the subconscious. Get ready! You may never look at the world the same way again! WOODEN BOOKS. Small books, BIG ideas. Tiny but packed with information. "Stunning" NEW YORK TIMES. "Fascinating" FINANCIAL TIMES. "Beautiful" LONDON REVIEW OF BOOKS. "Rich and Artful" THE LANCET. "Genuinely mind-expanding" FORTEAN TIMES. "Excellent" NEW SCIENCE WRITER. "Beautiful" THE TIMES. "Stunning" THE TIMES. "A tour de force" WOODEN BOOKS. "A masterpiece" THE TIMES. "A work of art" WOODEN BOOKS.
must-read for parents” (the Boston Globe), and “an inch-thick caution against raising the fully automated child” (the New York Times). His follow-up book, The Nature Principle, addressed the needs of adults and outlined a “new nature movement and its potential to improve the lives of all people no matter where they live” (McCullough, The New York Times). Vitamin N is a one-of-a-kind, comprehensive, and practical guidebook for the whole family and the wider community, including tips not only for parents eager to share nature with their kids but also for those seeking nature-smart schools, medical professionals, and even careers. It is a dose of pure inspiration, reminding us that looking up at the stars or taking a walk in the woods is as exhilarating as it is essential, at any age. The Traces May 08 2022 A journey through the fascinating edgeland where nature and crime are intertwined. A Third Window Nov 02 2021 Written by a highly accredited scientist, this book offers a compelling and original alternative to outdated approaches to the life sciences. It presents a metaphysical basis for living systems that significantly mitigates several purported conflicts between science and religion. The Beatrice Potter Feb 22 2021 Peter Rabbit, Mr. McGregor, and many other Beatrix Potter characters remain in the hearts of millions. However, though Potter is a household name around the world, few know the woman behind the illustrations. Her personal life, including a romantic relationship with her publisher, Norman Warne, and her significant time spent outside of literature remains largely unknown. In Linda Lear’s enchanting new biography, we get the life story of this incredible, funny, and independent woman. As one of the first female naturalists in the world, Potter brought the beauty and importance of nature back into the imagination at a time when plunder was more popular than preservation. Through her art she sought to encourage conservation and change the world. With never before seen illustrations and intimate detail, Lear goes beyond our perennial fascination with Potter as a writer and illustrator of children’s books, and delves deeply into the life of a most unusual and gifted woman—one whose art was timeless, and whose generosity left an indelible imprint on the countryside. Biology and Human Life Mar 14 2020 Scientist Dec 23 2020 A masterful, timely, fully authorized biography of the great and hugely influential biologist and naturalist E. O. Wilson, one of the most ground-breaking and controversial scientists of our time—from the Pulitzer Prize-winning author of The Making of the Atomic Bomb “An impressive account of one of the 20th century’s most prominent biologists, for whom the natural world is “a sanctuary and a realm of boundless adventure, the fewer the people in it, the better.” — The New York Times Book Review Few biologists in the long history of that science have been as productive, as ground-breaking and as controversial as the Alabama-born Edward Osborne Wilson. At 91 years of age he may be the most eminent American scientist in any field. Fascinated from an early age by the natural world in general and ants in particular, his field work on them and on all social insects has vastly expanded our knowledge of their many species and fascinating ways of being. This work led to his 1975 book Sociobiology, which created an intellectual firestorm from his contention that all animal behavior, including that of humans, is governed by the laws of evolution and genetics. Subsequently Wilson has become a leading voice on the crucial importance to all life of biodiversity and has worked tirelessly to synthesize the fields of science and the humanities in a fruitful way. Richard Rhodes is himself a towering figure in the field of science writing and he has had complete and unfettered access to Wilson, his associates, and his papers in writing this book. The result is one of the most accomplished and anticipated and urgently needed scientific biographies in years. I Am Simple Natural Life: Your Guide to Taking Practical Steps to Lead a More Natural Life May 16 2020 Do you feel a disconnect between your life and nature? Is there a jarring or a piece of the jigsaw missing that you just can’t quite remove from the natural world? Do you want to make changes that will benefit the environment and also bring you closer to nature? Do you wish you could live a more aligned with nature but just don’t know where to start? I Am Simple Natural Life will take you on a journey to help you realign your life more closely with the natural world. From practical tips of using less plastic and making your own bathroom cleaners, through to eating and living more seasonally, to the benefits of incorporating holistic practices into your everyday life. I Am Simple Natural Life is the perfect blend of wider, holistic connection and lifestyle change. And with practical tips from your everyday world. Lifestyle and Nature Jul 06 2019 Environmental constraints are becoming increasingly severe, and now more than ever it is time that we confront head-on the change from an "underground resources" type of civilization to one with a new way of life and technology that embraces a sense of nature. To do so, we need to understand the process of the civilization change. We must change our way of thinking to backcasting in order to design future lifestyles and learn from the elderly who lived with nature under severe environmental constraints more than 70 years ago. We must also learn from nature directly, the only sustainable society on earth. This book introduces Bio-TRIZ and ontology engineering to match and find technologies needed for spiritually affluent lifestyles. It provides many examples of Japanese cities that conducted lifestyle design projects based on nature technology. The book is a great reference for graduate-level students of environmental studies and engineering and for researchers in innovation, social science, engineering, and public policy, especially those with an interest in lifestyle change for a sustainable society. Life and Habit Mar 26 2021 A Wilder Life Feb 11 2020 In our technology-driven, workaday world, connecting with nature has never been more essential. A Wilder Life, a beautiful oversized lifestyle book by the team behind the popular Wilder Quarterly, gives readers indispensable ideas for interacting with the great outdoors. Learn to plant a night-blooming garden, navigate by reading the stars, build an outdoor shelter, make dry shampoo, identify insects, cultivate butterflies in a backyard, or tint your clothes with natural dyes. Like a modern-day Whole Earth Catalog, A Wilder Life gives us DIY projects and old-world skills that are being reclaimed by a new generation. Divided into sections pertaining to each season and covering self-reliance, growing and gardening, cooking, health and beauty, and wilderness, and with photos and illustrations evocative of the great outdoors, A Wilder Life shows that getting in touch with nature is possible no matter who you are—and—more important—where you are. John Muir Aug 31 2021 A biography of the man known as "father of America’s national parks" and an influential conservationist, told in the first person, using Muir’s own words. Nature Obscura Nov 21 2020 With wonder and a sense of humor, Nature Obscura author Kelly Brenner aims to help us rediscover our connection to the natural world that is just outside our front door—just need to open our eyes and start using our ears. These explorations of a rich and varied urban landscape, Brenner reveals the complex micro-habitats and surprising nature found in the middle of a city. In her hometown of Seattle, which has plowed down hills, cut through the land to connect fresh- and saltwater, and paved over much of the rest, she exposes a diverse range of strange and unknown creatures. From shore to wetland, forest to neighborhood park, and graveyard to backyard, Brenner uncovers how our land alterations have impacted nature, for good and bad, through the wildlife and plants that live alongside us, often unseen. These stories meld together, in the same way our ecosystems, species, and human history are interconnected across the urban landscape. Natural Life Mar 06 2022 Explains why, 150 years after the publication of Walden, this key work of Henry David Thoreau remains fascinating and important, in an in-depth look at the life of the author and his ideas on personal growth, with special interest paid to the later phases of his career. Men of the Old Stone Age Aug 07 2019 Back to Nature Jan 04 2022 'Rousing, polemical and heartfelt' - Gardens Illustrated 'An invitation to take action' - The Observer One thing has become clear this year - we need nature more than ever. And it needs us too. From our balconies and gardens to our woodlands, national parks and beyond, Back to Nature captures the essence of how we feel about the wildlife outside our windows. Through personal stories, conservation breakthroughs and scientific discoveries, it explores the wonder and the solace of nature, and the ways in which we can connect with it - and protect it. The Biology of Human Survival Aug 19 2020 The range of environments in which people can survive is extensive, yet most of the natural world cannot support human life. The Biology of Human Survival identifies the key determinants of life or death in extreme environments from a physiologist’s perspective, integrating modern concepts of stress, tolerance, and adaptation into explanations of life under Nature’s most austere conditions. The book examines how individuals survive when faced with extremes of immersion, heat, cold or altitude, emphasizing the body’s recognition of stress and the brain’s role in optimizing physiological function in order to provide time to escape or to adapt. In illustrating how human biology adapts to
extremes, the book also explains how we learn to cope by blending behavior and biology, first by trial and error, then by rigorous scientific observation, and finally by technological innovation. The book describes life-support technology and how it enables humans to enter once unendurable realm, from the depths of the ocean to the upper reaches of the atmosphere and beyond. Finally, it explores the role that advanced technology might play in special environments of the future, such as long journeys into space.

The Outdoor Life of Children Oct 09 2019 Book Number Two in the Charlotte Mason Topics series, The Outdoor Life of Children is a compilation of Charlotte Mason's writings on the topics of Nature Study, teaching natural philosophy, and the importance of children being out-of-doors. Now all of Charlotte Mason's writings on Nature Study and the outdoors (from the original six-volume set) are located in this one, easy-to-use volume. The teachings and philosophies of Charlotte Mason, a British educator from the last century, are currently experiencing a revival, especially among American private and home schools. Mason's educational ideas were originally used by governesses in England to educate the children in their charge. Eventually, schools based on her philosophies sprung up throughout England, and her original training school became a college to supply teachers for the Parents' Union Schools throughout the world. Mason developed a lifetime love of learning in her students by actively engaging children firsthand with nature, literature, science, history, art, music, and avoiding dumbed-down materials - what she referred to as twaddle - as much as possible. The content of The Outdoor Life of Children was compiled and adapted by Deborah Taylor-Hough, long time homeschooling mother of three, author of A Twaddle-Free Education: An Introduction to Charlotte Mason’s Timeless Educational Ideas, and editor of the Charlotte Mason eMagazine. CONTENTS INCLUDE: Knowledge Through Senses Out-of-Door Geography Flowers and Trees 'Living Creatures' Field-Lore and Naturalists' Books Walks in Bad Weather Teaching Natural Philosophy ... and more! From the Foreword: "Nature Study is the backbone of introductory natural sciences in Charlotte Mason style homes and school, but Mason also felt it was beneficial for children to spend a great deal of time out-of-doors for their physical, emotional, and spiritual health. "In spite of often rainy, inclement weather, Charlotte Mason insisted on going out once-a-week for an official Nature Walk, allowing the children to experience and observe the natural environment firsthand. These excursions were nature walks, not nature talks. "In addition to the weekly Nature Walks, Mason also recommended children spend large quantities of time outside each day, no matter what the weather. Take a daily walk for fun and fresh air. "I want to encourage those of you who don't have your own fields and forests, there are other readily available opportunities for outdoor play and learning activities. Basically, go outside with your kids as much as you can. You'll all be healthier and happier, and you may even learn a thing or two in the process." ~Deborah Taylor-Hough, Seattle 2015 The Outdoor Life of Children: The Importance of Nature Study and Outside Activities is available in both paperback and Kindle ebook formats.

The Nature of Life and Death Oct 13 2022 A riveting blend of science writing and true-crime narrative that explores the valuable but often shocking interface between crime and nature—and the secrets each can reveal about the other—from a pioneer in forensic ecology and a trailblazing female scientist. From mud tracks on a quiet country road to dirt specks on the soles of walking boots, forensic ecologist Patricia Wiltshire uses her decades of scientific expertise to find often-overlooked clues left behind by criminal activity. She detects evidence and eliminates hypotheses armed with little more than a microscope, eventually developing a compelling thesis of the who, what, how, and when of a crime. Wiltshire's remarkable accuracy has made her one of the most in-demand police consultants in the world, and her curiosity, humility, and passion for the truth have guided her every step of the way. A riveting blend of science writing and true-crime narrative, The Nature of Life and Death details Wiltshire's unique journey from college professor to crime fighter: solving murders, locating corpses, and exonerating the falsely accused. Along the way, she introduces us to the unseen world all around us and underneath our feet: plants, animals, pollen, spores, fungi, and microbes that we move through every day. Her story is a testament to the power of persistence and reveals how our relationship with the vast natural world reaches far deeper than we might think.

A Passion for Nature Sep 19 2020 A definitive biography traces the life of John Muir from his boyhood in Scotland up to his death on the eve of World War I and offers important insights into the passionate nature of America's first great conservationist and founder of the Sierra Club.