

The Diversity Of Life Edward O Wilson

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A Celebration of the Cairngorm Mountains of Scotland Edward Elgar Publishing

Thirty years ago Bill McKibben offered one of the earliest warnings about climate change. Now he broadens the warning: the entire human game, he suggests, has begun to play itself out. Bill McKibben's groundbreaking book *The End of Nature* -- issued in dozens of languages and long regarded as a classic -- was the first book to alert us to global warming. But the danger is broader than that: even as climate change shrinks the space where our civilization can exist, new technologies like artificial intelligence and robotics threaten to bleach away the variety of human experience. Falter tells the story of these converging trends and of the ideological fervor that keeps us from bringing them under control. And then, drawing on McKibben's experience in building 350.org, the first truly global citizens movement to combat climate change, it offers some possible ways out of the trap. We're at a bleak moment in human history -- and we'll either confront that bleakness or watch the civilization our forebears built slip away. Falter is a powerful and sobering call to arms, to save not only our planet but also our humanity.

Social Science and Conversation Analysis Vintage CD-ROM contains high resolution digital images of most of the type species.

Black Like Me W. W. Norton & Company

The author, a professor of entomology at Harvard, looks back on his life, education, and career, and discusses his work.

The Promise of the New South Henry Holt and Company

Discusses the formation of fossils, describes how they are used by scientists to reconstruct the history of the earth, and offers guidance on starting a fossil collection

Thoughts of a Citizen-Scientist Penguin

The book that launched a movement: "Wilson speaks with a humane eloquence which calls to us all" (Oliver Sacks). Called "one of the greatest men alive" by The Times of London, E. O. Wilson proposes an historic partnership between scientists and religious leaders to preserve Earth's rapidly vanishing biodiversity.

Harvey Sacks W. W. Norton & Company

New York Times Bestseller From the most celebrated heir to Darwin comes a groundbreaking book on evolution, the summa work of Edward O. Wilson's legendary career. Sparking vigorous debate in the sciences, *The Social Conquest of Earth* upends "the famous theory that evolution naturally encourages

creatures to put family first" (Discover).

Refashioning the story of human evolution, Wilson draws on his remarkable knowledge of biology and social behavior to demonstrate that group selection, not kin selection, is the premier driving force of human evolution. In a work that James D. Watson calls "a monumental exploration of the biological origins of the human condition," Wilson explains how our innate drive to belong to a group is both a "great blessing and a terrible curse" (Smithsonian). Demonstrating that the sources of morality, religion, and the creative arts are fundamentally biological in nature, the renowned Harvard University biologist presents us with the clearest explanation ever produced as to the origin of the human condition and why it resulted in our domination of the Earth's biosphere.

Half-Earth: Our Planet's Fight for Life

HarperCollins

Collects Darwin's four seminal works in a slipcase, introduced and edited by a two-time Pulitzer Prize-winning Harvard professor, and includes an index that links Darwinian evolutionary concepts to contemporary biological beliefs.

Life After Reconstruction - 15th Anniversary Edition Yale University Press

Focusing on the interrelationship of wild nature and human nature, a collection of short writings and essays explores "Animal Nature, Human Nature," "The Patterns of Nature," and "Nature's Abundance"

E. O. Wilson: A Life in Nature W. W. Norton & Company

Pulitzer Prize-winning biologist Edward O. Wilson imparts the wisdom of his storied career to the next generation. Edward O. Wilson has distilled sixty years of teaching into a book for students, young and old. Reflecting on his coming-of-age in the South as a Boy Scout and a lover of ants and butterflies, Wilson threads these twenty-one letters, each richly illustrated, with autobiographical anecdotes that illuminate his career--both his successes and his failures--and his motivations for becoming a biologist. At a time in human history when our survival is more than ever linked to our understanding of science, Wilson insists that success in the sciences does not depend on mathematical skill, but rather a passion for finding a problem and solving it. From the collapse of stars to the exploration of

rain forests and the oceans' depths, Wilson instills a love of the innate creativity of science and a respect for the human being's modest place in the planet's ecosystem in his readers.

Diversity, Distribution, and Abundance Harvard University Press

Robert H. MacArthur and Edward O. Wilson's *The Theory of Island Biogeography*, first published by Princeton in 1967, is one of the most influential books on ecology and evolution to appear in the past half century. By developing a general mathematical theory to explain a crucial ecological problem--the regulation of species diversity in island populations--the book transformed the science of biogeography and ecology as a whole. In *The Theory of Island Biogeography Revisited*, some of today's most prominent biologists assess the continuing impact of MacArthur and Wilson's book four decades after its publication. Following an opening chapter in which Wilson reflects on island biogeography in the 1960s, fifteen chapters evaluate and demonstrate how the field has extended and confirmed--as well as challenged and modified--MacArthur and Wilson's original ideas. Providing a broad picture of the fundamental ways in which the science of island biogeography has been shaped by MacArthur and Wilson's landmark work, *The Theory of Island Biogeography Revisited* also points the way toward exciting future research.

The Origins of Creativity W. W. Norton & Company

"Brimming with ideas. . . . The Origins of Creativity approach[es] creativity scientifically but sensitively, feeling its roots without pulling them out."--Economist In a stirring exploration of human nature recalling his foundational work *Consilience*, Edward O. Wilson offers a "luminous" (Kirkus Reviews) reflection on the humanities and their integral relationship to science. Both endeavors, Wilson argues, have their roots in human creativity--the defining trait of our species. By studying fields as diverse as paleontology, evolution, and neurobiology, Wilson demonstrates that creative expression began not 10,000 years ago, as we have long assumed, but more than 100,000 years ago in the Paleolithic Age. A provocative investigation into what it means to be human, *The Origins of Creativity* reveals how the humanities have played an unexamined role in defining our species. With the eloquence, optimism, and pioneering inquiry we have come to expect from our leading biologist, Wilson proposes a transformational "Third Enlightenment" in which the blending of science and humanities will enable a deeper understanding of our human condition, and how it ultimately originated.

The Living Mountain Princeton University Press
Scientists and policymakers must work together if solutions to the biodiversity crisis are to be found. Yet all too often, scientific data are unknown or incomprehensible to policymakers, and political realities are not fully appreciated by

scientists. *Environmental Policy and Biodiversity* addresses that problem by presenting both an overview of important concepts in the field of conservation biology and an examination of the strengths and limitations of the policymaking process. Topics covered include: the ethical and scientific bases of conservation biology the effectiveness of existing environmental policy in protecting biodiversity case studies from California, the Great Lakes region, southern Appalachia, and the Florida panhandle an examination of overall environmental policy goals and processes Featuring provocative and clearly argued essays from a range of disciplines, *Environmental Policy and Biodiversity* provides resource professionals with valuable insight into conservation issues, and can serve as a useful tool in both graduate and undergraduate courses in conservation biology and environmental policy.

Washington Island Press

The crucial importance of biodiversity law to future human welfare is only now being fully appreciated. This wide-ranging Handbook presents a range of perspectives from leading international experts reflecting up-to-date research thinking on the vital subject of biodiversity and its interaction with law. Through a rigorous examination of the principles, procedures and practices that characterise this area of law, this timely volume effectively highlights its objectives, implementation, achievements, and prospects. More specifically, the work addresses the regulatory challenges posed by the principal contemporary threats to biological diversity, the applicable general principles of international environmental law and the visions, values and voices that are shaping the development of the law. Presenting thematic rather than regime-based coverage, the editors demonstrate the state-of-the-art of current research and identify future research needs and directions. This comprehensive and authoritative Handbook will be an indispensable resource for legal scholars, students and practitioners alike.

A Life Belknap Press

Many appreciate Richard P. Feynman's contributions to twentieth-century physics, but few realize how engaged he was with the world around him--how deeply and thoughtfully he considered the religious, political, and social issues of his day. Now, a wonderful book--based on a previously unpublished, three-part public lecture he gave at the University of Washington in 1963--shows us this other side of Feynman, as he expounds on the inherent conflict between science and religion, people's distrust of politicians, and our universal fascination with flying saucers, faith healing, and mental telepathy. Here we see Feynman in top form: nearly bursting into a Navajo war chant, then pressing for an overhaul of the English language (if you want to know why Johnny can't read, just look at the spelling of "friend"); and, finally, ruminating on the

death of his first wife from tuberculosis. This is quintessential Feynman—reflective, amusing, and ever enlightening.

A Dominant, Hyperdiverse Ant Genus Doubleday National Book Award Finalist. How did humanity originate and why does a species like ours exist on this planet? Do we have a special place, even a destiny in the universe? Where are we going, and perhaps, the most difficult question of all, "Why?" In *The Meaning of Human Existence*, his most philosophical work to date, Pulitzer Prize-winning biologist Edward O. Wilson grapples with these and other existential questions, examining what makes human beings supremely different from all other species. Searching for meaning in what Nietzsche once called "the rainbow colors" around the outer edges of knowledge and imagination, Wilson takes his readers on a journey, in the process bridging science and philosophy to create a twenty-first-century treatise on human existence—from our earliest inception to a provocative look at what the future of mankind portends. Continuing his groundbreaking examination of our "Anthropocene Epoch," which he began with *The Social Conquest of Earth*, described by the *New York Times* as "a sweeping account of the human rise to domination of the biosphere," here Wilson posits that we, as a species, now know enough about the universe and ourselves that we can begin to approach questions about our place in the cosmos and the meaning of intelligent life in a systematic, indeed, in a testable way. Once criticized for a purely mechanistic view of human life and an overreliance on genetic predetermination, Wilson presents in *The Meaning of Human Existence* his most expansive and advanced theories on the sovereignty of human life, recognizing that, even though the human and the spider evolved similarly, the poet's sonnet is wholly different from the spider's web. Whether attempting to explicate "The Riddle of the Human Species," "Free Will," or "Religion"; warning of "The Collapse of Biodiversity"; or even creating a plausible "Portrait of E.T.," Wilson does indeed believe that humanity holds a special position in the known universe. The human epoch that began in biological evolution and passed into pre-, then recorded, history is now more than ever before in our hands. Yet alarmed that we are about to abandon natural selection by redesigning biology and human nature as we wish them, Wilson soberly concludes that advances in science and technology bring us our greatest moral dilemma since God stayed the hand of Abraham.

Alabama's Surprising Biodiversity Liveright Publishing

An account of how the living world became diverse and how humans are destroying that diversity traces the processes that create new species and identifies the events that have disrupted evolution over the past six hundred million years.

Southern Wonder Island Press

This American classic has been corrected

from the original manuscripts and indexed, featuring historic photographs and an extensive biographical afterword.

Pheidole in the New World Oxford University Press

From the author of *Alexander Hamilton*, the *New York Times* bestselling biography that inspired the musical, comes a gripping portrait of the first president of the United States. Winner of the 2011 Pulitzer Prize for Biography "Truly magnificent . . . [a] well-researched, well-written and absolutely definitive biography" —Andrew Roberts, *The Wall Street Journal* "Until recently, I'd never believed that there could be such a thing as a truly gripping biography of George Washington . . . Well, I was wrong. I can't recommend it highly enough—as history, as epic, and, not least, as entertainment." —Hendrik Hertzberg, *The New Yorker* Celebrated biographer Ron Chernow provides a richly nuanced portrait of the father of our nation and the first president of the United States. With a breadth and depth matched by no other one volume biography of George Washington, this crisply paced narrative carries the reader through his adventurous early years, his heroic exploits with the Continental Army during the Revolutionary War, his presiding over the Constitutional Convention, and his magnificent performance as America's first president. In this groundbreaking work, based on massive research, Chernow shatters forever the stereotype of George Washington as a stolid, unemotional figure and brings to vivid life a dashing, passionate man of fiery opinions and many moods. Lin-Manuel Miranda's smash Broadway musical *Hamilton* has sparked new interest in the Revolutionary War and the Founding Fathers. In addition to *Alexander Hamilton*, the production also features George Washington, Thomas Jefferson, James Madison, Aaron Burr, Lafayette, and many more.

Genesis: The Deep Origin of Societies Liveright Publishing

The Diversity of Life W. W. Norton & Company

The Theory of Island Biogeography Revisited Academic Press

A masterful, timely, fully authorized biography of the great and hugely influential biologist and naturalist E. O. Wilson, one of the most groundbreaking 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.