

Into The Jungle Sean Carroll

Now the subject of a feature film that the New York Times calls "spellbinding" How does life work? How does nature produce the right numbers of zebras and lions on the African savanna, or fish in the ocean? How do our bodies produce the right numbers of cells in our organs and bloodstream? In *The Serengeti Rules*, award-winning biologist and author Sean Carroll tells the stories of the pioneering scientists who sought the answers to such simple yet profoundly important questions, and shows how their discoveries matter for our health and the health of the planet we depend upon. One of the most important revelations about the natural world is that everything is regulated—there are rules that regulate the amount of every molecule in our bodies and rules that govern the numbers of every animal and plant in the wild. And the most surprising revelation about the rules that regulate life at such different scales is that they are remarkably similar—there is a common underlying logic of life. Carroll recounts how our deep knowledge of the rules and logic of the human body has spurred the advent of revolutionary life-saving medicines, and makes the compelling case that it is now time to use the Serengeti Rules to heal our ailing planet. A bold and inspiring synthesis by one of our most accomplished biologists and gifted storytellers, *The Serengeti Rules* is the first book to illuminate how life works at vastly different scales. Read it and you will never look at the world the same way again.

"Invites students to step into the lives of naturalists who followed their dreams, and often risked their lives, to explore the unknown. Each of the nine stories in this brief reader chronicles the dramatic adventures of an influential zoologist, geologist, paleontologist, or geneticist on their path to some of the most important discoveries that have shaped our understanding of how life has evolved. Cultivates an understanding of the physical hardships the featured explorers endured and the obstacles they had to overcome in challenging societal belief systems and initiating paradigm shifts in the scientific community" - from publisher.

For all the discussion in the media about creationism and 'Intelligent Design', virtually nothing has been said about the evidence in question - the evidence for evolution by natural selection. Yet, as this succinct and important book shows, that evidence is vast, varied, and magnificent, and drawn from many disparate fields of science. The very latest research is uncovering a stream of evidence revealing evolution in action - from the actual observation of a species splitting into two, to new fossil discoveries, to the deciphering of the evidence stored in our genome. *Why Evolution is True* weaves together the many threads of modern work in genetics, palaeontology, geology, molecular biology, anatomy, and development to demonstrate the 'indelible stamp' of the processes first proposed by Darwin. It is a crisp, lucid, and accessible statement that will leave no one with an open mind in any doubt about the truth of evolution.

A major new book overturning our assumptions about how evolution works Earth's natural history is full of fascinating instances of convergence: phenomena like eyes and wings and tree-climbing lizards that have evolved independently, multiple times. But evolutionary biologists also point out many examples of contingency, cases where the tiniest change—a random mutation or an ancient butterfly sneeze—caused evolution to take a completely different course. What role does each force really play in the constantly changing natural world? Are the plants and animals that exist today, and we humans ourselves, inevitabilities or evolutionary flukes? And what does that say about life on other planets? Jonathan Losos reveals what the latest breakthroughs in evolutionary biology can tell us about one of the greatest ongoing debates in science. He takes us around the globe to meet the researchers who are solving the deepest mysteries of life on Earth through their work in experimental evolutionary science. Losos himself is one of the leaders in this exciting new field, and he illustrates how experiments with guppies, fruit flies, bacteria, foxes, and field mice, along with his own work with anole lizards on Caribbean islands, are rewinding the tape of life to reveal just how rapid and predictable evolution can be. *Improbable Destinies* will change the way we think and talk about evolution. Losos's insights into natural selection and evolutionary change have far-reaching applications for protecting ecosystems, securing our food supply, and fighting off harmful viruses and bacteria. This compelling narrative offers a new understanding of ourselves and our role in the natural world and the cosmos.

In this “hypnotic, violent, unsparing” (A.J. Banner, USA TODAY bestselling author) thriller from the author of the “haunting, twisting thrill ride” (Megan Miranda, New York Times bestselling author) *The River at Night*, a young woman leaves behind everything she knows to take on the Bolivian jungle, but her excursion abroad quickly turns into a fight for her life. Lily Bushwold thought she'd found the antidote to endless foster care and group homes: a gig teaching English in Cochabamba, Bolivia. As soon as she could steal enough cash for the plane, she was on it. But the program was a scam. And bonding with other broke, rudderless girls in the local youth hostel wasn't the answer. Falling crazy in love with Omar, a savvy, handsome local who'd left his life as a hunter in Ayachero—a remote jungle village—to try city life: this was the last thing Lily could have imagined. When Omar learns that a jaguar had killed his four-year-old nephew in Ayachero, he gives Lily a choice: stay alone in the unforgiving city, or travel to the last in the ever-more-isolated string of river towns in the jungles of Bolivia. Thirty-foot anacondas? Puppy-sized spiders? Vengeful shamans with unspeakable powers? None of it matters to love-struck Lily. She follows Omar to a ruthless new world of lawless poachers, bullheaded missionaries, and desperate indigenous tribes driven to the brink of extinction. To survive, Lily must navigate the jungle—and all its residents—using only her wits and resilience. “Gripping, breathtaking, and exquisitely told—*Into the Jungle* pulls you into another world, returning you forever transformed” (Wendy Walker, USA TODAY bestselling

author).

WINNER OF THE 2017 NASW SCIENCE IN SOCIETY JOURNALISM AWARD
A FINALIST FOR THE 2017 PEN/E. O. WILSON LITERARY SCIENCE
WRITING AWARD LONGLISTED FOR THE ANDREW CARNEGIE MEDAL FOR
EXCELLENCE A LIBRARY JOURNAL BEST SCIENCE BOOK OF THE YEAR
“[A] curiously edifying book.” —The New York Times Book Review “With the taut
suspense of a spy novel, Voigt paints a vivid world of murder, black market deals,
and habitat destruction surrounding a fish that's considered, ironically, to be a
good-luck charm.” —Discover “[An] immensely satisfying story, full of surprises
and suspense.... Things get weird fast.” —The Wall Street Journal An intrepid
journalist's quest to find a wild Asian arowana—the world's most expensive
aquarium fish—takes her on a global tour in this “engaging tale of obsession and
perseverance...and an enthralling look at the intersection of science,
commercialism, and conservationism” (Publishers Weekly, starred review). A
young man is murdered for his pet fish. An Asian tycoon buys a single specimen
for \$150,000. Meanwhile, a pet detective chases smugglers through the streets
of New York. With “the taut suspense of a spy novel” (Discover) *The Dragon
Behind the Glass* tells the story of a fish like none other. Treasured as a status
symbol believed to bring good luck, the Asian arowana, or “dragon fish,” is a
dramatic example of a modern paradox: the mass-produced endangered
species. While hundreds of thousands are bred in captivity, the wild fish as
become a near-mythical creature. From the South Bronx to Borneo and beyond,
journalist Emily Voigt follows the trail of the arowana to learn its fate in nature. “A
fresh, lively look at an obsessive desire to own a piece of the wild” (Kirkus
Reviews), *The Dragon Behind the Glass* traces our fascination with aquarium fish
back to the era of exploration when naturalists stood on the cutting edge of
modern science. In an age when freshwater fish now comprise one of the most
rapidly vanishing groups of animals, Voigt unearths a surprising truth behind the
arowana's rise to fame—one that calls into question how we protect the world's
rarest species. “Not since Candace Millard published *The River of Doubt* has the
world of the Amazon, Borneo, Myanmar, and other exotic locations been so
colorfully portrayed as it is now in Emily Voigt's *The Dragon Behind the Glass*...a
must-read” (Library Journal, starred review).

“S. D. Chrostowska achieves unexpected buoyancy in spite of the intensity of her
material. *Permission*, certain to be among the most formally adventurous books
published this year, will thrill readers of fearless stylists like Blanchot, Barthes,
and Anne Carson. In its obsessive intricacy, it evokes even earlier forbears:
those wonderfully melancholy European humanists, Thomas Browne and Robert
Burton. 'Every Library is a haunted cemetery,' writes F. Wren, the narrator of
Permission. This fine and perplexing novel is itself something between a library
and a cemetery, spinning around the hauntings of desire, the confusions of
memory, the ambiguities of solitude and, above all, the mystery of writing.” — Teju
Cole An unnamed, unemployed, dream-prone narrator finds himself following

Chevauchet, diplomat of Onirica, a foreign republic of dreams, to resist a prohibition on sleep in near-future America. On a mission to combat the state-sponsored drugging of citizens with uppers for greater productivity, they traverse an eerie landscape in an everlasting autumn, able to see inside other people's nightmares and dreams. As Comprehensive Illusions – a social media-like entity that hijacks creativity – overtakes the masses, Chevauchet, the old radical, weakens and disappears, leaving our narrator to take up Chevauchet's dictum that "daydreaming is directly subversive" and forge ahead on his own. In slippery, exhilarating and erudite prose, *The Eyelid* revels in the camaraderie of free thinking that can only happen on the lam, aiming to rescue a species that can no longer dream.

How should we make choices when we know so little about our futures? L.A. Paul argues that we must view life decisions as choices to make discoveries about the nature of experience. Her account of transformative experience holds that part of the value of living authentically is to experience our lives and preferences in whatever ways they evolve.

Teach young children about the animals of the rainforest with this fun and educational board book, part of a series that explores the natural world. Its companion titles, *The Safari Set* and *The Polar Pack*, focus on the savannah and polar regions. *The Jungle Crew* features five animals - a monkey, tiger, tree frog, parrot and toucan - with delightful rhyming text and gorgeous illustrations which young children will find hugely appealing and adults will love to share with them. There are two spreads dedicated to each animal as well as a small introduction and summary page. The book also features some fun facts about each animal on the inside back cover.

A creationist-turned-scientist demonstrates the facts of evolution and exposes Intelligent Design's real agenda. Science is on the defensive. Half of Americans reject the theory of evolution and "Intelligent Design" campaigns are gaining ground. Classroom by classroom, creationism is overthrowing biology. In *Why Darwin Matters*, bestselling author Michael Shermer explains how the newest brand of creationism appeals to our predisposition to look for a designer behind life's complexity. Shermer decodes the scientific evidence to show that evolution is not "just a theory" and illustrates how it achieves the design of life through the bottom-up process of natural selection. Shermer, once an evangelical Christian and a creationist, argues that Intelligent Design proponents are invoking a combination of bad science, political antipathy, and flawed theology. He refutes their pseudoscientific arguments and then demonstrates why conservatives and people of faith can and should embrace evolution. He then appraises the evolutionary questions that truly need to be settled, building a powerful argument for science itself. Cutting the politics away from the facts, *Why Darwin Matters* is an incisive examination of what is at stake in the debate over evolution.

Presents an introduction to evolutionary developmental biology which studies genes and their role in biological diversity and evolution.

Finally Abby is thirteen. A real teenager who only wants to pierce her ears, have a boyfriend, and run her own life. But when her mother suffers a nervous breakdown, Abby faces a life far different from what she hoped for. Set in the Bay Area in the '70s, *An Egg on Three Sticks* is Jackie Moyer Fischer's emotional, funny, and extraordinarily heartfelt novel about Abby's struggle to hold her family together, find love from a mother who has little to give, and simply try to be thirteen. With a voice completely fresh and honest, Abby takes us on a journey that is often hilarious, sometimes heartbreaking, and overwhelmingly hopeful. But a journey no thirteen-year-old should have to take.

The mystery of Earth's invisible, life-supporting power Alanna Mitchell's globe-trotting history of the science of electromagnetism and the Earth's magnetic field--right up to the latest indications that the North and South Poles may soon reverse, with apocalyptic results--will soon change the way you think about our planet. Award-winning journalist Alanna Mitchell's science storytelling introduce intriguing characters--from the thirteenth-century French investigations into magnetism and the Victorian-era discover that electricity and magnetism emerge from the same fundamental force to the latest research. No one has ever told so eloquently how the Earth itself came to be seen as a magnet, spinning in space with two poles, and that those poles have dramatically reversed many time, often coinciding with mass extinctions. The most recent reversal was 780,000 years ago. Mitchell explores indications that the Earth's magnetic force field is decaying faster than previously thought. When the poles switch, a process that takes many years, the Earth is unprotected from solar radiation storms that would, among other disturbances, wipe out much and possible all of our electromagnetic technology. Navigation for all kinds of animals is disrupted without a stable, magnetic North Pole. But can you imagine no satellites, no Internet, no smartphones--maybe no power grids at all? Alanna Mitchell offers a beautifully crafted narrative history of surprising ideas and science, illuminating invisible parts of our own planet that are constantly changing around us.

A unique and personal insight into the ecology and evolution of pollinators, their relationships with flowers, and their conservation in a rapidly changing world. The pollination of flowers by insects, birds and other animals is a fundamentally important ecological function that supports both the natural world and human society. Without pollinators to facilitate the sexual reproduction of plants, the world would be a biologically poorer place in which to live, there would be an impact on food security, and human health would suffer. Written by one of the world's leading pollination ecologists, this book provides an introduction to what pollinators are, how their interactions with flowers have evolved, and the fundamental ecology of these relationships. It explores the pollination of wild and agricultural plants in a variety of habitats and contexts, including urban, rural and agricultural environments. The author also provides practical advice on how individuals and organisations can study, and support, pollinators. As well as covering the natural history of pollinators and flowers, the author discusses their

cultural importance, and the ways in which pollinator conservation has been portrayed from a political perspective. The book draws on field work experiences in South America, Africa, Australia, the Canary Islands and the UK. For over 30 years the author has spent his career researching how plants and pollinators evolve relationships, how these interactions function ecologically, their importance for society, and how we can conserve them in a rapidly changing world. This book offers a unique and personal insight into the science of pollinators and pollination, aimed at anyone who is interested in understanding these fascinating and crucial ecological interactions.

A geneticist discusses the role of DNA in the evolution of life on Earth, explaining how an analysis of DNA reveals a complete record of the events that have shaped each species and how it provides evidence of the validity of the theory of evolution.

“[A] truly uplifting tale of deliverance from certain death . . . A deeply personal read, in which the reader is drawn into the highs and lows of the action, the tragedy, and the salvation, because Moore has so successfully drawn out the characters. . . . Compelling reading and hard to put down.”—Naval History The heroic story of eleven American POWs who defied certain death in World War II, *As Good as Dead* is an unforgettable account of the Palawan Massacre survivors and their daring escape. In late 1944, the Allies invaded the Japanese-held Philippines, and soon the end of the Pacific War was within reach. But for the last 150 American prisoners of war still held on the island of Palawan, there would be no salvation. After years of slave labor, starvation, disease, and torture, their worst fears were about to be realized. On December 14, with machine guns trained on them, they were herded underground into shallow air raid shelters—death pits dug with their own hands. Japanese soldiers doused the shelters with gasoline and set them on fire. Some thirty prisoners managed to bolt from the fiery carnage, running a lethal gauntlet of machine gun fire and bayonets to jump from the cliffs to the rocky Palawan coast. By the next morning, only eleven men were left alive—but their desperate journey to freedom had just begun. *As Good as Dead* is one of the greatest escape stories of World War II, and one that few Americans know. The eleven survivors of the Palawan Massacre—some badly wounded and burned—spent weeks evading Japanese patrols. They scrounged for food and water, swam shark-infested bays, and wandered through treacherous jungle terrain, hoping to find friendly Filipino guerrillas. Their endurance, determination, and courage in the face of death make this a gripping and inspiring saga of survival.

Over the past 150 years scientists have discovered evidence that at least twenty-seven species of humans evolved on planet Earth. These weren't simply variations on apes, but upright-walking humans who lived side by side, competing, cooperating, sometimes even mating with our direct ancestors. Why did the line of ancient humans who eventually evolved into us survive when the others were shown the evolutionary door? Chip Walter draws on new scientific discoveries to tell the fascinating tale of how our

survival was linked to our ancestors being born more prematurely than others, having uniquely long and rich childhoods, evolving a new kind of mind that made us resourceful and emotionally complex; how our highly social nature increased our odds of survival; and why we became self aware in ways that no other animal seems to be. Last Ape Standing also profiles the mysterious "others" who evolved with us-the Neanderthals of Europe, the "Hobbits" of Indonesia, the Denisovans of Siberia and the just-discovered Red Deer Cave people of China who died off a mere eleven thousand years ago. Last Ape Standing is evocative science writing at its best-a witty, engaging and accessible story that explores the evolutionary events that molded us into the remarkably unique creatures we are; an investigation of why we do, feel, and think the things we do as a species, and as people-good and bad, ingenious and cunning, heroic and conflicted.

This text is designed for students and anyone else with an interest in the history of life on our planet. The author describes the biological evolution of Earth's organisms, and reconstructs their adaptations to the life they led, and the ecology and environment in which they functioned. On the grand scale, Earth is a constantly changing planet, continually presenting organisms with challenges. Changing geography, climate, atmosphere, oceanic and land environments set a stage in which organisms interact with their environments and one another, with evolutionary change an inevitable result. The organisms themselves in turn can change global environments: oxygen in our atmosphere is all produced by photosynthesis, for example. The interplay between a changing Earth and its evolving organisms is the underlying theme of the book. The book has a dedicated website which explores additional enriching information and discussion, and provides or points to the art for the book and many other images useful for teaching. See: www.wiley.com/go/cowen/historyoflife.

Traces the friendship and collaborative achievements of 20th-century intellectuals Albert Camus and Jacques Monod, discussing their contributions to the French Resistance, Nobel Prize-winning work and passionate advocacy of human rights. The long-awaited magnum opus from Haruki Murakami, in which this revered and bestselling author gives us his hypnotically addictive, mind-bending ode to George Orwell's 1984. The year is 1984. Aomame is riding in a taxi on the expressway, in a hurry to carry out an assignment. Her work is not the kind that can be discussed in public. When they get tied up in traffic, the taxi driver suggests a bizarre 'proposal' to her. Having no other choice she agrees, but as a result of her actions she starts to feel as though she is gradually becoming detached from the real world. She has been on a top secret mission, and her next job leads her to encounter the superhuman founder of a religious cult. Meanwhile, Tengo is leading a nondescript life but wishes to become a writer. He inadvertently becomes involved in a strange disturbance that develops over a literary prize. While Aomame and Tengo impact on each other in various ways, at times by accident and at times intentionally, they come closer and closer to meeting. Eventually the two of them notice that they are indispensable to each other. Is it possible for them to ever meet in the real world?

Modern Cosmology, Second Edition, provides a detailed introduction to the field of cosmology. Beginning with the smooth, homogeneous universe described by a Friedmann-Lemaître-Robertson-Walker metric, this trusted resource includes careful treatments of dark energy, big bang nucleosynthesis, recombination, and dark matter.

The reader is then introduced to perturbations about an FLRW universe: their evolution with the Einstein-Boltzmann equations, their primordial generation by inflation, and their observational consequences: the acoustic peaks in the CMB; the E/B decomposition in polarization; gravitational lensing of the CMB and large-scale structure; and the BAO standard ruler and redshift-space distortions in galaxy clustering. The Second Edition now also covers nonlinear structure formation including perturbation theory and simulations. The book concludes with a substantially updated chapter on data analysis. *Modern Cosmology, Second Edition*, shows how modern observations are rapidly revolutionizing our picture of the universe, and supplies readers with all the tools needed to work in cosmology. Offers a unique and practical approach for learning how to perform cosmological calculations. New material on theory, simulations, and analysis of nonlinear structure. Substantial updates on new developments in cosmology since the previous edition.

The Garden Jungle is about the wildlife that lives right under our noses, in our gardens and parks, between the gaps in the pavement, and in the soil beneath our feet. Wherever you are right now, the chances are that there are worms, woodlice, centipedes, flies, silverfish, wasps, beetles, mice, shrews and much, much more, quietly living within just a few paces of you. Dave Goulson gives us an insight into the fascinating and sometimes weird lives of these creatures, taking us burrowing into the compost heap, digging under the lawn and diving into the garden pond. He explains how our lives and ultimately the fate of humankind are inextricably intertwined with that of earwigs, bees, lacewings and hoverflies, unappreciated heroes of the natural world. *The Garden Jungle* is at times an immensely serious book, exploring the environmental harm inadvertently done by gardeners who buy intensively-reared plants in disposable plastic pots, sprayed with pesticides and grown in peat cut from the ground. Goulson argues that gardens could become places where we can reconnect with nature and rediscover where food comes from. With just a few small changes, our gardens could become a vast network of tiny nature reserves, where humans and wildlife can thrive together in harmony rather than conflict. For anyone who has a garden, and cares about our planet, this book is essential reading.

The classic personal account of Watson and Crick's groundbreaking discovery of the structure of DNA, now with an introduction by Sylvia Nasar, author of *A Beautiful Mind*. By identifying the structure of DNA, the molecule of life, Francis Crick and James Watson revolutionized biochemistry and won themselves a Nobel Prize. At the time, Watson was only twenty-four, a young scientist hungry to make his mark. His uncompromisingly honest account of the heady days of their thrilling sprint against other world-class researchers to solve one of science's greatest mysteries gives a dazzlingly clear picture of a world of brilliant scientists with great gifts, very human ambitions, and bitter rivalries. With humility unspoiled by false modesty, Watson relates his and Crick's desperate efforts to beat Linus Pauling to the Holy Grail of life sciences, the identification of the basic building block of life. Never has a scientist been so truthful in capturing in words the flavor of his work.

In this landmark work, the author team led by Dr. Sean Carroll presents the general principles of the genetic basis of morphological change through a synthesis of evolutionary biology with genetics and embryology. In this extensively revised second edition, the authors delve into the latest discoveries, incorporating new coverage of

comparative genomics, molecular evolution of regulatory proteins and elements, and microevolution of animal development. An accessible text, focusing on the most well-known genes, developmental processes and taxa. Builds logically from developmental genetics and regulatory mechanisms to evolution at different genetic morphological levels. Adds major insights from recent genome studies, new evo-devo biology research findings, and a new chapter on models of variation and divergence among closely related species. Provides in-depth focus on key concepts through well-developed case studies. Features clear, 4-color illustrations and photographs, chapter summaries, references and a glossary. Presents the research of Dr. Carroll, a pioneer in the field and the past president of the Society for Developmental Biology.

David Krogh's *Biology: A Guide to the Natural World* leads readers on a memorable journey through the world of biology, using relevant examples, clearly-developed illustrations, and helpful insights that will resonate with you. The Technology Update features margin callouts in the text, directing you to a significantly more robust MasteringBiology program. Widely recognized as a book that students enjoy reading, David Krogh uses discussions about social concerns and health applications, along with streamlined EOC material, to help engage you with the chapter.

In this "provocative" book (*New York Times*), a contrarian physicist argues that her field's modern obsession with beauty has given us wonderful math but bad science. Whether pondering black holes or predicting discoveries at CERN, physicists believe the best theories are beautiful, natural, and elegant, and this standard separates popular theories from disposable ones. This is why, Sabine Hossenfelder argues, we have not seen a major breakthrough in the foundations of physics for more than four decades. The belief in beauty has become so dogmatic that it now conflicts with scientific objectivity: observation has been unable to confirm mindboggling theories, like supersymmetry or grand unification, invented by physicists based on aesthetic criteria. Worse, these "too good to not be true" theories are actually untestable and they have left the field in a cul-de-sac. To escape, physicists must rethink their methods. Only by embracing reality as it is can science discover the truth. Although people have been altering earth's landscapes to some extent for tens of thousands of years, humankind today is causing massive changes to the planet. Such widespread environmental change is accompanied by accelerating rates of species extinction. In this book, noted ecologist H. H. Shugart presents important ecological concepts through entertaining animal parables. He tells the stories of particular birds and mammals—the packrat, ivory-billed woodpecker, penguin, dingo, European rabbit, and others—and what their fates reveal about the interactions between environmental change and the extinctions or explosions of species populations. Change is the root of many planetary problems, but it is also an intrinsic feature of our living planet. Shugart explores past environmental change, discusses the non-existence of a "balance of Nature," and documents how human alterations have affected plants, soils, and animals. He looks with hope toward a future in which thoughtful people learn—and use—ecological science to protect the landscapes upon which terrestrial creatures depend. *Biology's great discoveries and the people who make them*

An unprecedented look at the contemporary collective's theatrical art, charting their performances and exploring their social and creative commitments The first monographic publication on the art collective *My Barbarian* (Malik Gaines, Jade Gordon, and Alexandro Segade) offers new insights into the work of this singular group of performers. *My Barbarian* has used performance to theatricalize social issues, adapting narratives from modern plays, historical texts, and mass media; this volume accompanies a major retrospective celebrating the group's twentieth anniversary. An overview essay relates their work's formal qualities to several historical moments over this span: the club era following September 11, 2001;

postcolonial theater after the 2008 financial collapse; and political theater responding to the pressing issues of today. Other contributions read the collective's output through a lens of queer and other critical theory, and contextualize it within the twenty-first-century experimental performance scene. A richly illustrated visual chronology features texts on each of My Barbarian's past works written by the artists. Performances and video works are re-created using stills alongside photos, drawings, scripts, and personal materials drawn from the artists' archives, many never previously published.

"A bold, ambitious and truly wonderful history of the world"—Peter Wohlleben, author of *The Hidden Life of Trees* From the age of dinosaurs to the first human cities, a groundbreaking new history of the planet that tropical forests made. To many of us, tropical forests are the domain of movies and novels. These dense, primordial wildernesses are beautiful to picture, but irrelevant to our lives. *Jungle* tells a different story. Archaeologist Patrick Roberts argues that tropical forests have shaped nearly every aspect of life on earth. They made the planet habitable, enabled the rise of dinosaurs and mammals, and spread flowering plants around the globe. New evidence also shows that humans evolved in jungles, developing agriculture and infrastructure unlike anything found elsewhere. Humanity's fate is tied to the fate of tropical forests, and by understanding how earlier societies managed these habitats, we can learn to live more sustainably and equitably today. Blending cutting-edge research and incisive social commentary, *Jungle* is a bold new vision of who we are and where we come from.

Traces the history of scientific studies into the nature of DNA and examines the impact of DNA research and genetic engineering on society.

Lively and fascinating. . . . Gould] writes beautifully about science and the wonders of nature. Tracy Kidder

From the #1 bestselling author of *The Bomber Mafia*, the landmark book that has revolutionized the way we understand leadership and decision making. In his breakthrough bestseller *The Tipping Point*, Malcolm Gladwell redefined how we understand the world around us. Now, in *Blink*, he revolutionizes the way we understand the world within. *Blink* is a book about how we think without thinking, about choices that seem to be made in an instant--in the blink of an eye--that actually aren't as simple as they seem. Why are some people brilliant decision makers, while others are consistently inept? Why do some people follow their instincts and win, while others end up stumbling into error? How do our brains really work--in the office, in the classroom, in the kitchen, and in the bedroom? And why are the best decisions often those that are impossible to explain to others? In *Blink* we meet the psychologist who has learned to predict whether a marriage will last, based on a few minutes of observing a couple; the tennis coach who knows when a player will double-fault before the racket even makes contact with the ball; the antiquities experts who recognize a fake at a glance. Here, too, are great failures of "blink": the election of Warren Harding; "New Coke"; and the shooting of Amadou Diallo by police. *Blink* reveals that great decision makers aren't those who process the most information or spend the most time deliberating, but those who have perfected the art of "thin-slicing"--filtering the very few factors that matter from an overwhelming number of variables.

Into the JungleGreat Adventures in the Search for EvolutionPearson

"Fascinating and exhilarating—Sean B. Carroll at his very best."—Bill Bryson, author of *The Body: A Guide for Occupants* From acclaimed writer and biologist Sean B. Carroll, a rollicking, awe-inspiring story of the surprising power of chance in our lives and the world Why is the world the way it is? How did we get here? Does everything happen for a reason or are some things left to chance? Philosophers and theologians have pondered these questions for millennia, but startling scientific discoveries over the past half century are revealing that we live in a world driven by chance. *A Series of Fortunate Events* tells the story of the awesome power of chance and how it is the surprising source of all the beauty and diversity in the living world.

Like every other species, we humans are here by accident. But it is shocking just how many things—any of which might never have occurred—had to happen in certain ways for any of us to exist. From an extremely improbable asteroid impact, to the wild gyrations of the Ice Age, to invisible accidents in our parents' gonads, we are all here through an astonishing series of fortunate events. And chance continues to reign every day over the razor-thin line between our life and death. This is a relatively small book about a really big idea. It is also a spirited tale. Drawing inspiration from Monty Python, Kurt Vonnegut, and other great thinkers, and crafted by one of today's most accomplished science storytellers, *A Series of Fortunate Events* is an irresistibly entertaining and thought-provoking account of one of the most important but least appreciated facts of life.

National Book Award Finalist: A biologist's "thoroughly enjoyable" account of the expeditions that unearthed the history of life on our planet (Publishers Weekly). Not so long ago, most of our world was an unexplored wilderness. Our sense of its age was vague and vastly off the mark, and much of the knowledge of our own species' history was a set of fantastic myths and fairy tales. But scientists were about to embark on an amazing new era of understanding. From the New York Times–bestselling author of *The Big Picture*, this book leads us on a rousing voyage that recounts the most important discoveries in two centuries of natural history: from Darwin's trip around the world to Charles Walcott's discovery of pre-Cambrian life in the Grand Canyon; from Louis and Mary Leakey's investigation of our deepest past in East Africa to the trailblazers in modern laboratories who have located a time clock in our DNA. Filled with the same sense of adventure that spurred on these extraordinary men and women, *Remarkable Creatures* is a "stirring introduction to the wonder of evolutionary biology" (Kirkus Reviews). "Charming and enlightening." —San Francisco Chronicle "As fast-paced as a detective story." —Nature

Winner of the 1974 National Book Award "A screaming comes across the sky. . ." A few months after the Germans' secret V-2 rocket bombs begin falling on London, British Intelligence discovers that a map of the city pinpointing the sexual conquests of one Lieutenant Tyrone Slothrop, U.S. Army, corresponds identically to a map showing the V-2 impact sites. The implications of this discovery will launch Slothrop on an amazing journey across war-torn Europe, fleeing an international cabal of military-industrial superpowers, in search of the mysterious Rocket 00000, through a wildly comic extravaganza that has been hailed in *The New Republic* as "the most profound and accomplished American novel since the end of World War II."

A Light Year of Lead is an investigation into how contemporary science pictures the invisible & unknown. Carroll has photographed throughout the United States in former mines where scientists have installed experiments attempting to detect elusive elementary particles and theoretical dark matter. Rather than demystify the experiments, Carroll amplifies their strangeness through seven distinct chapters. In collaboration with Carroll's on-site photographs and studio experimentations, Catanzano presents a series of typographical poems that span the scientific and mythopoetic to the surreal and absurd. An expanded laboratory experiment between art, science and literature, the collaboration between Carroll and Catanzano blurs established boundaries between the known and unknown, as well as image & text.

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