

Stem Cell Battles: Proposition 71 And Beyond - How Ordinary People Can Fight Back Against The Crushing Burden Of Chronic Disease - With A Posthumous Foreword By Christopher Reeve

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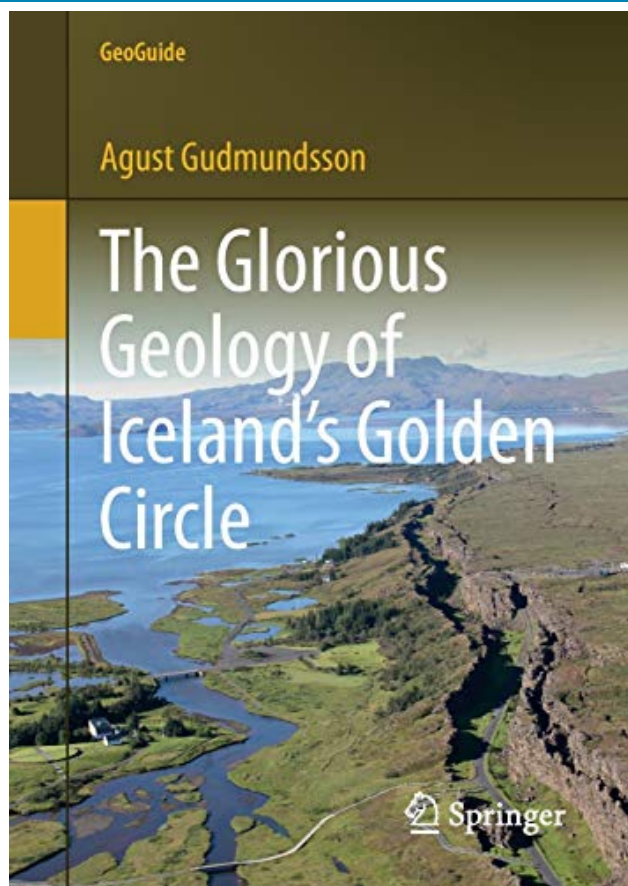
SKU: 9789814618274

Price: \$524.79

Categories: [MEDICAL EQUIPMENT & TECHNIQUES](#), [MEDICAL RESEARCH](#), [MEDICAL SCIENCE](#), [MEDICINE: GENERAL ISSUES](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

This is a one-of-a-kind book: combining easy-to-understand science, in-the-trenches political warfare, and inspirational stories. It aims to give hope to individuals and families who suffer from chronic disease or disability; to point out how ordinary people can make an extraordinary difference in the battle to ease suffering and save lives through supporting medical research; to share in people talk some of the amazing progress already achieved in the new field of stem cell research; to show how even such a magnificent success as the California stem cell program is under constant attack from ideological groups; to offer medical research as a force for international cooperation; to suggest how cure research lessens the need for the mountainous costs of endless care. Unparalleled background: the author has been involved in virtually every important stem cell battle (state, national, and international) since embryonic stem cell research began. The author works closely with Robert N. Klein, sponsor of the California stem cell program, the largest source of such stem cell research funding in the world. In addition, the author is an award-winning teacher as well as writer, and seeks to entertain as well as educate. His book is not only substantive, but also fun. The book would be a treasured gift: for anyone suffering an incurable illness or who is a caregiver for a loved one; for a college student considering a rewarding career in biomedicine; for scientists who want to protect and enhance their research funding; and for anyone who wants to see government respond to the needs of its citizenry. Chronic disease and disability are a prison: cure is the triumphant escape - wheelchairs should be for temporary occupancy only.



The Glorious Geology of Iceland's Golden Circle (GeoGuide)

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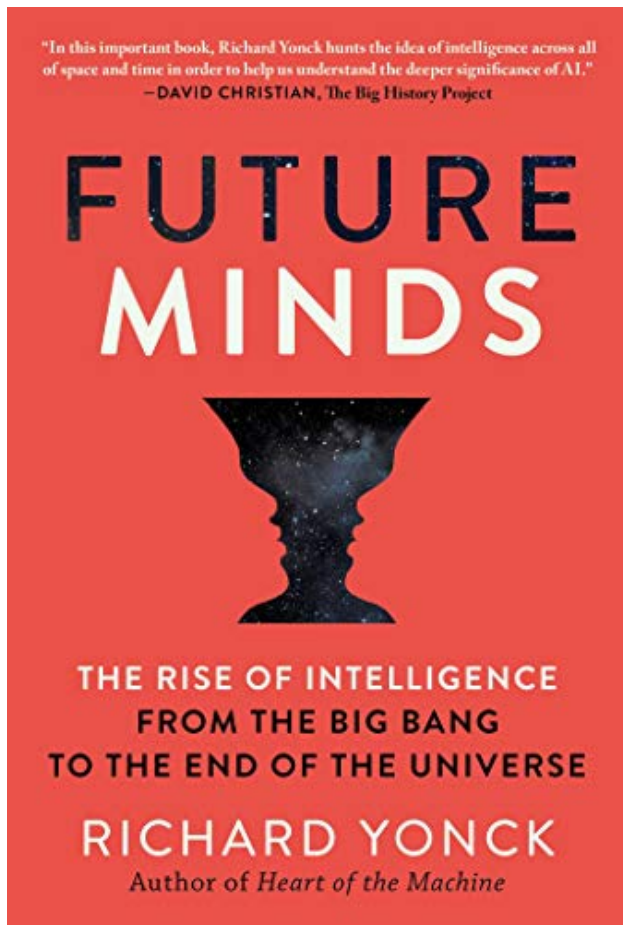
SKU: 9783319551517

Price: \$839.79

Categories: [APPLIED PHYSICS & SPECIAL TOPICS](#), [EARTH SCIENCES](#), [EARTH SCIENCES](#), [GEOLOGICAL SURFACE PROCESSES \(GEOMORPHOLOGY\)](#), [GEOLOGY & THE LITHOSPHERE](#), [GEOPHYSICS](#), [PHYSICS](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

This is the first book describing the glorious geology of Iceland's Golden Circle and four additional excursions: (1) the beautiful valleys and mountains of the fjord of Hvalfjoerdur, (2) the unique landscape and geothermal fields of the Hengill Volcano, (3) the explosion craters, volcanic fissures, and lava fields of the Reykjanes Peninsula, and (4) the volcanoes (Hekla, Eyjafjallajokull, Katla), waterfalls, sandur plains, and rock columns of South Iceland. The Golden Circle offers a unique opportunity to observe and understand many of our planet's forces in action. These forces move the Earth's tectonic plates, rupture the crust, and generate earthquakes, volcanic eruptions, channels for rivers and waterfalls, and heat sources for hot springs and geysers. The Golden Circle includes the famous rifting and earthquake fracture sites at Thingvellir, the hot springs of the Geysir area, the waterfall of Gullfoss, and the Kerid volcanic crater. As the book is primarily intended for people with no background in geosciences, no geological knowledge is assumed and technical terms are avoided as far as possible (those used are explained in a glossary). With more than 240 illustrations - mostly photographs - explaining geological structures and processes, it is also a useful resource for geoscientists.



Future Minds: The Rise of Intelligence from the Big Bang to the End of the Universe

[Read More](#)

SKU: 9781948924382

Price: \$587.79

Categories: [Artificial intelligence](#), [COMPUTER SCIENCE](#), [COMPUTING AND INFORMATION TECHNOLOGY](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

For readers of Michio Kaku and Stephen Hawking, the book readers have acclaimed as A mega-comprehensive outlook at intelligence as convincing as it is surprising and A truly breathtaking forecast on the future of intelligence. With the ongoing advancement of AI and other technologies, our world is becoming increasingly intelligent. From chatbots to innovations in brain-computer interfaces to the possibility of superintelligences leading to the Singularity later this century, our reality is being transformed before our eyes. This is commonly seen as the natural result of progress, but what if there's more to it than that? What if intelligence is an inevitability, an underlying property of the universe? In *Future Minds*, Richard Yonck challenges our assumptions about intelligence-what it is, how it came to exist, its place in the development of life on Earth and possibly throughout the cosmos. Taking a Big History perspective-over the 14 billion years from the Big Bang to the present and beyond-he draws on recent developments in physics and complexity theory to explore the questions: Why do pockets of increased complexity develop, giving rise to life, intelligence, and civilization? How will it grow and change throughout this century, transforming both technology and humanity? As we expand outward from our planet, will we discover other forms of intelligence, or will we conclude we are destined to go it alone? Any way we look at it, the nature of intelligence in the universe is becoming a central concern for humanity. Ours. Theirs. And everything in between.

'Absolutely fascinating.' *Wired*

THE POWER OF HABIT

Why we do what we do and how to *change*



CHARLES DUHIGG

The Power of Habit: Why We Do What We Do, and How to Change

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SKU: 9781847946249

Price: \$303.45

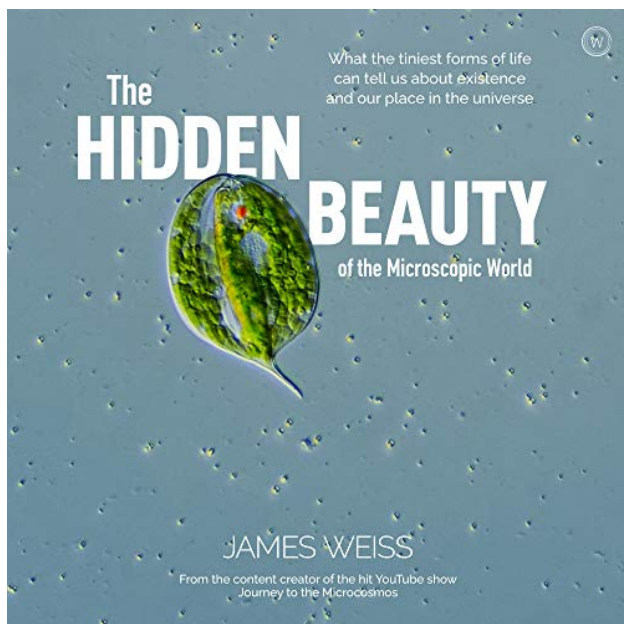
Categories: [Assertiveness, motivation & self-esteem](#), [BIOLOGY, LIFE SCIENCES](#), [BIOLOGY, LIFE SCIENCES](#), [Cognitive science](#), [FAMILY, HOME AND PRACTICAL INTERESTS](#), [INTERDISCIPLINARY STUDIES](#), [LIFE SCIENCES: GENERAL ISSUES](#), [NEUROSCIENCES \(NON-MEDICAL\)](#), [Popular psychology](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [REFERENCE, INFORMATION AND INTERDISCIPLINARY SUBJECTS](#), [SCIENCE: GENERAL ISSUES](#), [SELF-HELP & PRACTICAL INTERESTS](#)

Product Description

There's never been a better time to set new habits. This book will change your life.

Why do we do develop habits? And how can we change them? We can always change. In *The Power of Habit*, award-winning New York Times business reporter Charles Duhigg translates cutting-edge behavioural science into practical self-improvement action, distilling advanced neuroscience into fascinating narratives of transformation. Why can some people and companies change overnight, and some stay stuck in their old ruts? The answer lies deep in the human brain, and *The Power of Habits* reveals the secret pressure points that can change a life. From Olympic swimmer Michael Phelps to Martin Luther King Jr., from the CEO of Starbucks to the locker rooms of the NFL, Duhigg explores the incredible results of keystone habits, and how they can make all the difference between billions and millions, failure and success - or even life and death. *The Power of Habit* makes an exhilarating case: the key to almost any door in life is instilling the right habit. From exercise to weight loss, childrearing to productivity, market disruption to social revolution, and above all success, the right habits can change everything. Habits aren't destiny. They're science, one which can transform our businesses, our communities, and our lives.

'Plenty of business books that try to tap into the scientific world manage to distil complicated research into readable prose. But few take the next step and become essential manuals for business and living. *The Power of Habit* is an exception.' ANDREW HILL, FINANCIAL TIMES



The Hidden Beauty of the Microscopic World: What the tiniest forms of life can tell us about existence and our place in the universe

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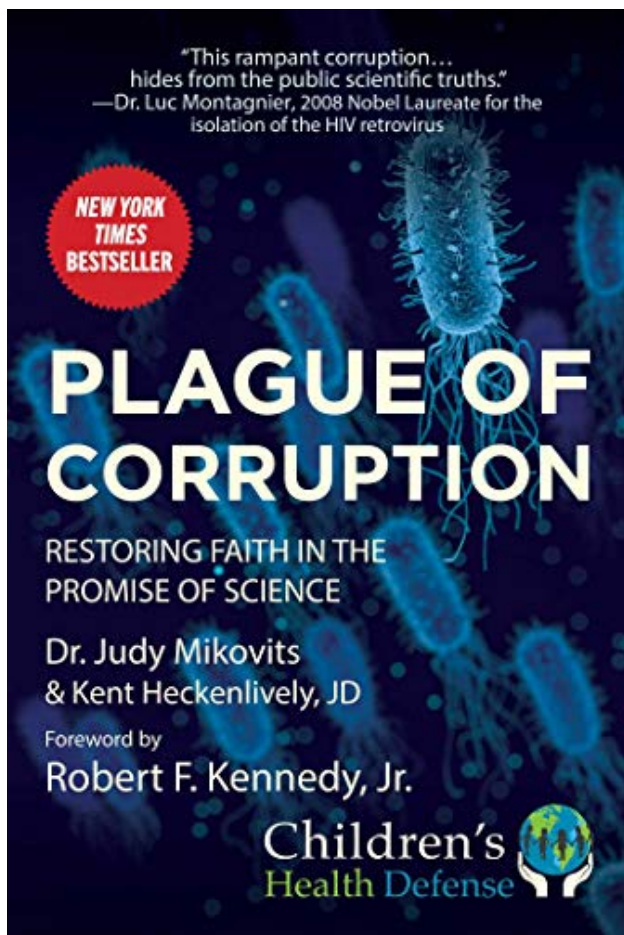
SKU: 9781786784490

Price: \$628.95

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [MICROBIOLOGY](#), [MICROBIOLOGY \(NON-MEDICAL\)](#), [MICROSCOPY](#), [PHILOSOPHY](#), [PHILOSOPHY OF SCIENCE](#), [Popular philosophy](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SCIENCE: GENERAL ISSUES](#), [SCIENTIFIC EQUIPMENT & TECHNIQUES](#), [LABORATORY EQU](#), [SCIENTIFIC EQUIPMENT & TECHNIQUES](#), [LABORATORY EQUIPMENT](#), [WESTERN PHILOSOPHY](#)

Product Description

A strange and beautiful world surrounds us, hidden from sight ... An unbelievable abundance of life flourishes on every surface of our planet. In every drop of dew, on every leaf, and even inside each one of us, invisible yet ingenious life thrives. James Weiss, microbe enthusiast and videographer, has spent thousands of hours peering into this world, and has been astounded by the beauty he finds there. With his captivating photographs and illustrations, James presents this beginner's guide to microscopic life, from the most simple, single-celled organisms to complex micro-animals. Navigate the births, feasts, triumphs, tragedies and deaths of a cast of tiny characters, including the adorable water bear, the immortal Hydra and the dancing Desmid. Learn how these lifeforms work and what lessons they can teach us about our own existence, and discover how seeing the wonder of nature from a new perspective can change your life.



Plague of Corruption: Restoring Faith in the Promise of Science (Children's Health Defense)

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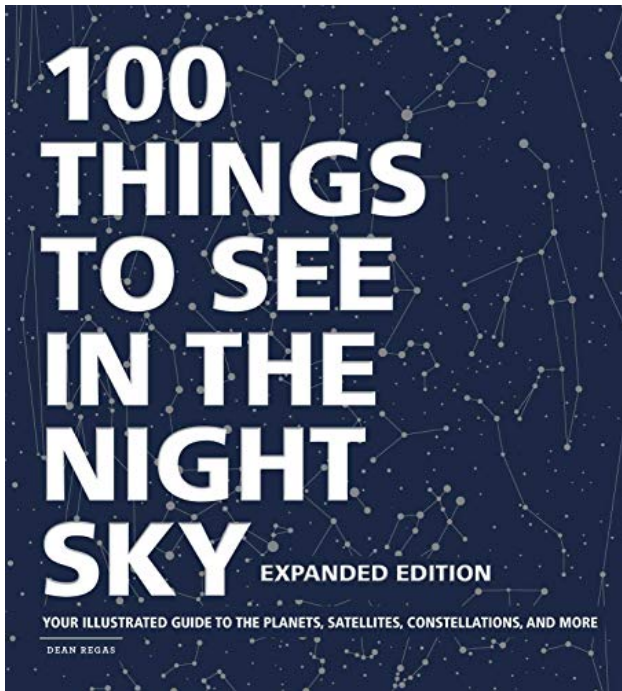
SKU: 9781510752245

Price: \$566.79

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [MICROBIOLOGY](#), [MICROBIOLOGY \(NON-MEDICAL\)](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [VIROLOGY \(NON-MEDICAL\)](#)

Product Description

#1 on Amazon Charts, New York Times Bestseller, USA Today Bestseller-Over 100,000 Copies in Print! Kent Heckenlively and Judy Mikovits are the new dynamic duo fighting corruption in science. -Ben Garrison, America's #1 political satirist Dr. Judy Mikovits is a modern-day Rosalind Franklin, a brilliant researcher shaking up the old boys' club of science with her groundbreaking discoveries. And like many women who have trespassed into the world of men, she uncovered decades-old secrets that many would prefer to stay buried. From her doctoral thesis, which changed the treatment of HIV-AIDS, saving the lives of millions, including basketball great Magic Johnson, to her spectacular discovery of a new family of human retroviruses, and her latest research which points to a new golden age of health, Dr. Mikovits has always been on the leading edge of science. With the brilliant wit one might expect if Erin Brockovich had a doctorate in molecular biology, Dr. Mikovits has seen the best and worst of science. When she was part of the research community that turned HIV-AIDS from a fatal disease into a manageable one, she saw science at its best. But when her investigations questioned whether the use of animal tissue in medical research were unleashing devastating plagues of chronic diseases, such as autism and chronic fatigue syndrome, she saw science at its worst. If her suspicions are correct, we are looking at a complete realignment of scientific practices, including how we study and treat human disease. Recounting her nearly four decades in science, including her collaboration of more than thirty-five years with Dr. Frank Ruscetti, one of the founders of the field of human retrovirology, this is a behind the scenes look at the issues and egos which will determine the future health of humanity.



100 Things to See in the Night Sky, Expanded Edition: Your Illustrated Guide to the Planets, Satellites, Constellations, and More

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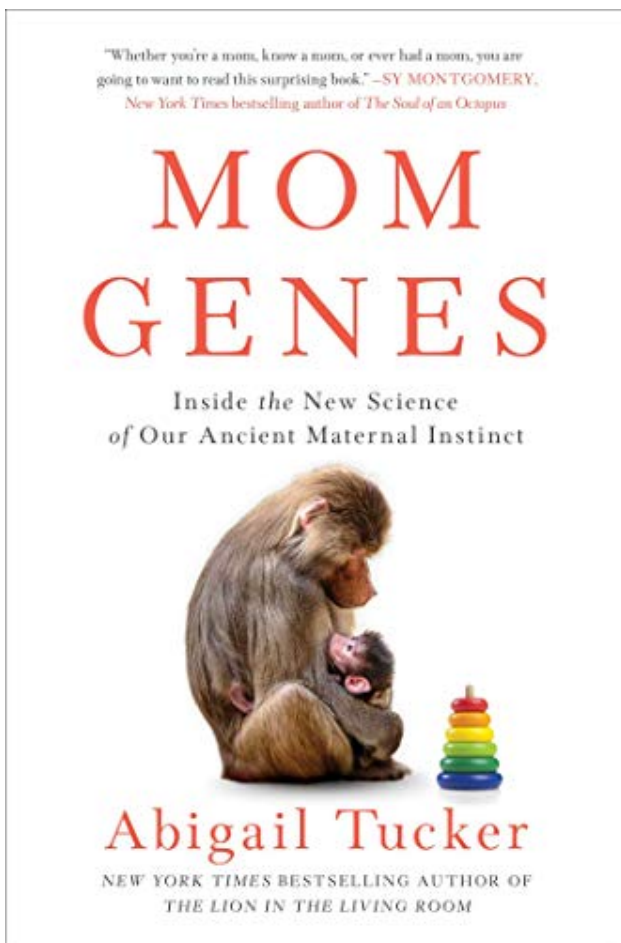
SKU: 9781507213810

Price: \$461.79

Categories: [ASTRONOMY, SPACE & TIME](#), [ASTRONOMY, SPACE & TIME](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

Keep your feet on the ground and experience the night sky to the fullest by exploring planets, satellites, and constellations with this all-inclusive reference guide to space. 100 Things to See in the Night Sky, Expanded Edition is full of information on the many amazing things you can see with a telescope, or just your naked eye! From shooting stars to constellations and planets to satellites, this book gives you a clear picture of what you can see on any given night. Learn about the celestial bodies that have captured people's imaginations for centuries, with specific facts alongside traditional myths and beautifully illustrated photographs and star charts that will help you know where to look for the best view. With this illuminating guide, you'll enjoy hours of stargazing, whether you're travelling, camping, sitting in your back garden, or simply flipping through the beautiful images in this book.



Mom Genes: Inside the New Science of Our Ancient Maternal Instinct

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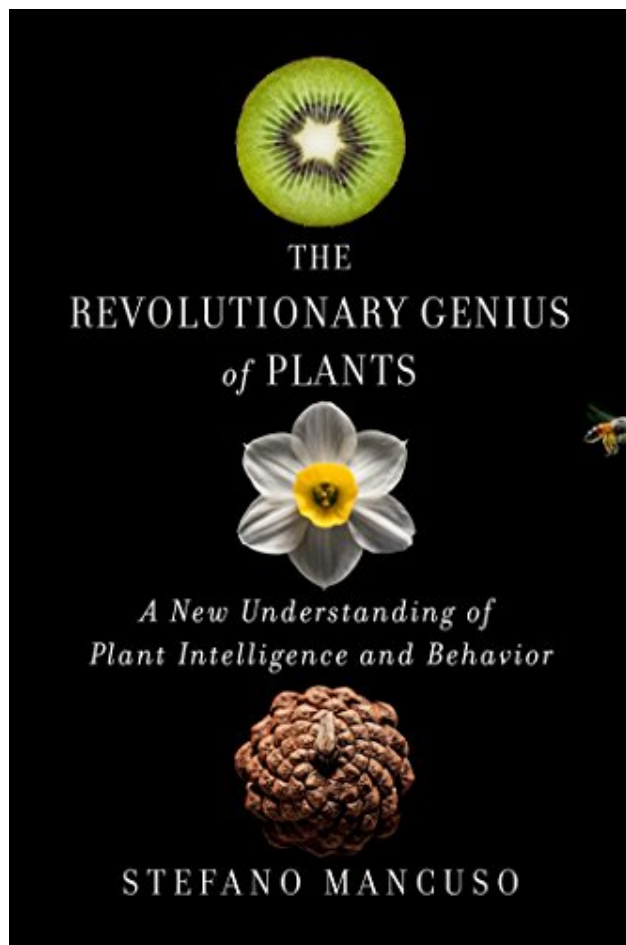
SKU: 9781501192852

Price: \$588.00

Categories: [BIOLOGY, LIFE SCIENCES, BIOLOGY, LIFE SCIENCES, LIFE SCIENCES: GENERAL ISSUES, POPULAR SCIENCE, POPULAR SCIENCE, SCIENCE: GENERAL ISSUES](#)

Product Description

From the New York Times bestselling author of *The Lion in the Living Room* comes a fascinating and provocative exploration of the biology of motherhood that is witty, reassuring, and takes motherhood out of the footnotes and places it front and center—where it belongs (Louann Brizendine, MD, New York Times bestselling author). Everyone knows how babies are made, but scientists are only just beginning to understand the making of a mother. *Mom Genes* reveals the hard science behind our tenderest maternal impulses, tackling questions such as why mothers are destined to mimic their own moms (or not), how maternal aggression makes females the world's most formidable creatures, and how a crisis like the Covid-19 pandemic can make or break a mom. Weaving the latest research with Abigail Tucker's personal experiences, *Mom Genes* is an eye-opening tour through the biology and psychology of a role that is at once utterly ordinary and wondrously strange (Annie Murphy Paul, author of *Origins*).



The Revolutionary Genius of Plants: A New Understanding of Plant Intelligence and Behavior

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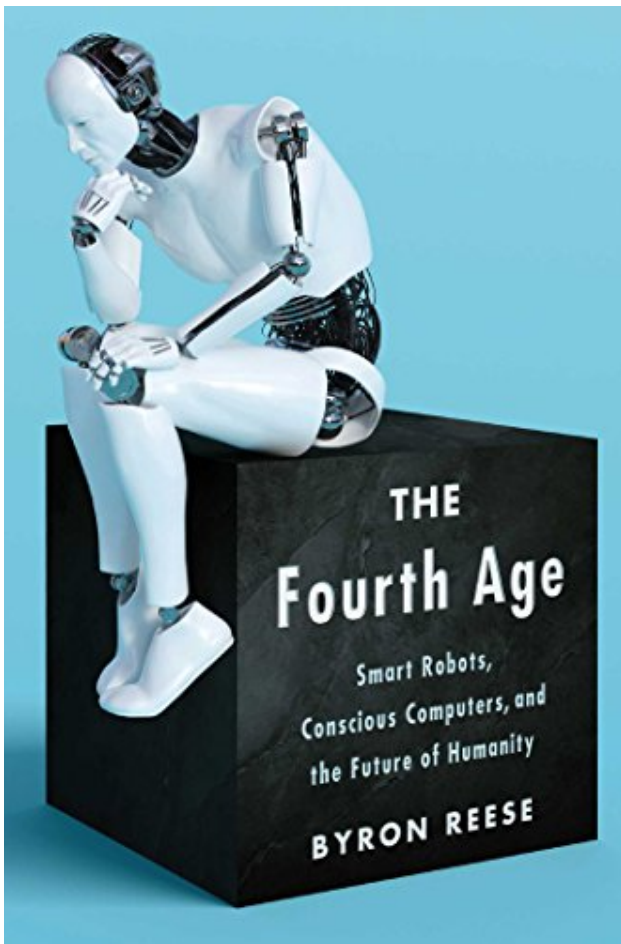
SKU: 9781501187858

Price: \$630.00

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [BOTANY](#), [BOTANY & PLANT SCIENCES](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

In this thought-provoking, handsomely illustrated book, Italian neurobiologist Stefano Mancuso considers the fundamental differences between plants and animals and challenges our assumptions about which is the 'higher' form of life. -The Wall Street Journal Fascinating...full of optimism...this quick, accessible read will appeal to anyone with interest in how plants continue to surprise us. -Library Journal Do plants have intelligence? Do they have memory? Are they better problem solvers than people? The Revolutionary Genius of Plants-a fascinating, paradigm-shifting work that upends everything you thought you knew about plants-makes a compelling scientific case that these and other astonishing ideas are all true. Plants make up eighty percent of the weight of all living things on earth, and yet it is easy to forget that these innocuous, beautiful organisms are responsible for not only the air that lets us survive, but for many of our modern comforts: our medicine, food supply, even our fossil fuels. On the forefront of uncovering the essential truths about plants, world-renowned scientist Stefano Mancuso reveals the surprisingly sophisticated ability of plants to innovate, to remember, and to learn, offering us creative solutions to the most vexing technological and ecological problems that face us today. Despite not having brains or central nervous systems, plants perceive their surroundings with an even greater sensitivity than animals. They efficiently explore and react promptly to potentially damaging external events thanks to their cooperative, shared systems; without any central command centers, they are able to remember prior catastrophic events and to actively adapt to new ones. Every page of The Revolutionary Genius of Plants bubbles over with Stefano Mancuso's infectious love for plants and for the eye-opening research that makes it more and more clear how remarkable our fellow inhabitants on this planet really are. In his hands, complicated science is wonderfully accessible, and he has loaded the book with gorgeous photographs that make for an unforgettable reading experience. The Revolutionary Genius of Plants opens the doors to a new understanding of life on earth.



The Fourth Age: Smart Robots, Conscious Computers, and the Future of Humanity

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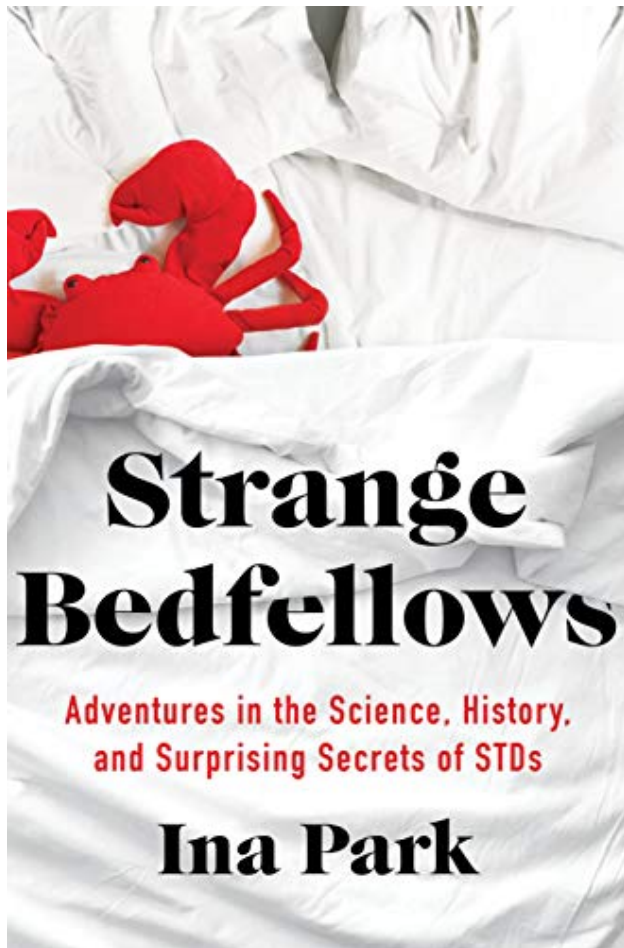
SKU: 9781501158568

Price: \$567.00

Categories: [Artificial intelligence](#), [COMPUTER SCIENCE](#), [COMPUTING AND INFORMATION TECHNOLOGY](#), [ELECTRONICS & COMMUNICATIONS ENGINEERING](#), [ELECTRONICS & COMMUNICATIONS ENGINEERING](#), [ELECTRONICS ENGINEERING](#), [Impact of science & technology on society](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [ROBOTICS](#), [SCIENCE: GENERAL ISSUES](#), [SCIENCE: GENERAL ISSUES](#), [SCIENTIFIC STANDARDS](#)

Product Description

The Fourth Age not only discusses what the rise of A.I. will mean for us, it also forces readers to challenge their preconceptions. And it manages to do all this in a way that is both entertaining and engaging. -The New York Times As we approach a great turning point in history when technology is poised to redefine what it means to be human, The Fourth Age offers fascinating insight into AI, robotics, and their extraordinary implications for our species. In The Fourth Age, Byron Reese makes the case that technology has reshaped humanity just three times in history: - 100,000 years ago, we harnessed fire, which led to language. - 10,000 years ago, we developed agriculture, which led to cities and warfare. - 5,000 years ago, we invented the wheel and writing, which lead to the nation state. We are now on the doorstep of a fourth change brought about by two technologies: AI and robotics. The Fourth Age provides extraordinary background information on how we got to this point, and how-rather than what-we should think about the topics we'll soon all be facing: machine consciousness, automation, employment, creative computers, radical life extension, artificial life, AI ethics, the future of warfare, superintelligence, and the implications of extreme prosperity. By asking questions like Are you a machine? and Could a computer feel anything? , Reese leads you through a discussion along the cutting edge in robotics and AI, and, provides a framework by which we can all understand, discuss, and act on the issues of the Fourth Age, and how they'll transform humanity.



Strange Bedfellows: Adventures in the Science, History, and Surprising Secrets of STDs

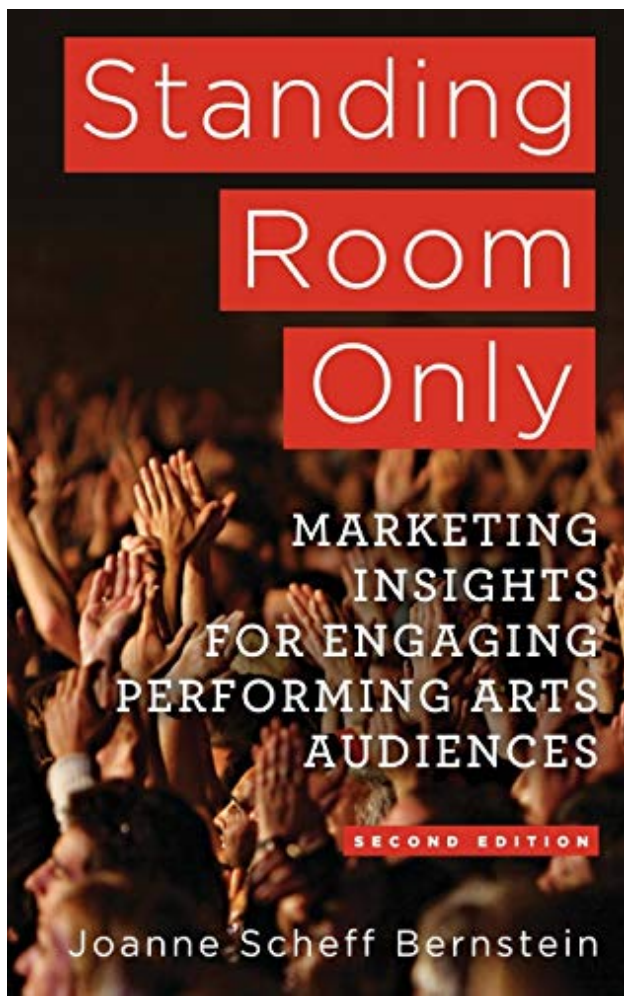
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SKU: 9781250206626

Price: \$587.79

Categories: [BIOLOGY, LIFE SCIENCES](#), [BIOLOGY, LIFE SCIENCES](#), [CLINICAL & INTERNAL MEDICINE](#), [DISEASES & DISORDERS](#), [MEDICAL SCIENCE](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [VENEREAL DISEASES](#)

Product Description



Standing Room Only: Marketing Insights for Engaging Performing Arts Audiences

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SKU: 9781137282934

Price: \$1,469.79

Categories: [ARTS](#), [BUSINESS & MANAGEMENT](#), [ECONOMICS](#), [ECONOMICS](#), [ECONOMICS](#), [FINANCE](#), [BUSINESS AND INDUSTRY](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [Sales & marketing](#), [SCIENCE: GENERAL ISSUES](#), [THEATRE STUDIES](#)

Product Description

Standing Room Only combines practical advice for creating a strategic marketing program and maintaining a successful performing arts organization. This revised edition lays out a framework to navigate the digital age, from online ticketing options, to marketing options in social, and mobile media.



The Cosmic Revolutionary's Handbook: (Or: How to Beat the Big Bang)

[Read More](#)

SKU: 9781108486705

Price: \$481.95

Categories: [ASTRONOMY, SPACE & TIME, ASTRONOMY, SPACE & TIME, COSMOLOGY & THE UNIVERSE, OTHER TECHNOLOGIES, PHILOSOPHY, PHILOSOPHY OF SCIENCE, POPULAR SCIENCE, POPULAR SCIENCE, SCIENCE: GENERAL ISSUES, SCIENCE: GENERAL ISSUES, SPACE SCIENCE, THEORETICAL & MATHEMATICAL ASTRONOMY](#)

Product Description

Free yourself from cosmological tyranny! Everything started in a Big Bang? Invisible dark matter? Black holes? Why accept such a weird cosmos? For all those who wonder about this bizarre universe, and those who want to overthrow the Big Bang, this handbook gives you 'just the facts': the observations that have shaped these ideas and theories. While the Big Bang holds the attention of scientists, it isn't perfect. The authors pull back the curtains, and show how cosmology really works. With this, you will know your enemy, cosmic revolutionary - arm yourself for the scientific arena where ideas must fight for survival! This uniquely-framed tour of modern cosmology gives a deeper understanding of the inner workings of this fascinating field. The portrait painted is realistic and raw, not idealized and airbrushed - it is science in all its messy detail, which doesn't pretend to have all the answers.



Turn Left At Orion: Hundreds of Night Sky Objects to See in a Home Telescope - and How to Find Them (Hundreds of Night Sky Objects to See in a Home Telescope ? and How to Find Them)

[Read More](#)

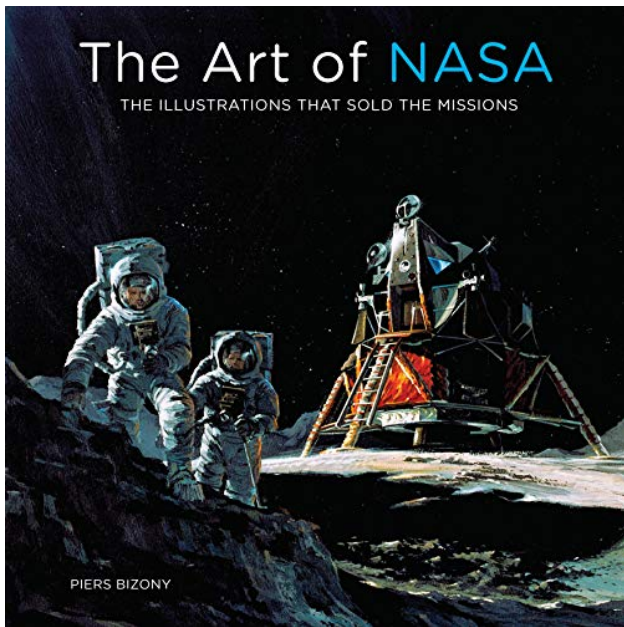
SKU: 9781108457569

Price: \$733.95

Categories: [ASTRONOMICAL CHARTS & ATLASES](#), [ASTRONOMY, SPACE & TIME](#), [ASTRONOMY, SPACE & TIME](#), [NATURAL HISTORY, COUNTRY LIFE & PETS](#), [Popular astronomy & space](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SPORT, TRAVEL AND LEISURE INTERESTS](#)

Product Description

With over 150,000 copies sold since its first publication, this is one of the most popular astronomy books of all time. This unique guidebook to the night sky shows you how to observe a host of celestial wonders. Its distinct format of object-by-object spreads illustrates how deep-sky objects and planets actually look through a small telescope, while its large pages and spiral binding allow for use outside. Along with updated star names and astronomical information, this new edition provides links to a dedicated webpage with up-to-date tables and images, and an improved planets chapter. The many Dobsonian-friendly images and small telescope views have been revised to account for changes in modern telescope technology, such as larger field of view eyepieces. With dedicated chapters on Northern and Southern Hemisphere objects, it's never been easier to explore the night sky, wherever you are. Additional resources are available on the accompanying website: www.cambridge.org/turnleft.



The Art of NASA: The Illustrations That Sold the Missions

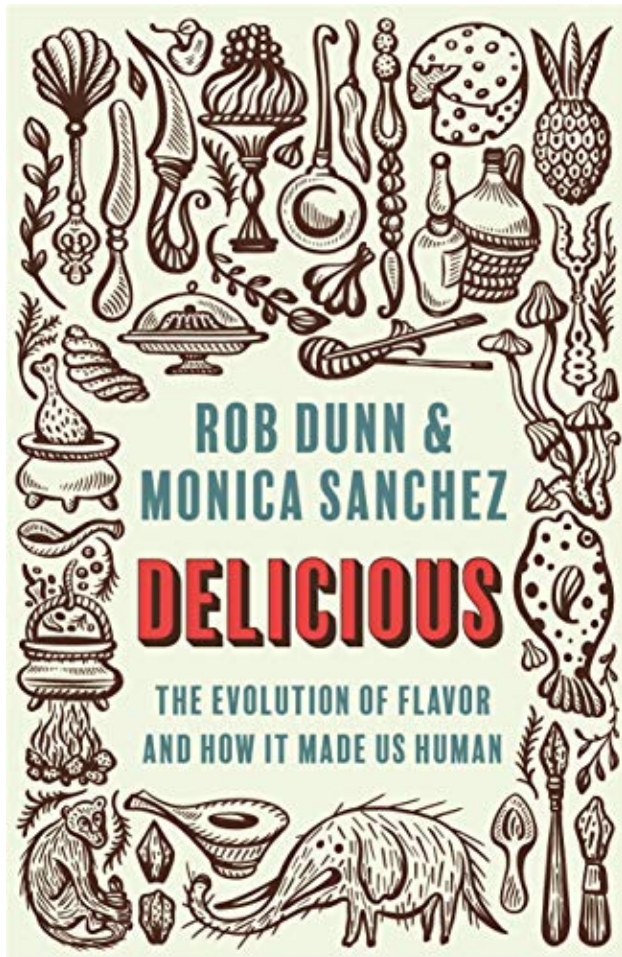
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SKU: 9780760368077

Price: \$1,050.00

Categories: [AEROSPACE & AVIATION TECHNOLOGY](#), [ASTRONAUTICS](#), [OTHER TECHNOLOGIES](#), [OTHER TECHNOLOGIES](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SPACE SCIENCE](#), [TRANSPORT TECHNOLOGY](#), [TRANSPORT TECHNOLOGY](#)

Product Description



Delicious: The Evolution of Flavor and How It Made Us Human

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SKU: 9780691199474

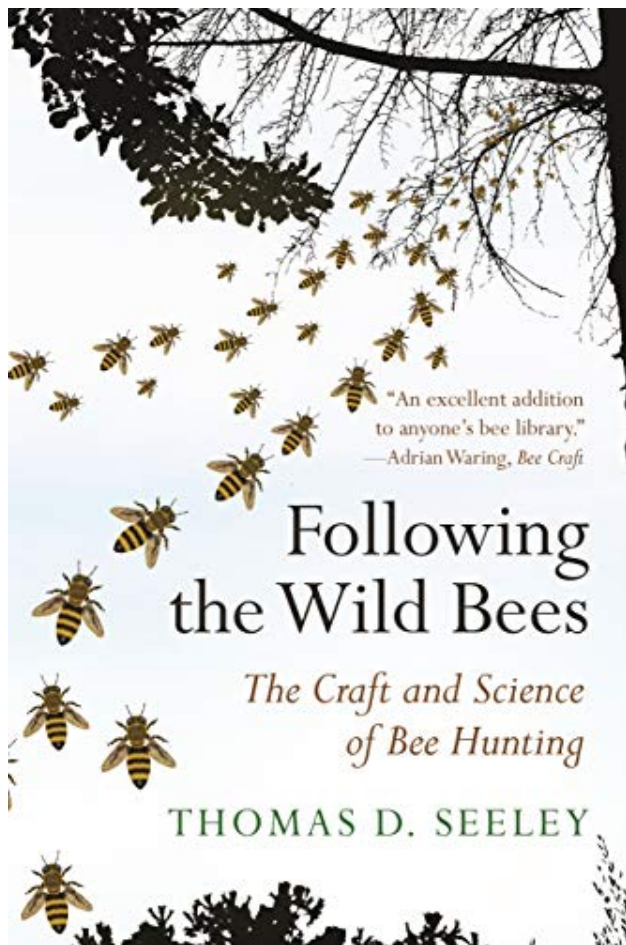
Price: \$586.95

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [BIOLOGY](#), [LIFE SCIENCES](#), [CHEMISTRY](#), [CHEMISTRY](#), [Cultural studies](#), [EVOLUTION](#), [FOOD & BEVERAGE TECHNOLOGY](#), [Food & society](#), [FOOD SCIENCE](#), [INDUSTRIAL CHEMISTRY](#), [INDUSTRIAL CHEMISTRY & MANUFACTURING TECHNOLOGIES](#), [LIFE SCIENCES: GENERAL ISSUES](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SOCIAL SCIENCES](#), [SOCIETY & CULTURE: GENERAL](#)

Product Description

A savory account of how the pursuit of delicious foods shaped human evolution Nature, it has been said, invites us to eat by appetite and rewards by flavor. But what exactly are flavors? Why are some so pleasing

generous helpings of warmth and wit, Rob Dunn and Monica Sanchez offer bold new perspectives on why food is enjoyable and how the pursuit of delicious flavors has guided the course of human history. They consider the role that flavor may have played in the invention of the first tools, the extinction of giant mammals, the evolution of the world's most delicious and fatty fruits, the creation of beer, and our own sociality. Along the way, you will learn about the taste receptors you didn't even know you had, the best way to ferment a mastodon, the relationship between Paleolithic art and cheese, and much more. Blending irresistible storytelling with the latest science, *Delicious* is a deep history of flavor that will transform the way you think about human evolution and the gustatory pleasures of the foods we eat.



Following the Wild Bees: The Craft and Science of Bee Hunting

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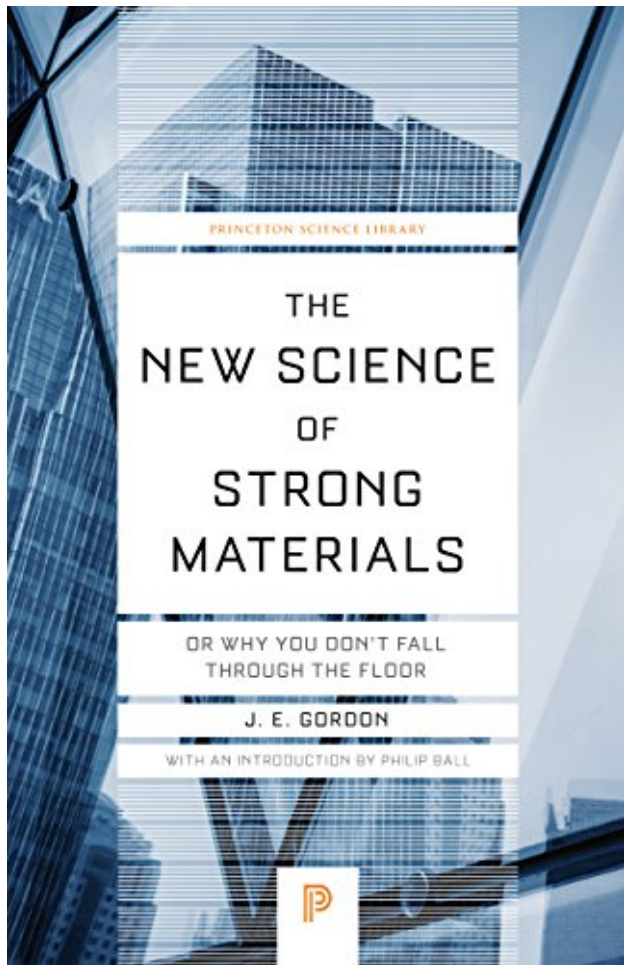
SKU: 9780691191409

Price: \$355.95

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [INSECTS \(ENTOMOLOGY\)](#), [NATURAL HISTORY](#), [COUNTRY LIFE & PETS](#), [NATURAL HISTORY: INSECTS & SPIDERS](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SPORT, TRAVEL AND LEISURE INTERESTS](#), [WILD ANIMALS](#), [ZOOLOGY](#), [ZOOLOGY & ANIMAL SCIENCES](#)

Product Description

A how-to book on an exhilarating outdoor activity and a unique meditation on the pleasures of the natural world *Following the Wild Bees* is a delightful foray into the pastime of bee hunting, an exhilarating outdoor activity that used to be practiced widely but which few people know about today. Weaving informative discussions of bee biology with colorful anecdotes, personal insights, and beautiful photos, Thomas Seeley describes the history and science behind this lost pastime and how anyone can do it. The bee hunter's reward is a thrilling encounter with nature that challenges mind and body while also giving insights into the remarkable behavior of honey bees living in the wild. Whether you're a bee enthusiast or just curious about the natural world, this book is the ideal companion for newcomers to bee hunting and a rare treat for armchair naturalists.



The New Science of Strong Materials: Or Why You Don't Fall through the Floor (Princeton Science Library, 27)

[Read More](#)

SKU: 9780691180984

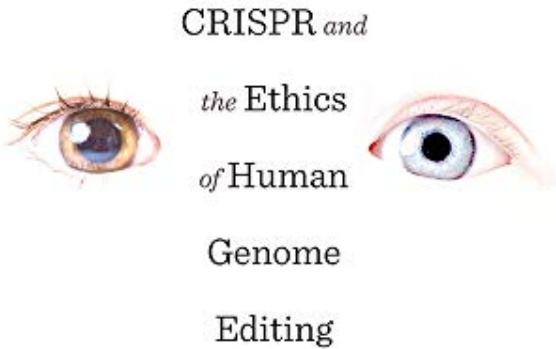
Price: \$418.95

Categories: [MATERIALS SCIENCE](#), [MECHANICAL ENGINEERING & MATERIALS](#), [MECHANICAL ENGINEERING & MATERIALS](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

J. E. Gordon's classic introduction to the properties of materials used in engineering answers some fascinating and fundamental questions about how the structural world around us works. Gordon focuses on so-called strong materials--such as metals, wood, ceramics, glass, and bone--explaining in engaging and accessible terms the unique physical and chemical basis for their inherent structural qualities. He also shows how an in-depth understanding of these materials' intrinsic strengths--and weaknesses--guides our engineering choices, allowing us to build the structures that support our society. This work is an enduring example of first-rate scientific communication. Philip Ball's introduction describes Gordon's career and the impact of his innovations in materials research, while also discussing how the field has evolved since Gordon wrote this enduring example of first-rate scientific communication.

Altered Inheritance



FRANÇOISE BAYLIS

Altered Inheritance: CRISPR and the Ethics of Human Genome Editing

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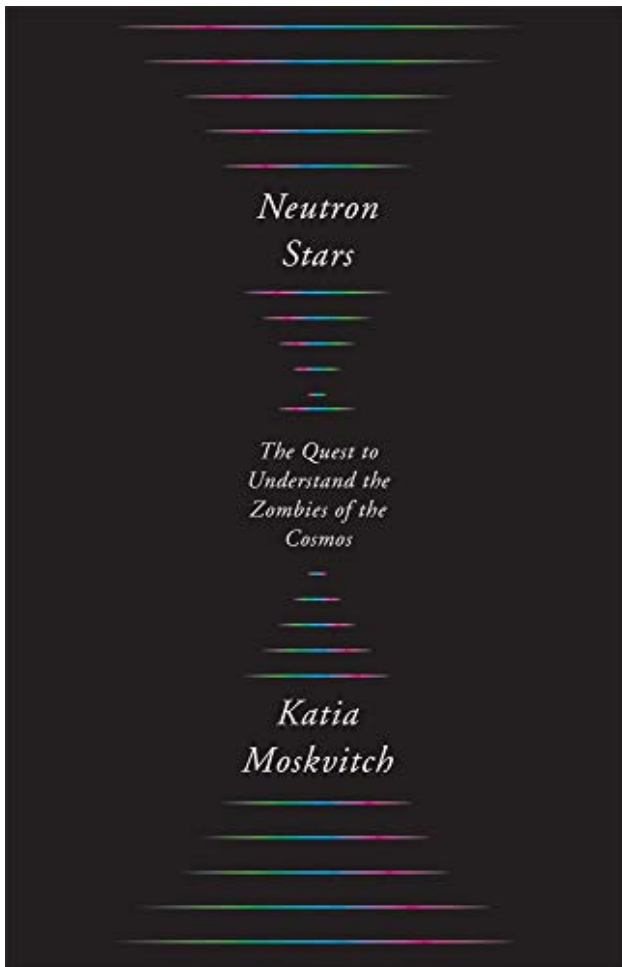
SKU: 9780674976719

Price: \$523.95

Categories: [BIOCHEMICAL ENGINEERING](#), [BIOCHEMICAL ENGINEERING](#), [BIOTECHNOLOGY](#), [Ethics & moral philosophy](#), [Medical ethics & professional conduct](#), [Medical profession](#), [MEDICINE](#), [MEDICINE: GENERAL ISSUES](#), [PHILOSOPHY](#), [PHILOSOPHY OF SCIENCE](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SCIENCE: GENERAL ISSUES](#), [WESTERN PHILOSOPHY](#)

Product Description

A leading bioethicist offers critical insights into the scientific, ethical, and political implications of human genome editing. Designer babies, once found only in science fiction, have become a reality. We are entering a new era of human evolution with the advent of a technology called CRISPR, which allows scientists to modify our genes. Although CRISPR shows great promise for therapeutic use, it raises thorny ethical, legal, political, and societal concerns because it can be used to make permanent changes to future generations. What if changes intended for the good turn out to have unforeseen negative effects? What if the divide between the haves and have-nots widens as a result? Who decides whether we genetically modify human beings and, if so, how? Françoise Baylis insists that we must all have a role in determining our future as a species. The scientists who develop and use genome-editing tools should not be the only ones making decisions about future uses of the technology. Such decisions must be the fruit of a broad societal consensus. Baylis argues that it is in our collective interest to assess and steer the development and implementation of biomedical technologies. Members of the public with different interests and diverse perspectives must be among the decision makers; only in this way can we ensure that societal concerns are taken into account and that responsible decisions are made. We must be engaged and informed, think critically, and raise our voices as we create our future together. Sharp, rousing, timely, and thought-provoking, *Altered Inheritance* is essential reading. The future of humanity is in our hands.



Neutron Stars: The Quest to Understand the Zombies of the Cosmos

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Price: \$628.95

Categories: [APPLIED PHYSICS & SPECIAL TOPICS](#), [ASTRONOMY, SPACE & TIME](#), [ASTRONOMY, SPACE & TIME](#), [ASTROPHYSICS, COSMOLOGY & THE UNIVERSE](#), [NATURAL HISTORY, COUNTRY LIFE & PETS, PHYSICS, PHYSICS](#), [Popular astronomy & space](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SPORT, TRAVEL AND LEISURE INTERESTS](#)

Product Description

The astonishing science of neutron stars and the stories of the scientists who study them. Neutron stars are as bewildering as they are elusive. The remnants of exploded stellar giants, they are tiny, merely twenty kilometers across, and incredibly dense. One teaspoon of a neutron star would weigh several million tons. They can spin up to a thousand times per second, they possess the strongest magnetic fields known in nature, and they may be the source of the most powerful explosions in the universe. Through vivid storytelling and on-site reporting from observatories all over the world, *Neutron Stars* offers an engaging account of these still-mysterious objects. Award-winning science journalist Katia Moskvitch takes readers from the vast Atacama Desert to the arid plains of South Africa to visit the magnificent radio telescopes and brilliant scientists responsible for our knowledge of neutron stars. She recounts the exhilarating discoveries, frustrating disappointments, and heated controversies of the past several decades and explains cutting-edge research into such phenomena as colliding neutron stars and fast radio bursts: extremely powerful but ultra-short flashes in space that scientists are still struggling to understand. She also shows how neutron stars have advanced our broader understanding of the universe—shedding light on topics such as dark matter, black holes, general relativity, and the origins of heavy elements like gold and platinum—and how we might one day use these cosmic beacons to guide interstellar travel. With clarity and passion, Moskvitch describes what we are learning at the boundaries of astronomy, where stars have life beyond death.

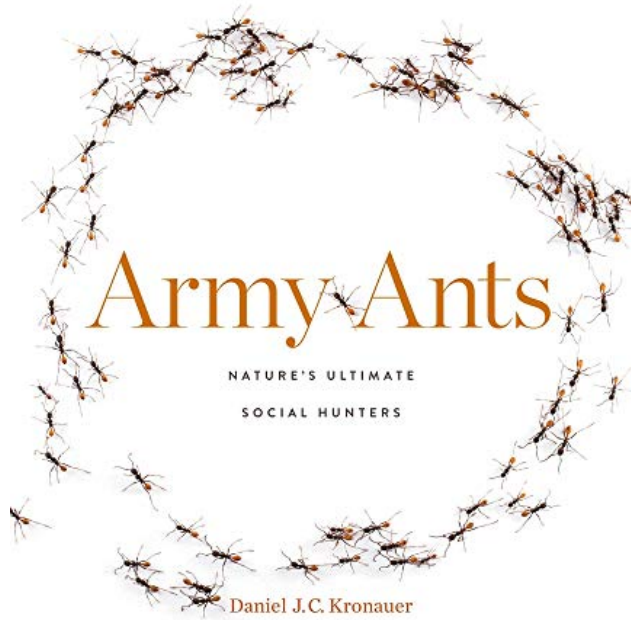
Army Ants: Nature's Ultimate Social Hunters

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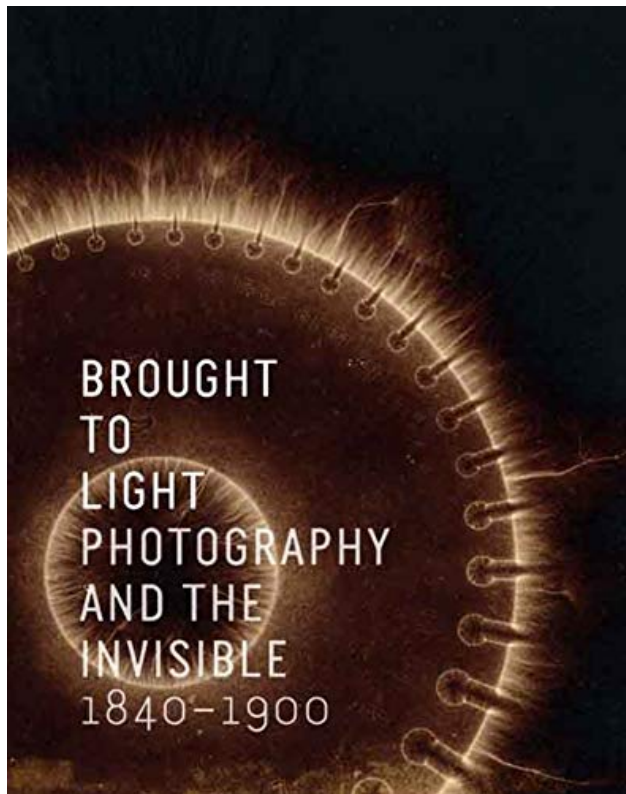
Price: \$1,365.00

Categories: [ANIMAL BEHAVIOUR](#), [BIOLOGY](#), [LIFE SCIENCES](#), [BIOLOGY](#), [LIFE SCIENCES](#), [ELECTRONICS & COMMUNICATIONS ENGINEERING](#), [ELECTRONICS & COMMUNICATIONS ENGINEERING](#), [ELECTRONICS ENGINEERING](#), [INSECTS \(ENTOMOLOGY\)](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [ROBOTICS](#), [SCIENCE: GENERAL ISSUES](#), [VETERINARY SCIENCE](#), [ZOOLOGY](#), [ZOOLOGY & ANIMAL SCIENCES](#), [ZOOLOGY & ANIMAL SCIENCES](#)



Product Description

A richly illustrated, captivating study of army ants, nature's preeminent social hunters. A swarm raid is one of nature's great spectacles. In tropical rainforests around the world, army ants march in groups by the thousands to overwhelm large solitary invertebrates, along with nests of termites, wasps, and other ants. They kill and dismember their prey and carry it back to their nest, where their hungry brood devours it. They are the ultimate social hunters, demonstrating the most fascinating collective behavior. In *Army Ants* we see how these insects play a crucial role in promoting and sustaining the biodiversity of tropical ecosystems. The ants help keep prey communities in check while also providing nutrition for other animals. Many species depend on army ants for survival, including a multitude of social parasites, swarm-following birds, and flies. And while their hunting behavior, and the rules that govern it, are clearly impressive, army ants display collective behavior in other ways that are no less dazzling. They build living nests, called bivouacs, using their bodies to protect the queen and larvae. The ants can even construct bridges over open space or obstacles by linking to one another using their feet. These incredible feats happen without central coordination. They are the result of local interactions-self-organization that benefits the society at large. Through observations, stories, and stunning images, Daniel Kronauer brings these fascinating creatures to life. Army ants may be small, but their collective intelligence and impact on their environment are anything but.



Brought to Light: Photography and the Invisible, 1840-1900

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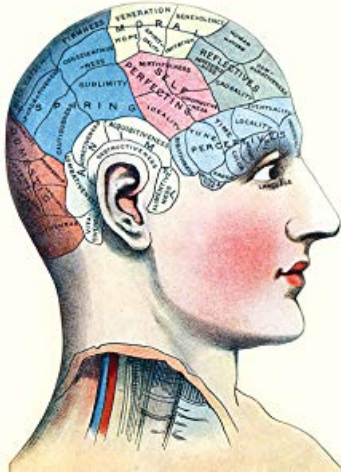
Price: \$355.95

Categories: [BIOLOGY](#), [LIFE SCIENCES](#), [BIOLOGY](#), [LIFE SCIENCES](#), [HISTORY OF SCIENCE](#), [LIFE SCIENCES: GENERAL ISSUES](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#), [SCIENCE: GENERAL ISSUES](#), [SCIENCE: GENERAL ISSUES](#), [TAXONOMY & SYSTEMATICS](#)

PSEUDOSCIENCE

The Conspiracy Against Science

EDITED BY
ALLISON B. KAUFMAN AND
JAMES C. KAUFMAN



Pseudoscience: The Conspiracy Against Science (The MIT Press)

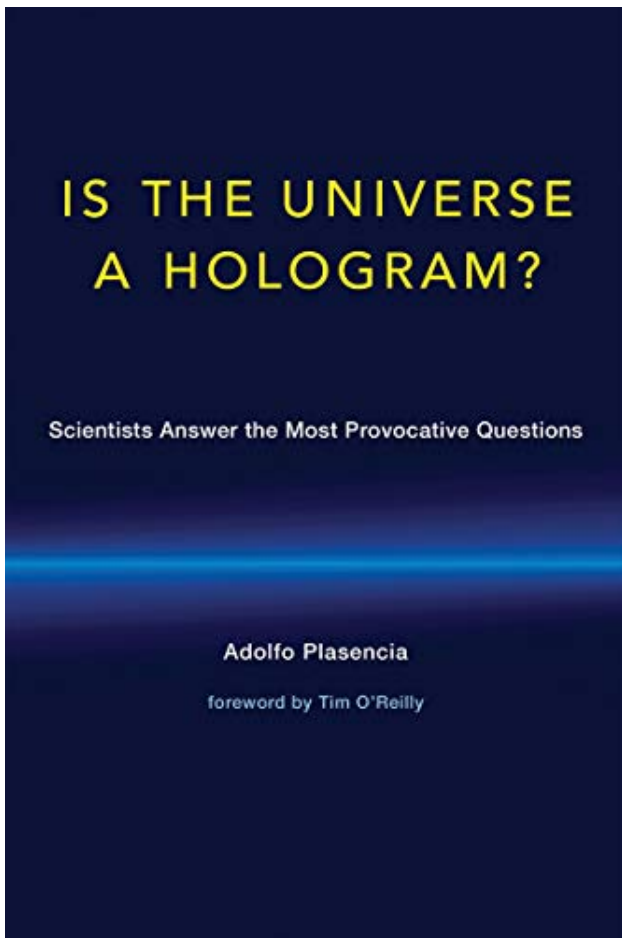
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Product Description



Is the Universe a Hologram?: Scientists Answer the Most Provocative Questions (The MIT Press)

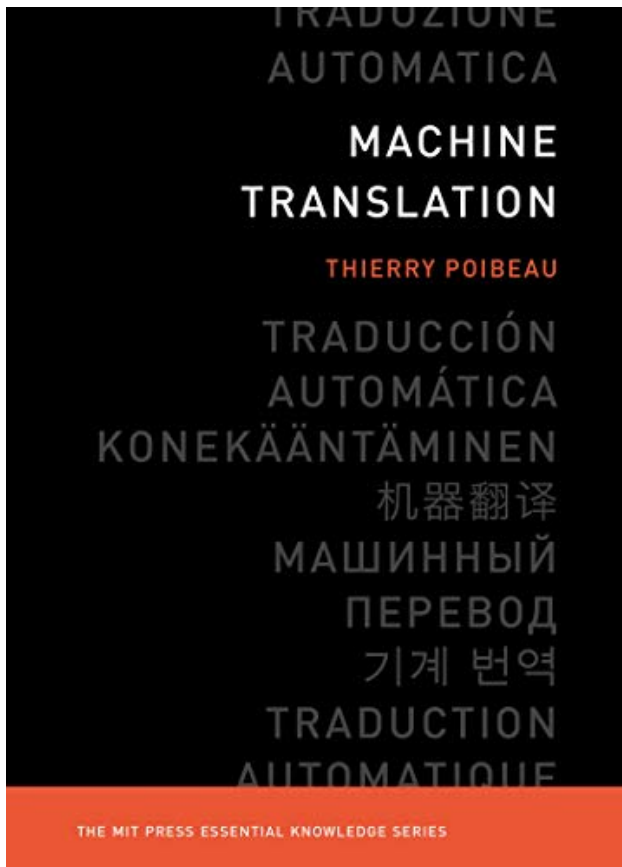
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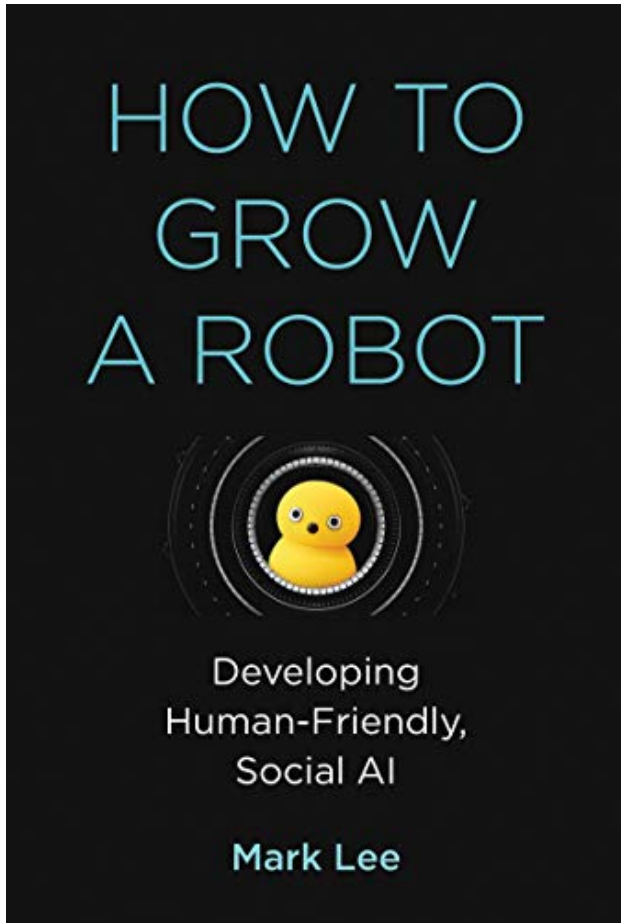
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WHEN BLOOD BREAKS DOWN

LIFE LESSONS
FROM LEUKEMIA

MIKKAEL A. SEKERES
Essayist for the *New York Times*

When Blood Breaks Down: Life Lessons from Leukemia (The MIT Press)

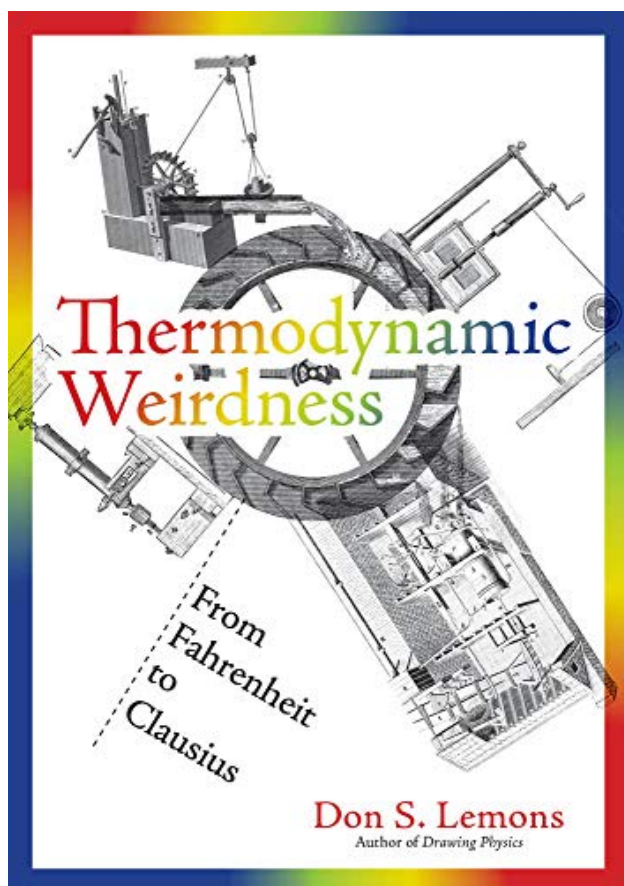
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Product Description



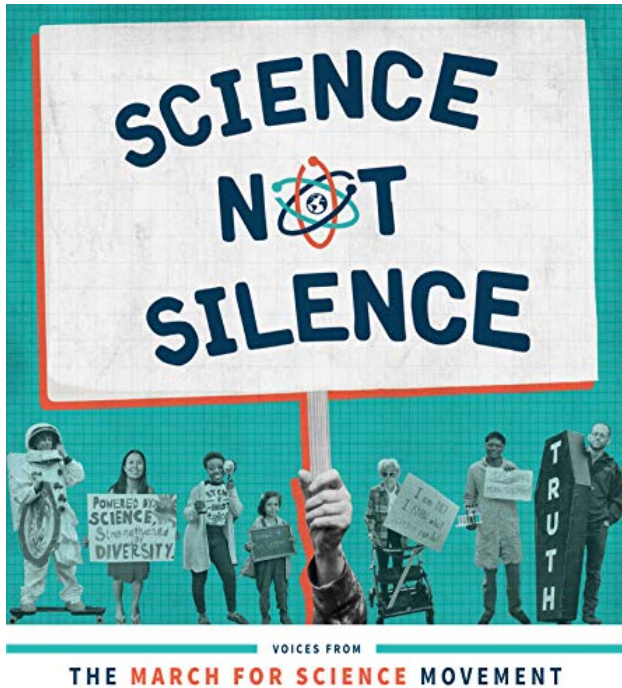
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Product Description



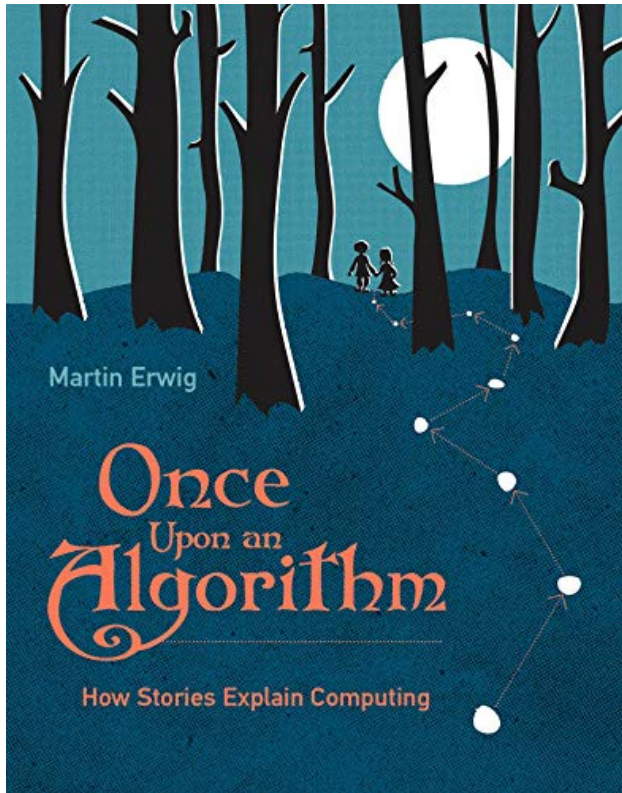
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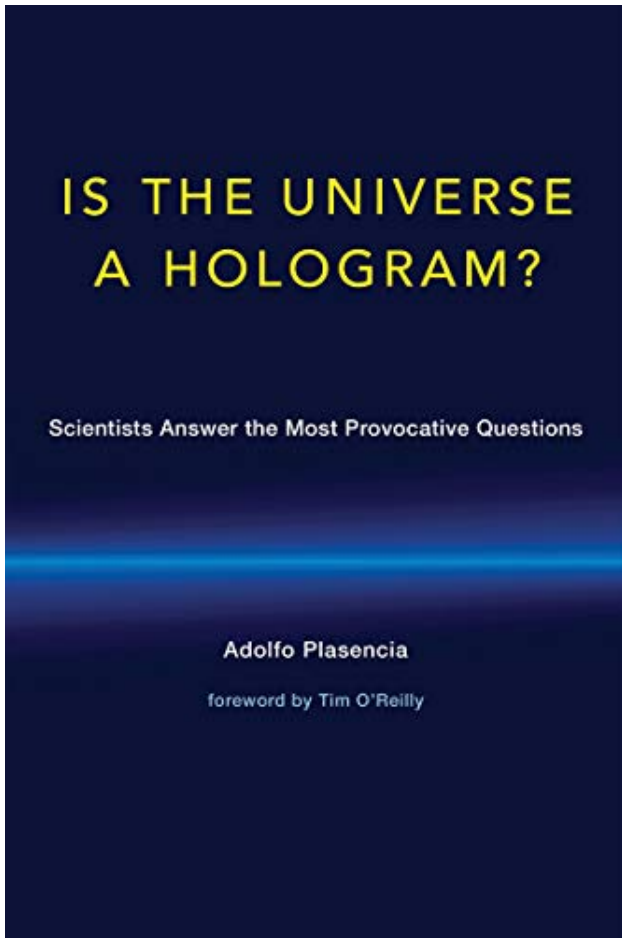
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Product Description



Is the Universe a Hologram?: Scientists Answer the Most Provocative Questions (The MIT Press)

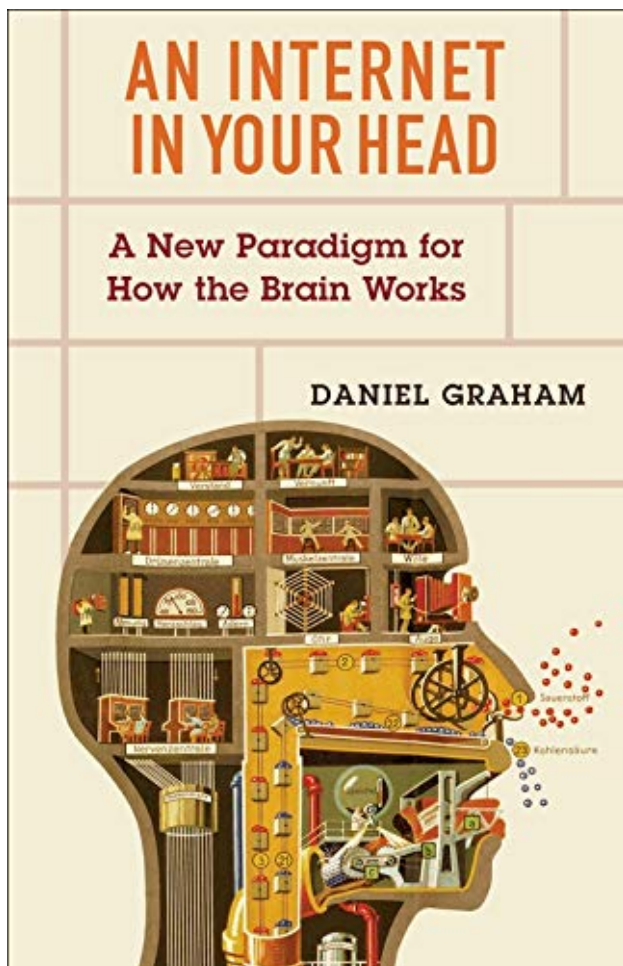
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Product Description



An Internet in Your Head: A New Paradigm for How the Brain Works

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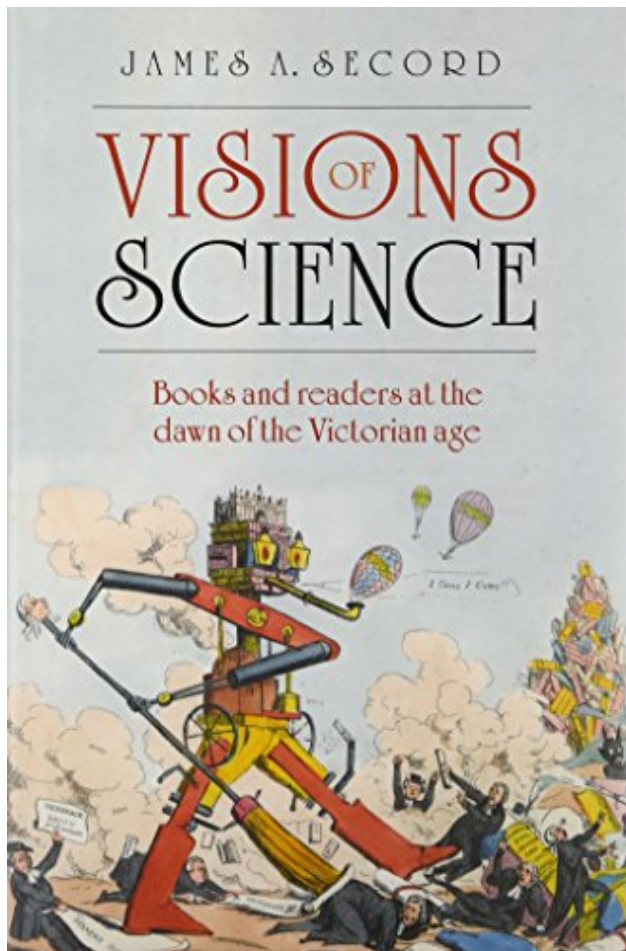
SKU: 9780231196048

Price: \$630.00

Categories: [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

Whether we realize it or not, we think of our brains as computers. In neuroscience, the metaphor of the brain as a computer has defined the field for much of the modern era. But as neuroscientists increasingly reevaluate their assumptions about how brains work, we need a new metaphor to help us ask better questions. The computational neuroscientist Daniel Graham offers an innovative paradigm for understanding the brain. He argues that the brain is not like a single computer-it is a communication system, like the internet. Both are networks whose power comes from their flexibility and reliability. The brain and the internet both must route signals throughout their systems, requiring protocols to direct messages from just about any point to any other. But we do not yet understand how the brain manages the dynamic flow of information across its entire network. The internet metaphor can help neuroscience unravel the brain's routing mechanisms by focusing attention on shared design principles and communication strategies that emerge from parallel challenges. Highlighting similarities between brain connectivity and the architecture of the internet can open new avenues of research and help unlock the brain's deepest secrets. *An Internet in Your Head* presents a clear-eyed and engaging tour of brain science as it stands today and where the new paradigm might take it next. It offers anyone with an interest in brains a transformative new way to conceptualize what goes on inside our heads.



Visions of Science: Books and Readers at the Dawn of the Victorian Age

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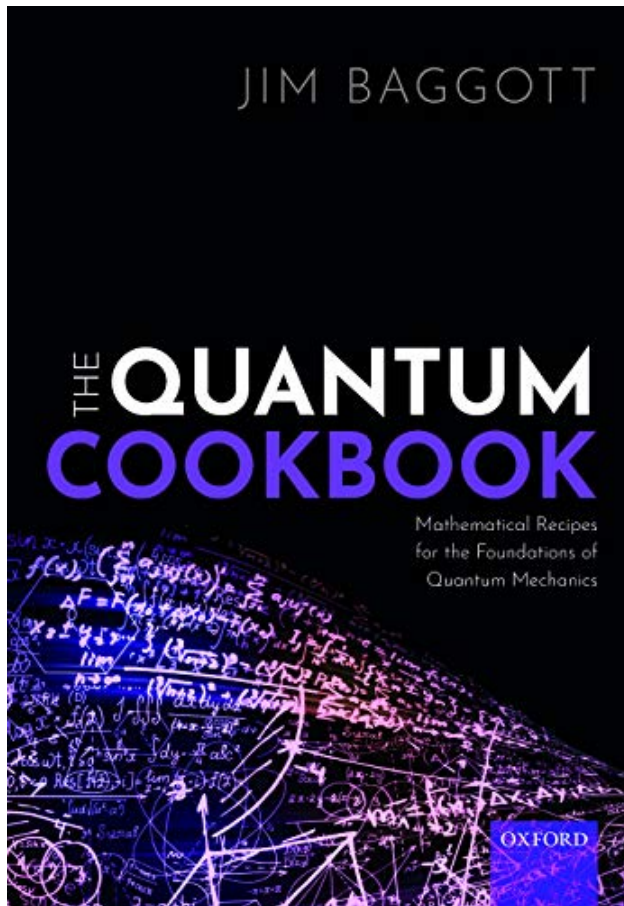
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Product Description



The Quantum Cookbook: Mathematical Recipes for the Foundations of Quantum Mechanics

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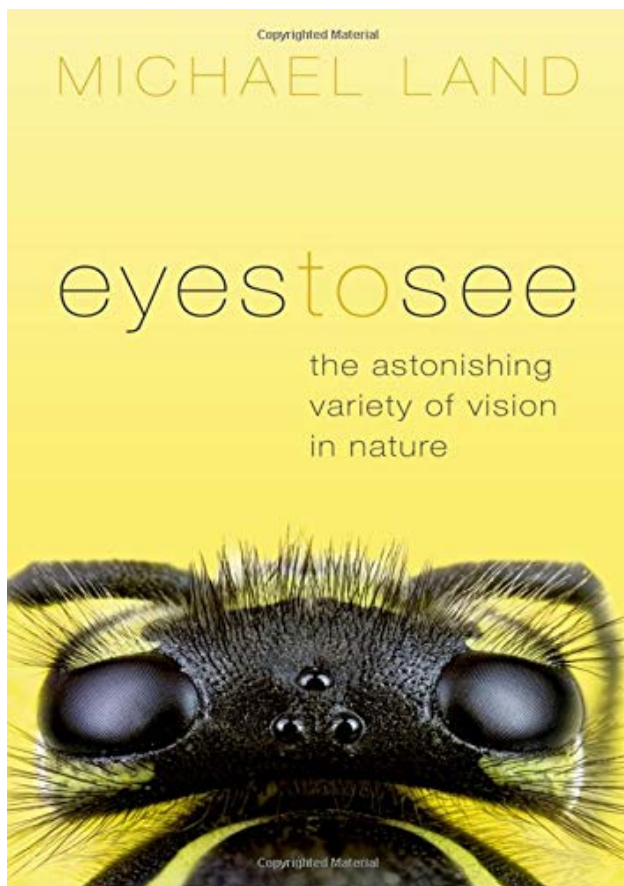
SKU: 9780198827863

Price: \$565.95

Categories: [CLASSICAL MECHANICS \(PHYSICS\)](#), [PHYSICS](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [Quantum physics \(quantum mechanics & quantum field theory\)](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

Quantum mechanics is an extraordinarily successful scientific theory. But it is also completely mad. Although the theory quite obviously works, it leaves us chasing ghosts and phantoms; particles that are waves and waves that are particles; cats that are at once both alive and dead; lots of seemingly spooky goings-on; and a desperate desire to lie down quietly in a darkened room. The Quantum Cookbook explains why this is. It provides a unique bridge between popular exposition and formal textbook presentation, written for curious readers with some background in physics and sufficient mathematical capability. It aims not to teach readers how to do quantum mechanics but rather helps them to understand how to think about quantum mechanics. Each derivation is presented as a 'recipe' with listed ingredients, including standard results from the mathematician's toolkit, set out in a series of easy-to-follow steps. The recipes have been written sympathetically, for readers who - like the author - will often struggle to follow the logic of a derivation which misses out steps that are 'obvious', or which use techniques that readers are assumed to know.



Eyes to See: The Astonishing Variety of Vision in Nature

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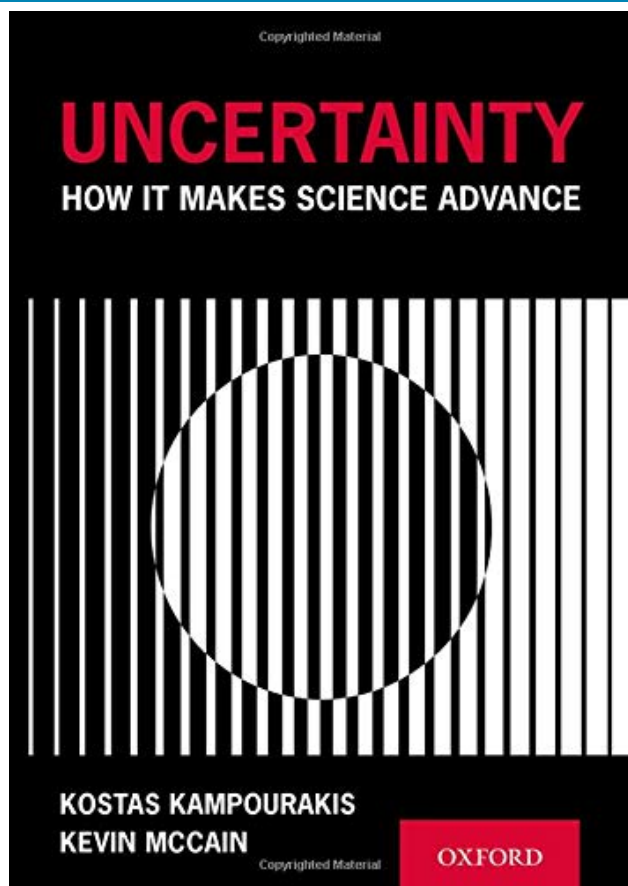
SKU: 9780198747710

Price: \$523.95

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Product Description

Vision is the sense by which we and other animals obtain most of our information about the world around us. Darwin appreciated that at first sight it seems absurd that the human eye could have evolved by natural selection. But we now know far more about vision, the many times it has independently evolved in nature, and the astonishing variety of ways to see. The human eye, with a lens forming an image on a sensitive retina, represents just one. Scallops, shrimps, and lobsters all use mirrors in different ways. Jumping spiders scan with their front-facing eyes to check whether the object in front is an insect to eat, another spider to mate with, or a predator to avoid. Mantis shrimps can even measure the polarization of light. Animal eyes are amazing structures, often involving precision optics and impressive information processing, mainly using wet protein - not the substance an engineer would choose for such tasks. In *Eyes to See*, Michael Land, one of the leading world experts on vision, explores the varied ways in which sight has evolved and is used in the natural world, and describes some of the ingenious experiments researchers have used to uncover its secrets. He also discusses human vision, including his experiments on how our eye movements help us to do everyday tasks, as well as skilled ones such as sight-reading music or driving. He ends by considering the fascinating problem of how the constantly shifting images from our eyes are converted in the brain into the steady and integrated conscious view of the world we experience.



Uncertainty: How It Makes Science Advance

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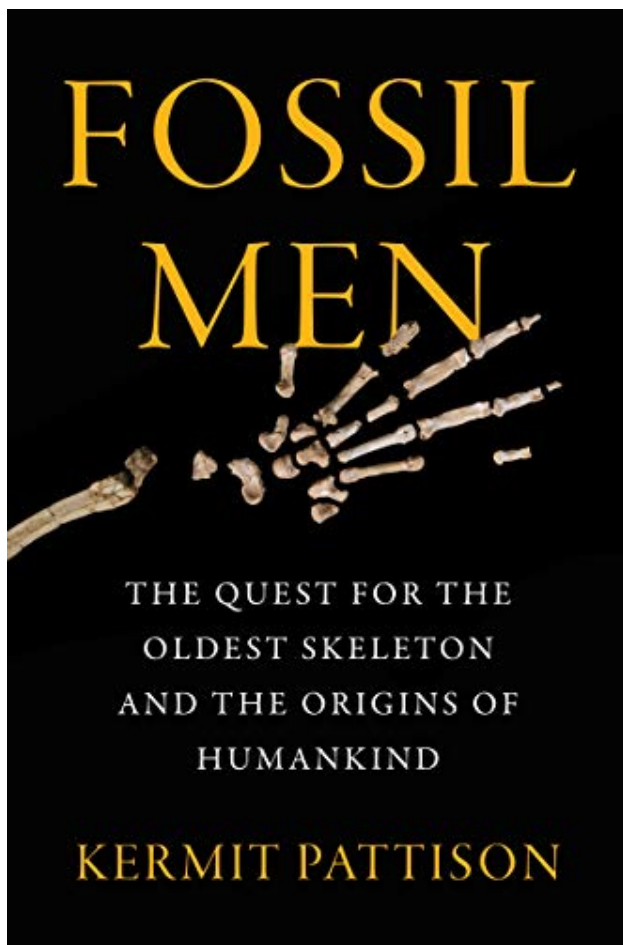
SKU: 9780190871666

Price: \$670.95

Categories: [Cognitivism, cognitive theory](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [Psychological theory & schools of thought](#), [PSYCHOLOGY](#), [SCIENCE: GENERAL ISSUES](#), [SOCIAL SCIENCES](#)

Product Description

Scientific knowledge is the most solid and robust kind of knowledge that humans have because of the self-correcting character inherent in its own processes. Nevertheless, anti-evolutionists, climate denialists, and anti-vaxxers, among others, question some of the best-established scientific findings, making claims that are unsupported by empirical evidence. A common aspect of these claims is the reference to the uncertainties in these areas of research, which leads to the conclusion that science is uncertain about evolution, climate change, and vaccination, among others. The truth of the matter is that while the broad picture is clear, there exist-and will always exist-uncertainties about the details of the respective phenomena. In this book Kampourakis and McCain show that uncertainty is an inherent feature of science that does not devalue it. In contrast, uncertainty actually makes science advance because it motivates further research. The first book of its kind, *Uncertainty* draws on philosophy of science to explain what uncertainty in science is and how it makes science advance. It contrasts evolution, climate change, and vaccination, where the uncertainties are exaggerated, to genetic testing and forensic science where the uncertainties are usually overlooked. Kampourakis and McCain discuss the scientific, psychological, and philosophical aspects of uncertainty in order to explain what it is really about, what kind of problems it actually poses, and why it ultimately makes science advance. Contrary to the public representations of scientific findings and conclusions that produce an intuitive but distorted view of science as certain, we need to understand and learn to live with uncertainty in science.



Fossil Men: The Quest for the Oldest Skeleton and the Origins of Humankind

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SKU: 9780062410283

Price: \$682.50

Categories: [BIOLOGY, LIFE SCIENCES](#), [BIOLOGY, LIFE SCIENCES](#), [EARTH SCIENCES](#), [EARTH SCIENCES](#), [EVOLUTION](#), [LIFE SCIENCES: GENERAL ISSUES](#), [PALAEOLOGY](#), [POPULAR SCIENCE](#), [POPULAR SCIENCE](#), [SCIENCE: GENERAL ISSUES](#)

Product Description

Riveting. ... Pattison's uncanny ability [is] to write evocatively about science. ... In this, he is every bit as good as the best scientist writers. -New York Times Book Review (Editors' Choice) Brilliant. ... A work of staggering depth. -Minneapolis Star Tribune A decade in the making, Fossil Men is a scientific detective story played out in anatomy and the natural history of the human body: the first full-length account of the discovery of a startlingly unpredicted human ancestor more than a million years older than Lucy It is the ultimate mystery: where do we come from? In 1994, a team led by fossil-hunting legend Tim White uncovered a set of ancient bones in Ethiopia's Afar region. Radiometric dating of nearby rocks indicated the resulting skeleton, classified as *Ardipithecus ramidus*-nicknamed Ardi -was an astounding 4.4 million years old, more than a million years older than the world-famous Lucy. The team spent the next 15 years studying the bones in strict secrecy, all while continuing to rack up landmark fossil discoveries in the field and becoming increasingly ensnared in bitter disputes with scientific peers and Ethiopian bureaucrats. When finally revealed to the public, Ardi stunned scientists around the world and challenged a half-century of orthodoxy about human evolution-how we started walking upright, how we evolved our nimble hands, and, most significantly, whether we were descended from an ancestor that resembled today's chimpanzee. But the discovery of Ardi wasn't just a leap forward in understanding the roots of humanity--it was an attack on scientific convention and the leading authorities of human origins, triggering an epic feud about the oldest family skeleton. In Fossil Men, acclaimed journalist Kermit Pattison brings us a cast of eccentric, obsessive scientists, including White, an uncompromising perfectionist whose virtuoso skills in the field were matched only by his propensity for making enemies; Gen Suwa, a Japanese savant whose deep expertise about teeth rivaled anyone on Earth; Owen Lovejoy, a onetime creationist-turned-paleoanthropologist with radical insights into human locomotion; Berhane Asfaw, who survived imprisonment and torture to become Ethiopia's most senior paleoanthropologist; Don Johanson, the discoverer of Lucy, who had a rancorous falling out with the Ardi team; and the Leakeys, for decades the most famous family in paleoanthropology.

investigation into the origins of the human lineage, but the oldest of human emotions: curiosity, jealousy, perseverance and wonder.
