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# Pale Blue Dot A Vision Of The Human Future In Spa

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Around the World in 80 Trains

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From Eternity to Here Simon and Schuster

WINNER OF THE NATIONAL GEOGRAPHIC TRAVELLER AWARD FOR BEST TRAVEL BOOK SHORTLISTED FOR THE STANFORD DOLMAN TRAVEL BOOK OF THE YEAR AWARD 'Monisha Rajesh has chosen one of the best ways of seeing the world. Never too fast, never too slow, her journey does what trains do best. Getting to the heart of things. Prepare for a very fine ride' Michael Palin From the cloud-skimming heights of Tibet's Qinghai railway to silk-sheeted splendour on the Venice Simplon-Orient-Express, *Around the World in 80 Trains* is a celebration of the glory of train travel and a witty and irreverent look at the world. Packing up her rucksack - and her fiancé, Jem - Monisha Rajesh embarks on an unforgettable adventure that takes her from London's St Pancras station to the vast expanses of Russia and Mongolia, North Korea, Canada, Kazakhstan, and beyond. The journey is one of constant movement and mayhem, as the pair strike up friendships and swap stories with the hilarious, irksome and ultimately endearing travellers they meet on board, all while taking in some of the earth's most breathtaking views.

'Africa Forms the Key' Bloomsbury Publishing

This book examines the work of prominent South African geologist Alex Du Toit as a means of understanding the debate around continental drift both in segregation-era South Africa and internationally. It contextualises Du Toit's work within a particularly formative period of South African science, from the paleoanthropological discoveries that sparked debates about the origins of humankind to Jan Smuts' own theory of holism. Beyond South African scientific discoveries, the book sets Du Toit's work against a backdrop of ideological struggles over space, both domestically in terms of segregation and nationalism, as well as internationally as South Africa sought to assert its position within the Commonwealth. These debates were embodied by Du Toit's work on the theory of continental drift, which put Africa - and South Africa - at the centre geologically and geographically. The

author also focuses on the divisions in geology caused by drift theory, tracing the vigorous intellectual debate and dissent indicative of the ideological milieu within which scientific thought is constructed. It traces the history of continental drift from its inception in the nineteenth century and later work of Alfred Wegener, which was both elaborated upon and substantiated by Du Toit. The study further focuses on Du Toit's research on continental drift in South African and South America, and the geological, fossil and climatological evidence used to bolster this theory.

Intelligent Life in the Universe Ballantine Books

NATIONAL BESTSELLER • "Exciting and provocative . . . A tour de force of a book that begs to be seen as well as to be read."—The Washington Post Book World World renowned scientist Carl Sagan and acclaimed author Ann Druyan have written a Roots for the human species, a lucid and riveting account of how humans got to be the way we are. *Shadows of Forgotten Ancestors* is a thrilling saga that starts with the origin of the Earth. It shows with humor and drama that many of our key traits—self-awareness, technology, family ties, submission to authority, hatred for those a little different from ourselves, reason, and ethics—are rooted in the deep past, and illuminated by our kinship with other animals. Sagan and Druyan conduct a breathtaking journey through space and time, zeroing in on critical turning points in evolutionary history, and tracing the origins of sex, altruism, violence, rape, and dominance. Their book culminates in a stunningly original examination of the connection between primate and human traits. Astonishing in its scope, brilliant in its insights, and an absolutely compelling read, *Shadows of Forgotten Ancestors* is a triumph of popular science.

Finding Our Place in the Universe Ballantine Books

What are these graceful visitors to our skies? We now know that they bring both life and death and teach us about our origins. *Comet* begins with a breathtaking journey through space astride a comet. Pulitzer Prize-winning astronomer Carl Sagan, author of *Cosmos* and *Contact*, and writer Ann Druyan explore the origin, nature, and future of comets, and the exotic myths and portents attached to them. The authors show how comets have spurred

some of the great discoveries in the history of science and raise intriguing questions about these brilliant visitors from the interstellar dark. Were the fates of the dinosaurs and the origins of humans tied to the wanderings of a comet? Are comets the building blocks from which worlds are formed? Lavishly illustrated with photographs and specially commissioned full-color paintings, *Comet* is an enthralling adventure, indispensable for anyone who has ever gazed up at the heavens and wondered why. Praise for *Comet* "Simply the best." —The Times of London "Fascinating, evocative, inspiring." —The Washington Post "Comet humanizes science. A beautiful, interesting book." —United Press International "Masterful . . . science, poetry, and imagination." —The Atlanta Journal & Constitution

**Other Worlds** MIT Press

Since the beginning of human history Mars has been an alluring dream; the stuff of legends, gods, and mystery. The planet most like ours, it has still been thought impossible to reach, let alone explore and inhabit. Now with the advent of a revolutionary new plan, all this has changed. Leading space exploration authority Robert Zubrin has crafted a daring new blueprint, *Mars Direct*, presented here with illustrations, photographs, and engaging anecdotes. The Case for Mars is not a vision for the far future or one that will cost us impossible billions. It explains step-by-step how we can use present-day technology to send humans to Mars within ten years; actually produce fuel and oxygen on the planet's surface with Martian natural resources; how we can build bases and settlements; and how we can one day "terraform" Mars; a process that can alter the atmosphere of planets and pave the way for sustainable life.

*The Moral Obligation to be Intelligent* CUP Archive

"Claire stimulated a desire to know more about how to use existing skills in new and simplified ways. An altogether great book."—Clive Avril, Executive Coach and Mentor (ACC) "This is the kind of book that, after reading, you will want to have nearby for easy reference and reminders. I suspect that the well-worn pages will be a symbol of the book's lasting contribution to coaching - and to transformational conversations. A clear, concise summation of coaching that will benefit the new and the

seasoned coach alike.” —J. Val Hastings, MCC and President of Coaching4TodaysLeaders and Coaching4Clergy Fundamentally, coaching is about enabling someone to feel heard and to access new insights into their own life. But how can you facilitate someone else’s thinking when you don’t know what they already know? It is almost impossible to remember models and questions whilst giving your companion your full attention at the same time. Coaching simply means that you can listen and notice more, getting quickly to the heart of the conversation. Whether you are brand new to coaching, are a trained coach who has lost confidence, or have many years’ experience coaching at a senior level, this deeply practical book will teach you how to:

- Do less so that your companion can do more
- Understand why saying what you see is more useful than listening to any particular story
- Put boundaries around a conversation, making it more effective for your companion and easier for you
- Tailor how you sit and how you speak to allow a collaborative environment
- End any conversation in partnership

Tailored to help the practising coach, this deeply practical book is nonetheless useful for anyone who has conversations with people. Claire Pedrick has been coaching for over 30 years. A coach, mentor coach and coaching supervisor, she trains managers, leaders and experienced coaches across multiple sectors to reap the benefits of working more simply. Claire is the Founding Partner of 3D Coaching.

Carl Sagan Ballantine Books

Pulitzer Prize-winning author and astronomer Carl Sagan imagines the greatest adventure of all—the discovery of an advanced civilization in the depths of space. In December of 1999, a multinational team journeys out to the stars, to the most awesome encounter in human history. Who—or what—is out there? In *Cosmos*, Carl Sagan explained the universe. In *Contact*, he predicts its future—and our own.

Lonely Hearts of the Cosmos National Geographic Books

A thrilling nonfiction tour of the cosmos that brings the universe down to Earth, from one of the all-time masters of science fiction. No one makes sense out of science like Isaac Asimov. Are you puzzled by pulsars? Baffled by black holes? Bewildered by the big bang? If so, here are succinct, crystal-clear answers to more than one hundred of the most significant questions about the essential nature of the universe—questions that have fired the imagination since the beginning of history. Over the course of this fantastic

voyage, the origins, the discoveries, and the stunning achievements of astronomy will unfold before your eyes. You will experience close encounters with giant planets, exploding stars, distant galaxies, and more. For anyone who has ever asked the ultimate questions, who has ever looked up at the sky and asked What in heaven is going on?, Isaac Asimov’s unique vision, skill, and authority will bring the big picture into focus. “A fine introduction to modern astronomical theory.”—Library Journal

For Small Creatures Such as We Penguin

This urgent and eye-opening book makes the case that protecting humanity’s future is the central challenge of our time. If all goes well, human history is just beginning. Our species could survive for billions of years - enough time to end disease, poverty, and injustice, and to flourish in ways unimaginable today. But this vast future is at risk. With the advent of nuclear weapons, humanity entered a new age, where we face existential catastrophes - those from which we could never come back. Since then, these dangers have only multiplied, from climate change to engineered pathogens and artificial intelligence. If we do not act fast to reach a place of safety, it will soon be too late. Drawing on over a decade of research, *The Precipice* explores the cutting-edge science behind the risks we face. It puts them in the context of the greater story of humanity: showing how ending these risks is among the most pressing moral issues of our time. And it points the way forward, to the actions and strategies that can safeguard humanity. An Oxford philosopher committed to putting ideas into action, Toby Ord has advised the US National Intelligence Council, the UK Prime Minister’s Office, and the World Bank on the biggest questions facing humanity. In *The Precipice*, he offers a startling reassessment of human history, the future we are failing to protect, and the steps we must take to ensure that our generation is not the last. “A book that seems made for the present moment.” —New Yorker

The Privileged Planet W. W. Norton & Company

“Ann Druyan has unearthed a treasure. It is a treasure of reason, compassion, and scientific awe. It should be the next book you read.” —Sam Harris, author of *The End of Faith* “A stunningly valuable legacy left to all of us by a great human being. I miss him so.” —Kurt Vonnegut Carl Sagan’s prophetic vision of the tragic resurgence of fundamentalism and the hope-filled potential of the next great development in human spirituality The late great

astronomer and astrophysicist describes his personal search to understand the nature of the sacred in the vastness of the cosmos. Exhibiting a breadth of intellect nothing short of astounding, Sagan presents his views on a wide range of topics, including the likelihood of intelligent life on other planets, creationism and so-called intelligent design, and a new concept of science as “informed worship.” Originally presented at the centennial celebration of the famous Gifford Lectures in Scotland in 1985 but never published, this book offers a unique encounter with one of the most remarkable minds of the twentieth century.

**A Beautiful Question** Ballantine Books

“A charming book, ringing with the joy of existence.” -- Richard Dawkins “This lyrical exploration of how we can find beauty in the natural world comes from the daughter of Carl Sagan . . . A wonderful gift for your favorite reader.” --Good Housekeeping The perfect gift for a loved one or for yourself, *For Small Creatures Such as We* is part memoir, part guidebook, and part social history, a luminous celebration of Earth’s marvels that require no faith in order to be believed. Sasha Sagan was raised by secular parents, the astronomer Carl Sagan and the writer and producer Ann Druyan. They taught her that the natural world and vast cosmos are full of profound beauty, that science reveals truths more wondrous than any myth or fable. When Sagan herself became a mother, she began her own hunt for the natural phenomena behind our most treasured occasions--from births to deaths, holidays to weddings, anniversaries, and more--growing these roots into a new set of rituals for her young daughter that honor the joy and significance of each experience without relying on religious framework. As Sagan shares these rituals, *For Small Creatures Such as We* becomes a moving tribute to a father, a newborn daughter, a marriage, and the natural world--a celebration of life itself, and the power of our families and beliefs to bring us together.

**Art** Vintage

A fascinating book on the joys of discovering how the world works, by the Pulitzer Prize-winning author of *Cosmos* and *Shadows of Forgotten Ancestors*. “Magnificent . . . Delightful . . . A masterpiece. A message of tremendous hope for humanity . . . While ever conscious that human folly can terminate man’s march into the future, Sagan nonetheless paints for us a mind-boggling future: intelligent robots, the discovery of extraterrestrial life and

its consequences, and above all the challenge and pursuit of the mystery of the universe.”—Chicago Tribune “Go out and buy this book, because Carl Sagan is not only one of the world’s most respected scientists, he’s a great writer. . . . I can give a book no greater accolade than to say I’m planning on reading it again. And again. And again.”—The Miami Herald “The brilliant astronomer . . . is persuasive, provocative and readable.”—United Press International “Closely reasoned, impeccably researched, gently humorous, utterly devastating.”—The Washington Post

**Everything All at Once** Fawcett

Does the universe embody beautiful ideas? Artists as well as scientists throughout human history have pondered this “beautiful question.” With Nobel laureate Frank Wilczek as your guide, embark on a voyage of related discoveries, from Plato and Pythagoras up to the present. Wilczek’s groundbreaking work in quantum physics was inspired by his intuition to look for a deeper order of beauty in nature. This is the deep logic of the universe—and it is no accident that it is also at the heart of what we find aesthetically pleasing and inspiring. Wilczek is hardly alone among great scientists in charting his course using beauty as his compass. As he reveals in *A Beautiful Question*, this has been the heart of scientific pursuit from Pythagoras and the ancient belief in the music of the spheres to Galileo, Newton, Maxwell, Einstein, and into the deep waters of twentieth-century physics. Wilczek brings us right to the edge of knowledge today, where the core insights of even the craziest quantum ideas apply principles we all understand. The equations for atoms and light are almost the same ones that govern musical instruments and sound; the subatomic particles that are responsible for most of our mass are determined by simple geometric symmetries. Gorgeously illustrated, *A Beautiful Question* is a mind-shifting book that braids the age-old quest for beauty and the age-old quest for truth into a thrilling synthesis. It is a dazzling and important work from one of our best thinkers, whose humor and infectious sense of wonder animate every page. Yes: The world is a work of art, and its deepest truths are ones we already feel, as if they were somehow written in our souls.

**Simplifying Coaching: How to Have More Transformational Conversations by Doing Less** Penguin

Finalist for the National Book Critics Circle Award: the “intensely exciting” story of a group of brilliant scientists who set out to

answer the deepest questions about the origin of the universe and changed the course of physics and astronomy forever (Newsday). In southern California, nearly a half century ago, a small band of researchers — equipped with a new 200-inch telescope and a faith born of scientific optimism — embarked on the greatest intellectual adventure in the history of humankind: the search for the origin and fate of the universe. Their quest would eventually engulf all of physics and astronomy, leading not only to the discovery of quasars, black holes, and shadow matter but also to fame, controversy, and Nobel Prizes. *Lonely Hearts of the Cosmos* tells the story of the men and women who have taken eternity on their shoulders and stormed nature in search of answers to the deepest questions we know to ask. “Written with such wit and verve that it is hard not to zip through in one sitting.” —Washington Post

**Isaac Asimov's Guide to Earth and Space** Tor Books

From stone age to space age, every human who has looked up at the night sky has seen the same stars in the same patterns. They reveal our entire history, as well as hinting at our ultimate fate. In *Beneath the Night*, Stuart Clark tells the full story of this relationship. From prehistoric cave art and Ancient Egyptian zodiacs to the modern era of satellites and space exploration, Clark reveals the history of a fascination that has shaped our scientific understanding; helped us navigate the terrestrial world; provided inspiration for our poets, artists and philosophers; and given us a place to project our hopes and fears. This is the story of the universe, and our place within it.

**The Varieties of Scientific Experience** Faber & Faber

A physicist describes how life emerges from the random motion of atoms through sophisticated cellular machinery and describes the long quest to determine the true nature of life from ancient Greece to the study of modern nanotechnology. 20,000 first printing.

**Pale Blue Dot** Rodale Books

A study of the defining characteristics of men, and the Y chromosome in their DNA, draws on scientific research to explore such issues as the potential for a male homosexual gene and the genetic causes of male aggression.

**Broca's Brain** Hachette Books

This book provides a unique discussion of human evolution from a philosophical viewpoint, looking at the facts and interpretations

since Charles Darwin's *The Descent of Man*. Michael Ruse explores such topics as the nature of scientific theories, the relationships between culture and biology, the problem of progress and the extent to which evolutionary issues pose problems for religious beliefs. He identifies these issues, highlighting the problems for morality in a world governed by natural selection. By taking a philosophical viewpoint, the full ethical and moral dimensions of human evolution are examined. This book engages the reader in a thorough discussion of the issues, appealing to students in philosophy, biology and anthropology.

**Shadows of Forgotten Ancestors** Springer Nature

How a team of researchers, led by the author, discovered our home galaxy's location in the universe. You are here: on Earth, which is part of the solar system, which is in the Milky Way galaxy, which itself is within the extragalactic supercluster Laniakea. And how can we pinpoint our location so precisely? For twenty years, astrophysicist H el ene Courtois surfed the cosmos with international teams of researchers, working to map our local universe. In this book, Courtois describes this quest and the discovery of our home supercluster. Courtois explains that Laniakea (which means “immense heaven” in Hawaiian) is the largest galaxy structure known to which we belong; it is huge, almost too large to comprehend—about five hundred million light-years in diameter. It contains about 100,000 large galaxies like our own, and a million smaller ones. Writing accessibly for nonspecialists, Courtois describes the visualization and analysis that allowed her team to map such large structures of the universe. She highlights the work of individual researchers, including portraits of several exceptional women astrophysicists—presenting another side of astronomy. Key ideas are highlighted in text insets; illustrations accompany the main text. The French edition of this book was named the Best Astronomy Book of 2017 by the astronomy magazine *Ciel et espace*. For this MIT Press English-language edition, Courtois has added descriptions of discoveries made after Laniakea: the cosmic velocity web and the Dipole and Cold Spot repellers. An engaging account of one of the most important discoveries in astrophysics in recent years, her story is a tribute to teamwork and international collaboration.

**Comet** Emerson Adams PressInc

In the New York Times bestseller *Everything All at Once*, Bill Nye shows you how thinking like a nerd is the key to changing yourself and the world around you. Everyone has an inner nerd just waiting to be awakened by the right passion. In *Everything All at Once*, Bill Nye will help you find yours. With his call to arms, he wants you to examine every detail of the most difficult problems that look unsolvable—that is, until you find the solution. Bill shows you how to develop critical thinking skills and create change,

using his “everything all at once” approach that leaves no stone unturned. Whether addressing climate change, the future of our society as a whole, or personal success, or stripping away the mystery of fire walking, there are certain strategies that get results: looking at the world with relentless curiosity, being driven by a desire for a better future, and being willing to take the actions needed to make change happen. He shares how he came to create this approach—starting with his Boy Scout training (it turns out that a practical understanding of science and

engineering is immensely helpful in a capsizing canoe) and moving through the lessons he learned as a full-time engineer at Boeing, a stand-up comedian, CEO of The Planetary Society, and, of course, as Bill Nye The Science Guy. This is the story of how Bill Nye became Bill Nye and how he became a champion of change and an advocate of science. It’s how he became The Science Guy. Bill teaches us that we have the power to make real change. Join him in... dare we say it... changing the world.