

The Secret Life Of Trees How They Live And Why Matter Penguin Press Science Colin Tudge

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The Long, Long Life of Trees University of Chicago Press
From the New York Times–bestselling author of The Hidden Life of Trees. “ The Inner Life of Animals will rock your world. This book shows us that animals think, feel and know in much the same way as we do. ” —Sy Montgomery, bestselling author of The Soul of an Octopus Through vivid stories of devoted pigs, two-timing magpies, and scheming roosters, The Inner Life of Animals weaves the latest scientific research into how animals interact with the world with Peter Wohlleben’s personal experiences in forests and fields. We learn that horses feel shame, deer grieve, and goats discipline their kids. Ravens call their friends by name, rats regret bad choices, and butterflies choose the very best places for their children to grow up. In this captivating book, Peter Wohlleben follows the hugely successful The Hidden Life of Trees with insightful stories into the emotions, feelings, and intelligence of animals around us. Animals are different from us in ways that amaze us—and they are also much closer to us than we ever would have thought. “ Wry, avuncular, careful and kind. . . Each story adds to a widening vision of intelligence, emotion and relationship. ” —The Guardian Published in Partnership with the David Suzuki Institute
Finding the Mother Tree Greystone Books Ltd
A REESE’S BOOK CLUB PICK Winner of the 2022 BookTube Silver Medal in Fiction * Shortlisted for the Women’s Prize for Fiction "A wise novel of love and grief, roots and branches, displacement and home, faith and belief. Balm for our bruised times." -David Mitchell, author of Utopia Avenue A rich, magical new novel on belonging and identity, love and trauma, nature and renewal, from the Booker-shortlisted author of 10 Minutes 38 Seconds in This Strange World. Two teenagers, a Greek Cypriot and a Turkish Cypriot, meet at a taverna on the island they both call home. In the taverna, hidden beneath garlands of garlic, chili peppers and creeping honeysuckle, Kostas and Defne grow in their forbidden love for each other. A fig tree stretches through a cavity in the roof, and this tree bears witness to their hushed, happy meetings and eventually, to their silent, surreptitious departures. The tree is there when war breaks out, when the capital is reduced to ashes and rubble, and when the teenagers vanish. Decades later, Kostas returns. He is a botanist looking for native species, but really, he’s searching for lost love. Years later a Ficus carica grows in the back garden of a house in London where Ada Kazantzakis lives. This tree is her only connection to an island she has never visited--- her only connection to her family’s troubled history and her complex identity as she seeks to untangle years of secrets to find her place in the world. A moving, beautifully written, and delicately constructed story of love, division, transcendence, history, and eco-consciousness, The Island of Missing Trees is Elif Shafak’s best work yet.
Alana and the Secret Life of Trees at Night W. W. Norton & Company
INSTANT NATIONAL BESTSELLER NEW YORK TIMES BESTSELLER *WINNER of the 2021 Banff Mountain Book Prize in Mountain Environment and Natural History* *WINNER of the National Outdoor Book Award for Natural History Literature* *SHORTLISTED for the 2022 BC and Yukon Hubert Evans Non-Fiction Book Prize* *SHORTLISTED for the 2022 BC and Yukon Bill Duthie Booksellers’ Choice Award* *SHORTLISTED for the 2021 Science Writers and Communicators of Canada Book Award* A world-leading expert shares her amazing story of discovering the communication that exists between trees, and shares her own story of family and grief. Suzanne Simard is a pioneer on the frontier of plant communication and intelligence; she’s been compared to Rachel Carson, hailed as a scientist who conveys complex, technical ideas in a way that is dazzling and profound. Her work has influenced filmmakers (the Tree of Souls in James Cameron’s Avatar), and her TED talks have been viewed by more than 10 million people worldwide. Now, in her first book, Simard brings us into her world, the intimate world of the trees, in which she brilliantly illuminates the fascinating and vital truths—that trees are not simply the source of timber or pulp but are a complicated, interdependent circle of life; that forests are social, cooperative creatures connected through underground networks by which trees communicate their vitality and vulnerabilities with communal lives not that different from our own. Simard describes up close—in revealing and accessible ways—how trees, living side by side for hundreds of years, have evolved; how they perceive one another, learn and adapt their behaviors, recognize neighbors, and remember the past; how they have agency about their future; how they elicit warnings and mount defenses, compete and cooperate with one another with sophistication: characteristics

previously ascribed to human intelligence, traits that are the essence of civil societies. And, at the center of it all, the Mother Trees: the mysterious, powerful forces that connect and sustain the others that surround them.Simard, born and raised in the rain forests of British Columbia, spent her days as a child cataloging the trees from the forest; she came to love and respect them and embarked on a journey of discovery and struggle. Her powerful story is one of love and loss, of observation and change, of risk and reward. And it is a testament to how deeply human scientific inquiry exists beyond data and technology: it’s about understanding who we are and our place in the world. In her book, as in her groundbreaking research, Simard proves the true connectedness of the Mother Tree to the forest, nurturing it in the profound ways that families and humansocieties nurture one another, and how these inseparable bonds enable all our survival.
The Night Life of Trees BoD – Books on Demand
WINNER OF THE AAAS/SUBARU PRIZE FOR EXCELLENCE IN SCIENCE BOOKS BASED ON THE NEW YORK TIMES BESTSELLER THE HIDDEN LIFE OF TREES This interactive and illustrated book for kids aged 8-10 introduces the wonderful science of the forest through outdoor activities, quizzes, fun facts, photographs, and more! Discover the secret life of trees with this nature and science book for kids: Can You Hear the Trees Talking? shares the mysteries and magic of the forest with young readers, revealing what trees feel, how they communicate, and the ways trees take care of their families. The author of The Hidden Life of Trees, Peter Wohlleben, tells kids about the forest internet, aphids who keep ants as pets, nature’s water filters, and more fascinating things that happen under the canopy. Featuring simple activities kids can try on their own, along with quizzes, photographs, and more, Can You Hear the Trees Talking? covers a range of amazing topics including: How trees talk to each other (hint: through the wood wide web!) Why trees are important in the city How trees make us healthy and strong How trees get sick, and how we can help them get better This engaging and visually stunning book encourages learning and fun as kids discover the wonder of the natural world outside their windows. "Lush full-color photos and pictures create an immersive experience and the layout facilitates engaged, delighted learning. ...this book may prompt frequent family visits to, and a new appreciation for, neighborhood trees and local forests." –Washington Parent
The Secret Life of Plants Bloomsbury Publishing USA
Behind the cedar scent of fresh pencil shavings and the slightly bitter tang of orange in our marmalade are untold stories of human interactions with the natural world. Celebrating the human heritage of these and other natural phenomena, the new Hidden Natural Histories series offers fascinating insight into the cultivation and use of the bits of nature we take for granted in our daily lives. In Trees, noted garden writer Noel Kingsbury turns his pen—or pencil—to the leafy life-forms that have warmed our hearths, framed our boats for ocean voyaging, and provided us shade on summer afternoons. From the fortitude of the ancient ginkgo tree to artistic depictions of quince fruit in the ruins of Pompeii, Kingsbury explores the culinary, medicinal, cultural, and practical uses of a forest of tree species. Packed with informative and beautiful illustrations—both new and from historical archives—Trees will charm and enlighten anyone interested in our relationship with the natural world and will be a special delight for every gardener, chef, and climber of trees.
Reading Group Choices HarperCollins UK
The age of trees often inspires awe, from the redwoods of California to English oaks. We wonder how they live so long, and how they really work after all, trees provide us with air to breathe, fruits to eat, and wood to build

with - and they do the same for thousands of creatures and plants. The Secret Life of Trees explores the way trees work and what they are, finding out how they communicate, how they tell the time, how they came to exist, and much much more. Strange and surprising, this witty and informative book will make everyone fall in love with the trees around them.
Into the Forest Greystone Books Ltd
My arms stretch out all day long. I can be climbed, but I ’ m not a mountain. What am I? I am Oakheart, the oldest tree in the forest! Did you know that trees can talk to each other? Or that the oldest living thing is a tree? Let the ancient and mysterious Oakheart, the oldest and wisest tree in the forest, lead you through this beautiful guide to trees. Learn all about how they grow and survive, the many different types, why they are so important to humans, and tree folklore from around the world. Oakheart knows all the trees ’ secrets, and he ’ s going to share them with you! This collection of delightful stories and engaging facts will impart a love of nature, and inspire you to look after the world around you. Whimsical and detailed illustrations have pride of place in magical tales that mix natural history with a splash of fantasy, creating a book that you will pore over time and again. Can You Hear The Trees Talking? Lane, Allen
Fiona Stafford offers intimate, detailed explorations of seventeen common trees, from ash and apple to pine, oak, cypress, and willow. Stafford discusses practical uses of wood past and present, tree diseases and environmental threats, and trees’ potential contributions toward slowing global climate change
Your Brain On Nature Greystone Books Ltd
As well as offering wood and charcoal fuels, timber for buildings and ships, latex rubber, dyes, shade, shelter from the weather, fruits and nuts to enjoy and poisons to avoid, trees provide the world with oxygen while their roots stabilize soil to prevent flooding and erosion. Moreover, bark, roots, leaves, flowers, fruits or seeds also offer medicinal products. Meanwhile, the forest has ever been a magical place inspiring writers and poets such as C S Lewis, J R R Tolkien, Shakespeare, Wordsworth and Coleridge. The Secret Language of Trees explores fifty different species of tree. It looks at the history of the tree, its medicinal and other uses, as well as its language meaning and symbolism. Each entry is supported by a beautiful watercolour of the tree itself as well as its leaves or fruit.
Peter and the Tree Children University of Chicago Press
The author travels from his own back garden around the world to explore the beauty, variety and ingenuity of trees everywhere, from how they live so long to how they talk to each other, and why they came to exist in the first place.
The Hidden Life of Trees: What They Feel, How They Communicate New Word City
In The Hidden Life of Trees, Peter Wohlleben shares his deep love of woods and forests and explains the amazing processes of life, death, and regeneration he has observed in the woodland and the amazing scientific processes behind the wonders of which we are blissfully unaware. Much like human families, tree parents live together with their children, communicate with them, and support them as they grow, sharing nutrients with those who are sick or struggling and creating an ecosystem that mitigates the impact of extremes of heat and cold for the whole group. As a result of such interactions, trees in a family or community are protected and can live to be very old. In contrast, solitary trees, like street kids, have a tough time of it and in most cases die much earlier than those in a group. Drawing on groundbreaking new discoveries, Wohlleben presents the science behind the secret and previously unknown life of trees and their communication abilities; he describes how these discoveries have informed his own practices in the forest around him. As he says, a happy forest is a healthy forest, and he believes that eco-friendly practices not only are economically sustainable but also benefit the health of our planet and the mental

and physical health of all who live on Earth.

The Great Gatsby Greystone Books Ltd

Explore the inner world of plants and its fascinating relation to mankind, as uncovered by the latest discoveries of science. A perennial bestseller. In this truly revolutionary and beloved work, drawn from remarkable research, Peter Tompkins and Christopher Bird cast light on the rich psychic universe of plants. Now available in a new edition, *The Secret Life of Plants* explores plants' response to human care and nurturing, their ability to communicate with man, plants' surprising reaction to music, their lie-detection abilities, their creative powers, and much more. Tompkins and Bird's classic book affirms the depth of humanity's relationship with nature and adds special urgency to the cause of protecting the environment that nourishes us.

The Oldest Living Things in the World Greystone Books

For millennia, trees have offered renewal and inspiration. They have provided for humanity on every level, from spiritual sanctuary to the raw material for our homes, books, and food. In this beautiful and revealing book, National Geographic combines legendary photography with cutting-edge science to illuminate exactly how trees influence the life of planet Earth--from our personal lives to the weather cycle. Beautifully illustrated essays tell the stories of the world's most remarkable trees, from Tane Mahura in New Zealand, the ancient Maori "lord of the forest," to Pando, a single aspen spreading over 100 acres: Earth's largest living thing. You'll also discover how an astronaut carried tree seeds to the moon and back; the reason "microdosing" on tree gas is a sure way to boost your immune system; and why playing in the dirt boosts serotonin, happiness hormone. For nature and science enthusiasts, as well as photography lovers, *Into the Forest* is a beautiful and edifying gift to give or cherish.

The Uninhabitable Earth William Collins

The passionate response of the British public to the Newbury Bypass is a revealing measure of how strongly people feel about trees and the environment. Similarly, in the United States, the giant sequoia of California is an enduring national symbol that inspires intense feelings. As rainforests are sacrificed to the interests of multi-national corporations and traditional ways of life disappear, the status of forests, the cultural significance of trees, and the impact of conservation policies are subjects that have inspired intense engagement. Why do people feel so strongly about trees? With this explosion of interest in environmental issues, a serious study of what trees mean to people has long been overdue. This interdisciplinary book responds to this need by providing the first cross-cultural analysis of tree symbolism. Drawing on rich case studies, contributors explore the processes through which trees are used as metaphors of identity and continuity. Political struggles over forest resources feature prominently, and the perceptions of trees in various cultures provide telling insights into the ways in which human societies conceptualize nature. As well as being a major contribution to the field of symbolic anthropology, this comprehensive study will be essential reading for students in a wide range of courses and for anyone with a keen interest in the politics of ecology, the occult and neo-paganism, and the history and sociology of environmentalism in its widest sense.

Lab Girl Penguin

Winner of the Pulitzer Prize in Fiction Shortlisted for the Man Booker Prize New York Times Bestseller A New York Times Notable Book and a Washington Post, Time, Oprah Magazine, Newsweek, Chicago Tribune, and Kirkus Reviews Best Book of 2018 "The best novel ever written about trees, and really just one of the best novels, period." —Ann Patchett *The Overstory*, winner of the 2019 Pulitzer Prize in Fiction, is a sweeping, impassioned work of activism and resistance that is also a stunning evocation of—and paean to—the natural world. From the roots to the crown and back to the seeds, Richard Powers' s twelfth novel unfolds in concentric rings of interlocking fables that range from antebellum New York to the late twentieth-century Timber Wars of the Pacific Northwest and beyond. There is a world alongside ours—vast, slow, interconnected, resourceful, magnificently inventive, and almost invisible to us. This is the story of a handful of people who learn how to see that world and who are drawn up into its unfolding catastrophe.

The Overstory: A Novel Penguin UK

In *The Secret Therapy of Trees*, Marco Mencagli and Marco Nieri explore the relationship between plants and organisms, and illustrate how to benefit from nature's positive impact on our psychological and physical well-being. Our connection to nature is deeply rooted in the history of our evolution. And yet, we have less contact with green space now than ever, and our stress and anxiety levels are at an all-time high. *The Secret Therapy of Trees* helps us rediscover the restorative value of our natural environment and presents the science behind green therapies like forest bathing and bioenergetic landscapes, explaining which are the most effective and how to put them into practice to achieve the best possible results. Studies have shown that increased exposure to green space can result in a regulated heartbeat, lowered blood pressure, reduced aggressiveness, improved memory skills and cognitive

function, and a healthier immune system. Just one visit to a forest can bring positive effects (hint: monoterpenes, the natural essential oils in plants, have numerous positive effects on health), and even a mindful walk through a semi natural park can alleviate physical and psychological stress. With multiple studies backing its findings and thorough explanations for each technique, *The Secret Therapy of Trees* is a treasure trove of tips on how to harness the regenerative power of plants and reconnect with our planet's natural spaces, bringing us health and happiness. You'll also discover: * Which plants purify the environment at home and in the office * The benefits of negative ions and where to find them * How to recharge through contact with trees

The Hidden Life of Trees University of Chicago Press

National Bestseller Winner of the National Book Critics Circle Award for Autobiography A New York Times Notable Book Geobiologist Hope Jahren has spent her life studying trees, flowers, seeds, and soil. *Lab Girl* is her revelatory treatise on plant life—but it is also a celebration of the lifelong curiosity, humility, and passion that drive every scientist. In these pages, Hope takes us back to her Minnesota childhood, where she spent hours in unfettered play in her father' s college laboratory. She tells us how she found a sanctuary in science, learning to perform lab work “ with both the heart and the hands. ” She introduces us to Bill, her brilliant, eccentric lab manager. And she extends the mantle of scientist to each one of her readers, inviting us to join her in observing and protecting our environment. Warm, luminous, compulsively readable, *Lab Girl* vividly demonstrates the mountains that we can move when love and work come together. Winner of the American Association for the Advancement of Science/Subaru Science Books & Film Prize for Excellence in Science Books Finalist for the PEN/E.O. Wilson Literary Science Writing Award One of the Best Books of the Year: The Washington Post, TIME.com, NPR, Slate, Entertainment Weekly, Newsday, Minneapolis Star Tribune, Kirkus Reviews

Hidden Natural Histories Tim Duggan Books

One of the twentieth century' s enduring works, *One Hundred Years of Solitude* is a widely beloved and acclaimed novel known throughout the world and the ultimate achievement in a Nobel Prize– winning career. The novel tells the story of the rise and fall of the mythical town of Macondo through the history of the Buend í a family. Rich and brilliant, it is a chronicle of life, death, and the tragicomedy of humankind. In the beautiful, ridiculous, and tawdry story of the Buend í a family, one sees all of humanity, just as in the history, myths, growth, and decay of Macondo, one sees all of Latin America. Love and lust, war and revolution, riches and poverty, youth and senility, the variety of life, the endlessness of death, the search for peace and truth—these universal themes dominate the novel. Alternately reverential and comical, *One Hundred Years of Solitude* weaves the political, personal, and spiritual to bring a new consciousness to storytelling. Translated into dozens of languages, this stunning work is no less than an account of the history of the human race.

The Power of Trees John Wiley & Sons

The Oldest Living Things in the World is an epic journey through time and space. Over the past decade, artist Rachel Sussman has researched, worked with biologists, and traveled the world to photograph continuously living organisms that are 2,000 years old and older. Spanning from Antarctica to Greenland, the Mojave Desert to the Australian Outback, the result is a stunning and unique visual collection of ancient organisms unlike anything that has been created in the arts or sciences before, insightfully and accessibly narrated by Sussman along the way. Her work is both timeless and timely, and spans disciplines, continents, and millennia. It is underscored by an innate environmentalism and driven by Sussman' s relentless curiosity. She begins at “ year zero, ” and looks back from there, photographing the past in the present. These ancient individuals live on every continent and range from Greenlandic lichens that grow only one centimeter a century, to unique desert shrubs in Africa and South America, a predatory fungus in Oregon, Caribbean brain coral, to an 80,000-year-old colony of aspen in Utah. Sussman journeyed to Antarctica to photograph 5,500-year-old moss; Australia for stromatolites, primeval organisms tied to the oxygenation of the planet and the beginnings of life on Earth; and to Tasmania to capture a 43,600-year-old self-propagating shrub that' s the last individual of its kind. Her portraits reveal the living history of our planet—and what we stand to lose in the future. These ancient survivors have weathered millennia in some of the world' s most extreme environments, yet climate

change and human encroachment have put many of them in danger. Two of her subjects have already met with untimely deaths by human hands. Alongside the photographs, Sussman relays fascinating – and sometimes harrowing – tales of her global adventures tracking down her subjects and shares insights from the scientists who research them. The oldest living things in the world are a record and celebration of the past, a call to action in the present, and a barometer of our future. Atmosphere of Hope HarperCollins

Intimate in size yet quietly breathtaking in scope, this graceful gift book will forever change how you think, and how you feel, about trees. In poetically sparse scientific observations, renowned conservation biologist Gretchen Daily narrates the evolution, impact, and natural wonder of trees. Alongside photographs by Chuck Katz, the text and images form a quiet and moving meditation on *The Power of Trees*. Twenty-six duotone black and white photographs illustrate the development of trees: how trunks were formed, what tree rings tell us about human societies, and how trees define the future of humanity. Pictures of trees threading through the landscape - dotting mountainsides, braiding along the sides of glassine rivers - bear witness to the lyrical force and clarity of Daily's observations. Recreating the authors' hike together through the landscape of the Skagit River in Washington State, the balletic movement between Daily' s commentary and Katz' s vision reaches out to readers, inviting them to enjoy the landscape through a scientific understanding of trees. At once emotional and intellectual, *The Power of Trees* is the first collection of nature photographs that invites the reader to not only delight in the gorgeous play between light and shadow, but also the fascinating natural mechanisms that create such striking natural beauty. An ecologist by training, Gretchen Daily is an internationally acclaimed conservancy advocate and scholar. Her role as a National Trustee for The Nature Conservancy will feature prominently in the national marketing campaign to bridge the gap between scientific educators and the general nature reader.