
Secret Life Of Plants

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Secret Life Of Plants

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The Secret Life of Plants

A Fascinating Account of the Physical, Emotional, and Spiritual Relations Between Plants and Man
HarperCollins

The world of plants and its relation to mankind as revealed by the latest scientific discoveries. "Plenty of hard facts and astounding scientific and practical lore."--Newsweek

The Secret Life of Plants *books catalog*

Exploring the world of plant and its relation to mankind as revealed by the latest discoveries of scientists, The Secret Life of Plants includes remarkable information about plants as lie detectors and plants as ecological sentinels; it describes their ability to adapt to human wishes, their response to music, their curative power, and their ability to communicate with man.

The Secret Life of Plants *Harper Collins*

The world of plants and its relation to mankind as revealed by the latest scientific discoveries. "Plenty of hard facts and astounding scientific and practical lore."--Newsweek

The Secret Life of Plants

The Secret Lives of Plants! *Capstone*

"In graphic novel format, explores plant biology, including life cycle, photosynthesis, transpiration, respiration, and reproduction"--Provided by publisher.

Seed to Seed *Bloomsbury Publishing USA*

Nicholas Harberd, a father, scientist, and nature lover, spends his days at the lab directing a team discovering the secrets of how plants grow, using a common weed as their example. Concerned that he's losing sight of the weed's ordinary days in the world, he sets out to find an example of the same plant in the wild.

And so begins this unique and beautiful book-part field notebook, part sketchbook, and part journal. Building on a narrative of the passing seasons of 2004, Harberd relates that narrative to the life history of what becomes an iconic plant. As a biologist and close observer, he is able to describe both what is visible and the hidden molecular mechanisms that underlie the visible events in the plant's life. In the process, he reveals what the daily life of a scientist truly is. Beautifully produced, with dozens of diagrams and drawings, and written with thoughtfulness and passion, Seed to Seed is a testament to the wonder of the natural world around us. Nicholas Harberd is one of the world's leading plant biologists. He directs a research team at the John Innes Centre (Europe's premier plant and microbial science research institute) and is Honorary Professor in the Department of Biological Sciences at the University of East Anglia, Norwich. He is the author of numerous scientific papers and has published in the leading international journals Nature and Science.

The Secret Life of Plants

The world of plants and its relation to mankind as revealed by the latest scientific discoveries. "Plenty of hard facts and astounding scientific and practical lore."--Newsweek

The Emerald Planet

How plants changed Earth's history *Oxford University Press*

Plants have profoundly moulded the Earth's climate and the evolutionary trajectory of life. Far from being 'silent witnesses to the passage of time', plants are dynamic components of our world, shaping the environment throughout

history as much as that environment has shaped them. In *The Emerald Planet*, David Beerling puts plants centre stage, revealing the crucial role they have played in driving global changes in the environment, in recording hidden facets of Earth's history, and in helping us to predict its future. His account draws together evidence from fossil plants, from experiments with their living counterparts, and from computer models of the 'Earth System', to illuminate the history of our planet and its biodiversity. This new approach reveals how plummeting carbon dioxide levels removed a barrier to the evolution of the leaf; how plants played a starring role in pushing oxygen levels upwards, allowing spectacular giant insects to thrive in the Carboniferous; and it strengthens fascinating and contentious fossil evidence for an ancient hole in the ozone layer. Along the way, Beerling introduces a lively cast of pioneering scientists from Victorian times onwards whose discoveries provided the crucial background to these and the other puzzles. This understanding of our planet's past sheds a sobering light on our own climate-changing activities, and offers clues to what our climatic and ecological futures might look like. There could be no more important time to take a close look at plants, and to understand the history of the world through the stories they tell. Oxford Landmark Science books are 'must-read' classics of modern science writing which have crystallized big ideas, and shaped the way we think.

Flora

Inside the Secret World of Plants *Penguin*

Let the experts at the Royal Botanic

Gardens guide you around the beautiful and mysterious world that is the plant kingdom. From regulating the air we breathe to providing food, clothes, fuels, and medicines - plants are fundamental to our lives. Discover an extraordinary diversity of species, which includes a grass that grows a meter a day, roots that breathe air, and "queen of the night" cactuses whose rare blooms vanish before dawn. In a combination of art and science, *Flora* celebrates plants from majestic trees to microscopic algae, explaining how they germinate, grow, and reproduce. It presents species that have evolved to accommodate pollinating insects such as the foxglove, and plants that have adapted to flourish in even the most hostile of habitats. Pierre-Joseph Redoute in the 18th-century was described as the "Raphael of flowers". *Flora* showcases his botanical paintings as well as those of Georg Ehret and others in this gorgeous visual celebration of plants through the ages. Whether you are a keen gardener, naturalist, or botany student, this beautiful book is a treat that will entice, inform, and amaze.

Lab Girl Vintage

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

The Secret Life of Plants *Conran Octopus*

THE SECRET OF PLANTS IN THE ENVIRONMENT *Notion Press*

Plants are sessile organisms that are unable to move but face the challenge of ever-changing or adverse environments. The study of the development of environmental changes in tolerant plants is fundamental for the maintenance and streamlining of high crop yields and plant adaptation in natural environments. The identification of genes that lead to changes or stress tolerance is urgently needed for the growth and development of plants in their natural environment. *The Secret of Plants in the ENVIRONMENT* addresses environmental concerns such as the different types of stress situations and plant adaptation to changing environments, including the positive and negative effects of stress on the growth of crops, the beginning stages of plant

life cycles, and plant output. This book seeks to discuss the impact of environmental changes or stress on plant life, environmental stress physiology, and adaptation mechanisms. It highlights the impact of environmental stresses on plants and crops under changing environments and gives a comprehensive overview of how plants respond to such environments. In addition, it serves as a helpful guide to the students of BSc, MSc and to all professionals engaged in teaching and research on environmental-related subjects. It dwells on some important aspects of environmental change or stress as the main issue affecting the survival of plants at the early stages of their life cycle. Hence, the author hopes that both early-career scientists and research scholars interested in pursuing environmental science to an advanced stage would also benefit from the important information discussed in this book.

The Secret Life of Plants *HarperCollins Publishers*

The Life of Plants

A Metaphysics of Mixture *John Wiley & Sons*

We barely talk about them and seldom know their names. Philosophy has always overlooked them; even biology considers them as mere decoration on the tree of life. And yet plants give life to the Earth: they produce the atmosphere that surrounds us, they are the origin of the oxygen that animates us. Plants embody the most direct, elementary connection that life can establish with the world. In this highly original book, Emanuele Coccia argues that, as the very creator of atmosphere, plants

occupy the fundamental position from which we should analyze all elements of life. From this standpoint, we can no longer perceive the world as a simple collection of objects or as a universal space containing all things, but as the site of a veritable metaphysical mixture. Since our atmosphere is rendered possible through plants alone, life only perpetuates itself through the very circle of consumption undertaken by plants. In other words, life exists only insofar as it consumes other life, removing any moral or ethical considerations from the equation. In contrast to trends of thought that discuss nature and the cosmos in general terms, Coccia's account brings the infinitely small together with the infinitely big, offering a radical redefinition of the place of humanity within the realm of life.

The Secret Lives of Plants! *Capstone Classroom*

"In graphic novel format, explores plant biology, including life cycle, photosynthesis, transpiration, respiration, and reproduction"--Provided by publisher.

The Hidden Life of Trees: The International Bestseller - What They Feel, How They Communicate *HarperCollins UK*

Sunday Times Bestseller 'A paradigm-smashing chronicle of joyous entanglement' Charles Foster Waterstones Non-Fiction Book of the Month (September) Are trees social beings? How do trees live? Do they feel pain or have awareness of their surroundings?

Secrets of the Soil *books catalog*

This book, a fascinating companion to *The Secret Life of Plants* by the same

authors, tells the story of the innovative, nontraditional, often surprising things that certain scientists, farmers, and mystics are doing to prevent the slow degradation of our planet. For example, using the techniques of Rudolf Steiner's biodynamic agriculture with its reliance on ethereal forces from the planets, Dan Carlson's growth stimulating Sonic Bloom, and rock dust fertilizer to revitalize depleted soils; or gardening with the help of truly amazing new technologies to reverse serious agricultural problems. The authors illustrate, in a truly enlightening and convincing manner, the pivotal role that the natural elements play in our lives, and the necessity of cultivating and sustaining a relationship with one most basic of them: the soil.

The Green Planet *Random House*

There's something new under the sun. Plants live secret, unseen lives – hidden in their magical world and on their timescale. From the richest jungles to the harshest deserts, from the snowiest alpine forest to the remotest steaming swamp, *Green Planet* travels from one great habitat to the next, showing us that plants are as aggressive, competitive and dramatic as the animals on our planet. You will discover agents of death, who ruthlessly engulf their host plant, but also those that form deep and complex relationships with other species, such as the desert cacti who use nectar-loving bats to pollinate. Although plants are undoubtedly the stars of the show, a fascinating new light will be shed on the animals that interact with them. Using the latest technologies and showcasing over two decades of new discoveries, *Green Planet* reveals the strange and wonderful life of plants like never before – a life full of

remarkable behaviour, emotional stories and surprising heroes.

Primary Perception

Biocommunication with Plants, Living Foods, and Human Cells

This is the only book by Cleve Backster himself, describing 36 years of research in biocommunication, observed electrical responses in plant life and other living organisms. All life forms have the capability of responding to one another, from plants and bacteria to foods and animal cells. Most amazing is his work with human leukocytes. These discoveries have opened up a new paradigm in science, ecology and healing.

What a Plant Knows

A Field Guide to the Senses *Macmillan*

Paralleling the human senses, the author explores the secret lives of various plants, from the colors they see to whether or not they really like classical music to their ability to sense nearby danger.

The Secret Teachings of Plants

The Intelligence of the Heart in the Direct Perception of Nature *Inner Traditions / Bear & Co*

Advocates the use of an intuitive cognition in order to discover plants' medicinal and nutritional purposes, including discussions of the scientific model's limits and how, once cultivated, it can be applied to disciplines such as medicine.

The Private Life of Plants

A Natural History of Plant Behaviour

Princeton Univ Department of Art &

Shows how plants avoid predators, find food, increase their territory, reproduce, and obtain sunlight

The Secret Life of Trees

How They Live and Why They Matter

Penguin UK

♦Everyone interested in the natural world will enjoy *The Secret Life of Trees*. I found myself reading out whole chunks to friends ♦ *The Times*, Books of the Year What is a tree? As this celebration of the trees shows, they are our countryside; our ancestors descended from them; they gave us air to breathe. Yet while the stories of trees are as plentiful as leaves in a forest, they are rarely told. Here, Colin Tudge travels from his own back garden round 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. Lyrical and evocative, this book will make everyone fall in love with the trees around them.

Thus Spoke the Plant

A Remarkable Journey of Groundbreaking Scientific Discoveries and Personal Encounters with Plants *North Atlantic Books*

An accessible and compelling story of a scientist's discovery of plant communication and how it influenced her research and changed her life. In this "phytobiography"--a collection of stories written in partnership with a plant--research scientist Monica Gagliano reveals the dynamic role plants play in genuine first-hand accounts from her

research into plant communication and cognition. By transcending the view of plants as the objects of scientific materialism, Gagliano encourages us to rethink plants as people--beings with subjectivity, consciousness, and volition, and hence having the capacity for their own perspectives and voices. The book draws on up-close-and-personal encounters with the plants themselves, as well as plant shamans, indigenous elders, and mystics from around the world and integrates these experiences with an incredible research journey and the groundbreaking scientific discoveries that emerged from it. Gagliano has published numerous peer-reviewed scientific papers on how plants have a Pavlov-like response to stimuli and can learn, remember, and communicate to neighboring plants. She has pioneered the brand-new research field of plant bioacoustics, for the first time experimentally demonstrating that plants emit their own 'voices' and, moreover, detect and respond to the sounds of their environments. By demonstrating experimentally that learning is not the exclusive province of animals, Gagliano has re-ignited the discourse on plant subjectivity and ethical and legal standing. This is the story of how she made those discoveries and how the plants helped her along the way.

The Nation of Plants *Other Press, LLC*

In this playful yet informative manifesto, a leading plant neurobiologist presents the eight fundamental pillars on which the life of plants—and by extension, humans—rests. Even if they behave as though they were, humans are not the masters of the Earth, but only one of its most irksome residents. From the moment of their arrival, about three

hundred thousand years ago—nothing when compared to the history of life on our planet—humans have succeeded in changing the conditions of the planet so drastically as to make it a dangerous place for their own survival. The causes of this reckless behavior are in part inherent in their predatory nature, but they also depend on our total incomprehension of the rules that govern a community of living beings. We behave like children who wreak havoc, unaware of the significance of the things they are playing with. In *The Nation of Plants*, the most important, widespread, and powerful nation on Earth finally gets to speak. Like attentive parents, plants, after making it possible for us to live, have come to our aid once again, giving us their rules: the first Universal Declaration of Rights of Living Beings written by the plants. A short charter based on the general principles that regulate the common life of plants, it establishes norms applicable to all living beings. Compared to our constitutions, which place humans at the center of the entire juridical reality, in conformity with an anthropocentrism that reduces to things all that is not human, plants offer us a revolution.

Brilliant Green

The Surprising History and Science of Plant Intelligence *Island Press*

In this book, a leading plant scientist offers a new understanding of the botanical world and a passionate argument for intelligent plant life. Are plants intelligent? Can they solve problems, communicate, and navigate their surroundings? For centuries, philosophers and scientists have argued that plants are unthinking and inert, yet discoveries over the past fifty years have

challenged this idea, shedding new light on the complex interior lives of plants. In *Brilliant Green*, leading scientist Stefano Mancuso presents a new paradigm in our understanding of the vegetal world. He argues that plants process information, sleep, remember, and signal to one another—showing that, far from passive machines, plants are intelligent and aware. Part botany lesson, part manifesto, *Brilliant Green* is an engaging and passionate examination of the inner workings of the plant kingdom.--

Unearthing The Secret Garden

The Plants and Places That Inspired Frances Hodgson Burnett *Timber Press*

"Blooming with photos, illustrations, and botanical paintings, McDowell's gorgeous book opens an ivy-covered door to new information about one of the world's most famous authors."—Angelica Shirley Carpenter, editor of *In the Garden* New York Times bestselling author Marta McDowell has revealed the way that plants have stirred some of our most cherished authors, including Beatrix Potter, Emily Dickinson, and Laura Ingalls Wilder. In her latest, she shares a moving account of how gardening deeply inspired Frances Hodgson Burnett, the author of the beloved children's classic *The Secret Garden*. In *Unearthing The Secret Garden*, McDowell delves into the professional and gardening life of Frances Hodgson Burnett. Complementing her fascinating account with charming period photographs and illustrations, McDowell paints an unforgettable portrait of a great artist and reminds us why *The Secret Garden* continues to touch readers after more than a century. This deeply moving and

gift-worthy book is a must-read for fans of *The Secret Garden* and anyone who loves the story behind the story.

In Defense of Plants

An Exploration into the Wonder of Plants *Mango Media Inc.*

The Study of Plants in a Whole New Light "Matt Candeias succeeds in evoking the wonder of plants with wit and wisdom." —James T. Costa, PhD, executive director, Highlands Biological Station and author of *Darwin's Backyard* #1 New Release in Nature & Ecology, Plants, Botany, Horticulture, Trees, Biological Sciences, and Nature Writing & Essays In his debut book, internationally-recognized blogger and podcaster Matt Candeias celebrates the nature of plants and the extraordinary world of plant organisms. A botanist's defense. Since his early days of plant restoration, this amateur plant scientist has been enchanted with flora and the greater environmental ecology of the planet. Now, he looks at the study of plants through the lens of his ever-growing houseplant collection. Using gardening, houseplants, and examples of plants around you, *In Defense of Plants* changes your relationship with the world from the comfort of your windowsill. The ruthless, horny, and wonderful nature of plants. Understand how plants evolve and live on Earth with a never-before-seen look into their daily drama. Inside, Candeias explores the incredible ways plants live, fight, have sex, and conquer new territory. Whether a blossoming botanist or a professional plant scientist, *In Defense of Plants* is for anyone who sees plants as more than just static backdrops to more charismatic life forms. In this easily accessible introduction to the incredible world of

plants, you'll find: • Fantastic botanical histories and plant symbolism • Passionate stories of flora diversity and scientific names of plant organisms • Personal tales of plantsman discovery through the study of plants If you enjoyed books like *The Botany of Desire*, *What a Plant Knows*, or *The Soul of an Octopus*, then you'll love *In Defense of Plants*.

The Secret World of Plants

Tales of More Than 100 Remarkable Flowers, Trees, and More *DK Children*

Plants are found almost everywhere on Earth, but to many people their lives are a mystery. Discover the secrets of more than 100 amazing plants in this treasury of intriguing flora. Learn how seagrass changes the environment around it, how the Venus flytrap counts to make sure it catches its prey, and why some tulips used to cost more than a house! This book explores the vast plant kingdom and explains how plants work, as well as the weird and wonderful relationships they have with animals. Plants provide us with food, fuel, and medicine, and without them, life as we know it would not exist. From orchids that grow vanilla pods to trees that cause headaches, and from bamboo that can be made into clothes to moss that soaks up vast amounts of carbon dioxide, plants shape our world in an endless variety of ways. *The Secret World of Plants* covers the key plant groups; the essentials of plant science, including photosynthesis, pollination, and germination; and what they mean to the people around them. Each species is shown with remarkable photography and beautiful illustrations, all brought to life by Ben Hoare's writing, filled with charm and infectious enthusiasm. This book is a must for any

child interested in the natural world and the plants that grow in it.

Anatomy Of A Rose

Exploring The Secret Life Of Flowers *Basic Books*

In *Anatomy of a Rose*, Sharman Apt Russell eloquently unveils the "inner life" of flowers. From their diverse fragrances to their nasty deceptions, Russell proves that, where nature is concerned, "wonder is not only our starting point, it can also be our destination." Throughout this botanical journey, she reveals that the science behind these intelligent plants-how they evolved, how they survive, how they heal-is even more awe-inspiring than their fleeting beauty. Russell helps us imagine what a field of snapdragons looks like to a honeybee, and she introduces us to flowers that regulate their own temperature, attract pollinating bats, even smell like a rotting corpse. She also delves into cutting-edge research on everything from flower senses to their healing power. Long used to ease everything from depression to childbirth, flowers are now our main line of defense against childhood leukemia and the deadly Ebola virus. In this poetic rumination, which combines graceful writing with a scientist's clarity, Russell brings together the work of botanists around the globe, and illuminates a world at once familiar and exotic.

The Secret Life of an Arable Field

Plants, Animals and the Ecosystem *White Owl*

The Field looks at the eco-system of an arable field, complete with photographs from crops, trees, hedgerows and wildflowers, to the wide variety of animals, farmland birds, insects,

butterflies and moths that they support; and how they depend on each other; and are all vital for the wonderful environment we need to thrive and enjoy. The book focuses on the relationship between these key species, how they work together and interact with their environment in order to survive. It is about the eco-system and how they all link together, and how every species, no matter how seemingly insignificant, plays a vital part in the food-chain and ultimate survival of all species. For every species referred there is a photograph detailing it, with over 120 color images throughout the book. The animals and birds that live within this habitat are reported on and the insects; including detailed analysis of bumblebees, honeybees and ants, as well as more hidden species such as the earthworm, are described in their role in life, with in-depth facts and photos. Wildlife, such as badgers, muntjacs, hedgehogs and fallow deer and their habits are detailed, along with birds that survive on farmland and are now sadly becoming rare. Included in this range are corn buntings, skylarks, goldfinches, kestrels, yellow wagtails and jackdaws, although there are many more. The main aim of this book is to give a detailed description of the private life of these creatures and show how they depend upon and work together in harmony, creating the environment that we are so adeptly eradicating. The Government have set out a package of reforms to deliver 300,000 new homes a year by the mid-2020s. Our havens of nature are being destroyed and this book will examine, with photographs and text, what really makes the field a special place, both for wildlife and humans alike.

The Secret Life of Your Cells *Schiffer*

Pub Limited

In the *Secret Life of Your Cells*, Robert B. Stone, Ph.D., explores the latest research of Cleve Backster, who by attaching a lie-detector to the leaf of a plant discovered that it had feelings and the ability to read our thoughts. Now this ability - primary perception - has been traced over to disconnected single cells of our own bodies. What millions of Americans saw reported on TV's *Incredible Sunday*, Dr. Stone now shares in depth in *The Secret Life of Your Cells*. The implications and possibilities of that discovery, and the difficult struggle it has had in finding acceptance in the tradition-bound scientific community makes exciting, challenging, mind-expanding reading.

The Secret Life of Cows *Penguin*

"Within a day of receiving this book, I had consumed it... Absorbing, moving, and compulsively readable."—Lydia Davis In this affectionate, heart-warming chronicle, Rosamund Young distills a lifetime of organic farming wisdom, describing the surprising personalities of her cows and other animals At her famous Kite's Nest Farm in Worcestershire, England, the cows (as well as sheep, hens, and pigs) all roam free. They make their own choices about rearing, grazing, and housing. Left to be themselves, the cows exhibit temperaments and interests as diverse as our own. "Fat Hat" prefers men to women; "Chippy Minton" refuses to sleep with muddy legs and always reports to the barn for grooming before bed; "Jake" has a thing for sniffing the carbon monoxide fumes of the Land Rover exhaust pipe; and "Gemima" greets all humans with an angry shake of the head and is fiercely independent. An organic farmer for decades, Young has an

unaffected and homely voice. Her prose brims with genuine devotion to the wellbeing of animals. Most of us never apprehend the various inner lives animals possess, least of all those that we might eat. But Young has spent countless hours observing how these creatures love, play games, and form life-long friendships. She imparts hard-won wisdom about the both moral and real-world benefits of organic farming. (If preserving the dignity of animals isn't a good enough reason for you, consider how badly factory farming stunts the growth of animals, producing unhealthy and tasteless food.) This gorgeously-illustrated book, which includes an original introduction by the legendary British playwright Alan Bennett, is the summation of a life's work, and a delightful and moving tribute to the deep richness of animal sentience.

Upstairs at the White House

My Life with the First Ladies *Open Road Media*

In this New York Times bestseller, the White House chief usher for nearly three decades offers a behind-the-scenes look at America's first families. J. B. West, chief usher of the White House, directed the operations and maintenance of 1600 Pennsylvania Avenue—and coordinated its daily life—at the request of the president and his family. He directed state functions; planned parties, weddings and funerals, gardens and playgrounds, and extensive renovations; and, with a large staff, supervised every activity in the presidential home. For twenty-eight years, first as assistant to the chief usher, then as chief usher, he witnessed national crises and triumphs, and interacted daily with six consecutive presidents and first ladies, as well as

their parents, children and grandchildren, and houseguests—including friends, relatives, and heads of state. J. B. West, whom Jackie Kennedy called “one of the most extraordinary men I have ever met,” provides an absorbing, one-of-a-kind history of life among the first ladies. Alive with anecdotes ranging from Eleanor Roosevelt's fascinating political strategies to Jackie Kennedy's tragic loss and the personal struggles of Pat Nixon, *Upstairs at the White House* is a rich account of a slice of American history that usually remains behind closed doors.

Lessons from Plants *Harvard University Press*

An exploration of how plant behavior and adaptation offer valuable insights for human thriving. We know that plants are important. They maintain the atmosphere by absorbing carbon dioxide and producing oxygen. They nourish other living organisms and supply psychological benefits to humans as well, improving our moods and beautifying the landscape around us. But plants don't just passively provide. They also take action. Beronda L. Montgomery explores the vigorous, creative lives of organisms often treated as static and predictable. In fact, plants are masters of adaptation. They “know” what or who they are, and they use this knowledge to make a way in the world. Plants experience a kind of sensation that does not require eyes or ears. They distinguish kin, friend, and foe, and they are able to respond to ecological competition despite lacking the capacity of fight-or-flight. Plants are even capable of transformative behaviors that allow them to maximize their chances of survival in a dynamic and sometimes

unfriendly environment. Lessons from Plants enters into the depth of botanic experience and shows how we might improve human society by better appreciating not just what plants give us but also how they achieve their own purposes. What would it mean to learn from these organisms, to become more aware of our environments and to adapt to our own worlds by calling on perception and awareness rather than reason? Montgomery's meditative study puts before us a question with the power to reframe the way we live: What would a plant do?

Roots of Evil

Beyond the Secret Life of Plants

The Secret Life of Dust

From the Cosmos to the Kitchen Counter, the Big Consequences of Little Things *Wiley*

Hannah Holmes A mesmerizing expedition around our dusty world Some see dust as dull and useless stuff. But in the hands of author Hannah Holmes, it becomes a dazzling and mysterious force; Dust, we discover, built the planet we walk upon. And it tinkers with the weather and spices the air we breathe. Billions of tons of it rise annually into the air--the dust of deserts and forgotten kings mixing with volcanic ash, sea salt, leaf fragments, scales from butterfly wings, shreds of T-shirts, and fireplace soot. Eventually, though, all this dust must settle. The story of restless dust begins among exploding stars, then treks through the dinosaur beds of the Gobi Desert, drills into Antarctic glaciers, filters living dusts from the wind, and probes the dark underbelly of the living-room couch. Along the way, Holmes

introduces a delightful cast of characters--the scientists who study dust. Some investigate its dark side: how it killed off dinosaurs and how its industrial descendents are killing us today. Others sample the shower of Saharan dust that nourishes Caribbean jungles, or venture into the microscopic jungle of the bedroom carpet. Like *The Secret Life of Dust*, however, all of them unveil the mayhem and magic wrought by little things. Hannah Holmes (Portland, ME) is a science and natural history writer for the Discovery Channel Online. Her freelance work has been widely published, appearing in the Los Angeles Times Magazine, the New York Times Magazine, Outside, Sierra, National Geographic Traveler, and Escape. Her broadcast work has been featured on Living on Earth and the Discovery Channel Online's Science Live.

The Secret Life of Nature

Living in Harmony with the Hidden World of Nature Spirits from Fairies to Quarks

The long-awaited follow-up to Peter Tompkins's bestseller *THE SECRET LIFE OF PLANTS* is an astonishing account of how spiritualists and scientists alike are revealing that the physical world teems with nature spirits. In a dramatic meeting of New Science and New Age, Tompkins's new book is sure to radically transform how readers perceive and treat the natural world around them. Index. 20 photos & drawings.

The Private Lives of Plants

The Private Life of Plants is about the ways in which desire can both worsen and mitigate our flaws. We meet amputee sons whose mothers cart them from brothel to brothel; we meet

brothers who love their brother's lovers, and whose lovers in turn are stolen away by the husbands of their sisters. Sexuality in all its ugliness and wonder is put under the microscope by Lee Seung-U, who reminds us that love may come in various forms, but that it is, nonetheless, a force that unifies us all . . . whether we like it or not.

Anne Frank's Tales from the Secret Annex

A Collection of Her Short Stories, Fables, and Lesser-Known Writings, Revised Edition *Bantam*

Hiding from the Nazis in the "Secret Annex" of an old office building in Amsterdam, a thirteen-year-old girl named Anne Frank became a writer. The

now famous diary of her private life and thoughts reveals only part of Anne's story, however. This book completes the portrait of this remarkable and talented young author. *Tales from the Secret Annex* is a complete collection of Anne Frank's lesser-known writings: short stories, fables, personal reminiscences, and an unfinished novel. Here, too, are portions of the diary originally withheld from publication by her father. By turns fantastical, rebellious, touching, funny, and heartbreaking, these writings reveal the astonishing range of Anne Frank's wisdom and imagination--as well as her indomitable love of life. *Anne Frank's Tales from the Secret Annex* is a testament to this determined young woman's extraordinary genius and to the persistent strength of the creative spirit.