

Online Library Koreas Place In The Sun A Modern History Updated Pdf Free Copy

Lassoing the Sun The Sun (A True Book) Owning the Sun I Can Hear the Sun Kingdom of the Sun Something New Under the Sun The Many Faces of the Sun The Sun Is Kind of a Big Deal A Raisin in the Sun Why Do Elephants Need the Sun? Life Under the Sun I Am a Dinosaur In the Face of the Sun The Children of the Sun Sun! One in a Billion Printmaking in the Sun Physics of the Sun I'll Give You the Sun The Pea and the Sun Klara and the Sun Birds of the Sun The Sun The Sun Is a Compass The Sun Is Also a Star Gate of the Sun The Log of the Sun The City of the Sun In the Valley of the Sun Hot and Bright Everything Under the Sun Something New Under the Sun Taming the Sun Shutting Out the Sun I Held the Sun in My Hands The Rotation of Sun and Stars A Seed in the Sun The Sun: A Very Short Introduction A Moment in the Sun The Sun: A Laboratory for Astrophysics The Sun, the Earth, and Near-earth Space

*A decade of observations of the Sun with NASA's Solar Maximum Mission satellite has led to important discoveries in solar and atomic physics. This book presents the first comprehensive review of these results in a single volume, providing a snapshot of the current state of knowledge of solar physics. Chapters provide insight into the structure, composition and activity of the Sun, with coverage of topics such as solar flares, variations in the solar irradiance, coronal mass ejections, and spectroscopy. The #1 New York Times bestseller and National Book Award Finalist from the bestselling author of Everything, Everything will have you falling in love with Natasha and Daniel as they fall in love with each other. Natasha: I'm a girl who believes in science and facts. Not fate. Not destiny. Or dreams that will never come true. I'm definitely not the kind of girl who meets a cute boy on a crowded New York City street and falls in love with him. Not when my family is twelve hours away from being deported to Jamaica. Falling in love with him won't be my story. Daniel: I've always been the good son, the good student, living up to my parents' high expectations. Never the poet. Or the dreamer. But when I see her, I forget about all that. Something about Natasha makes me think that fate has something much more extraordinary in store—for both of us. The Universe: Every moment in our lives has brought us to this single moment. A million futures lie before us. Which one will come true? *** "Beautifully crafted."--People Magazine "A book that is very much about the many factors that affect falling in love, as much as it is about the very act itself . . . fans of Yoon's first novel, Everything Everything, will find much to love—if*

not, more—in what is easily an even stronger follow up."

—Entertainment Weekly "Transcends the limits of YA as a human story about falling in love and seeking out our futures." —POPSUGAR.com

Take an apple and cut it into five pieces. Would you believe that these five pieces can be reassembled in such a fashion so as to create two apples equal in shape and size to the original? Would you believe that you could make something as large as the sun by breaking a pea into a finite number of pieces and putting it back together again? Neither did Leonard Wapner, author of *The Pea and the Sun*, when he was first introduced to the Banach-Tarski paradox, which asserts exactly such a notion. Written in an engaging style, *The Pea and the Sun* catalogues the people, events, and mathematics that contributed to the discovery of Banach and Tarski's magical paradox. Wapner makes one of the most interesting problems of advanced mathematics accessible to the non-mathematician. This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant. A New York Times bestseller • One of Time Magazine's 100 Best YA Books of All Time • Winner of the Michael L. Printz Award • A Stonewall Honor Book The radiant, award-winning story of first love, family, loss, and betrayal for fans of John Green, Becky Albertalli, and Adam Silvera "Dazzling." —The New York Times Book Review "A blazing prismatic explosion of color."

—Entertainment Weekly "Powerful and well-crafted . . . Stunning."

—Time Magazine "We were all heading for each other on a collision course, no matter what. Maybe some people are just meant to be in the same story." At first, Jude and her twin brother are Noah and Jude; inseparable. Noah draws constantly and is falling in love with the charismatic boy next door, while daredevil Jude wears red-red lipstick, cliff-dives, and does all the talking for both of them. Years later, they are barely speaking. Something has happened to change the twins in different yet equally devastating ways . . . but then Jude meets an intriguing, irresistible boy and a mysterious new mentor. The early years are Noah's to tell; the later years are Jude's. But they each have only half the story, and if they can only find their way back to one another, they'll have a chance to remake

their world. This radiant, award-winning novel from the acclaimed author of *The Sky Is Everywhere* will leave you breathless and teary and laughing—often all at once. Solar printmaking is a revolutionary advance in printmaking technique. The flexibility of this method allows artists to create a range of imagery and prints that resemble etchings, woodcuts, lithographs, screenprints or photographs. This handbook combines creative artistic expression with scientific discipline to provide a practical discussion of solar printmaking. It includes instructions and tips, as well as a comprehensive troubleshooting guide. Diagrams, charts and step-by-step photographs illustrate the text, while images created by artists such as Eric Fischl and David Salle show the diverse ways of working in this medium. It's bright and it's hot. It's the center of our solar system. It is our Sun. As readers journey through this book, they will discover how this amazing star came into existence, and they will learn everything about its size and makeup, its solar winds and flares, and how its light and heat affect Earth. The workings of the sun's magnetic field, sun spots, and the latest technology used to study the sun will also captivate our readers. Planets and stars, moons and galaxies! The universe is a vast and mysterious place with much to explore. And there's no better way to make amazing discoveries about space than with this reimagined series. With the latest NASA imagery, the classic structure and features of *A True Book*, and lively text, the titles in *Our Universe* bring the awe of the cosmos directly to readers. Students will come away with a wealth of knowledge about the incredible celestial bodies in our universe. This series covers Next Generation Science Standards core ideas including "The Universe and its stars" and "Earth and the solar system." "List of authorities": pages 503-526. How solar could spark a clean-energy transition through transformative innovation—creative financing, revolutionary technologies, and flexible energy systems. Solar energy, once a niche application for a limited market, has become the cheapest and fastest-growing power source on earth. What's more, its potential is nearly limitless—every hour the sun beams down more energy than the world uses in a year. But in *Taming the Sun*, energy expert Varun Sivaram warns that the world is not yet equipped to harness erratic sunshine to meet most of its energy needs. And if solar's current surge peters out, prospects for replacing fossil fuels and averting catastrophic climate change will dim. Innovation can brighten those prospects, Sivaram explains, drawing on firsthand experience and original research spanning science, business, and government. Financial innovation is already enticing deep-pocketed investors to fund solar projects around the world, from the sunniest deserts to the poorest villages. Technological innovation could replace today's solar panels with coatings as cheap as paint and employ artificial photosynthesis to store intermittent sunshine as

convenient fuels. And systemic innovation could add flexibility to the world's power grids and other energy systems so they can dependably channel the sun's unreliable energy. Unleashing all this innovation will require visionary public policy: funding researchers developing next-generation solar technologies, refashioning energy systems and economic markets, and putting together a diverse clean energy portfolio. Although solar can't power the planet by itself, it can be the centerpiece of a global clean energy revolution.

A Council on Foreign Relations Book "The multiple, vivid colors of scarlet macaws and their ability to mimic human speech are key reasons they were and are significant to the Native peoples of the southwestern U.S. and northwest New Mexico. Although the birds' natural habitat is the tropical forests of Mexico and Central America, they were present at multiple archaeological sites in the region. Leading experts in southwestern archaeology explore the reasons why"--

The Sun and stars rotate in different ways and at different velocity rates. The knowledge of how they rotate is important in understanding the formation and evolution of stars and their structure. The closest star to our Earth, the Sun, is a good laboratory to study in detail the rotation of a G star and allows to test new ideas and develop new techniques to study stellar rotation. More or less massive, more or less evolved objects, however, can have a very different rotation rate, structure and history. In recent years our understanding of the rotation of the Sun has greatly improved. The Sun has a well-known large-scale rotation, which can be measured thanks to visible features across the solar disk, such as sunspots, or via spectroscopy. In addition, several studies cast light on differential rotation in the convective zone and on meridional circulation in the radiative zone of the Sun. Even the rotation of the core of the Sun can now be studied thanks to various methods, such as dynamics of the gravitational moments and of course, helioseismology, through g-modes analysis. Moreover, the magnetic field is strongly linked to the matter motions in the solar plasma. The solar magnetic field can be measured only at the surface or in the upper layers. It is the product of the internal dynamo or of the local dynamos if they exist – in any case magnetic field and rotation cannot thus be separated. As in the days following Skylab, solar physics came to the end of an era when the Solar Maximum Mission re-entered the earth's atmosphere in December 1989. The 1980s had been a pioneering decade not only in space- and ground-based studies of the solar atmosphere (Solar Maximum Mission, Hinotori, VLA, Big Bear, Nancyay, etc.) but also in solar-terrestrial relations (ISEE, AMPTE), and solar interior neutrino and helioseismology studies. The pace of development in related areas of theory (nuclear, atomic, MHD, beam-plasma) has been equally impressive. All of these raised tantalizing further questions about the structure and dynamics of the Sun as the prototypical and best observed star. This Advanced Study Institute was timed at a

pivotal point between that decade and the realisation of Yohkoh, Ulysses, SOHO, GRANAT, Coronas, and new ground-based optical facilities such as LEST and GONG, so as to teach and inspire the up and coming young solar researchers of the 1990s. The topics, lecturers, and students were all chosen with this goal in mind, and the result seems to have been highly successful by all reports. " ... Concise explanations and descriptions - easily read and readily understood - of what we know of the chain of events and processes that connect the Sun to the Earth, with special emphasis on space weather and Sun-Climate."--Dear Reader. With an emphasis on numerical modeling, *Physics of the Sun: A First Course* presents a quantitative examination of the physical structure of the Sun and the conditions of its extended atmosphere. It gives step-by-step instructions for calculating the numerical values of various physical quantities. The text covers a wide range of topics on the Sun and From the author of *Earth! My First 4.54 Billion Years* comes a new picture book about space—this time starring our Sun! *Meet Sun: He's a star! And not just any star—he's one in a billion. He lights up our solar system and makes life possible. With characteristic humor and charm, Stacy McAnulty channels the voice of Sun in this next celestial "autobiography."* Rich with kid-friendly facts and beautifully illustrated, *Sun! One in a Billion* is an equally charming and irresistible companion to *Earth! My First 4.54 Billion Years*. It's 1897. Gold has been discovered in the Yukon. New York is under the sway of Hearst and Pulitzer. And in a few months, an American battleship will explode in a Cuban harbor, plunging the U.S. into war. Spanning five years and half a dozen countries, this is the unforgettable story of that extraordinary moment: the turn of the twentieth century, as seen by one of the greatest storytellers of our time. Shot through with a lyrical intensity and stunning detail that recall *Doctorow* and *Deadwood* both, *A Moment in the Sun* takes the whole era in its sights—from the white-racist coup in Wilmington, North Carolina to the bloody dawn of U.S. interventionism in the Philippines. Beginning with Hod Brackenridge searching for his fortune in the North, and hurtling forward on the voices of a breathtaking range of men and women—Royal Scott, an African American infantryman whose life outside the military has been destroyed; Diosdado Concepción, a Filipino insurgent fighting against his country's new colonizers; and more than a dozen others, Mark Twain and President McKinley's assassin among them—this is a story as big as its subject: history rediscovered through the lives of the people who made it happen. A child's introduction to the planets in our solar system. Dr Jacqueline Mitton describes each planet, drawing on scientific information. She also discusses the gods that the planets are named after, and examines the relationships between contemporary facts and ancient myths. A hilarious nonfiction picture book from the

New York Times bestselling author and creator of *Awkward Yeti*. Oh hey, guess what? The Sun never stops working to keep things on Earth running smoothly. (That's why it's been Employee of the Month for 4.5 billion years.) So why does the Sun get to be the center of attention? Because it's our solar system's very own star! This funny and factual picture book from *Awkward Yeti* creator Nick Seluk explains every part of the Sun's big job: keeping our solar system together, giving Earth day and night, keeping us warm, and more. In fact, the Sun does so much for us that we wouldn't be alive without it. That's kind of a big deal. Each spread features bite-sized text and comic-style art with sidebars sprinkled throughout. Anthropomorphized planets (and Pluto) chime in with commentary as readers learn about the Sun. For instance, Mars found someone's rover. Earth wants the Sun to do more stuff for it. And Jupiter just wants the Sun's autograph. Funny, smart, and accessible, *The Sun Is Kind of a Big Deal* is a must-have! In *The Sun*, David Whitehouse takes us on a journey to the heart of our local star and beyond, relating how it was born, the many ways it influences life on Earth and how it will die. He recounts the many myths surrounding the Sun and the fascinating stories of scientists throughout history who have attempted to discover its secrets - occasionally at the price of their lives. *The Sun* explores the role of the sun for those on Earth, from the earliest civilizations that worshipped it, through its emulation in art and literature to the present day. He describes the inferno at its core, the magnetic chaos of its surface and the furthest reaches of its atmosphere that stretches beyond the planets out into the galaxy. Within our lifetimes he considers that changes in the sun will become noticeable, an issue that we ignore at our peril. Finally, David Whitehouse speculates on the future of life on Earth with a sun that must ultimately turn into a red giant. From its birth in a cloud of gas and dust, its long lifetime nurturing life on our own planet, to its death as a cosmic cinder, this is our Sun's story. **NEW YORK TIMES BESTSELLER** • Once in a great while, a book comes along that changes our view of the world. This magnificent novel from the Nobel laureate and author of *Never Let Me Go* is "an intriguing take on how artificial intelligence might play a role in our futures ... a poignant meditation on love and loneliness" (*The Associated Press*). • A **GOOD MORNING AMERICA** Book Club Pick! Here is the story of Klara, an Artificial Friend with outstanding observational qualities, who, from her place in the store, watches carefully the behavior of those who come in to browse, and of those who pass on the street outside. She remains hopeful that a customer will soon choose her. *Klara and the Sun* is a thrilling book that offers a look at our changing world through the eyes of an unforgettable narrator, and one that explores the fundamental question: what does it mean to love? "The only thing better than the

questions, in this delightful and informative book, is the answers." - Neil Gaiman "This book is GLORIOUS. It's heart-and-soul fabulous, page after page." - Stephen Fry "One of the best kids books I have ever had the pleasure of reading" - Pandora Sykes "This book is heaven on a stick" - Sophie Dahl A wonderful new paperback edition of 366 curious questions asked by children from around the world, based on the award-winning podcast by original QI Elf, Molly Oldfield. How much bamboo can a giant panda eat? Do aliens exist? What we would do if we didn't have a prime minister? Why do hammerhead sharks have such strange-shaped heads? Find out the answers to these curious questions and much, much more! Ponder where ideas come from with award-winning illustrator, Rob Biddulph. Find out why you taste things differently when you have a cold with Michelin star chef, Heston Blumenthal. Learn about everything from how astronauts see in the dark to what the biggest dinosaur was with experts from the Natural History Museum. Fascinating facts are accompanied by gorgeous illustrations making the perfect gift for Christmas. Whether you read a question a day, or dip into it whenever you are feeling curious, this is a book to treasure and share all year round. Illustrated by Momoko Abe, Kelsey Buzzell, Beatrice Cerocchi, Alice Courtley, Sandra de la Prada, Grace Easton, Manuela Montoya Escobar, Richard Jones, Lisa Koesterke, Gwen Millward, Sally Mullaney, and Laurie Stansfield. Praise for Everything Under the Sun: "Trivia fans will relish Everything Under the Sun" - The Guardian "A brilliant book for any child, but particularly those who don't love reading stories" - David Walliams "A wonderful gift for families" - Evening Standard "A wonderful collection of 366 curious questions about everything from science to nature, dinosaurs to space" - Scottish Sun "Simply mesmerising compendium" - Waterstones "As cute as it is educational" - Babyccino Kids "This is a book to treasure all year round" - My Baba "An absolute delight" - David Walliams "I Held the Sun in My Hands" is the story of a young girl raised in a traditional Jewish family in Hungary prior to and during WWII. When Germany occupied Hungary on March 19th, 1944, Erika Jacoby was deported to Auschwitz, together with her mother. She was among the youngest that escaped the selection of Dr .Mengele and together with her mother, who was among the oldest, she endured and outlasted the atrocities and deprivations of the Nazi persecutors. In her book she describes how the teachings and values that she absorbed and incorporated into her life in her home helped her survive Auschwitz and the other concentration camps. She writes movingly about her painful disappointments in the behavior of her fellow human beings, while never losing her faith in God. This unshakable trust in the divine personal protection inspired others as well not to give up hope. In her memoir we witness how this young girl took upon herself the enormous responsibility for her mother's survival, and the impact of that on their relationship after the war

and, indeed, throughout their lives. The author, a clinical social worker, examines this relationship with much insight and compassion. This book is a remarkable account of one person's resiliency, ability to cope with adversity and survive not only physically but also spiritually. A finalist for the 2017 Bram Stoker Award for Superior Achievement in a First Novel. Deftly written and utterly addictive, this Western literary horror debut will find a home with fans of authors like Joe Hill, Cormac McCarthy, and Anne Rice. One night in 1980, a man becomes a monster. Haunted by his past, Travis Stillwell spends his nights searching out women in West Texas honky-tonks. What he does with them doesn't make him proud, just quiets the demons for a little while. But after Travis crosses paths one night with a mysterious pale-skinned girl, he wakes weak and bloodied in his cabover camper the next morning—with no sign of a girl, no memory of the night before. Annabelle Gaskin spies the camper parked behind her motel and offers the cowboy a few odd jobs to pay his board. Travis takes her up on the offer, if only to buy time, to lay low and heal. By day, he mends the old motel, insinuating himself into the lives of Annabelle and her ten-year-old son. By night, in the cave of his camper, he fights an unspeakable hunger. Before long, Annabelle and her boy come to realize that this strange cowboy is not what he seems. Half a state away, a grizzled Texas Ranger is hunting Travis for his past misdeeds, but what he finds will lead him to a revelation far more monstrous. A man of the law, he'll have to decide how far into the darkness he'll go for the sake of justice. When these lives converge on a dusty autumn night, an old evil will find new life—and new blood. "Bryce excels at placing readers in a glamorous time and place...riveting and vibrant." – Booklist Go On Girl Book Club 2021 New Author of the Year | She Reads Best Literary Historical Fiction Coming in 2022 | BookRiot 2022 Historical Fiction to Add to Your TBR Right Now | We are Bookish Historical Fiction Novels You'll Want in Your Future | BiblioLifestyle Most Anticipated Books of 2022 | BookBub Best Books of Spring 2022 & Best Historical Fiction Books of 2022 | BookTrib Top Ten Historical Fiction Books for the Spring 2022 In this haunting novel, the author of *Wild Women and the Blues* weaves together two stories as they unfold decades apart, as a woman on the run from an abusive husband joins her intrepid aunt as they head across the country from Chicago to Los Angeles, and confront a painful and shadowy past that has reverberated across generations. 1928, Los Angeles: The newly-built Hotel Somerville is the hotspot for the city's glittering African-American elite. It embodies prosperity and dreams of equality for all—especially Daisy Washington. An up-and-coming journalist, Daisy anonymously chronicles fierce activism and behind-the-scenes Hollywood scandals in order to save her family from poverty. But power in the City of Angels is also fueled by racism, greed, and betrayal. And even the most determined

young woman can play too many secrets too far . . . 1968, Chicago: For Frankie Saunders, fleeing across America is her only escape from an abusive husband. But her rescuer is her reckless, profane Aunt Daisy, still reeling from her own shattered past. Frankie doesn't want to know what her aunt is up to so long as Daisy can get her to LA—and safety. But Frankie finds there's no hiding from long-held secrets—or her own surprising strength. Daisy will do whatever it takes to settle old scores and resolve the past—no matter the damage. And Frankie will come up against hard choices in the face of unexpected passion. Both must come to grips with what they need, what they've left behind—and all that lies ahead . . . “The scenes are cinematically vivid, the language fresh and vibrant, the characters complicated and real.” – Historical Novel Society “The author of *Wild Women and the Blues* is back with another historical fiction novel to dazzle and amaze.” – Book Riot “An engrossing family saga filled with heartbreak and love, victory, forgiveness, and loss, and a wonderful character study of several unforgettable women.” – All About Romance

I Am A Dinosaur is the perfect book for kids ages 3-7 who are fascinated with dinosaurs. Young children will learn current scientific thought about dinosaurs while also gaining a better understanding of how these prehistoric giants fit into Earth Science. Colorful full-page pictures of favorite dinosaurs like Ankylosaurus, Triceratops, Tyrannosaurus rex and many, many more will captivate toddlers. A sizing key will help children understand how big each dinosaur stands next to an average person, along with a simple pronunciation guide for each of the dinosaurs' names, created for grade levels preschool through first grade. Even the biggest of dinosaurs was once a baby. *I Am A Dinosaur* tells the story of the different stages of life that many dinosaur species lived, giving children an understanding of how these prehistoric creatures evolved and have taken their place in the animal kingdom. Dinosaurs walked the Earth millions of years ago and scientists are still uncovering their fossils today. Let's meet a few!

The Sun, as our nearest star, is of enormous importance for life on Earth - providing the warm radiation and light which allowed complex life to evolve. The Sun plays a key role in influencing our climate, whilst solar storms and high-energy events can threaten our communication infrastructure and satellites. *This Very Short Introduction* explores what we know about the Sun, its physics, its structure, origins, and future evolution. Philip Judge explains some of the remaining puzzles about the Sun that still confound us, using elementary physics, and mathematical concepts. Why does the Sun form spots? Why does it flare? As he shows, these and other nagging difficulties relate to the Sun's continually variable magnetism, which converts an otherwise dull star into a machine for flooding interplanetary space with variable radiation, high-energy particles and magnetic ejections. Throughout, Judge highlights the

many reasons that the Sun is important, and why scientists engage in solar research. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable. NEW YORK TIMES EDITORS' CHOICE • A novelist discovers the dark side of Hollywood and reckons with ambition, corruption, and environmental collapse in "a darkly satirical reflection of ecological reality" (Time) LONGLISTED FOR THE JOYCE CAROL OATES PRIZE • ONE OF THE BEST BOOKS OF THE YEAR: The New York Times Book Review, Time, Los Angeles Times, The Philadelphia Inquirer, Vulture, Thrillist, Literary Hub "An urgent novel about our very near future, and a deeply addictive pleasure."—Katie Kitamura, author of Intimacies Novelist Patrick Hamlin has come to Los Angeles to oversee the film adaptation of one of his books and try to impress his wife and daughter back home with this last-ditch attempt at professional success. But California is not as he imagined. Drought, wildfire, and corporate corruption are everywhere, and the company behind a mysterious new brand of synthetic water seems to be at the root of it all. Patrick finds an unlikely partner in Cassidy Carter—the cynical starlet of his film—and the two investigate the sun-scorched city, where they discover the darker side of all that glitters in Hollywood. Something New Under the Sun is an unmissable novel for our present moment—a bold exploration of environmental catastrophe in the age of alternative facts, and "a ghost story not of the past but of the near future" (The New York Times). For fans of Cheryl Strayed, the gripping story of a biologist's human-powered journey from the Pacific Northwest to the Arctic to rediscover her love of birds, nature, and adventure. During graduate school, as she conducted experiments on the peculiarly misshapen beaks of chickadees, ornithologist Caroline Van Hemert began to feel stifled in the isolated, sterile environment of the lab. Worried that she was losing her passion for the scientific research she once loved, she was compelled to experience wildness again, to be guided by the sounds of birds and to follow the trails of animals. In March of 2012, she and her husband set off on a 4,000-mile wilderness journey from the Pacific rainforest to the Alaskan Arctic, traveling by rowboat, ski, foot, raft, and canoe. Together, they survived harrowing dangers while also experiencing incredible moments of joy and grace -- migrating birds silhouetted against the moon, the steamy breath of caribou, and the bond that comes from sharing such experiences. A unique blend of science, adventure, and personal narrative, The Sun is a Compass explores the bounds of the physical body and the tenuousness of life in the company of the creatures who make their homes in the wildest places left in North America.

Inspiring and beautifully written, this love letter to nature is a lyrical testament to the resilience of the human spirit. Winner of the 2019 Banff Mountain Book Competition: Adventure Travel "One of those rare books that's both sweeping and specific, scholarly and readable...What makes the book stand out is its wealth of historical detail." –Elizabeth Kolbert, *The New Yorker*

The history of the twentieth century is most often told through its world wars, the rise and fall of communism, or its economic upheavals. In his startling book, J. R. McNeill gives us our first general account of what may prove to be the most significant dimension of the twentieth century: its environmental history. To a degree unprecedented in human history, we have refashioned the earth's air, water, and soil, and the biosphere of which we are a part. Based on exhaustive research, McNeill's story—a compelling blend of anecdotes, data, and shrewd analysis—never preaches: it is our definitive account. This is a volume in *The Global Century Series* (general editor, Paul Kennedy).

Which fungus is as sensitive to light as the human eye? What are the myths and facts about the ozone hole, tanning, skin cancer, and sunscreens? What is the effect of light on butterfly copulation? This entertaining collection of essays explores how various organisms -- including archaebacteria, slime molds, fungi, plants, insects, and humans -- sense and respond to sunlight. The essays in Peter A. Ensminger's book cover vision, photosynthesis, and phototropism, as well as such unusual topics as the reason why light causes beer to develop a "skunky" odor. He introduces us to the kinds of eyes that have evolved in different animals, including those in a species of shrimp that is ostensibly eyeless; gives us a better appreciation of color vision; explains how plowing fields at night may be used to control weeds; and tells about variegate porphyria, a metabolic disease that makes people very sensitive to sunlight and may have afflicted King George III of England. These engaging essays present a complicated yet fascinating subject in an accessible way. The book will be treasured by anyone interested in the wonders of biology.

Stephanie Michelle, who cares for animals and listens to the sun, believes the homeless child, Fondo, when he tells her that the geese have invited him to fly away with them. The world's second-wealthiest country, Japan once seemed poised to overtake America as the leading global economic powerhouse. But the country failed to recover from the staggering economic collapse of the early 1990s. Today it confronts an array of disturbing social trends, notably a population of more than one million hikikomori: the young men who shut themselves in their rooms, withdrawing from society. There is also a growing number of "parasite singles": single women who refuse to leave home, marry, or bear children. In this trenchant investigation, Michael Zielenziger argues that Japan's tradition-steeped society, its aversion to change, and its distrust of individuality are

stifling economic revival, political reform, and social evolution. Shutting Out the Sun is a bold explanation of Japan's stagnation and its implications for the rest of the world. "In this remarkable journey, Mark Woods captures the essence of our National Parks: their serenity and majesty, complexity and vitality--and their power to heal." --Ken Burns For many childhood summers, Mark Woods piled into a station wagon with his parents and two sisters and headed to America's national parks. Mark's most vivid childhood memories are set against a backdrop of mountains, woods, and fireflies in places like Redwood, Yosemite, and Grand Canyon national parks. On the eve of turning fifty and a little burned-out, Mark decided to reconnect with the great outdoors. He'd spend a year visiting the national parks. He planned to take his mother to a park she'd not yet visited and to re-create his childhood trips with his wife and their iPad-generation daughter. But then the unthinkable happened: his mother was diagnosed with cancer and given just months to live. Mark had initially intended to write a book about the future of the national parks, but Lassoing the Sun grew into something more: a book about family, the parks, and the legacies we inherit and the ones we leave behind. Gate of the Sun is the first magnum opus of the Palestinian saga. After their country is torn apart in 1948, two men remain alone in a deserted makeshift hospital in the Shatila camp on the outskirts of Beirut. We enter a vast world of displacement, fear, and tenuous hope. Khalil holds vigil at the bedside of his patient and spiritual father, a storied leader of the Palestinian resistance who has slipped into a coma. As Khalil attempts to revive Yunes, he begins a story, which branches into many. Stories of the people expelled from their villages in Galilee, of the massacres that followed, of the extraordinary inner strength of those who survived, and of love. Khalil--like Elias Khoury--is a truth collector, trying to make sense of the fragments and various versions of stories that have been told to him. His voice is intimate and direct, his memories are vivid, his humanity radiates from every page. Khalil lets his mind wander through time, from village to village, from one astonishing soul to another, and takes us with him. Gate of the Sun is a Palestinian Odyssey. Beautifully weaving together haunting stories of survival and loss, love and devastation, memory and dream, Khoury humanizes the complex Palestinian struggle as he brings to life the story of an entire people. There are trillions of stars in the universe, but we rely on our sun to provide (or contribute to) most of what we need to survive and thrive: heat, light, plants, animals, wind, and water. Complete with fun, cartoon illustrations, this book give kids plenty of information about our sun in an easy-to-read and digest format. By focusing on the needs of an elephant, Wells makes clear just how important the sun is to life on Earth. ****Four starred reviews!**** A farm-working girl with big dreams meets activist Dolores Huerta and

joins the 1965 protest for workers' rights in this tender-hearted novel in verse, perfect for fans of Rita Williams-Garcia and Pam Muñoz Ryan. Lula Viramontes aches to one day become someone whom no one can ignore: a daring ringleader in a Mexican traveling circus. But between working the grape harvest in Delano, California, with her older siblings under dangerous conditions; taking care of her younger siblings and Mamá, who has mysteriously fallen ill; and doing everything she can to avoid Papá's volatile temper, it's hard to hold on to those dreams. Then she meets Dolores Huerta, Larry Itliong, and other labor rights activists and realizes she may need to raise her voice sooner rather than later: Farmworkers are striking for better treatment and wages, and whether Lula's family joins them or not will determine their future. Discover how hot the sun is, and why we have day and night in this book about a star's that's hot and bright. For readers of *Bad Blood* and *Empire of Pain*, an authoritative look at monopoly medicine from the dawn of patents through the race for COVID-19 vaccines and how the privatization of public science has prioritized profits over people. *Owning the Sun* tells the story of one of the most contentious fights in human history: the legal right to produce lifesaving medicines. Medical science began as a discipline geared toward the betterment of all human life, but the merging of research with intellectual property and the rise of the pharmaceutical industry warped and eventually undermined its ethical foundations. Since World War II, federally funded research has facilitated most major medical breakthroughs, yet these drugs are often wholly controlled by price-gouging corporations with growing international ambitions. Why does the U.S. government fund the development of medical science in the name of the public only to relinquish exclusive rights to drug companies, and how does such a system impoverish us, weaken our responses to crises, and, as in the cases of AIDS and COVID-19, put the world at risk? Outlining how generations of public health and science advocates have attempted to hold the line against Big Pharma and their allies in government, Alexander Zaitchik's first-of-its-kind history documents the rise of privatized medicine in the United States and its subsequent globalization. From the controversial arrival of patent-wielding German drug firms in the late nineteenth century to present-day coordination between industry and philanthropic organizations—including the influential Bill & Melinda Gates Foundation—that stymie international efforts to vaccinate the world against COVID-19, *Owning the Sun* tells one of the most important and least understood histories of our time.

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