Song Of The Dodo

In Wild Thoughts from Wild Places, award-winning journalist David Quammen reminds us why he has become one of our most beloved science and nature writers. This collection of twenty-three of Quammen's most intriguing, most exciting, most memorable pieces takes us to meet kayakers on the Futaleufu River of southern Chile, where Quammen describes how it feels to travel in fast company and flail for survival in the river's maw. We are introduced to the commerce in pearls (and black-market parrots) in the Aru Islands of eastern Indonesia. Quammen even finds wildness in smogchoked Los Angeles -- embodied in an elusive population of urban coyotes, too stubborn and too clever to surrender to the sprawl of civilization. With humor and intelligence, David Quammen's Wild Thoughts from Wild Places also reminds us that humans are just one of the many species on earth with motivations, goals, quirks, and eccentricities. Expect to be entertained and moved on this journey through the wilds of science and nature.

Doctor and Martha are transported by the Tardis to the mysterious Museum of the Last Ones. There, in the Earth section, they discover every extinct creature - all still alive and in suspended animation. Preservation is the Museum's only job. And for millennia the Museum has been trying to trace one elusive specimen: the last of the Time Lords. Examines the emergence and causes of new diseases all over the world, describing a

process called "spillover" where illness originates in wild animals before being passed to humans and discusses the potential for the next huge pandemic. 70,000 first printing. The Song Of The Dodolsland Biogeography in an Age of ExtinctionsRandom House A fascinating insight into what climate change means for birds, and the consequences of ignoring the warning signs provided by them.

The Mascarene islands in the southern Indian Ocean - Mauritius, Réunion and Rodrigues - were once home to an extraordinary range of birds and reptiles. Evolving on these isolated volcanic islands in the absence of mammalian predators or competitors, the land was dominated by giant tortoises, parrots, skinks and geckos, burrowing boas, flightless rails & herons, and of course (in Mauritius) the Dodo. Uninhabited and only discovered in the 1500s, colonisation by European settlers in the 1600s led to dramatic changes in the ecology of the islands; the birds and tortoises were slaughtered indiscriminately while introduced rats, cats, pigs and monkeys destroyed their eggs, the once-extensive forests logged, and invasive introduced plants from all over the tropics devastated the ecosystem. The now-familiar icon of extinction, the Dodo, was gone from Mauritius within 50 years of human settlement, and over the next 150 years many of the Mascarenes' other native vertebrates followed suit. The product of over 30 years research by Anthony Cheke, Lost Land of the Dodo provides a comprehensive yet hugely enjoyable account of the story of the islands' changing ecology, interspersed with human stories, the islands' biogeographical anomalies, and

much else. Many French publications, old and new, especially for Réunion, are discussed and referenced in English for the first time. The book is richly illustrated with maps and contemporary illustrations of the animals and their environment, many of which have rarely been reprinted before. Illustrated box texts look in detail at each extinct vertebrate species, while Julian Hume's superb colour plates bring many of the extinct birds to life. Lost Land of the Dodo provides the definitive account of this tragic yet remarkable fauna, and is a must-read for anyone interested in islands, their ecology and the history of our relationship with the world around us.

In this "frightening and fascinating masterpiece" (Walter Isaacson), David Quammen explores the true origins of HIV/AIDS. The real story of AIDS—how it originated with a virus in a chimpanzee, jumped to one human, and then infected more than 60 million people—is very different from what most of us think we know. Recent research has revealed dark surprises and yielded a radically new scenario of how AIDS began and spread. Excerpted and adapted from the book Spillover, with a new introduction by the author, Quammen's hair-raising investigation tracks the virus from chimp populations in the jungles of southeastern Cameroon to laboratories across the globe, as he unravels the mysteries of when, where, and under what circumstances such a consequential "spillover" can happen. An audacious search for answers amid more than a century of data, The Chimp and the River tells the haunting tale of one of the most devastating pandemics of our time.

Best-selling author David Quammen takes readers on a breathtaking journey through America's most inspiring and imperiled ecosystem--Yellowstone National Park--in this monumental book on America's first national park. Yellowstone's storied past, rich ecosystem, and dynamic landscape are brilliantly portrayed in a captivating mosaic of photographs and eloquently written text that blend history, science, and research from the field. As much a visual ode to nature as an intimate tour of one of the world's most celebrated conservation areas, this gorgeous book illuminates the park's treasures grand and small--from the iconic Old Faithful to the rare gray wolf; from misty mountain tops to iridescent springs; and from sweeping valleys to flourishing wild blooms. In four illuminating sections that combine photos, sidebars, and graphics with elegantly crafted text, this book brings readers deeper into the life of the park than ever before, both commemorating its beauty and highlighting its challenges. This book is an essential addition to the National Parks' 100th anniversary celebration and will remind readers why conservation is worth every effort.

Population theory.

A New York Times Bestseller From bestselling author Neal Stephenson and critically acclaimed historical and contemporary commercial novelist Nicole Galland comes a captivating and complex near-future thriller combining history, science, magic, mystery, intrigue, and adventure that questions the very foundations of the modern world. When Melisande Stokes, an expert in linguistics

and languages, accidently meets military intelligence operator Tristan Lyons in a hallway at Harvard University, it is the beginning of a chain of events that will alter their lives and human history itself. The young man from a shadowy government entity approaches Mel, a low-level faculty member, with an incredible offer. The only condition: she must sign a nondisclosure agreement in return for the rather large sum of money. Tristan needs Mel to translate some very old documents, which, if authentic, are earth-shattering. They prove that magic actually existed and was practiced for centuries. But the arrival of the scientific revolution and the Age of Enlightenment weakened its power and endangered its practitioners. Magic stopped working altogether in 1851, at the time of the Great Exhibition at London's Crystal Palace—the world's fair celebrating the rise of industrial technology and commerce. Something about the modern world "jams" the "frequencies" used by magic, and it's up to Tristan to find out why. And so the Department of Diachronic Operations—D.O.D.O. —gets cracking on its real mission: to develop a device that can bring magic back, and send Diachronic Operatives back in time to keep it alive . . . and meddle with a little history at the same time. But while Tristan and his expanding operation master the science and build the technology, they overlook the mercurial—and treacherous—nature of the human heart. Written with the genius, complexity, and innovation that

characterize all of Neal Stephenson's work and steeped with the down-to-earth warmth and humor of Nicole Galland's storytelling style, this exciting and vividly realized work of science fiction will make you believe in the impossible, and take you to places—and times—beyond imagining.

The Dodo and the Solitaire is the most comprehensive book to date about these two famously extinct birds. It contains all the known contemporary accounts and illustrations of the dodo and solitaire, covering their history after extinction and discussing their ecology, classification, phylogenetic placement, and evolution. Both birds were large and flightless and lived on inhabited islands some 500 miles east of Madagascar. The first recorded descriptions of the dodo were provided by Dutch sailors who first encountered them in 1598—within 100 years, the dodo was extinct. So quickly did the bird disappear that there is insufficient evidence to form an entirely accurate picture of its appearance and ecology, and the absence has led to much speculation. The story of the dodo, like that of the solitaire, has been pieced together from fragments, both literary and physical, that have been carefully compiled and examined in this extraordinary volume. After a trip to the zoo, the Doctor and Martha go in search of a real life dodo, and are transported by the TARDIS to the mysterious Museum of the Last Ones. There, in the Earth section, they discover every extinct creature up to the present

day - billions of them, from the tiniest insect to the biggest dinosaur, all still alive and in suspended animation. Preservation is the Museum's only job - collecting the last of every endangered species from all over the universe. And for millennia the Museum has been trying to trace one elusive specimen: the last of the Time Lords... Featuring the Tenth Doctor and Martha as played by David Tennant and Freema Agyeman in the acclaimed Doctor Who series from BBC Television. In 1981 David Quammen began what might be every freelance writer's dream: a monthly column for Outside magazine in which he was given free rein to write about anything that interested him in the natural world. His column was called "Natural Acts," and for the next fifteen years he delighted Outside's readers with his fascinating ruminations on the world around us. The Boilerplate Rhino brings together twenty-six of Quammen's most thoughtful and engaging essays from that column, none previously printed in any of his earlier books. In lucid, penetrating, and often quirkily idiosyncratic prose, David Quammen takes his readers with him as he explores the world. His travels lead him to rattlesnake handlers in Texas; a lizard specialist in Baja; the dinosaur museum in Jordan, Montana; and halfway across Indonesia in search of the perfect Durian fruit. He ponders the history of nutmeg in the southern Moluccas, meditates on bioluminescent beetles while soaking in the waters of the Amazon, and delivers

"The Dope on Eggs" from a chicken ranch near his hometown in Montana. Quammen's travels are always jumping-off points to explore the rich and sometimes horrifying tension between humankind and the natural world, in all its complexity and ambivalence. The result is another irrepressible assortment of ideas to explore, conundrums to contemplate, and wondrous creatures to behold. *Includes pictures *Includes excerpts of contemporary accounts about the dodo *Includes a bibliography for further reading "The Dodo never had a chance. He seems to have been invented for the sole purpose of becoming extinct and that was all he was good for." - Willy Cuppy, 19th century American humorist and literary critic At one point or another, just about everyone has heard of the dodo bird, which is almost universally described as a cuddly, whimsical creature renowned for its alleged stupidity. This prehistoric avian had been known for hundreds of years before it was made popular around the world in Lewis Carroll's 1865 classic, Alice's Adventures in Wonderland. The character, the Dodo, satirized the author himself - according to pop culture lore, Carroll, whose real name was Charles Lutwidge Dodgson, regarded the dodo as his spirit animal due to his alleged stutter, which led to him often presenting himself as "Do-dododgson." Carroll was also a frequent patron of the Oxford Museum of Natural History, which served as a fount of inspiration for his memorable

anthropomorphic characters. The 1951 Disney animation, Alice in Wonderland, breathed new life into Carroll's Dodo, portrayed as a plump, peach-faced creature with a bulbous pink beak, clad in a purple waistcoat, a powdered wig, and a pipe dangling out of his beak. Like its real-life counterparts, the Dodo was depicted as a flightless bird who crossed paths with Alice, bobbing along inside of a bottle upon the open sea. Owing to its inability to fly, the Dodo uses an upside-down toucan as his boat, and the Dodo is being maneuvered by a green hawk furiously flapping its wings, serving as the boat's propeller. The dimwitted, carefree dodo also made various appearances in film and TV shows over the years, such as Yoyo Dodo in the 1938 black-and-white animation Porky in Wackyland, the shortlived stop-motion animated series Rocky and the Dodos, and the 2002 animated film Ice Age, which depicts the dodos as a silly, clumsy troop of birds who fail to guard three small watermelons. Indeed, the dodo's presence in literature, picture books, music, video games, and general pop culture has been so prevalent that it has secured its own entry on TV Tropes, where it is infamously immortalized as the "Dumb Dodo." This only scratches the surface of the string of misconceptions that has plagued the delightfully peculiar bird for centuries. Along with its stereotypical depictions in literature, film, and other mediums of pop culture, a number of idioms playing on the bird's alleged idiocy, as well as the supposed Page 9/24

role it played in its own extinction, have become irreversibly cemented in the English lexicon. "Dodo" and the even less tactful "dumb dodo" are slang terms directed at dense individuals, an explicit reference to the bird's sluggish reflexes and supposedly pint-sized brain. One may have also come across a business venture or a fad that has "gone the way of the dodo" or is "as dead as a dodo," meaning that the venture has become defunct, obsolete, or a thing of the past, most likely due to reckless and half-baked business practices. The phrase "deaf to reality like a dodo" has also been thrown around quite frequently in recent years, used to describe individuals who are overly trusting and blissfully ignorant of unpalatable facts and ugly truths. But were the dodo birds truly as simpleminded as they are often portrayed? And what were the actual factors behind the zany avian's extinction? The Dodo: The History and Legacy of the Extinct Flightless Bird looks at the origins of the bird, human contact with it, and how the species went extinct. Along with pictures depicting important people, places, and events, you will learn about the dodo like never before.

Why have island ecosystems always suffered such high rates of extinction? In our age, with all the world's landscapes, from Tasmania to the Amazon to Yellowstone, now being carved into island-like fragments by human activity, the implications of this question are more urgent than ever. Over the past eight

years, David Quammen has followed the threads of island biogeography on a globe-encircling journey of discovery.

"David Quammen is simply the best natural essayist working today."--Tim Cahill, author of Lost in My Own Backyard "Lively writing about science and nature depends less on the offering of good answers, I think, than on the offering of good questions," said David Quammen in the original introduction to Natural Acts. For more than two decades, he has stuck to that credo. In this updated version of curiosity leads him from New Mexico to Romania, from the Congo to the Amazon, asking questions about mosquitoes (what are their redeeming merits?), dinosaurs (how did they change the life of a dyslexic Vietnam vet?), and cloning (can it save endangered species?). This revised and expanded edition best-loved "Natural Acts" columns, which first appeared in Outside magazine in the early 1980s, and includes recent pieces such as "Planet of Weeds," an influential new Natural Acts is an eye-opening journey that will please both Quammen fans and newcomers to his work. Song lyrics have been redacted from this ebook owing to permissions issues.

Lottie's friend Dodo is funny, exotic, and utterly charming. Captain Vince is a lonely bird with a heart of gold. Children everywhere will delight in watching this unlikely pair find true love in Petra Mathers's newest picture book that

enchantingly proves there is someone for everyone.

When Soviet agent Viktor Tronko defected to the US in 1964, he made two intriguing claims: he insisted that Russia had not placed a mole inside the CIA, and that Lee Harvey Oswald had not been recruited to assassinate the president. Convinced that Tronko was working as a disinformation agent, the CIA furiously did everything they could to break him. But Tronko had one more surprise for them: he refused to break. Almost two decades later, former CIA officer Mel Pokorny shows up at journalist Michael Kessler's house and offers to talk about Tronko. It's the scoop of a lifetime for Kessler. But the more he investigates, the closer he gets to the truth: a truth so shocking that someone would do anything to keep it under wraps. This could be the biggest story of his life...if it doesn't kill him first. Filled with fascinating characters and darkly delicious humor, The Soul of Viktor Tronko is a rich, suspenseful espionage saga inspired by a true story. "Rich detail and vivid anecdotes of adventure....A treasure trove of exotic fact and hard thinking."—The New York Times Book Review, front page For millennia, lions, tigers, and their man-eating kin have kept our dark, scary forests dark and scary, and their predatory majesty has been the stuff of folklore. But by the year 2150 big predators may only exist on the other side of glass barriers and chainlink fences. Their gradual disappearance is changing the very nature of our

existence. We no longer occupy an intermediate position on the food chain: instead we survey it invulnerably from above—so far above that we are in danger of forgetting that we even belong to an ecosystem. Casting his expert eye over the rapidly diminishing areas of wilderness where predators still reign, the awardwinning author of The Song of the Dodo examines the fate of lions in India's Gir forest, of saltwater crocodiles in northern Australia, of brown bears in the mountains of Romania, and of Siberian tigers in the Russian Far East. In the poignant and troublesome ferocity of these embattled creatures, we recognize something primeval deep within us, something in danger of vanishing forever. "A frightening and fascinating masterpiece of science reporting that reads like a detective story." —Walter Isaacson In 1976 a deadly virus emerged from the Congo forest. As swiftly as it came, it disappeared, leaving no trace. Over the four decades since, Ebola has emerged sporadically, each time to devastating effect. It can kill up to 90 percent of its victims. In between these outbreaks, it is untraceable, hiding deep in the jungle. The search is on to find Ebola's elusive host animal. And until we find it, Ebola will continue to strike. Acclaimed science writer and explorer David Quammen first came near the virus while he was traveling in the jungles of Gabon, accompanied by local men whose village had been devastated by a recent outbreak. Here he tells the story of Ebola—its past,

present, and its unknowable future. Extracted from Spillover by David Quammen, updated and with additional material.

Nine months after the explosion, a French expedition searching for signs of life discovered a single spider that had crossed to the island on a balloon of silk. Life had returned to Krakatau. Scientists have been studying the island ever since. Discover the heartwarming true story of a life-changing friendship between a man and his rescue cat, Nala, as they adventure together on a bike journey around the world -- from the Instagram phenomenon @1bike1world. When 30-year-old Dean Nicholson set off from Scotland to cycle around the world, his aim was to learn as much as he could about our troubled planet. But he hadn't bargained on the lessons he'd learn from his unlikely companion. Three months after leaving home, on a remote road in the mountains between Montenegro and Bosnia, he came across an abandoned kitten. Something about the piercing eyes and plaintive meowing of the bedraggled little cat proved irresistible. He couldn't leave her to her fate, so he put her on his bike and then, with the help of local vets, nursed her back to health. Soon on his travels with the cat he named Nala, they forged an unbreakable bond -- both curious, independent, resilient and adventurous. The video of how they met has had 20 million views and their Instagram has grown to almost 750k followers -- and still counting! Experiencing

the kindness of strangers, visiting refugee camps, rescuing animals through Europe and Asia, Dean and Nala have already learned that the unexpected can be pretty amazing. Together with Garry Jenkins, writer with James Bowen of the bestselling A Street Cat Named Bob, Dean shares the extraordinary tale of his and Nala's inspiring and heart-warming adventure together.

Biogeography is the study of geographic variation in all characteristics of life ranging from genetic, morphological and behavioural variation among regional populations of a species, to geographic trends in diversity of entire communities across our planet's sufrace. From the ancient hunters and gatherers to the earliest naturalists, Charles Darwin, Alfred Russel Wallace, and scientists today, the search for patterns in life has provided insights that proved invaluable for understanding the natural world. And many, if not most, of the compelling kaleidoscope of patterns in biological diversity make little sense unless placed in an explicit geographic context. The Very Short Introduction explains the historical development of the field of biogeography, its fundamental tenets, principles and tools, and the invaluable insights it provides for understanding the diversity of life in the natural world. As Mark Lomolino shows, key questions such as where species occur, how they vary from place to place, where their ancestors occurred, and how they spread across the globe, are essential for us to develop

effective strategies for conserving the great menagerie of life across our planet. 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. Piano and Song - How to Teach, how to Learn, and how to Form a Judgement of Musical Performances is an unchanged, high-quality reprint of the original edition of 1875. Hansebooks is editor of the literature on different topic areas such as research and science, travel and expeditions, cooking and nutrition, medicine, and other genres. As a publisher we focus on the preservation of historical literature. Many works of historical writers and scientists are available today as antiques only. Hansebooks newly publishes these books and contributes to the preservation of literature which has become rare and historical knowledge for the future.

From the award-winning author of The Song of the Dodo comes a collection of essays in which various weird and wonderful aspects of nature are examined. This book contains tales of vegetarian piranha fish, voiceless dogs, and a scientific search for the genes that threaten to destroy the cheetah.

Chronicles the highly controversial practice of rescuing endangered island species by killing their predators, explaining how rats and other animals introduced to the Bering Sea midway by shipwrecks have decimated native bird populations. Illustrative examples from recent research publications and "classic" studies are prominently featured throughout the book. Research techniques are highlighted in "special interest" boxes. Illustrations and descriptions of research techniques are provided with examples such as fire-scars from trees used to reconstruct disturbance, fossil pollen used to reconstruct vegetation change and plant migration, transect and quadrate sampling. Includes key biogeographical theories that link space and time to the distribution of life. Some of these theories include: 1. Ranges, Reflicts, Refuges, Corridors, Barriers, 2. Centers of Origins, 3. Cladistics, 4. Variance, 5. Island BioGeography, 6. Diversity Theory, 7. Gap Analysis for Conservation. Songs from the Black MeadowAs you walk across the North York Moors and the mist rises around you, there is always a danger that you will find yourself lost within the Black Meadow. Over the years many have been drawn to this place and some have never been seen again. Inside the mist the lost remain, they shuffle desperately on through the fog and bramble. Within this collection you will find their voices calling out into the night, singing out for their lost loves, crying out in terror or trying to find their way home. Join them on the meadow. Listen to their words. But stay out of the mist... This collection includes the newly discovered tale "A Minstrel Came Out of the Meadow" as

well as the lyrics to some strange and darkly magical songs from the Black Meadow. "Quammen brilliantly and powerfully re-creates the 19th century naturalist's intellectual and spiritual journey."--Los Angeles Times Book Review Twenty-one years passed between Charles Darwin's epiphany that "natural selection" formed the basis of evolution and the scientist's publication of On the Origin of Species. Why did Darwin delay, and what happened during the course of those two decades? The human drama and scientific basis of these years constitute a fascinating, tangled tale that elucidates the character of a cautious naturalist who initiated an intellectual revolution. An inspiring story about what happens when 3,500 acres of land, farmed for centuries, is left to return to the wild, and about the wilder, richer future a natural landscape can bring. For years Charlie Burrell and his wife, Isabella Tree, farmed Knepp Castle Estate and struggled to turn a profit. By 2000, with the farm facing bankruptcy, they decided to try something radical. They would restore Knepp's 3,500 acres to the wild. Using herds of free-roaming animals to mimic the actions of the megafauna of the past, they hoped to bring nature back to their depleted land. But what would the neighbors say, in the manicured countryside of modern England where a blade of grass out of place is considered an affront? In the face of considerable opposition the couple persisted with their experiment and soon witnessed an extraordinary change. New life flooded into Knepp, now a breeding hotspot for rare and threatened species like turtle doves, peregrine falcons, and purple emperor butterflies. The fabled English nightingale sings

again. At a time of looming environmental disaster, Wilding is an inspiring story of a farm, a couple, and a community transformed. Isabella Tree's wonderful book brings together science, natural history, a fair bit of drama, and—ultimately—hope. An authoritative and entertaining exploration of Australia's distinctive birds and their unheralded role in global evolution Renowned for its gallery of unusual mammals, Australia is also a land of extraordinary birds. But unlike the mammals, the birds of Australia flew beyond the continent's boundaries and around the globe many millions of years ago. This eye-opening book tells the dynamic but little-known story of how Australia provided the world with songbirds and parrots, among other bird groups, why Australian birds wield surprising ecological power, how Australia became a major evolutionary center, and why scientific biases have hindered recognition of these discoveries. From violent, swooping magpies to tool-making cockatoos, Australia's birds are strikingly different from birds of other lands—often more intelligent and aggressive, often larger and longer-lived. Tim Low, a renowned biologist with a rare storytelling gift, here presents the amazing evolutionary history of Australia's birds. The story of the birds, it turns out, is inseparable from the story of the continent itself and also the people who inhabit it.

Martha loves birds, so one day when she meets and makes friends with a Dodo, a species supposed to be extinct, in the woods behind her house, she resolves to keep him secret to keep him safe--but sometimes it is hard to keep a big secret.

A wonderfully funny tale about the real reason why dodos are extinct "Dodos are extinct, you see. I know that same as you do." "If Dodos are extinct," said Fred, "Then what's that Dodo doo-doo?" Full of laugh-out-loud, read-aloud rhyming words, and brimming with humor and detail in the artwork, this silly story is fun to share.

Reproduction of the original: Padre Ignacio by Owen Wister

"Betsy Gaines Quammen has taken a deep, fascinating dive into a uniquely American brand of religious zealotry that poses a grave threat to our national parks, wilderness areas, wildlife sanctuaries, and other public lands. American Zion provides essential background for anyone concerned about the future of open space in the western United States. It also happens to be a delight to read." —JON KRAKAUER, author of Under the Banner of Heaven "A magnificent portrait of complexity, interrogating the collision between frontier thinking and the rising consciousness toward the climate crisis on public lands. Brilliant and electrifying...Gaines Quammen's voice is bright, engaging, and smart. She listens. She is fair. But she is not seduced by cowboy mythology. Her vision calls for an ecological wisdom that can govern our communities, both human and wild, with reverence and respect." —TERRY TEMPEST WILLIAMS, author of Erosion "What J. D. Vance did with Hillbilly Elegy to explain small-town Appalachian angst, Gaines Quammen has done with American Zion to help people understand the long and convoluted issues in the American West. With shades of Terry Tempest Williams, Barbara Kingsolver, and Ed Abbey, Gaines Quammen provides an in-depth and broad view of where America finds itself today." —THANE MAYNARD, co-author with Jane Goodall of Hope for Animals and Their World "I find the author's sense of the tribal perspectives spot on and sensitive. I enjoyed American Zion immensely—Betsy is a great storyteller!" —WALTER

FLEMING, department head and professor of Native American Studies, Montana State University "A fascinating primer on the twisted and nefarious legacy of theology, entitlement. conquest and patriarchy in the American West. Gaines Quammen offers indispensable reading for anyone who cares about the fate of the nation's public lands."—FLORENCE WILLIAMS, author of The Nature Fix "A creative, deeply thoughtful work on the origins, dynamics, and consequences of the Bundy legacy." —JEDEDIAH ROGERS, author of Roads in the Wilderness "Historian Betsy Gaines Quammen recounts the history of Mormons in America to help us understand how a painful abyss has formed between some of that religion's believers and management of national public lands in southern Arizona, Oregon, and Utah. Such understanding is essential for those of us working to cross that divide." —MARY O'BRIEN, author of Making Better Environmental Decisions "An empathetic and clear-eyed account of the intersections of faith, conservation, and Native rights in the skirmishes over Western public lands." —ANDREA AVANTAGGIO, Maria's Bookshop "Well-researched and compelling...required reading for anyone seeking to understand the complicated contemporary American West. Gaines Quammen is a natural storyteller." —ARIANA PALIOBAGIS, Country Bookshelf American Zion is the story of the Bundy family, famous for their armed conflicts in the West. With an antagonism that goes back to the very first Mormons who fled the Midwest for the Great Basin, they hold a sense of entitlement that confronts both law and democracy. Today their cowboy confrontations threaten public lands, wild species, and American heritage. In this New York Times bestseller and longlist nominee for the National Book Award, "our greatest living chronicler of the natural world" (The New York Times), David Quammen explains how recent discoveries in molecular biology affect our understanding of evolution and Page 21/24

life's history. In the mid-1970s, scientists began using DNA sequences to reexamine the history of all life. Perhaps the most startling discovery to come out of this new field—the study of life's diversity and relatedness at the molecular level—is horizontal gene transfer (HGT), or the movement of genes across species lines. It turns out that HGT has been widespread and important; we now know that roughly eight percent of the human genome arrived sideways by viral infection—a type of HGT. In The Tangled Tree, "the grandest tale in biology....David Quammen presents the science—and the scientists involved—with patience, candor, and flair" (Nature). We learn about the major players, such as Carl Woese, the most important littleknown biologist of the twentieth century; Lynn Margulis, the notorious maverick whose wild ideas about "mosaic" creatures proved to be true; and Tsutomu Wantanabe, who discovered that the scourge of antibiotic-resistant bacteria is a direct result of horizontal gene transfer, bringing the deep study of genome histories to bear on a global crisis in public health. "David Quammen proves to be an immensely well-informed guide to a complex story" (The Wall Street Journal). In The Tangled Tree, he explains how molecular studies of evolution have brought startling recognitions about the tangled tree of life—including where we humans fit upon it. Thanks to new technologies, we now have the ability to alter even our genetic composition—through sideways insertions, as nature has long been doing. "The Tangled Tree is a source of wonder....Quammen has written a deep and daring intellectual adventure" (The Boston Globe).

The story of the dodo is a classic of evolution and extinction equal in fascination to that of the dinosaur or the saber-toothed tiger. Unlike these, however, the dodo was the first recorded example of an extinction that was, in all probability, entirely caused by humans. Humankind

coexisted with the dodo between 1598 and 1681 and then the dodo was gone, hunted to extinction, unable to escape the new predators that arrived in ships on the isolated island later known as Mauritius. The giant pigeon, for this was what the dodo was, evolved from ancestors that had populated the island millions of years before in the Pleistocene period, when Mauritius was far adrift of where it lies today. The pigeons colonized an island paradise abundant with food, free of any terrestrial mammalian predators. Over millions of years they lost their instinct for danger. They also lost the ability to fly, and grew bulky with sturdy running legs. For the 17th-century sailors who arrived and settled on the island, they were easy to kill and as tasty as the turtles the sailors also caught and ate. The sailors introduced domestic animals and rat as well, competitors for the dodos' habitat. So much about the dodo is unknown and will never be known, and yet, the dodo engenders much speculation. The Dodo: Extinction in Paradiseexplores the science and the mythology, the history, archaeology, and legend, as well as the dodo's place in art and literature.

Mortimer becomes rowdier and rowdier as he refuses to go to sleep.

Takes a close-up look at island biogeography, the science of the geographic distribution of life on islands, and its significance in terms of evolution and extinction

Evolution, during the early nineteenth century, was an idea in the air. Other thinkers had suggested it, but no one had proposed a cogent explanation for how evolution occurs. Then, in September 1838, a young Englishman named Charles Darwin hit upon the idea that 'natural selection' among competing individuals would lead to wondrous adaptations and species diversity. Twenty-one years passed between that epiphany and publication of On the Origin of Species. The human drama and scientific basis of Darwin's twenty-one-year delay constitute a

fascinating, tangled tale that elucidates the character of a cautious naturalist who initiated an intellectual revolution. The Kiwi's Egg is a book for everyone who has ever wondered about who this man was and what he said. Drawing from Darwin's secret 'transmutation' notebooks and his personal letters, David Quammen has sketched a vivid life portrait of the man whose work never ceases to be controversial.

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