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You could purchase guide Rap Guide To Evolution Wiki or acquire it as soon as feasible. You could speedily download this Rap Guide To Evolution Wiki after getting deal. So, in the same way as you require the books swiftly, you can straight acquire it. Its consequently unquestionably easy and therefore fats, isnt it? You have to favor to in this express

The story in DNA, or, What kind of information can I get from DNA? -- The immortal germline, or, How do I get DNA samples? -- We are all mutants, or, How do I identify individuals? -- Endless copies, or, How do I amplify DNA? -- Descent with modification, or, How do I detect natural selection? -- Origin of species, or, How do I align DNA sequences? -- Tree of life, or, How do I construct a phylogeny? -- Tempo and mode, or, How do I estimate molecular dates? -- You are a scientist, or, What do I do now? Presents an introduction to evolutionary theory and describes the impact of the works and ideas of Charles Darwin have had on science and society. This new student textbook explores the history and meaning of the modern Olympic Games, providing a comprehensive overview of 'Olympism' from the Ancient Greeks origins through to the beginnings of the International Olympic Committee. You decide: Can you believe in God and Evolution? Draws on history, science, and philosophy to examine the development of evolutionary thought through the past two and a half centuries. Focuses on the great debates, including the 19th century clash over the nature of classification and debates about the fossil record, genetics, and human nature. When did anatomically modern humans emerge onto the scene? What traits did humanity leave behind in its development? What traits have we gained, and how might we develop in the future? With this beautifully designed guide, readers will learn the answers to these questions and more. They will explore the study of genetics and discover the impact this particular science has had on humanity as well as on our understanding of the rest of the natural world. They will also touch on genetic diseases and disorders, as well as the implications of genetic modification. Detailed diagrams, full-color illustrations, and engaging language round out this essential text on evolution and genetics. A provocative exploration of the tension between our evolutionary history and our modern woes—and what we can do about it. We are living through the most prosperous age in all of human history, yet we are listless, divided, and miserable. Wealth and comfort are unparalleled, but our political landscape is unmoored, and rates of suicide, loneliness, and chronic illness continue to skyrocket. How do we explain the gap between these truths? And how should we respond? For evolutionary biologists Heather Heying and Bret Weinstein, the cause of our troubles is clear: the accelerating rate of change in the modern world has outstripped the capacity of our brains and bodies to adapt. We evolved to live in clans, but today many people don't even know their neighbors' names. In our haste to discard outdated gender roles, we increasingly deny the flesh-and-blood realities of sex—and its ancient roots. The cognitive dissonance spawned by trying to live in a society we are not built for is killing us. In this book, Heying and Weinstein draw on decades of their work teaching in college classrooms and exploring Earth's most biodiverse ecosystems to confront today's pressing social ills—from widespread sleep deprivation and dangerous diets to damaging parenting styles and backward education practices. Asking the questions many modern people are afraid to ask, *A Hunter-Gatherer's Guide to the 21st Century* outlines a science-based worldview that will empower you to live a better, wiser life. Today, most colleges and universities offer evolutionary study as part of their biology curriculums. *Evolution For Dummies* will track a class in which evolution is taught and give an objective scientific view of the subject. This balanced guide explores the history and future of evolution, explaining the concepts and science behind it, offering case studies that support it, and comparing evolution with rival theories of creation, such as intelligent design. It also will identify the signs of evolution in the world around us and explain how this theory affects our everyday lives and the future to come. An authoritative exploration of why understanding evolution is crucial to human life today It is easy to think of evolution as something that happened long ago, or that occurs only in "nature," or that is so slow that its ongoing impact is virtually nonexistent when viewed from the perspective of a single human lifetime. But we now know that when natural selection is strong, evolutionary change can be very rapid. In this book, some of the world's leading scientists explore the implications of this reality for human life and society. With some twenty-three essays, this volume provides authoritative yet accessible explorations of why understanding evolution is crucial to human life—from dealing with climate change and ensuring our food supply, health, and economic survival to developing a richer and more accurate comprehension of society, culture, and even what it means to be human itself. Combining new essays with essays revised and updated from the acclaimed *Princeton Guide to Evolution*, this

collection addresses the role of evolution in aging, cognition, cooperation, religion, the media, engineering, computer science, and many other areas. The result is a compelling and important book about how evolution matters to humans today. The contributors are Dan I. Andersson, Francisco J. Ayala, Amy Cavanaugh, Cameron R. Currie, Dieter Ebert, Andrew D. Ellington, Elizabeth Hannon, John Hawks, Paul Keim, Richard E. Lenski, Tim Lewens, Jonathan B. Losos, Virpi Lummaa, Jacob A. Moorad, Craig Moritz, Martha M. Muñoz, Mark Pagel, Talima Pearson, Robert T. Pennock, Daniel E. L. Promislow, Erik M. Quandt, David C. Queller, Robert C. Richardson, Eugenie C. Scott, H. Bradley Shaffer, Joan E. Strassmann, Alan R. Templeton, Paul E. Turner, and Carl Zimmer. At a glance, most species seem adapted to the environment in which they live. Yet species relentlessly evolve, and populations within species evolve in different ways. Evolution, as it turns out, is much more dynamic than biologists realized just a few decades ago. In *Relentless Evolution*, John N. Thompson explores why adaptive evolution never ceases and why natural selection acts on species in so many different ways. Thompson presents a view of life in which ongoing evolution is essential and inevitable. Each chapter focuses on one of the major problems in adaptive evolution: How fast is evolution? How strong is natural selection? How do species co-opt the genomes of other species as they adapt? Why does adaptive evolution sometimes lead to more, rather than less, genetic variation within populations? How does the process of adaptation drive the evolution of new species? How does coevolution among species continually reshape the web of life? And, more generally, how are our views of adaptive evolution changing? *Relentless Evolution* draws on studies of all the major forms of life—from microbes that evolve in microcosms within a few weeks to plants and animals that sometimes evolve in detectable ways within a few decades. It shows evolution not as a slow and stately process, but rather as a continual and sometimes frenetic process that favors yet more evolutionary change. Named a 2007 Book of Distinction by the Sir John Templeton Foundation. The special edition of this award winning book celebrates the 200th birthday of Charles Darwin. Since, even before, the publication of Darwin's seminal work on evolution, science and religion have often been at odds. Even today culture wars continue to rage. How can I be faithful to God and fully enjoy the progress of science? Who is Charles Darwin and what did he actually say? Can you believe in God and evolution? Does teaching evolution corrupt our social values? How can you connect science and faith? Can science be a Christian vocation? So how can we interpret the creation story in the Bible? Authors Ted Peters and Martinez Hewlett give a balanced discussion of the impact of evolution to help church leaders understand the values at stake. They make the convincing case that Christians can connect their faith in God with a scientific understanding of evolution with integrity. Discusses early theories of evolution, the work of Darwin, fossil and other evidence, and the effects of evolution on us and the future. A bold, provocative history of our species finds the roots of civilization's success and failure in our evolutionary biology. We are living through the most prosperous age in all of human history, yet people are more listless, divided and miserable than ever. Wealth and comfort are unparalleled, and yet our political landscape grows ever more toxic, and rates of suicide, loneliness, and chronic illness continue to skyrocket. How do we explain the gap between these two truths? What's more, what can we do to close it? For evolutionary biologists Heather Heying and Bret Weinstein, the cause of our woes is clear: the modern world is out of sync with our ancient brains and bodies. We evolved to live in clans, but today most people don't even know their neighbors' names. Traditional gender roles once served a necessary evolutionary purpose, but today we dismiss them as regressive. The cognitive dissonance spawned by trying to live in a society we're not built for is killing us. In this book, Heying and Weinstein cut through the politically fraught discourse surrounding issues like sex, gender, diet, parenting, sleep, education, and more to outline a provocative, science-based worldview that will empower you to live a better, wiser life. They distill more than 20 years of research and first-hand accounts from the most biodiverse ecosystems on Earth into straight forward principles and guidance for confronting our culture of hyper-novelty. A fascinating and wide-ranging look at the controversies surrounding the search for the origins of the human species. Written for those new to the subject, *Human Evolution: A Guide to the Debates* presents the remarkable history of our understanding of human origins as it developed from the 1800s to the present. Most works on this topic focus narrowly on one individual, theory, or debate. In contrast, *Human Evolution* draws from a wide range of sources to offer a fully rounded portrait of the entire field. The chapters of the book follow a basic chronological order covering the issues, personalities, and discoveries that are central to the questions and controversies surrounding human evolution. The coverage draws from a wide range of associated topics and examines not only controversies of a religious nature but also those that have little to do with religion, allowing readers to weigh the information, come to their own conclusions, and even begin their own debates. Chronologically and geographically organized, progressing region by region, beginning with the 19th century. Includes an annotated "further reading" section at the end of each chapter. In 1859, Charles Darwin shocked the world with a radical theory - evolution by natural selection. One hundred and fifty years later, his theory still challenges some of our most precious beliefs. *Introducing Evolution* provides a step-by-step guide to 'Darwin's dangerous idea' and takes a fresh look at the often misunderstood concepts of

natural selection and the selfish gene. Drawing on the latest findings from genetics, ecology and animal behaviour- as well as the work of best-selling science writers such as Richard Dawkins and Steven Pinker- this book reveals how the evidence in favour of evolutionary theory is stronger than ever.

Draw on the wit and wisdom of brilliant scientists to inspire your students as you teach them about a challenging area of biology. This teachers guide, which accompanies the DVD *EVO: Ten Questions Everyone Should Ask About Evolution* is structured around 10 fundamental questions about biological evolution. The teachers guide explores the DVD's commentary from some of the world's most well-known biologists, who gathered on the Galàpagos Islands during a World Summit on Evolution and were interviewed about everything from what evolution is to how it happens to why anyone should care. While the video from the natural world provides students with vivid examples of the ideas and processes the biologists describe, the classroom experiences further support and develop students understanding of a scientifically-supported theory and its applications. The rigourously structured teachers guide helps you maximise the video with lesson-by-lesson learning outcomes; thorough background; and guidance on preparing for and then leading the lesson from initial student engagement through evaluation. Engaging, easy to use, and authoritative, *EVO Teachers Guide* and its DVD are must-have resources.

In his book *The Evolution of a Creationist* Dr. Jobe Martin chronicles his personal journey from traditional scientist to creationist. He was a traditional evolutionist but it was his medical and scientific training that would go through an evolution when he began to study animals that challenged the scientific assumptions of his education. Dr. Martin has been exploring the evolution vs. creation debate for the past 20 years. His findings have been fascinating students around the world as he lectures on these remarkable animal designs that cannot be explained by traditional evolution. "In 1859, Charles Darwin proposed a mechanism for biological evolution in his most famous work, *On the Origin of Species*. However, *Origin* makes little mention of humans. Despite this, Darwin thought deeply about humans and in 1871 published *The Descent of Man*, his influential and controversial book in which he applied evolutionary theory to humans and detailed his theory of sexual selection. February 2021 will mark the 150th anniversary of its publication. In [this book], twelve leading anthropologists, biologists, and journalists revisit *The Descent*. Following the same organization as the first edition of *Descent* --less the large section on sexual selection--each author reviews what Darwin wrote in *Descent*, comparing his words to what we now know"--

Positive psychologists focus on ways that we can advance the lives of individuals and communities by studying the factors that increase positive outcomes such as life satisfaction and happiness. Evolutionary psychologists use the principles of evolution, based on Darwin's understanding of life, to help shed light on any and all kinds of psychological phenomena. This book brings together both fields to explore positive evolutionary psychology: the use of evolutionary psychology principles to help people and communities experience more positive and fulfilling lives. Across eleven chapters, this book describes the basic ideas of both evolutionary and positive psychology, elaborates on the integration of these two fields as a way to help advance the human condition, discusses several domains of human functioning from the perspective of positive evolutionary psychology, and finally, looks with an eye toward the future of work in this emerging and dynamic field. Over the past few decades, evolutionary psychologists have begun to crack the code on such phenomena as happiness, gratitude, resilience, community, and love. This book describes these facets of the human experience in terms of their evolutionary origins and proposes how we might guide people to optimally experience such positive phenomena in their everyday lives. This book explains Darwin's dangerous idea and shows how it has been developed and confirmed in recent years. *Individual-Based Models of Cultural Evolution* shows readers how to create individual-based models of cultural evolution using the programming language R. The field of cultural evolution has emerged in the last few decades as a thriving, interdisciplinary effort to understand cultural change and cultural diversity within an evolutionary framework and using evolutionary tools, concepts, and methods. Given its roots in evolutionary biology, much of cultural evolution is grounded in, or inspired by, formal models. Yet many researchers interested in cultural evolution come from backgrounds that lack training in formal modelling, such as psychology, anthropology or archaeology. This book addresses that gap. It provides example code in R for readers to run their own models, moving from very simple models of the basic processes of cultural evolution, such as biased transmission and cultural mutation, to more advanced topics such as the evolution of social learning, demographic effects, and social network analysis. Features of this book: Recreates existing models in the literature to show how these were created and to enable readers to have a better understanding of their significance and how to apply them to their own research questions Provides full R code to realize models and analyse and plot outputs, with line-by-line analysis Requires no previous knowledge of the field of cultural evolution, and only very basic programming knowledge This is an essential resource for researchers and students interested in cultural evolution, including disciplines such as psychology, anthropology, archaeology, and biology as well as sociology and digital humanities. "A comprehensive yet straightforward and effective

roadmap to better health and fitness” (Shawn Perine, editor in chief of Muscle & Fitness), this accessible guidebook reveals exactly how to get the body of one of Hollywood’s hottest stars—promising to turn any Average Joe into a Joe Manganiello. With a build that men envy and women adore, Joe Manganiello is more than qualified to write the end-all guide to sculpting the perfect body. His fit physique catapulted him to the top of the list of Hollywood’s most desired male actors following his memorable performances in HBO’s hit show True Blood and in the Magic Mike films. In *Evolution*, Manganiello shares his lifetime of experience and research in terms of diet, cardio, and anatomy to bring you the only fitness book you’ll ever need in order to look and feel your best. Featuring black-and-white photographs and Manganiello’s step-by-step workout routine that combines weights, intense cardio, and a high protein diet. Thirty years ago, biologists could get by with a rudimentary grasp of mathematics and modeling. Not so today. In seeking to answer fundamental questions about how biological systems function and change over time, the modern biologist is as likely to rely on sophisticated mathematical and computer-based models as traditional fieldwork. In this book, Sarah Otto and Troy Day provide biology students with the tools necessary to both interpret models and to build their own. The book starts at an elementary level of mathematical modeling, assuming that the reader has had high school mathematics and first-year calculus. Otto and Day then gradually build in depth and complexity, from classic models in ecology and evolution to more intricate class-structured and probabilistic models. The authors provide primers with instructive exercises to introduce readers to the more advanced subjects of linear algebra and probability theory. Through examples, they describe how models have been used to understand such topics as the spread of HIV, chaos, the age structure of a country, speciation, and extinction. Ecologists and evolutionary biologists today need enough mathematical training to be able to assess the power and limits of biological models and to develop theories and models themselves. This innovative book will be an indispensable guide to the world of mathematical models for the next generation of biologists. A how-to guide for developing new mathematical models in biology Provides step-by-step recipes for constructing and analyzing models Interesting biological applications Explores classical models in ecology and evolution Questions at the end of every chapter Primers cover important mathematical topics Exercises with answers Appendixes summarize useful rules Labs and advanced material available Don’t send your kids off to college without this book, especially if they will be engaged in the sciences or philosophy. The Design of Science, Evolution, the Environment, and Redemption will clarify the differences, scientific basis, and logical foundation for the two most dominating and competing worldviews we have adopted in western society nowadays—namely science and religion. After reading this book, you will be able to better understand, articulate, and defend what you believe and why. As a society in general, we need to understand the basis of our morality and culture, and how science and religion each have a role to play. Just a few of the types of questions answered are: Is there really competition and conflict between science and religion? What is the technological and philosophical scope of science? How does our worldview affect the development of morality and virtue, both individually and collectively? Do we really need to be concerned about global environmental changes? Which type of worldview does the best job of providing answers to the tough questions on origin, purpose, environmental issues, morality, government, and eternity? Is a belief in God and the Bible part of the evolutionary process? Written by a mechanical engineer with more than thirty years of design and R&D experience, *The Design of Science, Evolution, the Environment, and Redemption* lays out in a clear, concise, easy-to-read, and entertaining manner much of the science, logic, and data used by academia and the media to answer life’s toughest questions as compared to the biblical Judeo-Christian tradition. This book explores how we can measure the truthfulness, accuracy, and scope of these worldviews and how they can affect us personally, spiritually, and culturally. The answers are logically, spiritually, and technically robust, as well as just plain surprising in many ways. Today the theory of evolution by natural selection and the science of genetics are the twin keys to our understanding of how life on earth came about. Yet when an English naturalist called Charles Darwin first published his ideas in 1859 in a book called *On the Origin of Species* the world was horrified at the notion of a changing creation without the intervention a Creator. By contrast, when a few years later an obscure Moravian monk, Gregor Mendel, published the results of his experiments in genetics the world failed to notice John Scotney's new book explains just what these two great men had discovered and follows the amazing development of this seminal idea from the decade when it turned the world on its head to the present time and the unravelling of the human genome. It describes how the first dinosaur fossils were believed to be the bones of giants and how little by little the ongoing story of living creatures has been assembled until we can see the thread of life running from single-cell microorganisms to primates like ourselves, and why most ancient creatures died out and some survive to this day. Indeed we still carry vestiges of former life forms in our bodies and it is said that ancient seas flow in our blood. Anatomy, taxonomy, chemistry, geology, archaeology, and embryology have all had a part in this remarkable detective story, and even the Cold War became involved when the followers of Mendel in the West were confronted by those of Lamarck in China and Russia. Modern evolutionary theory is shown to be a synthesis of many scientific fields and the product both of years of tireless work and of sudden imaginative leaps. *The Theory of Evolution* conveys the excitement of this fundamental

discovery and gives an insight into the way scientific enquiry and debate continue to shape our world. **SIMPLE GUIDES: SCIENCE** Simple Guides: Science are user-friendly introductions to the great scientific discoveries of the world. Written by experts in the field, they offer the general reader simple and engaging descriptions of key developments and breakthroughs in different fields of science and technology. • Simple Guides: Science are written in a clear, informal style, using plain, non-technical language to provide accessible introductions to complex scientific theories. • Organized both by theme and chronologically, the books link the major breakthroughs to the lives of their discoverers and inventors. • The clear structure and design enable the general reader to grasp essentials easily. • These guides will appeal to readers with no specific scientific knowledge, yet with a thirst to know more about the world we live in. • The scientific developments and theories are brought to life by descriptions of their social contexts; not only the breakthroughs are described, but also their impact on society and the human story behind the scientists. A novel handbook that explains why so many secondary and college students reject evolution and are antagonistic toward its teaching. Gives a description of evolutionary theory and analyzes the arguments of the creationists. Covering everything from fossilised dinosaurs to intelligent apes, this is an accessible guide to one of the most important scientific theories of all time. Burt Guttman assumes no prior scientific knowledge on the part of the reader, and explains each of the key ideas and concepts, including natural selection, genetics and the evolution of animal behaviour, in a lively and informative way. Looking ahead to the future of evolutionary theory, and assessing its possible implications for the way we understand morality, human nature and our place in the world, this book provides the perfect starting point for understanding what evolution is and why it matters. 'A dazzling, funny and elegantly angry demolition of our preconceptions about female behaviour and sex in the animal kingdom ... Bitch is a blast. I read it, my jaw sagging in astonishment, jotting down favourite parts to send to friends and reading out snippets gleefully...' Observer 'A book that is tearing down the stereotypes and the biases. Absolutely fascinating.' BBC R4 Woman's Hour 'From the heir to Attenborough. 5*' - Telegraph 'Glorious ... A bold and gripping takedown of the sexist mythology baked into biology ... Full of marvellous surprises. Guardian 'Colourful, committed and deeply informed.' Sunday Times 'Gloriously original' Daily Mirror A 'sparkling attack on scientific sexism' Nature 'Humorous, absorbing, sometimes shocking (for a variety of reasons), and bound to be a conversation starter' BBC Wildlife 'Brilliant ... Cooke is a superb science writer' TLS 'Zoologist Lucy Cooke's hilarious and enlightening book reclaims evolutionary biology for females of all species.' New Statesman 'Introduces us to a marvelous zoetrope of animals.' The Atlantic '[An] effervescent exposé ... [A] playful, enlightening tour of the vanguard of evolutionary biology.' Scientific American Selected for the Telegraph's 'best books for summer 2022' and as one of the Guardian's '50 hottest new books for a great escape'.

What does it mean to be female? Mother, carer, the weaker sex? Think again. In the last few decades a revolution has been brewing in zoology and evolutionary biology. Lucy Cooke introduces us to a riotous cast of animals, and the scientists studying them, that are redefining the female of the species. Meet the female lemurs of Madagascar, our ancient primate cousins that dominate the males of their species physically and politically. Or female albatross couples, hooking up together to raise their chicks in Hawaii. Or the meerkat mothers of the Kalahari Desert - the most murderous mammals on the planet. The bitches in BITCH overturn outdated binary expectations of bodies, brains, biology and behaviour. Lucy Cooke's brilliant new book will change how you think - about sex, sexual identity and sexuality in animals and also the very forces that shape evolution. _____ Praise for Lucy's previous book THE UNEXPECTED TRUTH ABOUT ANIMALS 'Endlessly fascinating' - Bill Bryson 'I cannot remember when I enjoyed a non-fiction book so much' - Daily Express 'A joy from beginning to end' - Guardian 'Best science pick: deeply researched, sassily written' - Nature Over the last several decades, mathematical models have become central to the study of social evolution, both in biology and the social sciences. But students in these disciplines often seriously lack the tools to understand them. A primer on behavioral modeling that includes both mathematics and evolutionary theory, *Mathematical Models of Social Evolution* aims to make the student and professional researcher in biology and the social sciences fully conversant in the language of the field. Teaching biological concepts from which models can be developed, Richard McElreath and Robert Boyd introduce readers to many of the typical mathematical tools that are used to analyze evolutionary models and end each chapter with a set of problems that draw upon these techniques. *Mathematical Models of Social Evolution* equips behaviorists and evolutionary biologists with the mathematical knowledge to truly understand the models on which their research depends. Ultimately, McElreath and Boyd's goal is to impart the fundamental concepts that underlie modern biological understandings of the evolution of behavior so that readers will be able to more fully appreciate journal articles and scientific literature, and start building models of their own. Thought-provoking and accessible in approach, this updated and expanded second edition of the *Absolute Beginner's Guide to Evolution of Modern Science* provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview

is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@smpress.co.uk Science & Management Press of London

What does the knowledge about our species mean? This book tackles that question and more in this journey through our ancestry, beginning sixty-five million years ago with the first primates. Along the way, it re-examines the major steps in human evolution, as hominids began to stand upright, fashion tools and develop consciousness. The Princeton Guide to Evolution is a comprehensive, concise, and authoritative reference to the major subjects and key concepts in evolutionary biology, from genes to mass extinctions. The Princeton Guide to Evolution is a comprehensive, concise, and authoritative reference to the major subjects and key concepts in evolutionary biology, from genes to mass extinctions. Edited by a distinguished team of evolutionary biologists, with contributions from leading researchers, the guide contains some 100 clear, accurate, and up-to-date articles on the most important topics in seven major areas: phylogenetics and the history of life; selection and adaptation; evolutionary processes; genes, genomes, and phenotypes; speciation and macroevolution; evolution of behavior, society, and humans; and evolution and modern society. Complete with more than 100 illustrations (including eight pages in color), glossaries of key terms, suggestions for further reading on each topic, and an index, this is an essential volume for undergraduate and graduate students, scientists in related fields, and anyone else with a serious interest in evolution. Explains key topics in some 100 concise and authoritative articles written by a team of leading evolutionary biologists Contains more than 100 illustrations, including eight pages in color Each article includes an outline, glossary, bibliography, and cross-references Covers phylogenetics and the history of life; selection and adaptation; evolutionary processes; genes, genomes, and phenotypes; speciation and macroevolution; evolution of behavior, society, and humans; and evolution and modern society

When should you adopt an aggressive business strategy? How do we make decisions when we don't have all the information? What makes international environmental cooperation possible? Game theory is the study of how we make a decision when the outcome of our moves depends on the decisions of someone else. Economists Ivan and Tuvana Pastine explain why, in these situations, we sometimes cooperate, sometimes clash, and sometimes act in a way that seems completely random. Stylishly brought to life by award-winning cartoonist Tom Humberstone, Game Theory will help readers understand behaviour in everything from our social lives to business, global politics to evolutionary biology. It provides a thrilling new perspective on the world we live in. Bringing together conceptual obstacles and core concepts of evolutionary theory, this book presents evolution as straightforward and intuitive. Follow the story of evolution! The illustrated children's book is a beautiful introduction to the evolution of species over millions of years. What's made animals survive and naturally go extinct? Why are fish scaled? Why do birds have wings? Find out about the changing animal anatomy discoveries made by Swedish zoologist Charles Linneaus. Animals and evolution are fascinating subjects to teach little minds. Discover the ways that animals have adapted to survive and the amazing reasons behind these adaptations. The illustrated guide includes:

- Beautiful artwork, perfect for fans of Owen Davey.
- Many different animal features (like eyes, scales, claws, hair and many more), as well as feature spreads on topics like fast evolution.
- Highly accessible text about a key school subject. Kids age 7 and older will be delighted by the scientific facts in this wildlife book. It's filled with incredible bits of information that spark a deep curiosity in the natural world, evolution and the animal kingdom. The book highlights that evolution is an ongoing process, and allows kids to look at the world around them and notice the continuing evolution of species. Evolved also features more in-depth explanations of animal body parts, how they work and how they're different from other species. Children will understand how evolution made certain elements of the natural world unnecessary, and others integral to survival. Explanations of Charles Linneaus' classification system of all living things are included and give kids, adults and educators a fantastic reference to the magnificent living world. The first modern scholarly synthesis of animal domestication Across the globe and at different times in the past millennia, the evolutionary history of domesticated animals has been greatly affected by the myriad, complex, and diverse interactions humans have had with the animals closest to them. The Process of Animal Domestication presents a broad synthesis of this subject, from the rich biology behind the initial stages of domestication to how the creation of breeds reflects cultural and societal transformations that have impacted the biosphere. Marcelo Sánchez-Villagra draws from a wide range of fields, including evolutionary biology, zooarchaeology, ethnology, genetics, developmental biology, and evolutionary morphology to provide a fresh perspective to this classic topic. Relying on various conceptual and technical tools, he examines the natural history of phenotypes and their developmental origins. He presents case studies involving mammals, birds, fish, and insect species, and he highlights the importance of domestication for the comprehension of evolution, anatomy, ontogeny, and dozens of fundamental biological processes. Bringing together the most current developments, The Process of Animal Domestication will interest a wide range of readers, from evolutionary biologists, developmental biologists, and geneticists to anthropologists and archaeologists.

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