

## Human Evolution An Illustrated Introduction

Human Evolution Extinct Humans Principles of Human Evolution The Neuroaffective Picture Book Cognitive Archaeology and Human Evolution The Story of the Human Body Who We Are and How We Got Here The Complete World of Human Evolution Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species Ancestors in Our Genome Construction Technology Darwin, His Daughter, and Human Evolution The Book of Humans Human Biology: an Introduction to Human Evolution, Variation and Growth Through the Lens of Anthropology Practical Skills in Biomolecular Sciences Human Evolution Complexity Biomechanics of Movement Children of Time A Pocket History of Human Evolution Sequence - Evolution - Function The Ancestor's Tale Bioenergetics at a Glance Introducing Evolution The Origin of Modern Humans Reconstructing Human Origins Prehistoric Stone Tools of Eastern Africa Bad Choices Born in Africa The Magic of Reality The Book of Life The Cambridge Encyclopedia to Human Evolution Lucy Bats The Evolution of Our Tribe Bones of Contention Science in Medieval Islam How the Internet Really Works Were the First People Swimmers?

### Human Evolution

Adam Rutherford describes [The Book of Humans] as being about the paradox of how our evolutionary journey turned "an otherwise average ape" into one capable of creating complex tools, art, music, science, and engineering. It's an intriguing question, one his book sets against descriptions of the infinitely amusing strategies and antics of a dizzying array of animals. —The New York Times Book Review Publisher's Note: The Book of Humans was previously published in hardcover as *Humanimal*. In this new evolutionary history, geneticist Adam Rutherford explores the profound paradox of the human animal. Looking for answers across the animal kingdom, he finds that many things once considered exclusively human are not: We aren't the only species that "speaks," makes tools, or has sex outside of procreation. Seeing as our genome is 98 percent identical to a chimpanzee's, our DNA doesn't set us far apart, either. How, then, did we develop the most complex culture ever observed? The Book of Humans proves that we are animals indeed—and reveals how we truly are extraordinary.

### Extinct Humans

Challenging prevailing notions of the evolution of humans, this fascinating study of a controversial topic posits that the human evolutionary tree actually contained many branches, and that some of these groups may have exterminated others. 10,000 first printing.

### Principles of Human Evolution

### The Neuroaffective Picture Book

Johanson, the discoverer, in 1974, of "Lucy"—the oldest skeleton of an erect-walking human yet found—reports the story of his internationally acclaimed find

### Cognitive Archaeology and Human Evolution

Sequence - Evolution - Function is an introduction to the computational approaches that play a critical role in the emerging new branch of biology known as functional genomics. The book provides the reader

with an understanding of the principles and approaches of functional genomics and of the potential and limitations of computational and experimental approaches to genome analysis. Sequence - Evolution - Function should help bridge the "digital divide" between biologists and computer scientists, allowing biologists to better grasp the peculiarities of the emerging field of Genome Biology and to learn how to benefit from the enormous amount of sequence data available in the public databases. The book is non-technical with respect to the computer methods for genome analysis and discusses these methods from the user's viewpoint, without addressing mathematical and algorithmic details. Prior practical familiarity with the basic methods for sequence analysis is a major advantage, but a reader without such experience will be able to use the book as an introduction to these methods. This book is perfect for introductory level courses in computational methods for comparative and functional genomics.

### The Story of the Human Body

The wildly popular author of *Bad Arguments* returns with a funny, smart introduction to algorithms—those perennially misunderstood, increasingly important problem-solving rules that can save you time and lead to better choices, every day. Why is Facebook so good at predicting what you like? How do you discover new music? What's the best way to sort your laundry? Readers around the world have embraced Ali Almosawi's whimsical illustrations—drawn by his collaborator Alejandro Giraldo—and his funny, clarifying explanations of complex subjects. In fewer than 200 pages, Almosawi demystifies a new topic of increasing relevance to our lives: algorithms. *Bad Choices* is a book for anyone who's looked at a given task and wondered if there was a better, faster way to get the task done. What's the best way to organize a grocery list? What's the secret to being more productive at work? How can we better express ourselves in 140-characters? Presenting us with alternative methods for tackling twelve different scenarios, Almosawi guides us to better choices that borrow from some systems that underline a computer word processor, a Google search engine, or a Facebook ad. Once you recognize what makes a method faster and more efficient, you'll become a more nimble, creative problem-solver, ready to face new challenges. *Bad Choices* will open the world of algorithms to all readers making this a perennial go-to for fans of quirky, accessible science books. From the Hardcover edition.

### Who We Are and How We Got Here

The brief length and focused coverage of *Human Evolution: An Illustrated Introduction* have made this best-selling textbook the ideal complement to any biology or anthropology course in which human evolution is taught. The text places human evolution in the context of humans as animals, while also showing the physical context of human evolution, including climate change and the impact of extinctions. Chapter introductions, numerous drawings and photographs, and an essential glossary all add to the accessibility of this text. The fifth edition has been thoroughly updated to include coverage of the latest discoveries and perspectives, including: New early hominid fossils from Africa and Georgia, and their implications New archaeological evidence from Africa on the origin of modern humans Updated coverage of prehistoric art, including new sites New perspectives on molecular evidence and their implications for human population history.

### The Complete World of Human Evolution

During the Golden Age of Islam (seventh through seventeenth centuries A.D.), Muslim philosophers and poets, artists and scientists, princes and laborers created a unique culture that has influenced societies on every continent. This book offers a fully illustrated, highly accessible introduction to an important aspect of that culture—the scientific achievements of medieval Islam. Howard Turner opens with a historical overview of the spread of Islamic civilization from the Arabian peninsula eastward to India and

westward across northern Africa into Spain. He describes how a passion for knowledge led the Muslims during their centuries of empire-building to assimilate and expand the scientific knowledge of older cultures, including those of Greece, India, and China. He explores medieval Islamic accomplishments in cosmology, mathematics, astronomy, astrology, geography, medicine, natural sciences, alchemy, and optics. He also indicates the ways in which Muslim scientific achievement influenced the advance of science in the Western world from the Renaissance to the modern era. This survey of historic Muslim scientific achievements offers students and general readers a window into one of the world's great cultures, one which is experiencing a remarkable resurgence as a religious, political, and social force in our own time.

### Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species

#### Ancestors in Our Genome

In a chest of drawers bequeathed by his grandmother, author Randal Keynes discovered the writing case of Charles and Emma Darwin's beloved daughter Annie Darwin, who died at the age of ten. He also found the notes Darwin kept throughout Annie's illness, the eulogy he delivered at her funeral—and provocative new insights into Darwin's views on nature, evolution, and the human condition. In *Darwin, His Daughter & Human Evolution*, Keynes shows that Darwin was not "a cold intellect with no place for love in his famous 'struggle for existence,' [but] a man of uncommon warmth" (*Scientific American*). *Creation: The True Story of Charles Darwin* is now a major motion picture and the movie tie-in paperback is also available from Riverhead Books.

#### Construction Technology

The best-selling author of *The God Delusion* and the artist of such award-winning graphic novels as *Wizard* and *Glass* address key scientific questions previously explained by rich mythologies, from the evolution of the first humans and the life cycle of stars to the principles of a rainbow and the origins of the universe. 150,000 first printing.

#### Darwin, His Daughter, and Human Evolution

An accessible, comic book-like, illustrated introduction to how the internet works under the hood, designed to give people a basic understanding of the technical aspects of the Internet that they need in order to advocate for digital rights. The internet has profoundly changed interpersonal communication, but most of us don't really understand how it works. What enables information to travel across the internet? Can we really be anonymous and private online? Who controls the internet, and why is that important? And what's with all the cats? *How the Internet Really Works* answers these questions and more. Using clear language and whimsical illustrations, the authors translate highly technical topics into accessible, engaging prose that demystifies the world's most intricately linked computer network. Alongside a feline guide named Catnip, you'll learn about: □ The "How-What-Why" of nodes, packets, and internet protocols □ Cryptographic techniques to ensure the secrecy and integrity of your data □ Censorship, ways to monitor it, and means for circumventing it □ Cybernetics, algorithms, and how computers make decisions □ Centralization of internet power, its impact on democracy, and how it hurts human rights □ Internet governance, and ways to get involved This book is also a call to action, laying out a roadmap for using your newfound knowledge to influence the evolution of digitally inclusive, rights-respecting internet laws and policies. Whether you're a citizen concerned about staying safe

online, a civil servant seeking to address censorship, an advocate addressing worldwide freedom of expression issues, or simply someone with a cat-like curiosity about network infrastructure, you will be delighted -- and enlightened -- by Catnip's felicitously fun guide to understanding how the internet really works!

### The Book of Humans

Ancient relics--stone tools, bones, footprints, and even DNA--offer many clues about our human ancestors and how they lived. At the same time, our kinship with our human ancestors lies as much in their sense of humor, their interactions with others, their curiosity and their moments of wonder, as it does in the shape of their bones and teeth. And the evolution of human behavior left no direct fossil traces. *Children of Time* brings this vanished aspect of the human past to life through Anne Weaver's scientifically-informed imagination. The stories move through time, following the lives of long-ago hominins through the eyes of their children. Each carefully researched chapter is based on an actual child fossil--a baby, a five-year-old, a young adolescent, and teenagers. The children and their families are brought to life through illustrator Matt Celeskey's vividly rendered paleoenvironments where they encounter saber-toothed cats, giraffids, wild dogs, fearsome crocodiles, and primitive horses. Their adventures invite readers to think about what it means to be human, and to speculate on the human drama as it unfolds in many dimensions, from social organization and technology to language, music, art, and religious consciousness. Visit the website at [www.children-of-time.com](http://www.children-of-time.com).

### Human Biology: an Introduction to Human Evolution, Variation and Growth

The tools used to unearth the facts of our prehistoric past have not always been tangible. Each fossil discovery and new method of analysis is met with an avalanche of debate, alternate interpretations, and the refutation of competing theories. This text is a concise and provocative look at some answers to the question "Where did we come from?" .

### Through the Lens of Anthropology

Africa does not give up its secrets easily. Buried there lie answers about the origins of humankind. After a century of investigation, scientists have transformed our understanding about the beginnings of human life. But vital clues still remain hidden. In *Born in Africa*, Martin Meredith follows the trail of discoveries about human origins made by scientists over the last hundred years, recounting their intense rivalry, personal feuds, and fierce controversies as well as their feats of skill and endurance. The results have been momentous. Scientists have identified more than twenty species of extinct humans. They have firmly established Africa as the birthplace not only of humankind but also of modern humans. They have revealed how early technology, language ability, and artistic endeavour all originated in Africa; and they have shown how small groups of Africans spread out from Africa in an exodus sixty thousand years ago to populate the rest of the world. We have all inherited an African past.

### Practical Skills in Biomolecular Sciences

An illustrated natural history of the Earth and its denizens combines paintings, drawings, and computer-generated images with a chronicle of the world's variegated organisms and species.

### Human Evolution

Why aren't we more like other apes? How did we win the evolutionary race? Find out how [wise] Homo

sapiens really are. Prehistory has never been more exciting: New discoveries are overturning long-held theories left and right. Stone tools in Australia date back 65,000 years—a time when, we once thought, the first Sapiens had barely left Africa. DNA sequencing has unearthed a new hominid group—the Denisovans—and confirmed that crossbreeding with them (and Neanderthals) made Homo sapiens who we are today. A Pocket History of Human Evolution brings us up-to-date on the exploits of all our ancient relatives. Paleoanthropologist Silvana Condemi and science journalist François Savatier consider what accelerated our evolution: Was it tools, our “large” brains, language, empathy, or something else entirely? And why are we the sole survivors among many early bipedal humans? Their conclusions reveal the various ways ancient humans live on today—from gossip as modern “grooming” to our gendered division of labor—and what the future might hold for our strange and unique species.

### Complexity

An engaging introduction to human and animal movement seen through the lens of mechanics. How do Olympic sprinters run so fast? Why do astronauts adopt a bounding gait on the moon? How do running shoes improve performance while preventing injuries? This engaging and generously illustrated book answers these questions by examining human and animal movement through the lens of mechanics. The authors present simple conceptual models to study walking and running and apply mechanical principles to a range of interesting examples. They explore the biology of how movement is produced, examining the structure of a muscle down to its microscopic force-generating motors. Drawing on their deep expertise, the authors describe how to create simulations that provide insight into muscle coordination during walking and running, suggest treatments to improve function following injury, and help design devices that enhance human performance.

### Biomechanics of Movement

Your child asks, “Where did we come from?” and you wish you had a scientific explanation of human evolution to answer the question. Or you're grown up and you're still curious. How did our species become so different from the other great apes, or for that matter, from other mammals? More than a century and a half after Darwin's *On the Origin of Species* was published, the mystery of the “missing link” is still unresolved. Scientists agree on approximately when the split occurred between humans and our last common ancestors, but not how. *Were the First People Swimmers?* introduces the reader to an elegant, rigorous theory by Welsh writer Elaine Morgan, based on a hypothesis by marine biologist Alister Hardy, that our early Homo sapien ancestors evolved through natural selection in water. The theory became known as the Aquatic Ape Theory or “AAT.” Morgan wrote six books on human evolution and the theory. *Were the First People Swimmers?* guides you, with elementary text and playful illustrations, through empirical evidence that explains how the first humans could have started talking, lost their ability to run on all four legs, lost their fur, and acquired subcutaneous fat. Elaine Morgan provided ideas and feedback in the conception and planning of *Were the First People Swimmers?* The book encourages observation of nature, critical thinking and inter-generational learning.

### Children of Time

David Reich describes how the revolution in the ability to sequence ancient DNA has changed our understanding of the deep human past. This book tells the emerging story of our often surprising ancestry - the extraordinary ancient migrations and mixtures of populations that have made us who we are.

### A Pocket History of Human Evolution

Reconstructing Human Origins is the most authoritative, comprehensive, and popular paleoanthropology textbook available. Respected anthropologists Glenn Conroy and new coauthor Herman Pontzer use clear writing and abundant, carefully chosen illustrations to illuminate key concepts and help students get the most out of the course. This definitive paleoanthropology text has been fully revised to keep pace with all of the exciting recent developments in the field.

### Sequence □ Evolution □ Function

Principles of Human Evolution presents an in-depth introduction to paleoanthropology and the study of human evolution. Focusing on the fundamentals of evolutionary theory and how these apply to ecological, molecular genetic, paleontological and archeological approaches to important questions in the field, this timely textbook will help students gain a perspective on human evolution in the context of modern biological thinking. The second edition of this successful text features the addition of Robert Foley, a leading researcher in Human Evolutionary Studies, to the writing team. Strong emphasis on evolutionary theory, ecology and behavior and scores of new examples reflect the latest evolutionary theories and recent archaeological finds. More than a simple update, the new edition is organized by issue rather than chronology, integrating behavior, adaptation and anatomy. A new design and new figure references make this edition more accessible for students and instructors. New author, Robert Foley □ leading figure in Human Evolutionary Studies □ joins the writing team. Dedicated website □ [www.blackwellpublishing.com/lewin](http://www.blackwellpublishing.com/lewin) □ provides study resources and artwork downloadable for Powerpoint presentations. Beyond the Facts boxes □ explore key scientific debates in greater depth. Margin Comments □ indicate the key points in each section. Key Questions □ review and test students' knowledge of central chapter concepts and help focus the way a student approaches reading the text. New emphasis on ecological and behavioral evolution □ in keeping with modern research. Fully up to date with recent fossil finds and interpretations; integration of genetic and paleoanthropological approaches.

### The Ancestor's Tale

In this book the author, a Harvard evolutionary biologist presents an account of how the human body has evolved over millions of years, examining how an increasing disparity between the needs of Stone Age bodies and the realities of the modern world are fueling a paradox of greater longevity and chronic disease. It illuminates the major transformations that contributed key adaptations to the body: the rise of bipedalism; the shift to a non-fruit-based diet; the advent of hunting and gathering, leading to our superlative endurance athleticism; the development of a very large brain; and the incipience of cultural proficiencies. The author also elucidates how cultural evolution differs from biological evolution, and how our bodies were further transformed during the Agricultural and Industrial Revolutions. While these ongoing changes have brought about many benefits, they have also created conditions to which our bodies are not entirely adapted, the author argues, resulting in the growing incidence of obesity and new but avoidable diseases, such as type 2 diabetes. The author proposes that many of these chronic illnesses persist and in some cases are intensifying because of 'dys evolution,' a pernicious dynamic whereby only the symptoms rather than the causes of these maladies are treated. And finally, he advocates the use of evolutionary information to help nudge, push, and sometimes even compel us to create a more salubrious environment. -- From publisher's web site.

### Bioenergetics at a Glance

Bats: An Illustrated Guide to All Species looks in detail at the more than 1,300 species known today. Nocturnal, fast-flying and secretive, they are endlessly fascinating, yet extremely difficult to observe and catalogue. The diversity of bats is both rich and underestimated and the threats they face from humans

are very real. This guide illuminates the world of bats and reveals their true nature as intelligent, social and deeply misunderstood creatures. This extravagantly illustrated handbook features the work of famed nature photographer Merlin D. Tuttle and in-depth profiles of 288 bats, from the Large Flying Fox, which has a wingspan of more than five feet, to the Bumblebee Bat, contender for the world's smallest mammal. Bats includes close-up images of these animals' delicate and intricate forms and faces, each shaped by evolution to meet the demands of an extraordinarily specialized life, and a thorough introduction which explores their natural history and unique adaptations to life on the wing.

### Introducing Evolution

A detailed overview of the Eastern African stone tools that make up the world's longest archaeological record.

### The Origin of Modern Humans

“Deftly weaving together science and personal observation, Lee proves an engaging, authoritative guide of the human condition.” —Kate Wong, editor at Scientific American What can fossilized teeth tell us about our ancient ancestors’ life expectancy? Did farming play a problematic role in the history of human evolution? And what do we have in common with Neanderthals? In this captivating bestseller, *Close Encounters with Humankind*, paleoanthropologist Sang-Hee Lee explores our greatest evolutionary questions from new and unexpected angles. Through a series of entertaining, bite-sized chapters that combine anthropological insight with cutting-edge science, we gain fresh perspectives into our first hominin ancestors and ways to challenge perceptions about the traditional progression of evolution. With Lee as our guide, we discover that we indeed have always been a species of continuous change.

### Reconstructing Human Origins

Where did we come from? What were our ancestors like? Why do we differ from other animals? How do scientists trace and construct our evolutionary history? *The Evolution of Our Tribe: Hominini* provides answers to these questions and more. The book explores the field of paleoanthropology past and present. Beginning over 65 million years ago, Welker traces the evolution of our species, the environments and selective forces that shaped our ancestors, their physical and cultural adaptations, and the people and places involved with their discovery and study. It is designed as a textbook for a course on Human Evolution but can also serve as an introductory text for relevant sections of courses in Biological or General Anthropology or general interest. It is both a comprehensive technical reference for relevant terms, theories, methods, and species and an overview of the people, places, and discoveries that have imbued paleoanthropology with such fascination, romance, and mystery.

### Prehistoric Stone Tools of Eastern Africa

Explores the nature of the debate over the findings of paleoanthropologists, looking at how the biases and preconceptions of scientists in the field shape their work, and telling the stories of some of the world's major fossil finds.

### Bad Choices

Geneticist Eugene Harris presents us with the complete and up-to-date account of the evolution of the human genome.

## Born in Africa

If you are a studying within the biomolecular sciences (including biochemistry, biomedical sciences, biotechnology, genetics, microbiology and molecular biology) then this book will be an indispensable companion throughout the whole of your degree programme. It provides effective support for the development of the laboratory and data analysis skills that you will draw on time and again for the practical aspects of your studies, and also gives you a solid grounding in the broader transferable skills which are increasingly necessary to achieve a high level of academic success. Now in its fourth edition, *Practical Skills in Biomolecular Sciences* has been enhanced and updated throughout to provide a complete and easy-to-read guide to developing all of the skills you need from your first day through to graduation, establishing its reputation as the practical resource for students of the biomolecular sciences.

## The Magic of Reality

Examines the field of complexity science, with sections focusing on how the discipline works within computer simulations, natural ecosystems, and various social systems.

## The Book of Life

The Complete World of Human Evolution By Chris Stringer

## The Cambridge Encyclopedia to Human Evolution

The renowned biologist and thinker Richard Dawkins presents his most expansive work yet: a comprehensive look at evolution, ranging from the latest developments in the field to his own provocative views. Loosely based on the form of Chaucer's *Canterbury Tales*, Dawkins's *Tale* takes us modern humans back through four billion years of life on our planet. As the pilgrimage progresses, we join with other organisms at the forty "rendezvous points" where we find a common ancestor. The band of pilgrims swells into a vast crowd as we join first with other primates, then with other mammals, and so on back to the first primordial organism. Dawkins's brilliant, inventive approach allows us to view the connections between ourselves and all other life in a bracingly novel way. It also lets him shed bright new light on the most compelling aspects of evolutionary history and theory: sexual selection, speciation, convergent evolution, extinction, genetics, plate tectonics, geographical dispersal, and more. *The Ancestor's Tale* is at once a far-reaching survey of the latest, best thinking on biology and a fascinating history of life on Earth. Here Dawkins shows us how remarkable we are, how astonishing our history, and how intimate our relationship with the rest of the living world.

## Lucy

Bioenergetics is the study of the way biological systems, usually at the molecular level, utilize and convert energy in order to drive the biochemical reactions that constitute life. However, because of its often quantitative basis and the amount of technical jargon, the subject tends to alienate and intimidate students. This beautifully illustrated text has a lucid and logical approach to the subject. The text uses the modern perspective throughout so that the student is given an easily assimilable, logical introduction to the important concepts of the subject, particularly the core concept, the 'chemiosmotic theory'. It has been specifically designed to make information easily accessible by devoting each double-page spread to one topic. Within the spread, a variety of carefully constructed diagrams present information in a concise and innovative manner. The text is further enhanced by a comprehensive guide to additional reading. Original, easily understood combination of visual and written information. 43 double-page spreads give a

clear and concise introduction to this traditionally difficult subject. The most up to date text available, covering all modern molecular genetic techniques. Competitively priced.

### Bats

This concise, charmingly illustrated book offers an introduction to the evolution and early development of the brain and personality that form the crucial foundation for lifelong learning and growth. Designed for psychologists, psychotherapists, coaches, and child care professionals--as well as social workers and anyone else who wants to know more about the biological roots of emotion and relationship--this book is the most accessible primer on developmental neuropsychology available, combining easy-to-understand text with light-hearted illustrations. Covering topics such as the autonomic nervous system, neuroaffective development, the role of the prefrontal cortex, and the zone of proximal development, *The Neuroaffective Picture Book* is a unique and useful tool for learning about emotions, social skills, and self-regulation.

### The Evolution of Our Tribe

The brief length and focused coverage of *Human Evolution: An Illustrated Introduction* have made this best-selling textbook the ideal complement to any biology or anthropology course in which human evolution is taught. The text places human evolution in the context of humans as animals, while also showing the physical context of human evolution, including climate change and the impact of extinctions. Chapter introductions, numerous drawings and photographs, and an essential glossary all add to the accessibility of this text. The fifth edition has been thoroughly updated to include coverage of the latest discoveries and perspectives, including:

- New early hominid fossils from Africa and Georgia, and their implications
- New archaeological evidence from Africa on the origin of modern humans
- Updated coverage of prehistoric art, including new sites
- New perspectives on molecular evidence and their implications for human population history.

An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at [HigherEducation@wiley.com](mailto:HigherEducation@wiley.com) for more information.

### Bones of Contention

### Science in Medieval Islam

This new textbook provides a comprehensive introduction to every aspect of the technology of low-rise construction. It includes sub-structure (site work, setting out and foundations) and superstructure (flooring, roofs, finishes, fittings and fixtures). The material here covers the first year course requirement of all courses on which construction technology is taught - no matter what the ultimate qualification. It offers tried and tested solutions to a range of construction problems and is organised following the sequence of construction. It will show what has been done in the past, demonstrating good practice - what works and what doesn't - and common faults. There are summaries of the more important BSI documents and reference to the latest building regulations. Lengthy explanations are avoided by relying heavily on hundreds of illustrations, pairing detail drawings with clear photographs to show real life construction situations. The supporting spreadsheet referred to in the book can be found at this link: [http://www.blackwellpublishing.com/pdf/fleming/Fleming\\_spreadsheet.xls](http://www.blackwellpublishing.com/pdf/fleming/Fleming_spreadsheet.xls)

### How the Internet Really Works

Cognitive Archaeology and Human Evolution presented new directions in the study of cognitive archaeology. Seeking to understand the conditions that led to the development of a variety of cognitive processes during evolution, it uses evidence from empirical studies and offers theoretical speculations about the evolution of modern thinking as well. The twelve essays, written by an international team of scholars, represent an eclectic array of interests, methods, and theories about evolutionary cognitive archaeology. Collectively, they consider whether the processes in the development of human cognition simply made a better use of anatomical and cerebral structures already in place at the beginning of hominization. They also consider the possibility of an active role of hominoids in their own development and query the impact of hominoid activity in the emergence of new cognitive abilities.

### Were the First People Swimmers?

In 1859, Charles Darwin shocked the world by proposing his radical theory of evolution by natural selection. A hundred and fifty years later, Darwin's theory still challenges our most precious beliefs. *Introducing Evolution* explains 'Darwin's dangerous idea' and shows how it has been developed and confirmed in recent years. Drawing on genetics, ecology and animal behaviour, this book brings Darwin up to date, exploring the profound consequences of the latest scientific discoveries. *Introducing Evolution* is the ideal modern guide to the most important idea ever to appear in the history of science.

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