

The University Press Group

The Natural World

University of California Press

Columbia University Press

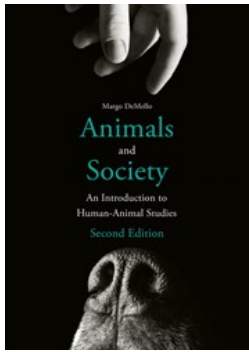
Princeton University Press

New and Best of Backlist

Spring 2023



CALIFORNIA
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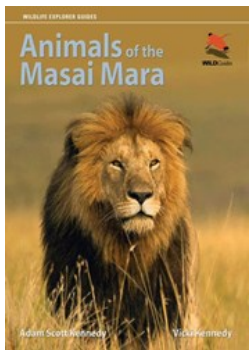
Animals and Society

Margo DeMello
9780231194853
£30.00
Trade Paperback
Nature / Animal Rights
April 2021
Columbia University Press

Human-animal studies is an interdisciplinary field that explores the spaces that animals occupy in human social and cultural worlds. It examines the interactions humans and animals have with each other and the ways animal lives intersect with human societies. Since existing social orders rely on the exploitation of animals to serve human needs, the questions posed by human-animal studies touch upon a wide range of fundamental issues.

Animals and Society provides a broad overview of this rapidly growing field. Margo DeMello offers students and scholars a holistic and comprehensive picture of the state of inquiry into the relationships that exist between humans and other animals. She considers interactions between animals and humans in social organizations, such as the family, the legal system, and political and religious institutions. A major focus is the social construction of animals in world cultures and the way in which these social meanings are used to reinforce and perpetuate hierarchical human relationships such as racism, sexism, and class privilege. The book also examines how different human groups construct a range of identities for themselves and for others through animals.

This second edition of *Animals and Society* is fully updated and expanded throughout, enhancing the book's relevance for student and activist readers alike. It includes many new international examples, all-new case studies, and updated supplementary readings.



Animals of the Masai Mara

Adam Scott Kennedy
9780691156019
£22.00
Trade Paperback
Nature / Animals
November 2012
Princeton University Press

One of the greatest attractions of a trip to Kenya is the chance to see animals such as lions, cheetah, leopards, zebra, and giraffe up close and in their natural habitats. *Animals of the Masai Mara* is a lavish photographic guide that explores the charismatic wildlife most likely to be encountered by a safari visitor to the Masai Mara National Reserve in southwest Kenya. More than 140 stunning photographs showcase 65 mammals and 17 reptile species, including 6 snakes. Designed to be informative and locally accurate, rather than purely identification-based, this easy-to-use book pays particular attention to wildlife behavior and is written from the firsthand experiences of the authors and the knowledge of local safari guides. Numerous "Top Tips" throughout show readers how and where to locate specific species. The only field guide to focus solely on the wildlife of the Masai Mara National Reserve, *Animals of the Masai Mara* will be indispensable to visitors to this famous park and all nature enthusiasts with an interest in this area of the world.

- The only photographic guide specific to the animals of the Masai Mara National Reserve
- More than 140 remarkable photographs covering 65 mammals and 17 reptile species, including 6 snakes
- Accessible text explores animal behavior and other interesting facts
- A brief and informative introduction to the habitats of the Masai Mara



Animals of Kruger National Park

Keith Barnes
9780691161785
£22.00
Trade Paperback
Nature / Animals / Wildlife
October 2016
Princeton University Press

South Africa's Kruger National Park is one of the largest and most diverse conservation areas in Africa, and a hugely popular visitor attraction. *Animals of Kruger National Park* is a compact and beautifully illustrated guide, and the essential companion for any safari to the region. With an eye-catching design, authoritative and accessible text and easy-to-use format, this detailed photographic guide provides information on identification, habitat, behaviour, biology and conservation for all the mammals, reptiles and frogs likely to be seen. Introductory sections provide background information on the park and its habitats, when to visit and where to go, and other practical considerations that will help to enhance your understanding, appreciation and enjoyment of the animals of this incredible region.

- The essential all-in-one Kruger safari companion, ideal for all visitors
- Unique and attractive layout, featuring 216 stunning colour photographs, 116 track (spoor) illustrations and two maps
- Covers 57 mammals, 17 reptiles and eight frogs
- Features the 'Big 5'—elephants, leopards, lions, rhinoceroses and buffalos—as well as other iconic and charismatic animals
- Provides key information on identification, behaviour, biology and conservation



Animals of the Serengeti

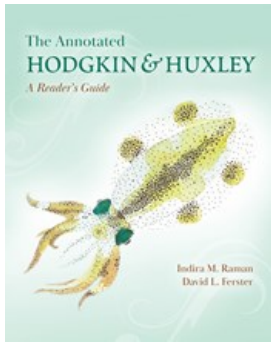
Adam Scott Kennedy
9780691159089
£22.00
Trade Paperback
Nature / Animals
March 2014
Princeton University Press

Containing 146 stunning color photos, *Animals of the Serengeti* is a remarkable look at the mammals and reptiles most likely to be encountered in the world-famous Serengeti National Park and Ngorongoro Crater. With an eye-catching layout, accessible text, and easy-to-use format, this detailed photographic guide includes 89 species of mammal and reptile. Useful "Top Tips"—shared by local Tanzanian guides that work in the region—provide visitors with insights into behavioral habits and how to locate specific animals. Filled with vivid anecdotes, *Animals of the Serengeti* will enable any safari traveler to identify the area's wildlife with ease.

- Covers the 89 species likely to be encountered in Tanzania's Serengeti National Park and Ngorongoro Conservation Area
- Features male and female variations
- Accessible text aimed at safari visitors of all levels



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The Annotated Hodgkin and Huxley

Indira M. Raman

9780691220635

£35.00

Trade Paperback

Science / Life Sciences / Neuroscience

January 2022

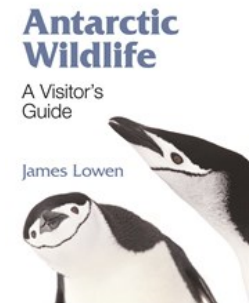
Princeton University Press

The first annotated edition of the scientific papers that created the foundation of modern neuroscience and physiology

The origin of everything known about how neurons and muscles generate electrical signals can be traced back to five revolutionary papers, published in the *Journal of Physiology* in 1952 by Alan Hodgkin and Andrew Huxley. The principles they revealed remain cornerstones of the discipline, summarized in every introductory neuroscience and physiology course. Since that era, however, scientific practice, technology, and presentation have changed extensively. It is difficult for the modern reader to appreciate Hodgkin and Huxley's rigorous scientific thought, elegant experimental design, ingenious analysis, and beautiful writing.

This book provides the first annotated edition of these papers, offering essential background on everything, from terminology, equations, and electronics, to the greater historical and scientific context surrounding the work. The original journal pages are displayed opposite detailed notes explaining content, process, and background, with copies of the figures replotted according to modern conventions. Indispensable for scientists, teachers, and trainees alike, *The Annotated Hodgkin and Huxley* makes an essential body of knowledge—and an unparalleled approach to research—accessible to a new generation of readers.

- Reproduces the original articles paired with extensive annotations on facing pages
- Replots figures with modern conventions of data display
- Explains the development of the voltage clamp and the discovery of ionic currents and action potential generation, foundational to the study of neuroscience and physiology
- Summarizes the history of electrophysiology leading to Hodgkin and Huxley's work
- Includes appendices on relevant concepts from mathematics, physics, electronics, chemical kinetics, and numerical methods



Antarctic Wildlife

James Lowen

9781903657324

£17.99

Trade Paperback

Nature

May 2011

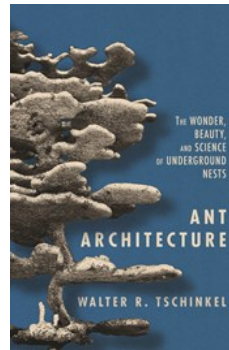
Princeton University Press

An essential photographic guide to antarctic wildlife

Antarctic Wildlife is the definitive identification guide to the birds and marine mammals of the Antarctic Peninsula, Drake Passage, and Beagle Channel. This easy-to-use photographic field guide enables visitors to this unique region of the world—newcomer and seasoned traveler alike—to identify with confidence the penguins, whales, seals, seabirds, and other stunning wildlife they encounter on their journey. Full-color photographs show typical views of each species of bird or marine mammal, together with the terrestrial plants likely to be seen. Detailed species accounts describe key identification features, give tips on where to look, and highlight interesting facts. This one-of-a-kind guide also includes introductory chapters that cover the wildlife of each Antarctic environment by season, as well as information on tourism and Antarctic cruising that will help visitors get the most from their trip.

Antarctic Wildlife is a must-have photographic guide for travelers taking the standard cruise from Ushuaia, Argentina, to the great white continent, and for anyone interested in the diverse wildlife found in this remote part of the world.

- Covers the wildlife of the Antarctic Peninsula, Drake Passage, and Beagle Channel
- Features full-color photographs throughout
- Describes key identification features and gives tips on where to look
- Includes an introduction to Antarctic environments and information on Antarctic cruising



Ant Architecture

Walter R. Tschinkel

9780691179315

£25.00

Hardcover

Nature / Animals / Insects & Spiders

June 2021

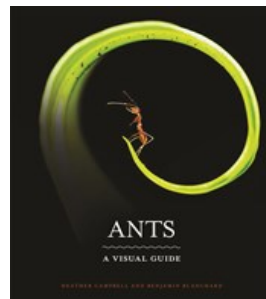
Princeton University Press

An unprecedented look at the complex and beautiful world of underground ant architecture

Walter Tschinkel has spent much of his career investigating the hidden subterranean realm of ant nests. This wonderfully illustrated book takes you inside an unseen world where thousands of ants build intricate homes in the soil beneath our feet.

Tschinkel describes the ingenious methods he has devised to study ant nests, showing how he fills a nest with plaster, molten metal, or wax and painstakingly excavates the cast. He guides you through living ant nests chamber by chamber, revealing how nests are created and how colonies function. How does nest architecture vary across species? Do ants have "architectural plans"? How do nests affect our environment? As he delves into these and other questions, Tschinkel provides a one-of-a-kind natural history of the planet's most successful creatures and a compelling firsthand account of a life of scientific discovery.

Offering a unique look at how simple methods can lead to pioneering science, *Ant Architecture* addresses the unsolved mysteries of underground ant nests while charting new directions for tomorrow's research, and reflects on the role of beauty in nature and the joys of shoestring science.



Ants

Heather Campbell

9780691228525

£28.00

Hardcover

Nature / Animals / Insects & Spiders

February 2023

Princeton University Press

A richly illustrated natural history of ants, covering their diversity, ecology, anatomy, behavior, and more

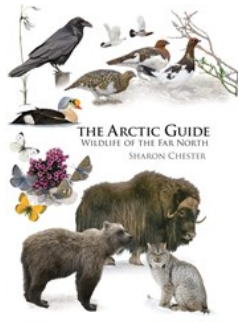
Plentiful and familiar, ants make up an estimated one-third of the world's insect biomass and can be found in virtually every part of the globe, from rain forest canopies to city sidewalks. But their importance is about more than numbers: ants are fundamental species in a range of habitats and their interactions with plants, fungi, and other animals ensure the survival of many fragile and complex ecosystems. This beautifully illustrated book explores the extraordinary diversity of ants and offers insights into their elaborate social systems, investigating the key collective and competitive behaviors that operate within their varied colony structures.

Featuring exceptional close-up photographs and clearly organized thematic chapters, the book covers anatomy, evolution, life cycle, ecology, and other important topics. Each chapter also features profiles of standout genera, chosen for their fascinating characteristics, including Leafcutter Ants, who build nests containing up to 7,000 chambers; Pugnacious Ants whose colonies can destroy populations of crabs within hours; and Honeypot Ants whose worker caste store food in their stomachs for other colony members to consume. Drawing on current research, *Ants* offers an inviting and accessible introduction to these remarkable insects.

- Includes more than 200 stunning color photographs, plus infographics and diagrams
- Presents full profiles of 42 iconic genera from across the world
- Features clearly structured thematic chapters



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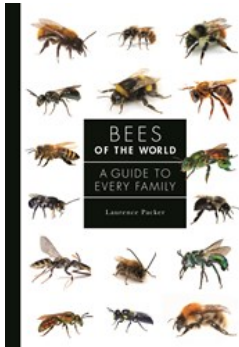
The Arctic Guide

Sharon Chester
9780691139753
£22.00
Flexibound
Nature / Animals / Wildlife
October 2016
Princeton University Press

The definitive full-color field guide to Arctic wildlife

The Arctic Guide presents the traveler and naturalist with a portable, authoritative guide to the flora and fauna of earth's northernmost region. Featuring superb color illustrations, this one-of-a-kind book covers the complete spectrum of wildlife—more than 800 species of plants, fishes, butterflies, birds, and mammals—that inhabit the Arctic's polar deserts, tundra, taiga, sea ice, and oceans. It can be used anywhere in the entire Holarctic region, including Norway's Svalbard archipelago, Siberia, the Russian Far East, islands of the Bering Sea, Alaska, the Canadian Arctic, and Greenland. Detailed species accounts describe key identification features, size, habitat, range, scientific name, and the unique characteristics that enable these organisms to survive in the extreme conditions of the Far North. A color distribution map accompanies each species account, and alternative names in German, French, Norwegian, Russian, Inuit, and Inupiaq are also provided.

- Features superb color plates that allow for quick identification of more than 800 species of plants, fishes, butterflies, birds, and mammals
- Includes detailed species accounts and color distribution maps
- Covers the flora and fauna of the entire Arctic region



Bees of the World

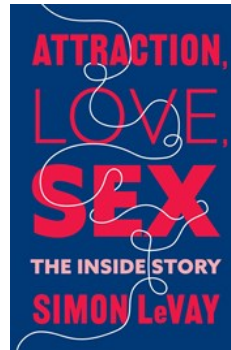
Laurence Packer
9780691226620
£25.00
Hardcover
Nature / Animals / Insects & Spiders
February 2023
Princeton University Press

A beautifully illustrated introduction to the incredible variety of bees from around the world

When many people think of bees, they are likely to picture the western domesticated honey bee, insects that live in large, socially complex societies inside a hive with a single queen and thousands of workers. But this familiar bee is just one of more than 20,000 species of bees—and almost none of the others is anything like it. In *Bees of the World*, Laurence Packer, one of the world's foremost experts on wild bees, celebrates the amazing diversity of bees—from size and appearance to nests and social organization.

Providing clear, accurate accounts of the seven bee families, *Bees of the World* presents all the key information on generic characteristics, habits, and habitat, illustrated with incredible and often rare photographs that show bees in their natural habitats—foraging, nesting, raising their young, and more. The book reveals the secrets of these extraordinary insects as well as their importance in the global ecosystem and the ways humans can help protect them.

- Provides a richly illustrated exploration of bees from around the world
- Examines more than 100 genera of bees, giving a taste of the remarkable breadth of bee appearance and biology
- Explores bee anatomy, behavior, classification, evolution, life cycle, and habitats



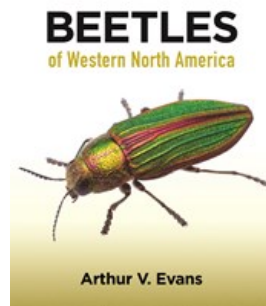
Attraction, Love, Sex

Simon LeVay
9780231204507
£25.00
Hardcover
Science / Life Sciences / Evolution
May 2023
Columbia University Press

Sex, after hunger, may be the most powerful motivating force in our lives. It drives us to seek intimate contact with others and to form relationships that may be fleeting or lifelong, blissful or troubled. Yet many mysteries surround sex and sexuality: Why don't we reproduce by virgin birth? Why does so much of our sexual behavior have nothing to do with reproduction? Why isn't everyone heterosexual? How does the brain create sexual arousal? How do sexual kinks develop? Is porn harmful? What is the relationship between sex and love?

In *Attraction, Love, Sex*, the renowned scholar Simon LeVay introduces readers to a memorable cast of researchers trying to answer these questions and many more. A biologist dredges a New Zealand lake for asexual mud snails. Psychologists measure whether eating a good meal changes a man's idea of female beauty. Physiologists probe orifices with miniature toilet plungers and place lovers in brain scanners. Geneticists reconstruct the sex crimes of Genghis Khan. Neuroscientists create mice whose sexual behavior can be switched on and off. A zoologist traps and releases 260,000 voles and launches a new science of love.

LeVay distills vast expertise on the biology and psychology of sex into an engaging and easy-to-understand survey with scientific acumen, a critical eye, and a sense of humor. This book reveals how scientists are unraveling the secrets of sex and, in the process, shattering many traditional ideas and prejudices.



Beetles of Western North America

Arthur V. Evans
9780691164281
£38.00
Trade Paperback
Nature / Animals / Insects & Spiders
September 2021
Princeton University Press

From the author of the acclaimed *Beetles of Eastern North America*, a triumphant follow-up guide to western beetles, lavishly illustrated with more than 1,500 stunning color photographs

Beetles of Western North America is a landmark book—the only comprehensive color photographic guide to the remarkably diverse and beautiful beetles of the United States and Canada west of the Continental Divide. A triumphant follow-up to Arthur Evans's highly regarded *Beetles of Eastern North America*, this engaging and accessible book covers 1,428 species from all 131 families that occur in the West. The book is lavishly illustrated with more than 1,500 stunning images by some of the best insect photographers in North America.

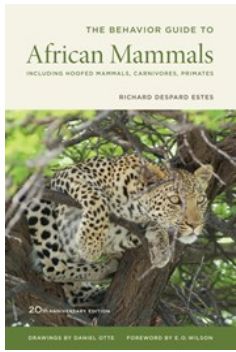
An extensive introduction provides essential information on beetle anatomy, natural history, behavior, and conservation, as well as tips on where and when to find beetles; how to photograph, collect, and rear them; and how to contribute to research. *Beetles of Western North America* is organized by family, and each family and species account presents concise and easy-to-understand information on identification, natural history, collecting, and geographic range. The book includes current information on distribution, biology, and taxonomy not found in other guides, and features an illustrated identification key to the most common beetle families.

An unmatched guide to the rich variety of western North American beetle fauna, this is a must-have book for amateur naturalists, nature photographers, insect enthusiasts, students, professional entomologists, and other biologists.

- The only comprehensive color photographic guide to the region's beetles
- Covers 1,428 species from all 131 families west of the Continental Divide, and offers tips for identifying more than 450 additional species
- Features more than 1,500 stunning color photographs



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The Behavior Guide to African Mammals

Richard Despard Estes

9780520272972

£38.00

Trade Paperback

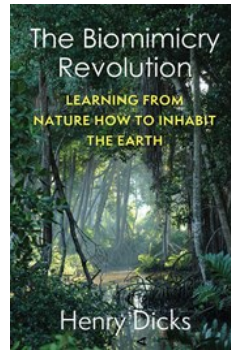
Science / Life Sciences / Zoology

March 2012

University of California Press

The Behavior Guide to African Mammals is as different from a conventional field guide as motion pictures are from a snapshot. Whether we are able to look at them face to face, on television, or in the hundreds of illustrations provided here by Daniel Otte, this guide allows us to understand what animals do and what their behavior means.

Drawing on his own extensive fieldwork and on the research of many other scientists, Richard Despard Estes describes and explains the behavior of four major groups of mammals. Estes's remarkably informative guide is as up-to-date for the zoologist as it is accessible for the interested onlooker.



The Biomimicry Revolution

Henry Dicks

9780231208819

£28.00

Trade Paperback

Nature / Environmental Conservation & Protection

March 2023

Columbia University Press

Modernity is founded on the belief that the world we build is a human invention, not a part of nature. The ecological consequences of this idea have been catastrophic. We have laid waste to natural ecosystems, replacing them with fundamentally unsustainable human designs. With time running out to address the environmental crises we have caused, our best path forward is to turn to nature for guidance.

In this book, Henry Dicks explores the philosophical significance of a revolutionary approach to sustainable innovation: biomimicry. The term describes the application and adaptation of strategies found in nature to the development of artificial products and systems, such as passive cooling techniques modeled on termite mounds or solar cells modeled on leaves. Dicks argues that biomimicry, typically seen as just a design strategy, can also serve as the basis for a new environmental philosophy that radically alters how we understand and relate to the natural world. By showing how we can imitate, emulate, and learn from nature, biomimicry points us toward a genuinely sustainable way of inhabiting the earth.

Rooted in philosophy, *The Biomimicry Revolution* has profound implications spanning the natural sciences, design, architecture, sustainability studies, science and technology studies, and the environmental humanities. It presents a sweeping reconception of what philosophy can be and offers a powerful new vision of terrestrial existence.



The Bird Name Book

Susan Myers

9780691235691

£35.00

Hardcover

Nature / Animals / Birds

October 2022

Princeton University Press

A marvelously illustrated A-to-Z compendium of bird names from around the globe

The Bird Name Book is an alphabetical reference book on the origins and meanings of common group bird names, from "accentor" to "zeledonia." A cornucopia of engaging facts and anecdotes, this superbly researched compendium presents a wealth of incisive entries alongside stunning photos by the author and beautiful historic prints and watercolors. Myers provides brief biographies of prominent figures in ornithology—such as John Gould, John Latham, Alfred Newton, and Robert Ridgway—and goes on to describe the etymological history of every common group bird name found in standardized English. She interweaves the stories behind the names with quotes from publications dating back to the 1400s, illuminating the shared evolution of language and our relationships with birds, and rooting the names in the history of ornithological discovery.

Whether you are a well-traveled birder or have ever wondered how the birds in your backyard got their names, *The Bird Name Book* is an ideal companion.



Birdpedia

Christopher W. Leahy

9780691209661

£9.99

Hardcover

Nature / Animals / Birds

July 2021

Princeton University Press

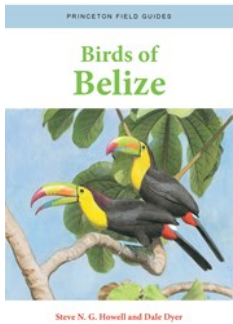
A captivating A–Z treasury about birds and birding

Birdpedia is an engaging illustrated compendium of bird facts and birding lore. Featuring nearly 200 entries—on topics ranging from plumage and migration to birds in art, literature, and folklore—this enticing collection is brimming with wisdom and wit about all things avian.

Christopher Leahy sheds light on "hawk-watching," "twitching," and other rituals from the sometimes mystifying world of birding that entail a good deal more than their names imply. He explains what kind of bird's nests you can eat, why mocking birds mock, and many other curiosities that have induced otherwise sane people to peer into treetops using outrageously expensive optical equipment. Leahy shares illuminating insights about pioneering ornithologists such as John James Audubon and Florence Bailey, and describes unique bird behaviors such as anting, caching, duetting, and mobbing. He discusses avian fossils, the colloquial naming of birds, the science and history of ornithology, and more. The book's convenient size makes it the perfect traveling companion to take along on your own avian adventures.

With charming illustrations by Abby McBride, *Birdpedia* is a marvelous mix of fact and fancy that is certain to delight seasoned birders and armchair naturalists alike.

- Features a real cloth cover with an elaborate foil-stamped design



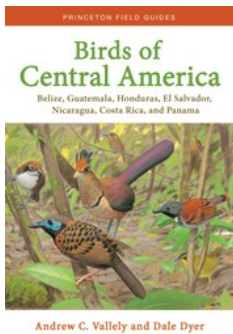
Birds of Belize

Steve N. G. Howell
9780691220727
£30.00
Flexibound
Nature / Animals / Birds
April 2023
[Princeton University Press](#)

A state-of-the-art illustrated field guide to the birds of Belize

Belize is one of the world's premier birding destinations, home to a marvelous array of tropical birds and beautiful habitats ranging from verdant rain forests and extensive wetlands to rolling pine savannas and the country's famed barrier reef. *Birds of Belize* is the essential illustrated pocket guide to this birder's paradise. It covers all regularly occurring bird species found in the region and features facing-page plates and text that make field identification easy. Concise species accounts describe everything from size and distribution to voice, habitat, and status. This compact guide also features progressive taxonomy and a wealth of color range maps.

- Covers more than 500 species of birds found in Belize
- Includes 116 superb color plates
- Features concise species accounts, facing-page plates and text, and up-to-date range maps
- Its compact size and field-friendly layout make it the ideal travel companion for any birder



Birds of Central America

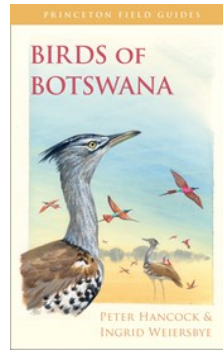
Andrew Vallely
9780691138022
£42.00
Trade Paperback
Nature / Animals / Birds
October 2018
[Princeton University Press](#)

The first comprehensive field guide to the birds of Central America

Birds of Central America is the first comprehensive field guide to the avifauna of the entire region, including Belize, Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, and Panama. Handy and compact, the book presents text and illustrations for nearly 1,200 resident and migrant species, and information on all rare vagrants. Two hundred sixty detailed plates on convenient facing-page spreads depict differing ages and sexes for each species, with a special focus on geographic variation. The guide also contains up-to-date range maps and concise notes on distribution, habitat, behavior, and voice. An introduction provides a brief overview of the region's landscape, climate, and biogeography.

The culmination of more than a decade of research and field experience, *Birds of Central America* is an indispensable resource for all those interested in the bird life of this part of the world.

- Detailed information on the entire avifauna of Central America
- 260 beautiful color plates
- Range maps, text, and illustrations presented on convenient facing-page spreads
- Up-to-date notes on distribution supported by an extensive bibliography
- Special focus on geographic variation of bird species



Birds of Botswana

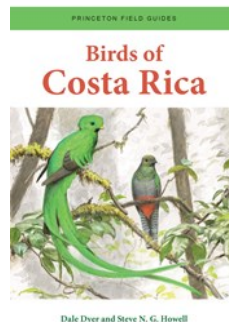
Peter Hancock
9780691157177
£25.00
Trade Paperback
Nature / Birdwatching Guides
November 2015
[Princeton University Press](#)

The definitive field guide to the birds of Botswana

Here is the ultimate field guide to Botswana's stunningly diverse birdlife. Covering all 597 species recorded to date, *Birds of Botswana* features more than 1,200 superb color illustrations, detailed species accounts, seasonality and breeding bars, and a color distribution map for each species. Drawing on the latest regional and national data, the book highlights the best birding areas in Botswana, provides helpful tips on where and when to see key species, and depicts special races and morphs specific to Botswana. This is the first birding guide written by a Botswana-based ornithologist and the only one dedicated specifically to Botswana.

Portable and easy to use, *Birds of Botswana* is the essential travel companion for anyone visiting this remarkable country.

- Covers all 597 species of birds found in Botswana, including subspecies and color variants specific to Botswana
- Features more than 1,200 color illustrations—with more than one illustration for species where the sexes and ages differ
- Includes detailed species accounts, seasonality and breeding bars, and color distribution maps
- Draws on the latest bird data and the expertise of leading birders in Botswana



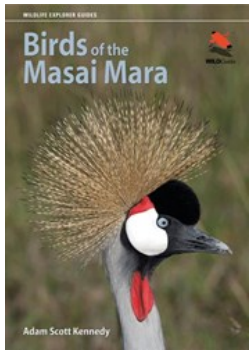
Birds of Costa Rica

Dale Dyer
9780691203355
£25.00
Flexibound
Nature / Birdwatching Guides
May 2023
[Princeton University Press](#)

A state-of-the-art illustrated field guide to the birds of Costa Rica

Costa Rica is among the most popular birding destinations in the world, with a breathtaking diversity of neotropical birdlife and stunningly beautiful habitats ranging from shady mangrove swamps to mist-enveloped mountaintops and verdant rainforest. *Birds of Costa Rica* is the essential illustrated pocket guide to this biologically rich country. It covers all regularly occurring bird species found in the region and features facing-page plates and text that make field identification easy. Concise species accounts describe everything from size and distribution to voice, habitat, and status. This compact guide also features progressive taxonomy and a wealth of color range maps.

- Covers more than 800 species of birds found in Costa Rica
- Includes more than 200 superb color plates
- Features concise species accounts, facing-page plates and text, and up-to-date range maps
- Its compact size and field-friendly layout make it the ideal travel companion for any birder

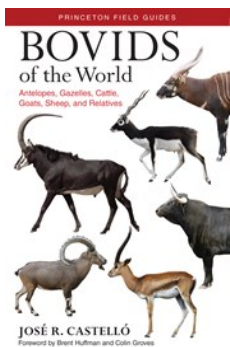


Birds of the Masai Mara

Adam Scott Kennedy
9780691155944
£22.00
Trade Paperback
Nature / Animals / Birds
November 2012
Princeton University Press

Birds of the Masai Mara is a remarkably beautiful photographic guide featuring the bird species likely to be encountered by visitors to the popular Masai Mara National Reserve in Kenya. With an eye-catching layout, easy-to-use format, and no-jargon approach, the book contains more than 300 stunning photographs covering over 200 species of birds and is accessible and informative, rather than purely identification-based. A handy, brief introduction provides visitors with background on the habitats of the national park, and the guide's habitat-based approach makes it simple to identify any bird species according to where it is found. Based on the firsthand experiences of the author, *Birds of the Masai Mara* is an ideal companion to all those visiting the national reserve and to bird aficionados interested in learning more about the region.

- The only photographic guide to focus solely on the bird species of the Masai Mara National Reserve
- More than 300 remarkable photographs covering over 200 species
- Accessible text explores bird species behavior and species etymology
- A brief and handy introduction examines the habitats of the Masai Mara
- Easy-to-use habitat-based layout makes exciting birdwatching easy



Bovids of the World

José R. Castelló
9780691167176
£30.00
Trade Paperback
Nature / Animals / Mammals
April 2016
Princeton University Press

The most comprehensive guide to the bovids of the world

Bovids are a diverse group of ruminant mammals that have hooves and unbranched hollow horns. *Bovids of the World* is the first comprehensive field guide to cover all 279 bovid species, including antelopes, gazelles, cattle, buffaloes, sheep, and goats. From the hartebeest of Africa and the takin of Asia to the muskox of North America, bovids are among the world's most spectacular animals and this stunningly illustrated and easy-to-use field guide is an ideal way to learn more about them.

The guide covers all species and subspecies of bovids described to date. It features more than 300 superb full-color plates depicting every kind of bovid, as well as detailed facing-page species accounts that describe key identification features, horn morphology, distribution, subspeciation, habitat, and conservation status in the wild. This book also shows where to observe each species and includes helpful distribution maps.

Suitable for anyone with an interest in natural history, *Bovids of the World* is a remarkable and attractive reference, showcasing the range and beauty of these important mammals.

- The first comprehensive field guide to all 279 bovid species
- 337 full-color plates, with more than 1,500 photographs
- Detailed species accounts describe key identification features, distribution, subspeciation, habitat, behavior, reproduction, and conservation status
- Fully updated and revised taxonomy, with common and scientific names
- Easy-to-read distribution maps



Birds of the Serengeti

Adam Scott Kennedy
9780691159102
£22.00
Trade Paperback
Nature / Animals / Birds
March 2014
Princeton University Press

Located in northern Tanzania, the Serengeti is one of the world's most famous wildlife regions. *Birds of the Serengeti* is a groundbreaking and essential photographic guide, featuring more than 270 bird species most likely to be encountered in the Serengeti National Park and Ngorongoro Conservation Area. This easy-to-use guide includes 480 dazzling color photos, an attractive and handy layout, and informative and accessible text that discusses interesting behaviors and provides insights into species background. Rich in detail, this indispensable volume uses a habitat-based approach, making it simple for everyone—from the novice to the experienced birdwatcher—to locate diverse birds in this fascinating area of the world.

- Looks at more than 270 bird species most likely to be encountered in Tanzania's Serengeti National Park, Ngorongoro Conservation Area, and Speke Gulf
- Features major plumage variations
- Habitat-based approach
- Informative and accessible text



Britain's Birds

Rob Hume
9780691199795
£20.00
Trade Paperback
Nature / Animals / Birds
July 2020
Princeton University Press

A new, improved and thoroughly updated edition of the bestselling photographic guide—the only one to cover every bird, in every plumage, ever recorded in Britain and Ireland

A bestselling guide since it was first published, *Britain's Birds* has quickly established itself as the go-to photographic identification guide to the birds of Great Britain and Ireland—the most comprehensive, up-to-date, practical and user-friendly book of its kind. Acclaimed by birdwatchers of all kinds, from the beginner to the most experienced, the guide has now been thoroughly revised and updated to make it even better than before. Combining the finest of identification guide content and presentation, this eagerly awaited second edition preserves the best of the first edition while covering twelve newly recorded species and offering a host of improvements that make identification easier.

- Provides comprehensive coverage of all the birds ever recorded in Britain and Ireland
- Describes and illustrates all plumages likely to be encountered
- Features more than 3,200 stunning photographs carefully selected to show the birds as you really see them
- Outlines simple steps to help you identify any bird you see
- Presents simple and accurate comparisons of similar and difficult species

New features include:

- Coverage of 12 new species recorded since the first edition plus revisions to reflect the latest taxonomy
- Coverage of all subspecies
- Improved identification aids, including more than 400 new photos, enhanced photo annotations and many redesigned plates



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Britain's Butterflies

David Newland

9780691205441

£17.99

Flexibound

Nature / Animals / Butterflies & Moths

November 2020

Princeton University Press



Britain's Day-flying Moths

David Newland

9780691197289

£17.99

Trade Paperback

Nature / Animals / Butterflies & Moths

August 2019

Princeton University Press

A new and improved edition of the popular photographic field guide

Britain's Butterflies is a comprehensive and beautifully designed photographic field guide to the butterflies of Britain and Ireland. Containing hundreds of stunning colour photographs, this extensively revised and updated new edition provides the latest information on every species ever recorded. It covers in detail the identification of all 59 butterfly species that breed regularly, as well as four former breeders, 10 rare migrants and one species of unknown status. The easy-to-use format will enable butterfly watchers—beginners or experts—to identify any species they encounter. Produced in association with Butterfly Conservation, this edition features new introductory sections to the main "types" of butterflies; updated distribution maps; a revised species order reflecting the latest taxonomy; revised sections on recording and monitoring, and conservation and legislation; and a new section on climate change.

- Stunning colour plates show typical views of each butterfly species, including the various forms and common aberrations
- Detailed species profiles provide information on status and distribution, including up-to-date maps, and cover adult identification; behaviour; breeding habitat requirements; population and conservation; egg, caterpillar and chrysalis; and caterpillar foodplants
- Photographs of the egg, caterpillar and chrysalis for every breeding species
- Sections on biology, where to look for and how to identify butterflies, and other essential information

A carefully designed and beautifully illustrated photographic guide to the moths you are most likely to see during the day

This concise photographic field guide helps you to identify the day-flying moths most likely to be seen in Great Britain and Ireland. It combines stunning photographs, clear and authoritative text and an easy-to-use design to increase your knowledge and enjoyment of these intriguing and often colourful insects. Like butterflies, some moths fly regularly in sunshine, whereas others that usually fly at night are readily disturbed from their resting places during the day. This guide describes all of these species and features at least one photograph of each in its natural, resting pose. A brief description of each moth covers the key identification features and when and where to look for it, and includes information on its status, life history, special features and caterpillar food plants. Other sections explain how to distinguish moths from butterflies, and also provide essential information on biology, classification, habitats, gardening for moths, conservation and legislation and recording and monitoring.

- Individual accounts for 158 species and photos of 28 others
- More than 320 stunning photos, with every moth shown as you see it
- Beautifully designed, easy to use and clearly written



Britain's Dragonflies

Dave Smallshire

9780691181417

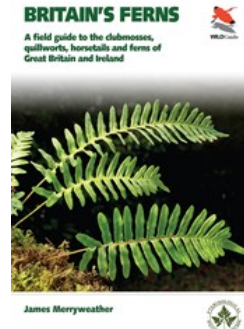
£17.99

Trade Paperback

Nature / Animals / Insects & Spiders

August 2018

Princeton University Press



Britain's Ferns

James Merryweather

9780691180397

£20.00

Trade Paperback

Nature / Plants

July 2020

Princeton University Press

A fully revised, comprehensive photographic field guide to the dragonflies of Britain and Ireland

Britain's Dragonflies is the only comprehensive photographic field guide to the damselflies and dragonflies of Great Britain and Ireland. Written by two of Britain's foremost Dragonfly experts, this fully revised and updated fourth edition features hundreds of stunning images and identification charts covering all 57 resident, migrant and former breeding species, and six potential vagrants. The book focuses on the identification of both adults and larvae, highlighting the key features. Detailed species profiles provide concise information on identification, distribution, flight periods, behaviour, habitat, status and conservation. Other sections cover biology; how to watch, photograph, record and monitor Dragonflies; conservation status and legislation; and introduced exotic species.

This redesigned, updated and expanded edition features:

- Beautiful colour plates showing males, females, immatures and all colour forms for every species
- Over 500 stunning photographs, many of which are new, and more than 550 illustrations
- Up-to-date species profiles and distribution maps
- Detailed, easy-to-use identification charts for adults and larvae

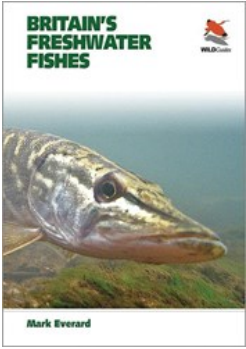
The only comprehensive photographic guide to the ferns, clubmosses, quillworts and horsetails of Britain

This is a comprehensive, lavishly illustrated and user-friendly photographic identification guide to the fifty-seven ferns and seventeen other pteridophytes that occur in Britain. It is the perfect companion for botanists, naturalists, professional ecologists and anyone else with an interest in this fascinating group of non-flowering vascular plants. Designed to appeal to beginners and experts alike, this authoritative book includes novel identification keys and comparison tables that have been carefully devised to present only essential, easily understood technical terms and descriptions, avoiding jargon as much as possible. Cross-referenced throughout to facilitate the comparison of similar species, this definitive field guide is the go-to source for identifying these species with confidence.

- Features hundreds of stunning colour photographs
- Comprehensive coverage of Britain's 57 species of ferns, 6 clubmosses, 3 quillworts and 8 horsetails
- Includes novel, easy-to-use, jargon-free identification keys and comparison tables
- Beautifully designed, user-friendly and accessible



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Britain's Freshwater Fishes

Mark Everard
9780691156781
£17.99
Trade Paperback
Nature / Animals / Fish
July 2013
Princeton University Press

Britain hosts a diversity of freshwater environments, from torrential hill streams and lowland rivers to lakes and reservoirs, ponds and canals, and ditches and estuaries. *Britain's Freshwater Fishes* covers more than 50 species of freshwater and brackish fish found in these waters. This beautifully illustrated guide features in-the-hand and in-the-water photographs throughout, and accessible and informative overviews of topics such as fish biology and life cycles. Detailed species accounts describe key identification features, with information on status, size and weight, habitat, ecology, and conservation. The book also includes a glossary and suggestions for further reading.

This easy-to-use field guide will be invaluable to anyone interested in Britain's freshwater fish life, from naturalists and academics to students and anglers.

- Covers all of Britain's freshwater fishes
- Features beautiful photos throughout
- Includes detailed information on more than 50 species, the places they inhabit, and their roles in Britain's ecosystems
- Attractively designed and easy to use



Britain's Hoverflies

Stuart Ball
9780691246789
£25.00
Trade Paperback
Nature / Animals / Insects & Spiders
August 2023
Princeton University Press

A new, improved and updated edition of the bestselling photographic guide

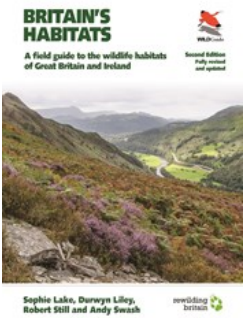
Britain's Hoverflies is a beautifully illustrated photographic field guide to the hoverflies of Great Britain, focusing on the species that can be most readily identified. It is the perfect companion for wildlife enthusiasts, professional ecologists and anyone with an interest in this fascinating group of insects, and is designed to appeal to beginners and experts alike. This improved and updated third edition covers ten additional species and offers a host of improvements to aid reliable identification.

Accessible, authoritative and easy-to-use, this book contains hundreds of remarkable photographs of hoverflies in their various life stages. It features an essential guide to the hoverfly tribes and photographs of at least one representative from each of the British genera. The species included are mainly those that can be identified by eye or using a magnifying glass. Individual species accounts highlight status, key identification features, behaviour and habitat requirements, and include flight-period charts and up-to-date distribution maps. Sections on hoverfly biology, where and when to find them, legislation and conservation, recording hoverflies and gardening for hoverflies are also included.

- Features more than 660 stunning photographs
- Provides detailed information for 176 species, including at least one species from each of the 68 genera recorded in Great Britain
- Includes a complete list of the 285 hoverfly species recorded in Great Britain to date, with an indication of how difficult each is to identify

New features include:

- Updated and expanded introductory text
- Revised species accounts that reflect evolving knowledge and experience, including updated maps and phenology charts



Britain's Habitats

Sophie Lake
9780691203591
£25.00
Flexibound
Nature / Ecosystems & Habitats
November 2020
Princeton University Press

A comprehensive and lavishly illustrated photographic guide—now in a handy field-guide format

This lavishly illustrated photographic guide provides a comprehensive overview of the natural history of wildlife habitats in Britain and Ireland. Now completely redesigned in a handy field-guide format, and featuring revised and updated text throughout, this new edition of *Britain's Habitats* guides readers through all the main habitat types, presenting information on their characteristics, extent, geographical variation, key species, cultural importance, origins and conservation. It aims to help visitors to the countryside recognize the habitats around them, understand how they have evolved and what makes them special, and imagine how they might change in the future. This new edition includes updated maps and additional photographs throughout, and covers a new habitat—gardens. The perfect companion for anyone travelling in Britain and Ireland, the book is essential reading for all wildlife enthusiasts, professional ecologists and landscape architects.

- Individual sections on all the main habitat types found in Britain and Ireland
- More than 680 evocative colour photographs, including images from around Britain and Ireland in all seasons
- Details and photographs of key species and features associated with the different habitats
- Up-to-date information—including maps—on the distribution, extent and importance of all habitat types
- Features new to this edition include a field-guide format, updated maps, more photographs throughout and coverage of an additional habitat—gardens



Britain's Hoverflies

Stuart Ball
9780691164410
£25.00
Trade Paperback
Nature / Animals / Insects & Spiders
April 2015
Princeton University Press

Britain's Hoverflies is a beautifully illustrated photographic field guide to the hoverflies of Britain, focusing on the species that can be most readily identified. It is the perfect companion for wildlife enthusiasts, professional ecologists and anyone else with an interest in this fascinating group of insects, and is designed to appeal to beginners and experts alike.

Accessible, authoritative and easy to use, this book contains hundreds of remarkable photographs of the various life stages of those species that can be identified by eye or with a magnifying glass, with coverage of at least one representative from each of the British genera. It also features an essential guide to the hoverfly tribes. Detailed species accounts summarize the species' status, highlight the key identification features, provide notes on behaviour and habitat requirements and include flight-period charts and up-to-date distribution maps. Sections on hoverfly biology, where and when to look for hoverflies, legislation and conservation, photographing hoverflies, recording hoverflies and gardening for hoverflies are also included.

This fully revised and updated second edition:

- Features more than 650 stunning colour photographs
- Provides detailed information for the 167 species that can be most readily identified, including at least one species from each of the 68 genera recorded in Britain
- Includes a complete list of the 283 hoverfly species recorded in Britain to date, with an indication of how difficult each is to identify



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Britain's Insects

Paul D. Brock

9780691179278

£25.00

Trade Paperback

Nature / Animals / Insects & Spiders

July 2021

Princeton University Press

The go-to photographic guide to Britain and Ireland's insects

Britain's Insects is an innovative, up-to-date, carefully designed and beautifully illustrated field guide to Britain and Ireland's twenty-five insect orders, concentrating on popular groups and species that can be identified in the field. Featuring superb photographs of live insects, the guide covers the key aspects of identification and provides information on status, distribution, seasonality, habitat, food plants and behaviour. It also offers insight into the life history of the various insect groups, many of which are truly amazing. This is the go-to guide for entomologists, naturalists, gardeners, wildlife photographers and anyone else interested in insects, whatever their level of knowledge.

- More than 2,600 stunning photographs, carefully selected to show key identification features
- Photo guides to every insect order, covering 316 families and almost 850 genera
- Covers 1,653 species, of which 1,476 are illustrated
- Designed to allow easy, accurate comparison of similar species
- Up-to-date distribution maps and charts summarizing adult seasonality
- QR codes that link to sound recordings of grasshoppers and crickets
- Information on photographing and recording insects to help conservation



Britain's Orchids

Sean Cole

9780691177618

£20.00

Trade Paperback

Nature / Plants / Flowers

November 2020

Princeton University Press

An accessible, comprehensive and beautifully illustrated guide—the only one to cover all the orchids found in Britain and Ireland

Covering all fifty-one native species and twelve of uncertain origin, as well as hybrids and variants, *Britain's Orchids* is an engaging, intuitive and in-depth identification guide to all the orchids of Britain and Ireland at all stages of development, from first emergence to setting seed. Drawing on the authors' extensive field experience and the latest scientific research, the book uses multiple techniques to help both beginner and more advanced orchid enthusiasts to identify even the most difficult plants. It is beautifully illustrated with watercolour paintings by talented artist Sarah Stribbling, and features more than 1,200 evocative, instructive and detailed photographs. Orchids have long fired the imagination with their beauty and rarity. This book aims to ignite or increase your passion for these special plants, and for the conservation of their varied habitats—from remote mountaintops to urban wild spaces.

- The first book to cover all the species at all stages of development, as well as all subspecies, varieties and confirmed hybrids
- Lavishly illustrated with 98 beautiful watercolour plates
- More than 1,200 stunning photos showing the orchids in their natural settings and highlighting key identification features
- Simple, step-by-step system for identifying almost any orchid you encounter
- Up-to-date distribution maps and seasonal charts showing when each species can be seen in its various stages of development

Sean Cole is a field naturalist who has been studying orchids for more than twenty years, with special interests in identification, taxonomy and pollination. He has published many articles on British orchids, including his specialty, the Ghost Orchid. **Mike Waller** is an ecologist and botanist who specializes in European orchids. He has worked for the Royal Society for the Protection of Birds, the Natural History Museum in London, the London Wildlife Trust and Plantlife.



Britain's Mammals Updated Edition

Dominic Couzens

9780691224718

£17.99

Flexibound

Nature / Animals / Mammals

September 2021

Princeton University Press

A comprehensive photographic field guide to the mammals of Great Britain and Ireland

Britain's Mammals is a comprehensive and beautifully designed photographic field guide to all the mammals recorded in the wild in Great Britain and Ireland in recent times—including marine mammals, bats and introduced species that have bred. The book features 500 stunning photographs and incorporates invaluable tips and suggestions to help you track down and identify even the most difficult species.

This easy-to-use book provides an introduction to the different types of mammal. Concise species accounts focus on identification, and include up-to-date information on sounds, habitat, food, habits, breeding behaviour, and population and status, as well as descriptions of key field signs—including tracks, droppings and nests—that give away the presence of mammals even when they are out of sight. Guidance is also provided on ways of studying and observing mammals—including small-mammal trapping, bat detecting and whale watching. In addition, the book contains sections on mammal conservation, legislation and further sources of useful information. Handy and informative, this guide is the ideal companion for anyone interested in watching mammals in Great Britain and Ireland.

- Comprehensive coverage of all 126 mammal species recorded
- 500 superb colour photographs carefully selected to show key identification features
- Up-to-date distribution maps
- Detailed illustrations of tracks, dentition and other identification features
- Helpful tips for identifying tracks and other signs you may encounter
- Latest information on status, population, distribution and conservation designations
- Advice on finding and watching mammals

Britain's Plant Galls

Michael Chinery

9781903657430

£16.99

Trade Paperback

Nature / Plants / Trees

October 2011

Princeton University Press

This book has been produced with the aim of stimulating the general naturalist to take a closer look at the bumps and lumps that make up the fascinating world of plant galls. Induced by a variety of insects and other organisms and ranging from tiny pimples to bizarre and often very attractive and exquisitely sculptured growths, plant galls are mystery to many people, but they offer a fascinating field of study for both botanists and zoologists. Galls can be found on a very wide range of both woody and herbaceous plants, with over 50 different kinds occurring on Britain's oak trees alone, and there is still much to be learned about even the commonest examples.

- An introduction to the nature of plant galls and their formation
- Brief descriptions of some of the organisms that cause or induce galls
- Superb photographs of just over 200 of the commonest or most conspicuous of Britain's 1,000 or so plant galls, arranged according to their host plants to aid field identification
- Descriptions of these galls and the life histories of the organisms that cause them



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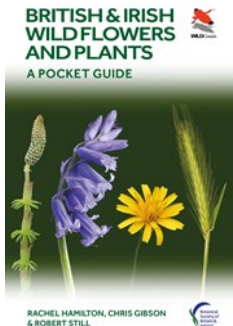


Britain's Reptiles and Amphibians

Howard Inns
9781903657256
£17.99
Trade Paperback
Nature / Animals / Reptiles & Amphibians
July 2011
Princeton University Press

This detailed guide to the reptiles and amphibians of Britain, Ireland, and the Channel Islands has been produced, with the collaboration of the Amphibian and Reptile Conservation Trust, with the aim of inspiring an increased level of interest in these exciting and fascinating animals. It is designed to help anyone who finds a lizard, snake, turtle, tortoise, terrapin, frog, toad, or newt to identify it with confidence.

- Stunning photography
- An easy-to-use approach to identification
- Superbly illustrated introductory sections on the biology and conservation, taxonomy, lifecycle, and behavior of each species group
- Profiles of the 16 native reptiles and amphibians that breed in Britain, Ireland, and the Channel Islands and the 5 marine turtles that visit Britain's seas
- Profiles of 7 established nonnative species and a summary of 8 more with a history of release/escape
- Distribution maps based on the latest available information
- Hints and tips on where, when, and how to watch reptiles and amphibians



British and Irish Wild Flowers and Plants

Rachel Hamilton
9780691245409
£12.99
Trade Paperback
Nature / Plants / Flowers
July 2023
Princeton University Press

A highly illustrated and portable identification guide to the most common wild flowers and other plants

This innovative photographic guide covers the most common wild flowers and other plants found in Great Britain and Ireland, as defined by the very latest distribution maps. It is designed so that anyone faced with an unfamiliar wild plant can confidently put a name to the species or recognise that it is a less common plant needing further investigation. The identification process is based on standard botanical features that are straightforwardly described, clearly illustrated and supported by a simple visual key to families. This book can be your springboard into the wider world of botanical identification, wherever you are, and of plants both common and rare.

- Covers the plants most likely to be seen, including those in coastal areas
- Includes more than 1,000 colour photographs, with macro images of key features when needed
- Features a friendly, easy-to-use design and text written in plain English, with essential botanical terms described and illustrated



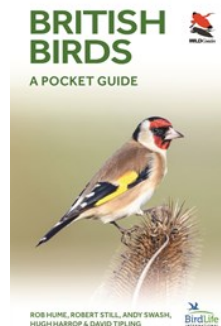
Britain's Spiders

Lawrence Bee
9780691204741
£25.00
Trade Paperback
Nature / Animals / Insects & Spiders
November 2020
Princeton University Press

A comprehensively updated edition of an identification guide that was named a *Guardian* Best Nature Book of the Year

Now in a comprehensively revised and updated new edition, *Britain's Spiders* is a guide to all 38 of the British families, focussing on spiders that can be identified in the field. Illustrated with a remarkable collection of photographs, it is designed to be accessible to a wide audience, including those new to spider identification. This book pushes the boundaries of field identification for this challenging group, combining information on features that can be seen with the naked eye or a hand lens with additional evidence from webs, egg sacs, behaviour, phenology, habitats and distributions. Individual accounts cover 404 species—all of Britain's "macro" spiders and the larger money spiders, with the limitations to field identification clearly explained. This new edition includes nine species new to Britain, many recent name changes, updated distribution maps and species information, new guides to help identify spider families and distinctive species, and the latest species checklist.

- A guide to spider families, based on features recognizable in the field, focussing on body shape and other characteristics, as well as separate guides to webs and egg-sacs
- Detailed accounts and more than 700 stunning photographs highlight key identification features for each genus and species, and include information on status, behaviour and habitats
- Up-to-date distribution maps, and charts showing adult seasonality
- Introductory chapters on the biology of spiders, and where, when and how to find them, including equipment needed in the field
- A complete list of the spiders recorded in Britain, indicating the ease of identification as well as rarity and conservation status
- Information on how to record spiders and make your records count, and guidance on how to take your interest further



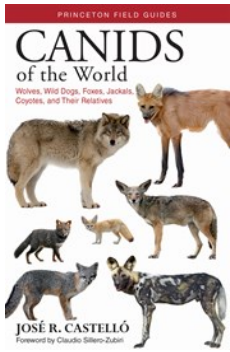
British Birds

Rob Hume
9780691181677
£9.99
Trade Paperback
Nature / Birdwatching Guides
October 2019
Princeton University Press

A carefully designed and lavishly illustrated photographic guide

This innovative and carefully designed photographic guide provides a concise introduction to the identification of the 246 birds most likely to be seen in Great Britain and Ireland. It is the perfect book for anyone wanting to put a name to the birds in their garden, local area or on visits farther afield. Packed with hundreds of stunning photos showing the birds in their many variations, and written and designed by a team of experienced birdwatchers, this is the ideal companion for anyone interested in learning more about the wild birds around us.

- Covers the 246 birds most likely to be seen, plus another 30 or so scarce but regular migrants
- Carefully designed to be user-friendly and accessible
- Lavishly illustrated with more than 1,000 stunning colour photographs
- Easy to use and written in plain English



Canids of the World

José R. Castelló
9780691176857
£25.00
Trade Paperback
Nature / Animals / Wildlife
September 2018
[Princeton University Press](#)

The most complete and user-friendly photographic field guide to the world's canids

This stunningly illustrated and easy-to-use field guide covers every species of the world's canids, from the Gray Wolf of North America to the dholes of Asia, from African jackals to the South American Bush Dog. It features more than 150 superb color plates depicting every kind of canid and detailed facing-page species accounts that describe key identification features, morphology, distribution, subspeciation, habitat, and conservation status in the wild. The book also includes distribution maps and tips on where to observe each species, making *Canids of the World* the most comprehensive and user-friendly guide to these intriguing and spectacular mammals.

- Covers every species and subspecies of canid
- Features more than 150 color plates with more than 600 photos from around the globe
- Depicts species in similar poses for quick and easy comparisons
- Describes key identification features, habitat, behavior, reproduction, and much more
- Draws on the latest taxonomic research
- Includes distribution maps and tips on where to observe each species
- The ideal field companion and a delight for armchair naturalists



Common Bees of Western North America

Olivia Messinger Carril
9780691175508
£30.00
Flexibound
Nature / Animals / Insects & Spiders
May 2023
[Princeton University Press](#)

A portable, full-color photographic guide to the most commonly seen bees in the western United States and Canada

Bees play a vitally important role in the pollination of native plants and agricultural crops around the globe. These stunningly beautiful insects come in a wide range of sizes, shapes, and colors. There are more than 3,000 species in western North America, and identifying them is a challenging task even for taxonomists. *Common Bees of Western North America* is the first species-level photographic field guide to the most commonly seen bees in the western United States and Canada, focusing on those that are found in urban environments, specialize on unique plants, or are especially distinctive in appearance. This book walks you through the process of bee identification using breathtaking high-resolution color photos that highlight the key characteristics of each species, making identification easier. Full of essential facts about the natural history of these magnificent creatures, this is a must-have field guide for naturalists and backyard gardeners alike.

- Covers more than 200 species
- Features more than 1,100 stunning close-up color photos
- Shows multiple images of each species, with arrows indicating key features
- Includes a range map for every species
- Provides silhouette images depicting the actual size of each species
- Describes key identification features, size, phenology, floral preference, nesting, and related species
- Contains a taxonomic key to the bee genera of the region



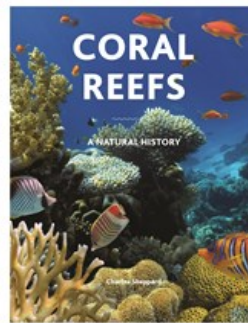
Common Bees of Eastern North America

Olivia Messinger Carril
9780691175492
£22.00
Flexibound
Nature / Animals / Insects & Spiders
September 2021
[Princeton University Press](#)

The only portable full-color photographic guide to the most commonly seen bees east of the Mississippi River

Bees play a vitally important role in the pollination of native plants and agricultural crops around the globe. *Common Bees of Eastern North America* is the first species-level photographic field guide to the most commonly seen bees in the eastern United States and Canada. Identifying bees to species is challenging even for taxonomists. This book walks you through the process of bee identification using breathtaking high-resolution color photos that highlight the unique characteristics of each species, making identification easier. Full of essential facts about the natural history of these magnificent creatures, this is the must-have field guide for naturalists and backyard gardeners alike.

- Covers 125 of the most commonly seen species in the eastern United States and Canada
- Features 500 stunning close-up photos in full color
- Shows multiple images for each species, with arrows highlighting key identifying marks
- Provides silhouette images depicting the actual size of each species
- Describes key identification features, size, phenology, floral preference, nesting, and related species
- Includes a range map for every species
- Contains a taxonomic key to the bee genera of the eastern United States and Canada



Coral Reefs

Russell Kelley
9780691198682
£28.00
Hardcover
Nature / Animals / Marine Life
August 2021
[Princeton University Press](#)

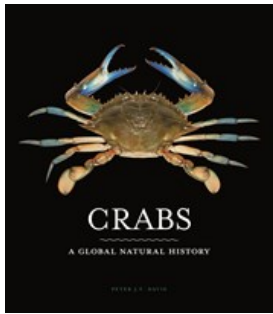
An illustrated look at corals and the reefs they build around the world, and the causes and dire consequences of their rapid disappearance

Corals are among the most varied lifeforms on Earth, ranging from mushroom corals and leather corals to button polyps, sea fans, anemones, and pulse corals. Bridging the gap between plant and animal, these marine invertebrates serve as homes to reef fish and share symbiotic relationships with photosynthesizing algae, which provide corals with their nourishment. This stunningly illustrated book profiles the astonishing diversity of the world's coral groups, describing key aspects of their natural history and explaining why coral reefs are critical to the health of our oceans. Representative examples of corals have been selected to illustrate the broad range of species, and the book's lively and informative commentary covers everything from identification to conservation, making it an essential resource for marine biologists, divers, and anyone who is fascinated by these remarkable sea creatures.

- Features more than 200 exquisite color photos
- Highlights key aspects of corals and their natural history
- Features representative examples from around the world
- Includes photos of rare and unusual species



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THE UNIVERSITY PRESS GROUP



Crabs

Peter J. F. Davie
9780691201719
£25.00
Hardcover
Nature / Animals / Marine Life
December 2021
[Princeton University Press](#)

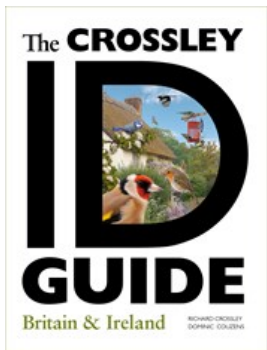
A richly illustrated natural history of the world's crabs that examines their diversity, ecology, anatomy, behavior, and more

This lavishly illustrated book offers a remarkable look at the world's crabs. More than 7,000 crab species, in 100 different families, are known today. Their unique physiology and complex behaviors have made them one of the most diverse and adaptable of all animal groups. They can thrive in the darkness of abyssal seas, on the edges of scalding hot volcanic hydrothermal vents, on sunlit coral reefs, on wave-washed rocky shores, and in tropical rain forests at the tops of mountains. They even persist in some of the harshest desert conditions. Playing a vital role in marine and coastal ecology, crabs have been identified as keystone species in habitats such as coral reefs and coastal tropical swamps.

Crabs comprises five chapters: evolutionary pathways; anatomy and physiology; ecology; reproduction, cognition, and behavior; and exploitation and conservation. Individual chapters include a variety of subtopics, each illustrated by exceptional images, and followed by numerous double full-page species' profiles. Each profile has been chosen to emphasize remarkable and intriguing aspects of the life of these fascinating creatures. Some species may be familiar, but many are beyond anything you have probably seen before and will stretch your understanding of what a crab is.

Written by a world authority, *Crabs* offers an accessible overview of these fascinating crustaceans.

- More than 190 spectacular color photographs
- Accessible and well-organized chapters
- Full profiles on 42 iconic species from across the world



The Crossley ID Guide Britain and Ireland

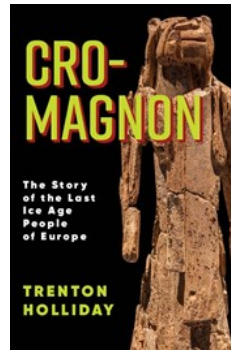
Richard Crossley
9780691151946
£20.00
Flexibound
Nature / Animals / Birds
October 2013
[Princeton University Press](#)

A groundbreaking and accessible field guide to the birds of Britain and Ireland

This guide is a celebration of the beauty of birds and the British and Irish countryside. Aimed at beginner and intermediate birders, yet suitable for all levels, this new volume in the groundbreaking *Crossley ID Guide* series is the most user-friendly guide to the birds of Britain and Ireland. Following *The Crossley ID Guides'* award-winning design, this book looks at all regularly occurring species in Britain and Ireland, and shows readers how to identify birds in their natural habitats using size, structure, shape, probability, and behavior—just like the experts do! Stunning images are accompanied by the colorful and compelling text of Dominic Couzens, one of Britain's leading nature writers.

This unique book treats more than 300 species—all the regularly occurring birds likely to be encountered by observers—and the guide's attractive pages provide a real-life approach to bird identification. Beautiful, in-focus scenes present birds in various plumages and in lifelike poses set in identifiable British and Irish habitats. The plates also illustrate how a bird's appearance changes with distance. Organizing images in cohesive, easy-to-understand plates rather than as separate photographs, this book also sets itself apart by containing more images that demonstrate flight, behavior, habitat, and plumages than any other volume available. Not only is this field guide a reference book, it is also a spectacular teaching resource that makes it easy for nature enthusiasts to see and appreciate the big picture of bird identification.

- The most user-friendly guide to the birds of Britain and Ireland
- A close look at more than 300 regularly occurring species
- Award-winning *Crossley ID Guide* design
- Lifelike images of birds from near to far
- A celebration of the British and Irish countryside
- A teaching and field guide and essential reference
- Concise and compelling text by Dominic Couzens and Richard Crossley



Cro-Magnon

Trenton W. Holliday
9780231204972
£25.00
Trade Paperback
Science / Paleontology
July 2023
[Columbia University Press](#)

During the Last Ice Age, Europe was a cold, dry place teeming with mammoths, woolly rhinoceroses, reindeer, bison, cave bears, cave hyenas, and cave lions. It was also the home of people physically indistinguishable from humans today, commonly known as the Cro-Magnons. Our knowledge of them comes from either their skeletons or the tools, art, and debris they left behind.

This book tells the story of these dynamic and resilient people in light of recent scientific advances. Trenton Holliday—a paleoanthropologist who has studied the Cro-Magnons for decades—explores questions such as: Where and when did anatomically modern humans first emerge? When did they reach Europe, and via what routes? How extensive or frequent were their interactions with Neandertals? What did Cro-Magnons look like? What did they eat, and how did they acquire their food? What can we learn about their lives from studying their skeletons? How did they deal with the glacial cold? What does their art tell us about them?

Holliday offers new insights into these ancient people from anthropological, archaeological, genetic, and geological perspectives. He also considers how the Cro-Magnons responded to Earth's post-glacial warming almost 12,000 years ago, showing that how they dealt with climate change holds valuable lessons for us as we negotiate life on a rapidly warming planet.



The Curious Human Knee

Han Yu
9780231207027
£25.00
Hardcover
Science / Life Sciences / Human Anatomy & Physiology
June 2023
[Columbia University Press](#)

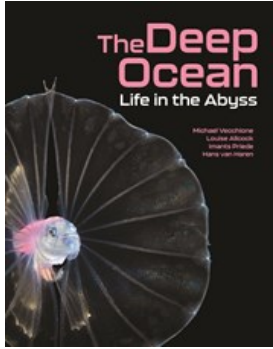
Where would we be without the knee? This down-to-earth joint connecting the thigh and the lower leg doesn't receive the attention it deserves. Yet, as *The Curious Human Knee* reveals, it is crucial to countless facets of science, medicine, culture, and history—and even what makes us human.

Science writer Han Yu provides an informative, surprising, and entertaining exploration of the human knee across time and place. She begins with our earliest ancestors, emphasizing that walking upright separates us from the apes and bipedal knees appeared long before big brains and sophisticated tools. Yu considers the intricate anatomy of the knee, its evolutionary history, and the complexity of treating knee pain, including her own. She examines why women's knees might be more prone to damage than men's and addresses the roles of race and class in ailments such as osteoarthritis. The book gets knee-deep into an astonishing range of topics—fashion from flappers to miniskirts and ripped jeans, cultural practices spanning Japanese knee walking and Thai boxing. Yu reflects on the symbolic power of kneeling from the imperial court in China to the football field in the United States and shows why the knee figures into so many social and political phenomena.

Distilling a vast amount of research in a style that is engaging, conversational, and even personal and witty, this book opens readers' eyes to the complexity and significance of the humble knee.



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The Deep Ocean

Louise Allcock
9780691226811
£38.00
Hardcover
Nature / Ecosystems & Habitats / Oceans & Seas
April 2023
Princeton University Press

An epic excursion into one of the last great frontiers on Earth

The deep ocean comprises more than 90 percent of our planet's biosphere and is home to some of the world's most dazzling creatures, which thrive amid extreme pressures, scarce food supplies, and frigid temperatures. Living things down here behave in remarkable and surprising ways, and cutting-edge technologies are shedding new light on these critically important ecosystems. This beautifully illustrated book leads you down into the canyons, trenches, and cold seeps of the watery abyss, presenting the deep ocean and its inhabitants as you have never seen them before.

- Features a wealth of breathtaking photos, illustrations, and graphics
- Gives a brief and accessible history of deep-sea exploration
- Explains the basics of oceanography
- Covers a marvelous diversity of undersea organisms
- Describes habitats ranging from continental slopes to hydrothermal vents and abyssal plains
- Discusses humanity's impacts on the deep ocean, from fisheries and whaling to global climate change and acidification
- Written by a team of world-class scientists



Dinopedia

Darren Naish
9780691212029
£9.99
Hardcover
Nature / Animals / Dinosaurs & Prehistoric Creatures
November 2021
Princeton University Press

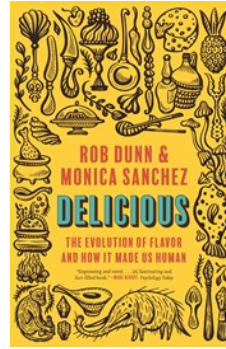
An illuminating and entertaining collection of dinosaur facts, from A to Z

Dinopedia is an illustrated, pocket-friendly encyclopedia of all things dinosaurian. Featuring dozens of entries on topics ranging from hadrosaur nesting colonies to modern fossil hunters and paleontologists such as Halszka Osmólska and Paul Sereno, this amazing A–Z compendium is brimming with facts about these thrilling, complex, and sophisticated animals.

Almost everything we know about dinosaurs has changed in recent decades. A scientific revolution, kick-started in the late 1960s by astounding new discoveries and a succession of new ideas, has shown that these magnificent creatures were marvels of evolution that surpassed modern reptiles and mammals in size, athletic abilities, and more. Darren Naish sheds invaluable light on our current, fast-changing understanding of dinosaur diversity and evolutionary history, and discusses the cultural impacts of dinosaurs through books, magazines, and movies. Naish also shows how our emerging view of these animals is very much a human story about ambition and competing egos, revealing that controversy and disagreement are commonplace in the vigorous field of dinosaur studies.

With a wealth of original illustrations by the author, *Dinopedia* is an informative and entertaining collection of lore for the dinosaur lover in all of us.

- Features a real cloth cover with an elaborate foil-stamped design



Delicious

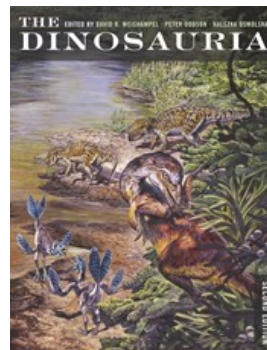
Rob Dunn
9780691242088
£16.99
Trade Paperback
Science / Life Sciences / Evolution
September 2022
Princeton University Press

A savory account of how the pursuit of delicious foods shaped human evolution

Nature, it has been said, invites us to eat by appetite and rewards by flavor. But what exactly are flavors? Why are some so pleasing while others are not? *Delicious* is a supremely entertaining foray into the heart of such questions.

With generous helpings of warmth and wit, Rob Dunn and Monica Sanchez offer bold new perspectives on why food is enjoyable and how the pursuit of delicious flavors has guided the course of human history. They consider the role that flavor may have played in the invention of the first tools, the extinction of giant mammals, the evolution of the world's most delicious and fatty fruits, the creation of beer, and our own sociality. Along the way, you will learn about the taste receptors you didn't even know you had, the best way to ferment a mastodon, the relationship between Paleolithic art and cheese, and much more.

Blending irresistible storytelling with the latest science, *Delicious* is a deep history of flavor that will transform the way you think about human evolution and the gustatory pleasures of the foods we eat.



The Dinosauria, Second Edition

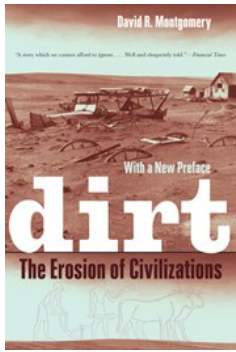
David B. Weishampel
9780520254084
£49.00
Trade Paperback
Science / Paleontology
December 2007
University of California Press

When the *The Dinosauria* was first published more than a decade ago, it was hailed as "the best scholarly reference work available on dinosaurs" and "an historically unparalleled compendium of information." This second, fully revised edition continues in the same vein as the first but encompasses the recent spectacular discoveries that have continued to revolutionize the field. A state-of-the-science view of current world research, the volume includes comprehensive coverage of dinosaur systematics, reproduction, and life history strategies, biogeography, taphonomy, paleoecology, thermoregulation, and extinction. Its internationally renowned authors—forty-four specialists on the various members of the Dinosauria—contribute definitive descriptions and illustrations of these magnificent Mesozoic beasts.

The first section of *The Dinosauria* begins with the origin of the great clade of these fascinating reptiles, followed by separate coverage of each major dinosaur taxon, including the Mesozoic radiation of birds. The second part of the volume navigates through broad areas of interest. Here we find comprehensive documentation of dinosaur distribution through time and space, discussion of the interface between geology and biology, and the paleoecological inferences that can be made through this link. This new edition will be the benchmark reference for everyone who needs authoritative information on dinosaurs.



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Dirt

David Montgomery
9780520272903
£21.00
Trade Paperback
Nature
April 2012
University of California Press

Dirt, soil, call it what you want—it's everywhere we go. It is the root of our existence, supporting our feet, our farms, our cities. This fascinating yet disquieting book finds, however, that we are running out of dirt, and it's no laughing matter. An engaging natural and cultural history of soil that sweeps from ancient civilizations to modern times, *Dirt: The Erosion of Civilizations* explores the compelling idea that we are—and have long been—using up Earth's soil. Once bare of protective vegetation and exposed to wind and rain, cultivated soils erode bit by bit, slowly enough to be ignored in a single lifetime but fast enough over centuries to limit the lifespan of civilizations. A rich mix of history, archaeology and geology, *Dirt* traces the role of soil use and abuse in the history of Mesopotamia, Ancient Greece, the Roman Empire, China, European colonialism, Central America, and the American push westward. We see how soil has shaped us and we have shaped soil—as society after society has risen, prospered, and plowed through a natural endowment of fertile dirt. David R. Montgomery sees in the recent rise of organic and no-till farming the hope for a new agricultural revolution that might help us avoid the fate of previous civilizations.

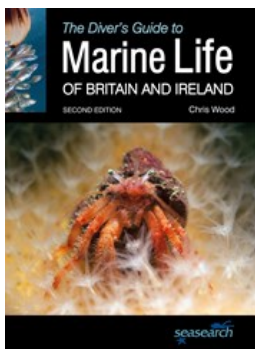


Disrupting the Patrón

Joel E. Correia
9780520393103
£30.00
Trade Paperback
Nature / Environmental Conservation & Protection
April 2023
University of California Press

A free ebook version of this title is available through Luminos, University of California Press's Open Access publishing program. Visit www.luminosoa.org to learn more.

In Paraguay's Chaco region, cattle ranching drives some of the world's fastest deforestation and most extreme inequality in land tenure, with grave impacts on Indigenous well-being. *Disrupting the Patrón* traces Enxet and Sanapaná struggles to reclaim their ancestral lands from the cattle ranches where they labored as peons—a decades-long resistance that led to the Inter-American Court of Human Rights and back to the frontlines of Paraguay's ranching frontier. The Indigenous communities at the heart of this story employ a dialectics of disruption by working with and against the law to unsettle enduring racial geographies and rebuild territorial relations, albeit with uncertain outcomes. Joel E. Correia shows that Enxet and Sanapaná peoples enact environmental justice otherwise: moving beyond juridical solutions to harm by maintaining collective lifeways and resistance amid radical social-ecological change. Correia's ethnography advances debates about environmental racism, ethics of engaged research, and Indigenous resurgence on Latin America's settler frontiers.



The Diver's Guide to Marine Life of Britain and Ireland

Chris Wood
9781999581107
£20.00
Trade Paperback
Nature / Animals / Marine Life
November 2018
Princeton University Press

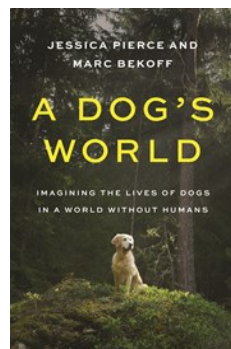
The cool temperate waters around Britain and Ireland are at a crossroads between warmer waters to the south and Arctic ones to the north. Consequently they contain a huge variety of marine animals and plants which differ significantly from place to place around the islands and shores.

This guide aims to introduce divers and snorkellers to the most common and identifiable animals and plants they will encounter underwater, both widely distributed species and some of the specialities of different areas.

Completely revised and expanded this Second Edition covers almost 300 individual species and groups of species seen underwater, from tiny fragile sea spiders to the massive planktonfeeding Basking Shark.

- 265 individual species descriptions, each with information on habitat, size, depth range and distribution in easy to use icon format
- Text emphasising the key features for identification of each species and possible confusions
- Underwater photographs showing each species as the diver or snorkeller would see it
- A unique 'confidence guide' to identify which species are easily recognised and which are likely to require confirmation
- Over 30 additional groups of plants and animals that cannot be identified individually underwater, but can be important features of the living community
- Information on marine habitats, conservation status and nonnative species in British and Irish waters

This guide complements the other titles in this series by providing an introduction to a wide range of species, which can be followed up by referring to the greater detail available in the specialist guides.



A Dog's World

Jessica Pierce
9780691247748
£14.99
Trade Paperback
Nature / Animals / Mammals
April 2023
Princeton University Press

From two of the world's leading authorities on dogs, an imaginative journey into a future of dogs without people

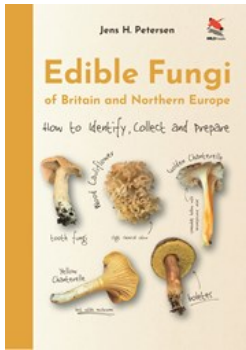
What would happen to dogs if humans simply disappeared? Would dogs be able to survive on their own without us? *A Dog's World* imagines a posthuman future for dogs, revealing how dogs would survive—and possibly even thrive—and explaining how this new and revolutionary perspective can guide how we interact with dogs now.

Drawing on biology, ecology, and the latest findings on the lives and behavior of dogs and their wild relatives, Jessica Pierce and Marc Bekoff—two of today's most innovative thinkers about dogs—explore who dogs might become without direct human intervention into breeding, arranged playdates at the dog park, regular feedings, and veterinary care. Pierce and Bekoff show how dogs are quick learners who are highly adaptable and opportunistic, and they offer compelling evidence that dogs already do survive on their own—and could do so in a world without us.

Challenging the notion that dogs would be helpless without their human counterparts, *A Dog's World* enables us to understand these independent and remarkably intelligent animals on their own terms.



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Edible Fungi of Britain and Northern Europe

Jens H. Petersen

9780691245195

£17.99

Hardcover

Nature / Plants / Mushrooms

April 2023

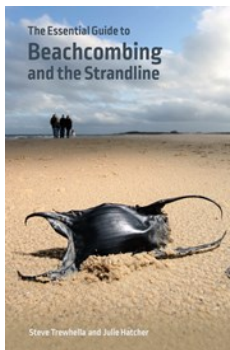
Princeton University Press

A richly illustrated guide to edible mushrooms by one of Europe's leading fungi experts

In this beautifully illustrated introductory guide, Jens Petersen shows how to successfully identify and forage for edible mushrooms, and then how to prepare them for the table to ensure a delicious culinary experience, even if you're a first-time forager.

Accessible and user-friendly, the book opens with a substantial introduction to fungi—what to look for, where to find them and how to collect and cook them. Other topics include edible and poisonous fungi, conserving mushrooms and other uses of fungi. The book then covers the most common major groups, including morels, wood cauliflower, polypores, boletes, tooth fungi, chanterelles, horn of plenty, brittlegills, milkcaps, agarics, puffballs and jelly fungi. For many of these groups, notable subkinds are given their own treatment. With practice, the book will enable you to identify mushrooms such as yellow chanterelles, blueing boletes with orange tube mouths, green brittlegills and milkcaps with orange milk.

Featuring more than 400 stunning colour photographs and more than forty black-and-white illustrations, this book will enhance the experience of every mushroom forager and wild-table chef.



The Essential Guide to Beachcombing and the Strandline

Steve Trehwella

9780957394674

£16.99

Trade Paperback

Nature / Animals / Marine Life

September 2015

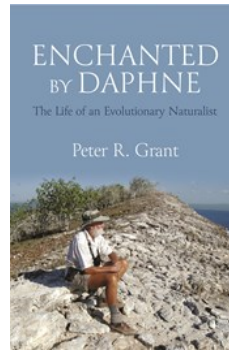
Princeton University Press

Immerse yourself in the beachcombing experience; the wind in your face, the smell of salt spray, the roar of the ocean; it's an assault on the senses, the perfect tonic. From time immemorial people have been drawn to the beach to collect practical resources as well as mysterious objects that have fuelled myth and folklore – it is our inherent hunter-gatherer instinct.

The beach strandline is also a wildlife habitat, home to a unique community of plants and animals, many found nowhere else. They create a rich and ever-changing oasis of life in the otherwise harsh environment of the beach.

Whether you are a seasoned beachcomber, a casual visitor or an enthusiastic naturalist, this book is for you. It will satisfy your curiosity about each treasure found cast up on the beach, be it a pretty seashell or an exotic ocean voyager.

- Descriptions of common and rare beach finds, both natural and man-made
- Clear photographs showing objects and species as found on the strandline and in their natural habitat
- Suggestions for family activities related to beachcombing
- A comprehensive account of the living flora and fauna of the beach strandline
- Information on threats and conservation measures for the marine and coastal environment



Enchanted by Daphne

Peter R. Grant

9780691246246

£30.00

Hardcover

Biography & Autobiography /

Environmentalists & Naturalists

May 2023

Princeton University Press

The extraordinary life story of the celebrated naturalist who transformed our understanding of evolution

Enchanted by Daphne is legendary ecologist Peter Grant's personal account of his remarkable life and career. In this revelatory book, Grant takes readers from his childhood in World War II-era Britain to his ongoing research today in the Galápagos archipelago, vividly describing what it's like to do fieldwork in one of the most magnificent yet inhospitable places on Earth. This is also the story of two brilliant and courageous biologists raising a family together while balancing the demands of professional lives that would take them to the far corners of the globe.

In 1973, Grant and his wife, Rosemary, embarked on a journey that would fundamentally change how we think about evolution. Over the next four decades, they visited the Galápagos every year to observe Darwin's famous finches on the remote, uninhabited island of Daphne Major. Documenting how eighteen species have diversified from a single ancestral species, they demonstrated that we could actually see and measure evolution in a natural setting. Grant recounts the blind alleys and breathtaking triumphs of this historic research as he and Rosemary followed in Darwin's footsteps—and ushered in a new era in ecology.

A wonderfully absorbing portrait of a life in science, *Enchanted by Daphne* is an unforgettable chronicle of the travels and discoveries of one of the world's most influential naturalists.



The Essential Guide to Rockpooling

Julie Hatcher

9780995567313

£16.99

Trade Paperback

Nature / Ecosystems & Habitats / Lakes, Ponds

& Swamps

April 2019

Princeton University Press

The marine environment is a remarkable place – otherworldly and a source of endless fascination. The rocky shore where land meets sea, its array of life ever-changing with the tides, offers us a chance to explore this hidden world.

This book reveals the astonishing diversity of wildlife on rocky shores and in the rockpools around the coast of Britain and gives readers a greater understanding of the myriad creatures that can be found using a bit of simple detective work.

Rockpooling is an activity enjoyed by children and adults alike. This guide will make your exploration even more rewarding, whether you are enjoying a day out at the seaside or seeking to expand your knowledge of a unique habitat.

- Detailed descriptions of around 400 common and rare rocky shore species
- Clear colour photographs of all the species described
- Tips and techniques describing how to find the more cryptic animals
- Ideas for rockpool-related family activities
- Information on threats to the intertidal environment
- Measures we can all take to safeguard the future of our rocky shore wildlife



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Europe's Birds

Rob Hume

9780691177656

£20.00

Flexibound

Nature / Birdwatching Guides

December 2021

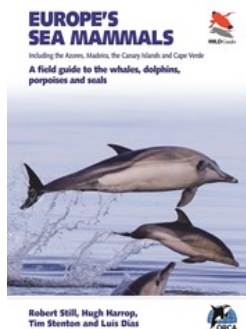
Princeton University Press

The most comprehensive single-volume photographic guide to Europe's birds ever produced—from the authors of the acclaimed *Britain's Birds*

Covering more than 900 species, and illustrated with 4,700 photographs, *Europe's Birds* is the most comprehensive, authoritative and ambitious single-volume photographic guide to Europe's birds ever produced. Easy-to-use, practical and accessible, this guide provides the information necessary for birdwatchers of all abilities to name any bird they see. Detailed descriptions cover the birds in all their plumages—male, female, breeding, non-breeding, adult and immatures, as well as distinctive subspecies. The clear text covers all aspects of identification, including moult and vocalizations, and provides details on range, status and habitat. An unrivalled selection of photographs, chosen to be as informative as possible, makes this a beautiful book to enjoy, as well as an up-to-date and essential source of identification knowledge.

Europe's Birds is produced by the same team that created *Britain's Birds*, which has been described as “without doubt the best photo guide on the market” (Andy Stoddart, *Rare Bird Alert*). The authors include top-class wildlife photographers, writers and editors, and an imaginative, highly skilled designer. All are experienced birdwatchers themselves, who know what is needed in an identification guide for birdwatchers living or travelling in Europe.

- Illustrates all 928 species recorded in Europe, including established introductions
- Features 4,700 stunning photographs showing the birds as you really see them
- Focuses on identification, covering all plumages and subspecies
- Provides detailed comparison of similar and difficult species
- Includes details of moult, vocalizations, status and favoured habitats
- Contains 540 maps, prepared in association with BirdLife International



Europe's Sea Mammals Including the Azores, Madeira, the Canary Islands and Cape Verde

Robert Still

9780691182162

£20.00

Trade Paperback

Nature / Animals / Marine Life

June 2019

A state-of-the-art photographic identification guide to Europe's whales, dolphins, porpoises and seals

This cutting-edge photographic identification guide to Europe's sea mammals—the only such guide of its kind—covers the 39 species of whales, dolphins and porpoises and 9 species of seals found in the region, which spans the eastern Atlantic from Iceland to Macaronesia, and the Mediterranean, Caspian and Baltic seas. Written and illustrated by a team of professional tour guides with extensive experience presenting the region's sea mammals, the guide features more than 180 color photographs, maps and graphics, highlights key identification features and includes information on the range, ecology, behaviour and conservation status of each species. Produced with the marine conservation charity ORCA, the book presents mapping data from a decade of surveys, which shows both current distribution and changes over time.

Europe's Sea Mammals is an essential companion for whale watchers and anyone else who is interested in this enigmatic group of mammals.

- The only photographic guide dedicated to this popular whale-watching region
- Features more than 180 color photos, maps and graphics
- Highlights key identification features and provides essential information on the range, ecology, behaviour and conservation status of each species



Europe's Dragonflies

Dave Smallshire

9780691168951

£25.00

Trade Paperback

Nature / Animals / Insects & Spiders

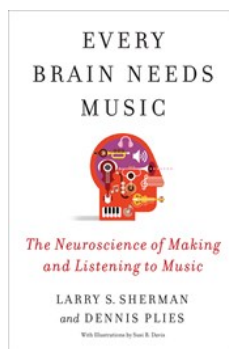
July 2020

Princeton University Press

The go-to photographic guide to all the damselflies and dragonflies recorded in Europe, including the Macaronesian Islands and western Turkey

Europe's Dragonflies is a comprehensive, lavishly illustrated and beautifully designed photographic field guide to the damselflies and dragonflies of Europe. Written by two well-travelled experts, the book covers all 140 resident and vagrant species recorded, focussing on the field identification of adult insects. Concise species profiles highlight key identification features and provide information on behaviour, habitat preferences, distribution, flight periods, status and conservation. Other sections cover identification tips, conservation status and legislation. Presenting an unsurpassed selection of images of the highest quality, this is the go-to guide for anyone wishing to know more about these amazing and fascinating insects.

- Comprehensive coverage of every species of damselfly and dragonfly recorded in Europe
- Stunning colour plates showing males, females, immatures, colour forms, subspecies and typical habitat for every species
- Over 1,200 superb photographs, supplemented with illustrations of fine details
- Detailed profiles for the 140 resident and vagrant species
- Unique comparison plates for difficult groups
- Easy to use by beginners and experts alike, avoiding technical terms



Every Brain Needs Music

Lawrence Sherman

9780231209106

£25.00

Hardcover

Science / Life Sciences / Neuroscience

May 2023

Columbia University Press

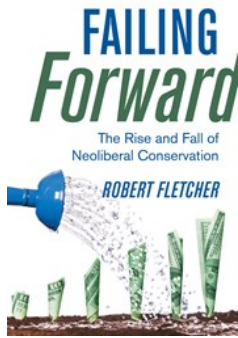
Whenever a person engages with music—when a piano student practices a scale, a jazz saxophonist riffs on a melody, a teenager sobs to a sad song, or a wedding guest gets down on the dance floor—countless neurons are firing. Playing an instrument requires all of the resources of the nervous system, including cognitive, sensory, and motor functions. Composition and improvisation are remarkable demonstrations of the brain's capacity for creativity. Something as seemingly simple as listening to a tune involves mental faculties most of us don't even realize we have.

Larry S. Sherman, a neuroscientist and lifelong musician, and Dennis Plies, a professional musician and teacher, collaborate to show how our brains and music work in harmony. They consider music in all the ways we encounter it—teaching, learning, practicing, listening, composing, improvising, and performing—in terms of neuroscience as well as music pedagogy, showing how the brain functions and even changes in the process. *Every Brain Needs Music* draws on leading behavioral, cellular, and molecular neuroscience research as well as surveys of more than a hundred musical people. It provides new perspectives on learning to play, teaching, how to practice and perform, the ways we react to music, and why the brain benefits from musical experiences.

Written for both musical and nonmusical people, including newcomers to brain science, this book is a lively and easy-to-read exploration of the neuroscience of music and its significance in our lives.



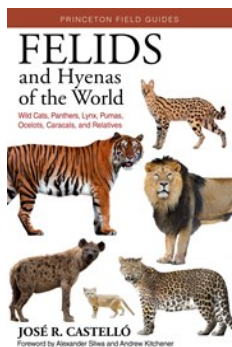
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Failing Forward

Robert Fletcher
9780520390690
£25.00
Trade Paperback
Nature / Environmental Conservation & Protection
March 2023
[University of California Press](#)

Failing Forward documents the global rise of neoliberal conservation as a response to biodiversity loss and unpacks how this approach has managed to "fail forward" over time despite its ineffectiveness. At its core, neoliberal conservation promotes market-based instruments intended to reconcile environmental preservation and economic development by harnessing preservation itself as the source of both conservation finance and capital accumulation more generally. Robert Fletcher describes how this project has developed over the past several decades along with the expanding network of organizations and actors that have come together around its promotion. Drawing on Lacanian psychoanalysis, he explores why this strategy continues to captivate states, nongovernmental organizations, international financial institutions, and the private sector alike despite its significant deficiencies. Ultimately, Fletcher contends, neoliberal conservation should be understood as a failed attempt to render global capitalism sustainable in the face of its intensifying social and ecological contradictions. Consequently, the only viable alternative capable of simultaneously achieving both environmental sustainability and social equity is a concerted program of "degrowth" grounded in post-capitalist principles.



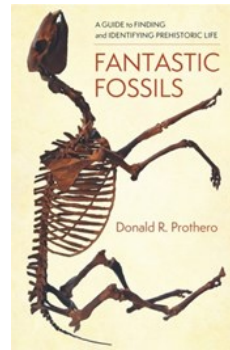
Felids and Hyenas of the World

José R. Castelló
9780691205977
£25.00
Trade Paperback
Nature / Animals / Wildlife
October 2020
[Princeton University Press](#)

The most comprehensive and user-friendly photographic field guide to the world's wildcats and hyenas

From the Leopard Cat of Asia, the Black-footed Cat of Africa, and the Amur Tiger of Siberia to South America's Ocelots and North America's Bobcats, the wildcats known as felids are among the most fascinating and spectacular of all animals. This stunningly illustrated book is the most comprehensive and user-friendly guide to the world's felids and their often misunderstood relative, the hyenas. Covering and illustrating every species and subspecies, the guide features more than 150 superb full-color plates that incorporate more than 600 photographs and show species in similar poses for quick and easy comparison. Drawing on the latest taxonomy and research, the facing-page species accounts provide distribution maps, common and scientific names, and detailed information on key identification features, distribution, behavior, reproduction, similar species, habitat, conservation status, and where to observe each species. An ideal field companion for use anywhere in the world, the book will appeal to both casual nature enthusiasts and seasoned professionals.

- Covers 41 felids and 4 hyenas—every species and subspecies in the world
- Features more than 150 color plates incorporating more than 600 photos
- Depicts species in similar poses for quick and easy comparisons
- Provides key identification information in detailed, facing-page species accounts
- Uses the latest taxonomy
- Includes easy-to-read distribution maps and tips on where to observe each species

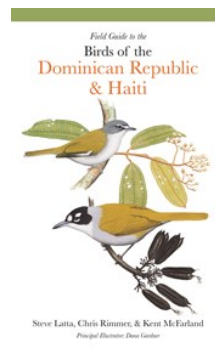


Fantastic Fossils

Donald R. Prothero
9780231195799
£20.00
Trade Paperback
Nature / Fossils
July 2022
[Columbia University Press](#)

Nothing fills us with a sense of wonder like fossils. What looks at first like a simple rock is in fact a clue that reveals the staggering diversity of ancient environments, the winding pathways of evolution, and the majesty of a vanished earth. But as much as one might daydream of digging a hole in the backyard and finding a *Tyrannosaurus*, only a few places contain these buried treasures, and when a scientist comes across a remnant of prehistoric life, great care must be taken. What do budding paleontologists need to know before starting their search?

In *Fantastic Fossils*, Donald R. Prothero offers an accessible, entertaining, and richly illustrated guide to the paleontologist's journey. He details the best places to look for fossils, the art of how to find them, and how to classify the major types. Prothero provides expert wisdom about typical fossils that an average person can hope to collect and how to hunt fossils responsibly and ethically. He also explores the lessons that both common and rarer discoveries offer about paleontology and its history, as well as what fossils can tell us about past climates and present climate change. Captivating illustrations by the paleoartist Mary Persis Williams bring to life hundreds of important specimens. Offering valuable lessons for armchair enthusiasts and paleontology students alike, *Fantastic Fossils* is an essential companion for all readers who have ever dreamed of going in search of traces of a lost world.



Field Guide to the Birds of the Dominican Republic and Haiti

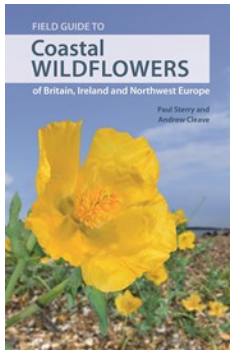
Steven Latta
9780691232393
£20.00
Trade Paperback
Nature / Animals / Birds
July 2022
[Princeton University Press](#)

The classic guide to the birds of the Dominican Republic and Haiti—now fully revised and updated

Field Guide to the Birds of the Dominican Republic and Haiti is the essential guide to birdwatching in these tropical countries. This completely revised and updated edition provides thorough accounts for more than 300 species, including details on new and endemic species.

Now conveniently organized by facing pages, the book features a wealth of images that includes 150 new illustrations by renowned artist Dana Gardner and range maps based on the most current data. Species descriptions present facts about key field marks, similar species, voice, habitats, geographic distribution, status, range, and local names used in the Dominican Republic and Haiti. The guide underscores the importance of promoting the conservation of migratory and resident birds, and building support for environmental measures.

- Fully up-to-date text and maps
- Superb images include 150 new illustrations
- Facing-page treatment features more than 300 species



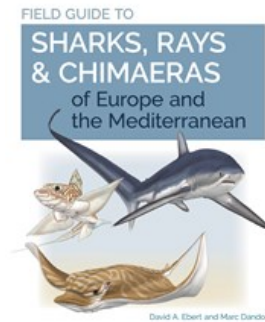
Field Guide to Coastal Wildflowers of Britain, Ireland and Northwest Europe

Paul Sterry
9780691218151
£20.00
Trade Paperback
Nature / Plants / Flowers
May 2022

A richly illustrated guide to the wildflowers and other flora of coastal Britain, Ireland and Northwest Europe

The rugged and beautiful coastal regions of Britain and Ireland are among the crowning glories of these islands. Few visitors can fail to marvel at the stunning sight of Cornwall's clifftops resplendent with flowering Thrift, or be struck by the resilience of plants that thrive on the inhospitable shingle beaches of Dungeness on the coast of Kent. This field guide covers more than 600 species of wildflowers and other coastal flora found in Britain and Ireland, and coastal mainland Northwest Europe. Detailed species accounts describe wildflowers, grasses, sedges and rushes that occur on the coast or in abundance within sight of the sea. Stunningly illustrated throughout, this comprehensive, user-friendly guide also covers trees and shrubs, a range of other groups from mosses and seaweeds, and more broadly, the natural history of coastal habitats.

- Covers more than 600 species of flowering plants
- Features over 1,500 spectacular colour photos
- Describes other groups such as ferns, mosses, liverworts, lichens, fungi and seaweeds
- Provides up-to-date colour distribution maps for Britain and Ireland



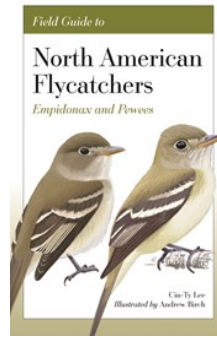
Field Guide to Sharks, Rays & Chimaeras of Europe and the Mediterranean

David A. Ebert
9780691205984
£28.00
Flexibound
Nature / Animals / Fish
December 2020
[Princeton University Press](#)

The definitive field guide to all the sharks, rays and chimaeras of the European Atlantic and Mediterranean

The waters of the northeast Atlantic and Mediterranean Sea are home to an amazing variety of sharks, rays and chimaeras. This comprehensive and easy-to-use field guide covers all 146 species found in the Mediterranean, the waters of the European Atlantic and Iceland, along all the Scandinavian coasts, in the Black Sea and as far south as the Canary Islands. Detailed species accounts describe key identification features, habitat, biology and status. Every species account comes with a colour distribution map, a depth guide, at-a-glance icons and colour illustrations. This must-have field guide also features illustrated key guides that enable you to accurately identify down to species, comparison plates of similar species, illustrations of eggcases where known and plates of teeth.

- The first field guide to cover all 146 species
- Features hundreds of colour illustrations, photos, maps and diagrams
- Describes key features, habitat, biology and status
- Includes depth guides, at-a-glance icons, key guides and teeth plates



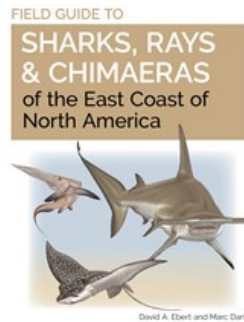
Field Guide to North American Flycatchers

Cin-ty Lee
9780691240626
£16.99
Flexibound
Nature / Birdwatching Guides
April 2023
[Princeton University Press](#)

A richly illustrated, portable field guide to flycatcher identification

The identification of *Empidonax* flycatchers and pewees can be a daunting challenge for even the most seasoned birder. *Field Guide to North American Flycatchers* takes bird identification to an entirely new level by training readers to observe subtle differences in structure, color patterns, and vocalizations before delving into the finer details of a particular species. Because the plumages of flycatchers are so similar, this one-of-a-kind guide uses illustrations that highlight slight variances among species that photos often miss. One of the last frontiers of bird identification is now accessible to everyone—once one knows what to look for.

- Uses a holistic approach that makes flycatcher identification possible even for beginners
- Features a wealth of beautiful illustrations that depict every species in North America
- Shows how to observe subtle differences in structure, plumage contrasts, and vocalizations, which together create a distinctive overall impression of the bird
- Includes detailed audio spectrograms and seasonal distribution maps for each species
- Shares invaluable tips for successful identification in all kinds of field settings
- Its compact size and field-friendly layout make it the ideal travel companion for any birder



Field Guide to Sharks, Rays and Chimaeras of the East Coast of North America

Marc Dando
9780691206387
£35.00
Flexibound
Nature / Animals / Marine Life
July 2023
[Princeton University Press](#)

The definitive field guide to all the sharks, rays and chimaeras of eastern North America

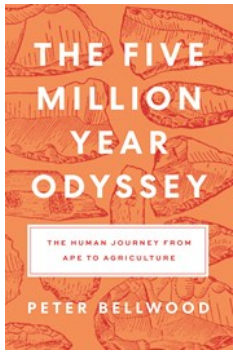
The waters off the East Coast of North America are home to an amazing variety of sharks, rays and chimaeras. This groundbreaking, comprehensive and easy-to-use field guide covers all 173 species found along the eastern seaboard of the United States and Canada, including Bermuda and the Bahamas, and extending into the Gulf of Mexico to the Yucatan Peninsula. These are all the species that are encountered in the shallow waters of estuaries and coasts and the open ocean, including rarely seen deep-sea species.

Lavishly illustrated throughout, this must-have guide includes detailed species accounts describing key identification features, habitat, biology and status. It also features illustrated key guides that enable users to accurately identify species, comparison plates of similar species, dentition plates, and illustrations of egg cases, where known. This an essential guide for fisheries management, trade regulation and shark conservation.

- The first field guide to cover all 173 species
- Features hundreds of color illustrations and photos
- Describes key features, habitat, biology and status
- Includes depth guides, at-a-glance icons and distribution maps
- Offers illustrated key guides, species comparisons and dentition plates



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The Five-Million-Year Odyssey

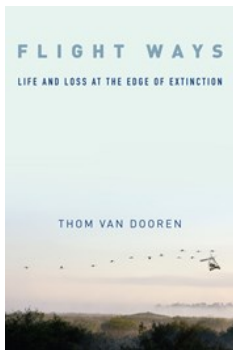
Peter Bellwood
9780691197579
£25.00
Hardcover
Science / Life Sciences / Evolution
August 2022
Princeton University Press

The epic story of human evolution, from our primate beginnings more than five million years ago to the agricultural era

Over the course of five million years, our primate ancestors evolved from a modest population of sub-Saharan apes into the globally dominant species *Homo sapiens*. Along the way, humans became incredibly diverse in appearance, language, and culture. How did all of this happen? In *The Five-Million-Year Odyssey*, Peter Bellwood synthesizes research from archaeology, biology, anthropology, and linguistics to immerse us in the saga of human evolution, from the earliest traces of our hominin forebears in Africa, through waves of human expansion across the continents, and to the rise of agriculture and explosive demographic growth around the world.

Bellwood presents our modern diversity as a product of both evolution, which led to the emergence of the genus *Homo* approximately 2.5 million years ago, and migration, which carried humans into new environments. He introduces us to the ancient hominins—including the australopithecines, *Homo erectus*, the Neanderthals, and others—before turning to the appearance of *Homo sapiens* circa 300,000 years ago and subsequent human movement into Eurasia, Australia, and the Americas. Bellwood then explores the invention of agriculture, which enabled farmers to disperse to new territories over the last 10,000 years, facilitating the spread of language families and cultural practices. The outcome is now apparent in our vast array of contemporary ethnicities, linguistic systems, and customs.

The fascinating origin story of our varied human existence, *The Five-Million-Year Odyssey* underscores the importance of recognizing our shared genetic heritage to appreciate what makes us so diverse.



Flight Ways

Thom van Dooren
9780231166195
£20.00
Trade Paperback
Nature / Animals / Birds
November 2016
Columbia University Press

A leading figure in the emerging field of extinction studies, Thom van Dooren puts philosophy into conversation with the natural sciences and his ethnographic encounters to vivify the cultural and ethical significance of modern-day extinctions. Unlike other meditations on the subject, *Flight Ways* incorporates the particularities of real animals and their worlds, drawing philosophers, natural scientists, and general readers into the experience of living among and losing biodiversity.

Each chapter of *Flight Ways* focuses on a different species or group of birds: North Pacific albatrosses, Indian vultures, an endangered colony of penguins in Australia, Hawaiian crows, and the iconic whooping cranes of North America. Written in eloquent and moving prose, the book takes stock of what is lost when a life form disappears from the world—the wide-ranging ramifications that ripple out to implicate a number of human and more-than-human others. Van Dooren intimately explores what life is like for those who must live on the edge of extinction, balanced between life and oblivion, taking care of their young and grieving their dead. He bolsters his studies with real-life accounts from scientists and local communities at the forefront of these developments. No longer abstract entities with Latin names, these species become fully realized characters enmeshed in complex and precarious ways of life, sparking our sense of curiosity, concern, and accountability toward others in a rapidly changing world.



Flight Identification of European Passerines and Select Landbirds

Tomasz Cofa
9780691177571
£38.00
Flexibound
Nature / Birdwatching Guides
May 2021
Princeton University Press

A richly illustrated, state-of-the-art field guide for identifying European passerines in flight—the first of its kind

Opening up new frontiers in birdwatching, this is the first field guide to focus specifically on the identification of European passerines and related landbirds in flight. Showcasing 850 stunning and remarkably lifelike colour illustrations from acclaimed bird artist Tomasz Cofa, produced using the latest digital technology, backed up with more than 2,400 photographs carefully selected to show typical flight profiles, it provides detailed and unsurpassed coverage of 205 European passerines and 32 near-passerines. This cutting-edge book brings a new dimension to birdwatching, the concise and authoritative species accounts presenting novel yet essential information on the flight manner of individual birds and the structure and behaviour of flocks—features that are key to identification. It also includes precise transliterations of flight calls, supported by sonograms, and links to a unique collection of hundreds of online audio recordings. Beautifully designed and written in an accessible style, this book will appeal to birdwatchers of all abilities. It presents the latest knowledge on flight identification of a group of birds that is poorly covered in the literature and is therefore a must-have for all professional ornithologists and scientists involved in migration studies.

- The first field guide to flight identification of European passerines and related landbirds
- Covers 205 European passerines and 32 near-passerines
- Features 850 stunning colour illustrations
- Includes more than 2,400 photos showing typical profiles of each species in flight
- Provides detailed information on flight calls, with links to online recordings



Florapedia

Carol Gracie
9780691211404
£9.99
Hardcover
Nature / Plants / Flowers
April 2021
Princeton University Press

A delightful illustrated treasury of botanical facts and fancy

Florapedia is an eclectic A–Z compendium of botanical lore. With more than 100 enticing entries—on topics ranging from achlorophyllous plants that use a fungus as an intermediary to obtain nutrients from other plants to zygomorphic flowers that admit only the most select pollinators—this collection is a captivating journey into the realm of botany.

Writing in her incomparably engaging style, Carol Gracie discusses remarkable plants from around the globe, botanical art and artists, early botanical explorers, ethnobotanical uses of plants, botanical classification and terminology, the role of plants in history, and more. She shares illuminating facts about van Gogh's sunflowers and reveals how a hallucinogenic weed left its enduring mark on the early history of the Jamestown colony. Gracie describes the travels of John and William Bartram—father and son botanists and explorers who roamed widely in early America in search of plants—and delves into the miniature ecosystems entangled in Spanish moss. The book's convenient size allows for it to be tucked into a pocket or bag, making it the perfect companion on your own travels.

With charming drawings by Amy Jean Porter, *Florapedia* is the ideal gift book for the plant enthusiast in your life and a rare pleasure for anyone interested in botanical art, history, medicine, or exploration.

- Features a real cloth cover with an elaborate foil-stamped design



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Fungi of Temperate Europe

Thomas Laessle
9780691180373
£121.00
Hardcover
Nature / Plants / Mushrooms
October 2019
Princeton University Press

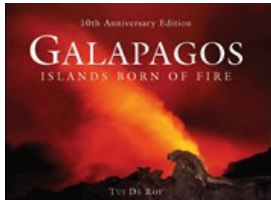
An unprecedented two-volume exploration of the fungi of temperate Europe

Fungi of Temperate Europe is one of the most comprehensive mycological guides ever published. Featuring more than 7,000 photographs, this lavish two-volume set treats more than 2,800 species of fungi across the region.

Including agarics, boletes, chanterelles and morels but also more obscure groups such as cyphelloids, cup fungi, pyrenomycetous fungi and hysterioids, this guide takes an unprecedentedly broad approach to communicating fungal diversity. All species are illustrated with one or more photographs and information is given on morphology, ecology and distribution within temperate Europe. Furthermore, 1,500+ species are discussed as potential look-alikes. The books are divided into eighty "form groups," each starting with an innovative comparison wheel with guiding photos, distinguishing characteristics and drawings of essential microscopic features. Poisonous and edible species are colour coded within the text.

Revealing the world of fungi in all its splendour, *Fungi of Temperate Europe* is a must-have resource for any amateur or professional mycologist.

- 7,000+ photographs across 1,700 pages
- Colourful, up-close photos unrivaled by other mycological guides
- Coverage for 2,800+ fungal species
- Innovative and accessible system of identification



Galápagos

Tui De Roy
9780691146379
£25.00
Hardcover
Nature
February 2010
Princeton University Press

Award-winning photographer Tui De Roy's sumptuous look at the Galapagos

Ever since Charles Darwin visited there in 1835, the Galapagos have fascinated us like no other spot on Earth. This richly illustrated book captures the ethereal, haunting quality of the Galapagos and of the birds and animals that make these islands their home. Acclaimed wildlife photographer and writer Tui De Roy has spent her life exploring the Galapagos and recording their secrets. Here, in spectacular full-color images and in her own words, she shares her intimate knowledge of the islands and her deep love and respect for the natural wonders they conceal.

De Roy takes readers from vibrant coastlines to sheltered interiors, photographing penguins, turtles, and marine iguanas. She visits active volcanic calderas, where life hangs in the balance each time the volcano remakes itself. De Roy follows the seasons of the giant tortoise, dives into the twilight world of sperm whales and hammerhead sharks, and treads on still-steaming volcanic crust. She also makes an impassioned plea for conservation.

This updated tenth-anniversary edition of De Roy's celebrated book offers an unforgettable photographic tour of the Galapagos. Explore with her the incredible diversity of wildlife and habitats that rank these islands among the most fascinating and exotically beautiful places in the world.

- Features 245 stunning full-color photographs
- Includes De Roy's insightful commentary
- Showcases some of the award-winning photographer's finest work
- Brings the natural wonders of the Galapagos to life



Fungipedia

Lawrence Millman
9780691194721
£9.99
Hardcover
Nature / Plants / Mushrooms
October 2019
Princeton University Press

"This little book is big fun."—Michael Pollan

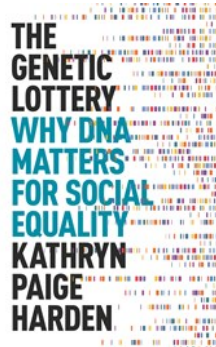
An illustrated mini-encyclopedia of fungal lore, from John Cage and Terence McKenna to mushroom sex and fairy rings

Fungipedia presents a delightful A–Z treasury of mushroom lore. With more than 180 entries—on topics as varied as *Alice in Wonderland*, chestnut blight, medicinal mushrooms, poisonings, Santa Claus, and waxy caps—this collection will transport both general readers and specialists into the remarkable universe of fungi.

Combining ecological, ethnographic, historical, and contemporary knowledge, author and mycologist Lawrence Millman discusses how mushrooms are much more closely related to humans than to plants, how they engage in sex, how insects farm them, and how certain species happily dine on leftover radiation, cockroach antennae, and dung. He explores the lives of individuals like African American scientist George Washington Carver, who specialized in crop diseases caused by fungi; Beatrix Potter, creator of *Peter Rabbit*, who was prevented from becoming a professional mycologist because she was a woman; and Gordon Wasson, a J. P. Morgan vice-president who almost single-handedly introduced the world to magic mushrooms. Millman considers why fungi are among the most significant organisms on our planet and how they are currently being affected by destructive human behavior, including climate change.

With charming drawings by artist and illustrator Amy Jean Porter, *Fungipedia* offers a treasure trove of scientific and cultural information. The world of mushrooms lies right at your door—be amazed!

- Features a real cloth cover with an elaborate foil-stamped design



The Genetic Lottery

Kathryn Paige Harden
9780691242101
£15.99
Trade Paperback
Science / Life Sciences / Genetics & Genomics
October 2022
Princeton University Press

A provocative and timely case for how the science of genetics can help create a more just and equal society

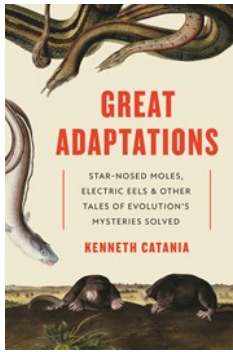
In recent years, scientists like Kathryn Paige Harden have shown that DNA makes us different, in our personalities and in our health—and in ways that matter for educational and economic success in our current society.

In *The Genetic Lottery*, Harden introduces readers to the latest genetic science, dismantling dangerous ideas about racial superiority and challenging us to grapple with what equality really means in a world where people are born different. Weaving together personal stories with scientific evidence, Harden shows why our refusal to recognize the power of DNA perpetuates the myth of meritocracy, and argues that we must acknowledge the role of genetic luck if we are ever to create a fair society.

Reclaiming genetic science from the legacy of eugenics, this groundbreaking book offers a bold new vision of society where everyone thrives, regardless of how one fares in the genetic lottery.



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Great Adaptations

Kenneth Catania
9780691228471
£13.99
Trade Paperback
Science / Natural History
October 2021
[Princeton University Press](#)

"The irresistible enthusiasm of *Great Adaptations* couldn't come at a better time."—
David P. Barash, *Wall Street Journal*

"Be very amazed."—Carl Safina, author of *Beyond Words* and *Becoming Wild*

How one scientist unlocked the secrets behind some of nature's most astounding animals

From star-nosed moles that have super-sensing snouts to electric eels that paralyze their prey, animals possess unique and extraordinary abilities. In *Great Adaptations*, Kenneth Catania presents an entertaining and engaging look at some of nature's most remarkable creatures. Telling the story of his biological detective work, Catania sheds light on the mysteries behind the behaviors of tentacled snakes, tiny shrews, zombie-making wasps, and more. He shows not only how studying these animals can provide deep insights into how life evolved, but also how scientific discovery can be filled with adventure and fun.

Beginning with the star-nosed mole, Catania reveals what the creature's nasal star is actually for, and what this tells us about how brains work. He explores how the deceptive hunting strategy of tentacled snakes leads prey straight to their mouths, how eels use electricity to control other animals, and why emerald jewel wasps make zombies out of cockroaches. He also solves the enigma of worm grunting—a traditional technique in which earthworms are enticed out of the ground—by teaming up with professional worm grunners. Catania demonstrates the merits of approaching science with an open mind, considers the role played by citizen scientists, and illustrates that most animals have incredible, hidden abilities that defy our imagination.

Examining some strange and spectacular creatures, *Great Adaptations* offers a wondrous journey into nature's grand designs.



The Gull Next Door

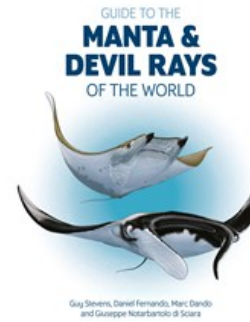
Marianne Taylor
9780691208961
£22.00
Hardcover
Nature / Animals / Birds
October 2020
[Princeton University Press](#)

A uniquely personal meditation on Britain's gulls by one of today's leading wildlife writers

From a distance, gulls are beautiful symbols of freedom over the oceanic wilderness. Up close, however, they can be loud, aggressive and even violent. Yet gulls fascinate birdwatchers, and seafarers regard them with respect and affection. *The Gull Next Door* explores the natural history of gulls and their complicated relationship with humans.

Marianne Taylor grew up in an English seaside town where gulls are ever present. Today, she is a passionate advocate for these underappreciated birds. In this book, Taylor looks at the different gull species and sheds light on all aspects of the lives of gulls—how they find food, raise families, socialize and migrate across sea, coastland and countryside. She discusses the herring gull, Britain's best-known and most persecuted gull species, whose numbers are declining at an alarming rate. She looks at gulls in legend, fiction and popular culture, and explains what we can do to protect gull populations around the world.

The Gull Next Door reveals deeper truths about these remarkable birds. They are thinkers and innovators, devoted partners and parents. They lead long lives and often indulge their powerful drive to explore and travel. But for all these natural gifts, many gull species are struggling to survive in the wild places they naturally inhabit, which is why they are now exploiting the opportunities of human habitats. This book shows how we might live more harmoniously with these majestic yet misunderstood birds.



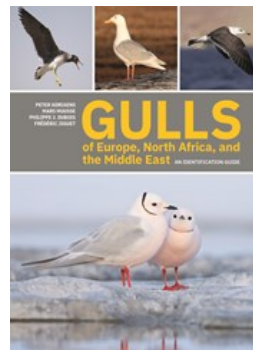
Guide to the Manta and Devil Rays of the World

Guy Stevens
9780995567399
£14.99
Trade Paperback
Nature / Animals / Marine Life
May 2018
[Princeton University Press](#)

Manta and devil rays are some of the most charismatic creatures in the ocean. Born into a life of perpetual motion, these rays must keep swimming to survive. Driven forward by powerful beats of their wing-like pectoral fins, these filter feeding rays search the ocean currents for prey, their horn-like cephalic (head) fins giving rise to ancient mariners' tales of fearsome devilfish dragging boats into the depths. Beloved by scuba divers and marine biologists alike, these impressive animals have never had a comprehensive field guide dedicated to them – until now.

Guide to the Manta and Devil Rays of the World includes detailed information on the identification, characteristics, threats and distribution for each of the species within this family of rays. Illustrated with over 200 beautiful colour photos, drawings and plates, this guide also contains an expansive introduction packed full of useful information on the general taxonomy, biology and behaviour of these iconic animals.

This book will be an invaluable field companion for any scientist, diver or marine enthusiast who has an interest in these fascinating creatures. It is an essential resource for fisheries management, international trade enforcement, and for anyone wanting to become involved in the ongoing efforts to research and conserve this threatened family of rays.



Gulls of Europe, North Africa, and the Middle East

Peter Adriaens
9780691222837
£35.00
Trade Paperback
Nature / Animals / Birds
April 2022
[Princeton University Press](#)

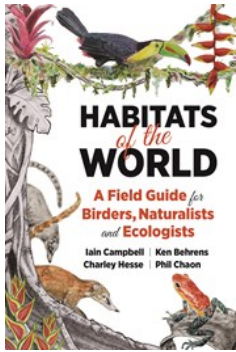
A comprehensive photographic guide to the gull species of the Western Palearctic

Gulls occupy a particularly important place in the world of birds. But because they are notoriously difficult to identify, they have been relatively neglected in the ornithological literature. *Gulls of Europe, North Africa, and the Middle East* offers the most up-to-date guide for gull identification in Europe and beyond. With a direct and visual approach, and an abundance of beautiful color photographs, this book provides thorough accounts of all species and subspecies of gulls found in the Western Palearctic. The guide compares similar taxa and addresses the complexities of identifying hybrids. *Gulls of Europe, North Africa, and the Middle East* will be the standard work for identifying these birds for some time to come.

- Richly illustrated with nearly 1,400 color photographs
- Thorough accounts of all species and subspecies of gulls found in the Western Palearctic
- Up-to-date information for easy and accurate identification of 45 species



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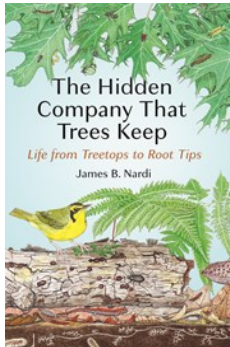
Habitats of the World

Iain Campbell
9780691197562
£30.00
Flexibound
Nature / Ecosystems & Habitats
September 2021
Princeton University Press

The first field guide to all of the world's major land habitats—richly illustrated and packed with essential information to help you get the most out of your outdoor adventures

Accurately identifying and understanding habitats in detail is essential to any birder, naturalist, outdoor enthusiast, or ecologist who wants to get the most out of their experiences in the field. *Habitats of the World* is the first field guide to the world's major land habitats—189 in all. Using the format of a natural history field guide, this compact, accessible, and comprehensive book features concise identification descriptions and is richly illustrated—including more than 650 color photographs of habitats and their wildlife, 150 distribution maps, 200 diagrams, and 150 silhouettes depicting each habitat alongside a human figure, providing an immediate grasp of its look and scale. Each major habitat has an illustrated “climate box” that allows easy comparisons between habitats. Thirty other illustrated boxes present clear explanations of complex phenomena affecting habitats—from plate tectonics and mountain formation to fire regimes and climate change. Requiring no scientific background, *Habitats of the World* offers quick and reliable information for anyone who wants a deeper understanding and appreciation of the habitats around them, whether in their own backyard or while travelling anywhere in the world.

- Covers 189 of the world's major land habitats
- Provides all the information you need to quickly and accurately identify and understand habitats anywhere in the world
- Features concise text, more than 650 color photographs of habitats and their wildlife, an up-to-date distribution map for each habitat, and hundreds of helpful diagrams and illustrations



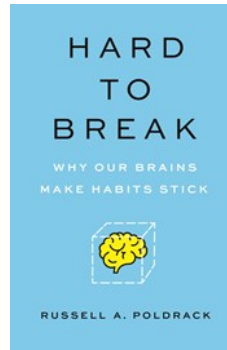
The Hidden Company That Trees Keep

James B. Nardi
9780691237978
£25.00
Hardcover
Nature / Plants / Trees
February 2023
Princeton University Press

A spectacularly illustrated journey into the intimate communities that native trees share with animals, insects, fungi, and microbes

You can tell a lot about a tree from the company it keeps. James Nardi guides you through the innermost unseen world that trees share with a wondrous array of creatures. With their elaborate immune responses, trees recruit a host of allies as predators and parasites to defend against unwanted advances from organisms that chew on leaves, drain sap, and bore into wood. Microbial life thrives in the hidden spaces of leaf scales, twigs, and bark, while birds, mammals, and insects benefit from the more visible resources trees provide. In return, animals help with pollination, seed dispersal, and recycling of nutrients. *The Hidden Company That Trees Keep* blends marvelous storytelling with beautiful illustrations and the latest science to reveal how the lives of trees are intertwined with those of their diverse companions.

- Features a wealth of richly detailed drawings accompanied by breathtaking images of microscopic landscapes on leaf, bark, and root surfaces
- Includes informative fact boxes
- Draws on new discoveries in biology and natural history
- Written by one of the world's leading naturalists



Hard to Break

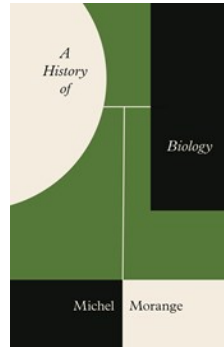
Russell A. Poldrack
9780691241494
£15.99
Trade Paperback
Science / Life Sciences / Neuroscience
October 2022
Princeton University Press

The neuroscience of why bad habits are so hard to break—and how evidence-based strategies can help us change our behavior more effectively

We all have habits we'd like to break, but for many of us it can be nearly impossible to do so. There is a good reason for this: the brain is a habit-building machine. In *Hard to Break*, leading neuroscientist Russell Poldrack provides an engaging and authoritative account of the science of how habits are built in the brain, why they are so hard to break, and how evidence-based strategies may help us change unwanted behaviors.

Hard to Break offers a clear-eyed tour of what neuroscience tells us about habit change and debunks “easy fixes” that aren't backed by science. It explains how dopamine is essential for building habits and how the battle between habits and intentional goal-directed behaviors reflects a competition between different brain systems. Along the way, we learn how cues trigger habits; why we should make rules, not decisions; how the stimuli of the modern world hijack the brain's habit machinery and lead to drug abuse and other additions; and how neuroscience may one day enable us to hack our habits. Shifting from the individual to society, the book also discusses the massive habit changes that will be needed to address the biggest challenges of our time.

Moving beyond the hype to offer a deeper understanding of the biology of habits in the brain, *Hard to Break* reveals how we might be able to make the changes we desire—and why we should have greater empathy with ourselves and others who struggle to do so.



A History of Biology

Michel Morange
9780691175409
£25.00
Hardcover
Science / Life Sciences / Biology
June 2021
Princeton University Press

A comprehensive history of the biological sciences from antiquity to the modern era

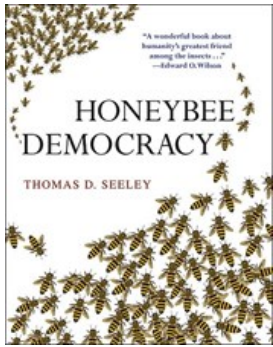
This book presents a global history of the biological sciences from ancient times to today, providing needed perspective on the development of biological thought while shedding light on the field's upheavals and key breakthroughs through the ages. Michel Morange brings to life the dynamic interplay of science, society, and biology's many subdisciplines, enabling readers to better appreciate the interdisciplinary exchanges that have shaped the field over the centuries.

Each chapter of this incisive book focuses on a specific period in the history of biology, describing the major transformations that occurred, the enduring scientific concerns behind these changes, and the implications of yesterday's science for today's. Morange covers everything from the first cell theory to the origins of the concept of ecosystems, and offers perspectives on areas that are often neglected by historians of biology, such as ecology, ethology, and plant biology. Along the way, he highlights the contributions of technology, the important role of hypothesis and experimentation, and the cultural contexts in which some of the most breathtaking discoveries in biology were made.

Unrivaled in scope and written by a world-renowned historian of science, *A History of Biology* is an ideal introduction for students and experts alike, and essential reading for anyone seeking to understand the present state of biological knowledge.



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Honeybee Democracy

Thomas D. Seeley

9780691147215

£25.00

Hardcover

Science / Life Sciences / Zoology / Entomology

October 2010

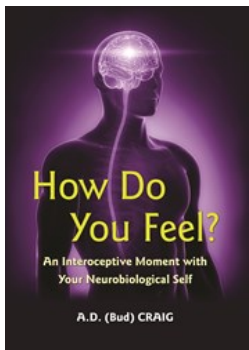
Princeton University Press

How honeybees make collective decisions—and what we can learn from this amazing democratic process

Honeybees make decisions collectively—and democratically. Every year, faced with the life-or-death problem of choosing and traveling to a new home, honeybees stake everything on a process that includes collective fact-finding, vigorous debate, and consensus building. In fact, as world-renowned animal behaviorist Thomas Seeley reveals, these incredible insects have much to teach us when it comes to collective wisdom and effective decision making. A remarkable and richly illustrated account of scientific discovery, *Honeybee Democracy* brings together, for the first time, decades of Seeley's pioneering research to tell the amazing story of house hunting and democratic debate among the honeybees.

In the late spring and early summer, as a bee colony becomes overcrowded, a third of the hive stays behind and rears a new queen, while a swarm of thousands departs with the old queen to produce a daughter colony. Seeley describes how these bees evaluate potential nest sites, advertise their discoveries to one another, engage in open deliberation, choose a final site, and navigate together—as a swirling cloud of bees—to their new home. Seeley investigates how evolution has honed the decision-making methods of honeybees over millions of years, and he considers similarities between the ways that bee swarms and primate brains process information. He concludes that what works well for bees can also work well for people: any decision-making group should consist of individuals with shared interests and mutual respect, a leader's influence should be minimized, debate should be relied upon, diverse solutions should be sought, and the majority should be counted on for a dependable resolution.

An impressive exploration of animal behavior, *Honeybee Democracy* shows that decision-making groups, whether honeybee or human, can be smarter than even the smartest individuals in them.



How Do You Feel?

A. D. Craig

9780691204086

£28.00

Trade Paperback

Science / Life Sciences / Neuroscience

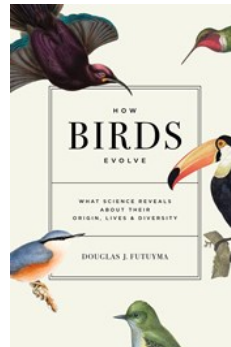
June 2020

Princeton University Press

A book that fundamentally changes how neuroscientists and psychologists categorize sensations and understand the origins and significance of human feelings

How Do You Feel? brings together startling evidence from neuroscience, psychology, and psychiatry to present revolutionary new insights into how our brains enable us to experience the range of sensations and mental states known as feelings. Drawing on his own cutting-edge research, neurobiologist Bud Craig has identified an area deep inside the mammalian brain—the insular cortex—as the place where interoception, or the processing of bodily stimuli, generates feelings. He shows how this crucial pathway for interoceptive awareness gives rise in humans to the feeling of being alive, vivid perceptual feelings, and a subjective image of the sentient self across time. Craig explains how feelings represent activity patterns in our brains that signify emotions, intentions, and thoughts, and how integration of these patterns is driven by the unique energy needs of the hominid brain. He describes the essential role of feelings and the insular cortex in such diverse realms as music, fluid intelligence, and bivalent emotions, and relates these ideas to the philosophy of William James and even to feelings in dogs.

How Do You Feel? is also a compelling insider's account of scientific discovery, one that takes readers behind the scenes as the astonishing answer to this neurological puzzle is pursued and pieced together from seemingly unrelated fields of scientific inquiry. This book will fundamentally alter the way that neuroscientists and psychologists categorize sensations and understand the origins and significance of human feelings.



How Birds Evolve

Douglas J. Futuyma

9780691182629

£25.00

Hardcover

Science / Life Sciences / Zoology / Ornithology

October 2021

Princeton University Press

A marvelous journey into the world of bird evolution

How Birds Evolve explores how evolution has shaped the distinctive characteristics and behaviors we observe in birds today. Douglas Futuyma describes how evolutionary science illuminates the wonders of birds, ranging over topics such as the meaning and origin of species, the evolutionary history of bird diversity, and the evolution of avian reproductive behaviors, plumage ornaments, and social behaviors.

In this multifaceted book, Futuyma examines how birds evolved from nonavian dinosaurs and reveals what we can learn from the "family tree" of birds. He looks at the ways natural selection enables different forms of the same species to persist, and discusses how adaptation by natural selection accounts for the diverse life histories of birds and the rich variety of avian parenting styles, mating displays, and cooperative behaviors. He explains why some parts of the planet have so many more species than others, and asks what an evolutionary perspective brings to urgent questions about bird extinction and habitat destruction. Along the way, Futuyma provides an insider's perspective on how biologists practice evolutionary science, from studying the fossil record to comparing DNA sequences among and within species.

A must-read for bird enthusiasts and curious naturalists, *How Birds Evolve* shows how evolutionary biology helps us better understand birds and their natural history, and how the study of birds has informed all aspects of evolutionary science since the time of Darwin.



How to Be an Urban Birder

David Lindo

9780691179629

£15.99

Trade Paperback

Nature / Animals / Birds

August 2018

Princeton University Press

The first guide to urban birding in the UK, from The Urban Birder himself, David Lindo

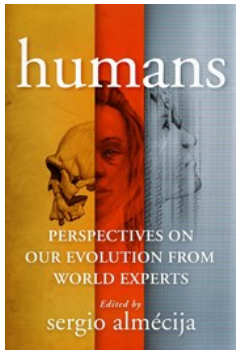
Urban birding is fast becoming ornithology's new rock 'n' roll. Birds and birding have never been cooler—and urban birding is at the cutting edge.

How to Be an Urban Birder is the world's first guide to the art of urban birding—which is so easy and great fun! Here, urban birding pioneer David Lindo tells you everything you need to know about birds and birding in towns and cities in the UK.

- Includes a brief history of urban birding in the UK
- Covers the best places to look for birds in towns and cities
- Helps you get to know your urban birds
- Gives useful tips on how to attract birds to your garden
- Explains what gear you need and how to go about being an urban birder
- Features hundreds of cool images and illustrations of birds in urban settings



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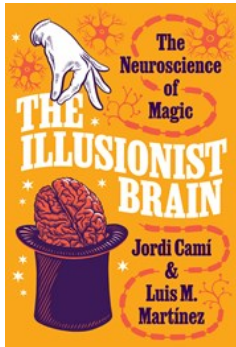
Humans

Sergio Almécija
9780231201216
£25.00
Trade Paperback
Science / Life Sciences / Evolution
May 2023
[Columbia University Press](#)

How did humanity evolve? And what does our evolutionary history tell us about what it means to be human? These questions are fundamental to our identity as individuals and as a species and to our relationship with the world. But there are almost as many answers to them as there are scientists who study these topics.

This book brings together more than one hundred top experts, who share their insights on the study of human evolution and what it means for understanding our past, present, and future. Sergio Almécija asks leading figures across paleontology, primatology, archaeology, genetics, and many other disciplines about their lives, their work, and the philosophical significance of human evolution. They reflect on questions that are both fun and profound: What set you down your career path? Are humans special? Where and when would you travel in a time machine? Does human evolution offer lessons for society? Is evolution compatible with spirituality and religion?

Humans features a remarkably accomplished cast of contributors, including Kay Behrensmeyer, Frans de Waal, Nina Jablonski, Richard Leakey, Robert Sapolsky, and Richard Wrangham. Together, they provide a refreshing, personable, engaging, cross-disciplinary, and thought-provoking exploration of different—even diametrically opposed—ideas about our nature and evolution, what makes humans unique, and what our future might hold. This book also offers practical suggestions for readers seeking to embark on a scientific career.



The Illusionist Brain

Jordi Camí
9780691208442
£22.00
Hardcover
Science / Life Sciences / Neuroscience
June 2022
[Princeton University Press](#)

How magicians exploit the natural functioning of our brains to astonish and amaze us

How do magicians make us see the impossible? *The Illusionist Brain* takes you on an unforgettable journey through the inner workings of the human mind, revealing how magicians achieve their spectacular and seemingly impossible effects by interfering with your cognitive processes. Along the way, this lively and informative book provides a guided tour of modern neuroscience, using magic as a lens for understanding the unconscious and automatic functioning of our brains.

We construct reality from the information stored in our memories and received through our senses, and our brains are remarkably adept at tricking us into believing that our experience is continuous. In fact, our minds create our perception of reality by elaborating meanings and continuities from incomplete information, and while this strategy carries clear benefits for survival, it comes with blind spots that magicians know how to exploit. Jordi Camí and Luis Martínez explore the many different ways illusionists manipulate our attention—making us look but not see—and take advantage of our individual predispositions and fragile memories.

The Illusionist Brain draws on the latest findings in neuroscience to explain how magic deceives us, surprises us, and amazes us, and demonstrates how illusionists skillfully “hack” our brains to alter how we perceive things and influence what we imagine.



Hummingbirds

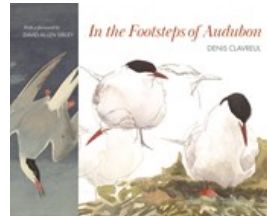
Glenn Bartley
9780691182124
£30.00
Hardcover
Nature / Animals / Birds
July 2022
[Princeton University Press](#)

A stunningly illustrated guide to the wonderful world of hummingbirds

With their glorious colors, glittering iridescence, astonishing powers of flight, and many characteristics unique in the world of birds, hummingbirds are extraordinary—true jewels of nature. This beautiful book is a celebration of all aspects of hummingbirds and their world. It features hundreds of the most spectacular photographs of hummingbirds ever taken, exquisite illustrations, and a lively, readable text that presents the latest scientific information and includes up-to-date details about every species.

A familiar sight across much of the Americas, hummingbirds have long captured the imagination and played an important part in myths, legends, and other aspects of human culture. Today, hummingbirds are among the most popular of all birds, sought after by serious and casual birders alike. They inspire questions in anyone lucky enough to see them. How can they fly like that? Why are they so colorful? How many are there? Where and how do they live? How do they survive? This book answers these and many other questions, providing an enlightening and enjoyable guide to hummingbirds that can only deepen their wonder.

- A definitive yet accessible account of all aspects of hummingbird life
- More than 540 spectacular color photographs, illustrating all 101 hummingbird genera and over two-thirds of the world's 369 species
- Specially commissioned illustrations revealing details of anatomy and behavior
- Meticulously researched facts and figures on status, population, distribution, and conservation designations of all the world's hummingbirds



In the Footsteps of Audubon

Denis Clavreul
9780691237688
£35.00
Hardcover
Nature / Animals / Birds
November 2022
[Princeton University Press](#)

An artist's uniquely personal journey across America

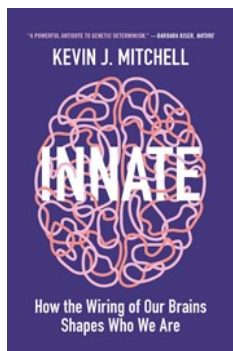
In the nineteenth century, ornithologist and painter John James Audubon set out to create a complete pictorial record of North American birdlife, traveling from Louisiana and the Florida Keys to the Gulf of Saint Lawrence and the cliffs of the Yellowstone River. The resulting work, *The Birds of America*, stands as a monumental achievement in American art. Over a period of sixteen years, recording his own journey in journals and hundreds of original paintings, renowned French watercolorist Denis Clavreul followed in the naturalist's footsteps.

In the Footsteps of Audubon brings together some 250 of Clavreul's stunning watercolors along with illuminating selections from Audubon's journals and several of his paintings. With pencil and brush in hand, Clavreul turns his naturalist's eye and painterly skill to the landscapes that Audubon encountered on his travels, and to the animals and plants that Audubon depicted in his art. A passionate ornithologist, Clavreul sketches birds in the wild with rare dexterity, bringing them vividly to life on the page. He documents his encounters along the way with people who live with nature, many of whom are passionately engaged in preserving it, drawing on his insights as both a biologist and an artist to connect the past, present, and future.

A spellbinding, richly evocative journey, *In the Footsteps of Audubon* is an invitation to see the natural world as Audubon saw it—and to see with new eyes what it has become today.



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Innate

Kevin J. Mitchell
9780691204154
£15.99
Trade Paperback
Science / Life Sciences / Neuroscience
March 2020
Princeton University Press

A leading neuroscientist explains why your personal traits are more innate than you think

What makes you the way you are—and what makes each of us different from everyone else? In *Innate*, leading neuroscientist and popular science blogger Kevin Mitchell traces human diversity and individual differences to their deepest level: in the wiring of our brains. Deftly guiding us through important new research, including his own groundbreaking work, he explains how variations in the way our brains develop before birth strongly influence our psychology and behavior throughout our lives, shaping our personality, intelligence, sexuality, and even the way we perceive the world. Compelling and original, *Innate* will change the way you think about why and how we are who we are.



Insectpedia

Eric R. Eaton
9780691210346
£9.99
Hardcover
Nature / Animals / Insects & Spiders
May 2022
Princeton University Press

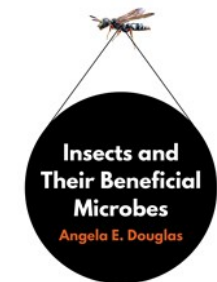
A fun and fact-filled A–Z treasury for the insect lover in all of us

Insectpedia introduces you to the wonders of the insect world while inviting you to make discoveries of your own. Featuring dozens of entries on topics ranging from murder hornets and the “insect apocalypse” to pioneering entomologists such as Margaret James Strickland Collins and Douglas Tallamy, this beautifully illustrated, pocket-friendly encyclopedia dispels many common myths about insects while offering new perspectives on the vital relationships we share with these incredible creatures.

This entertaining collection celebrates the long and storied history of entomology, highlights our dependence on insects for food and ecosystem services, and explains the meaning behind various entomological terms. With Eric Eaton as your guide, you will circle the globe in search of African Toktokkies and Australian beer bottle beetles, and witness the peculiar spectacle of cricket fighting in Asia. Profiles of influential figures in entomology provide insights into the curious minds that animate this extraordinarily broad field of scientific inquiry, while the book’s portable size makes it the perfect travel companion no matter where your own entomological adventures may lead you.

With captivating illustrations by Amy Jean Porter, *Insectpedia* is an engaging blend of insect facts and folklore that will inspire anyone who delights in the marvels of nature.

- Features a real cloth cover with an elaborate foil-stamped design



Insects and Their Beneficial Microbes

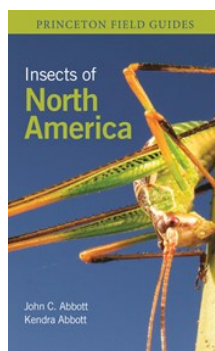
Angela E Douglas
9780691192406
£35.00
Hardcover
Science / Life Sciences / Microbiology
August 2022
Princeton University Press

A comprehensive overview of symbiotic relationships between insects and microbes

Insects and Their Beneficial Microbes is an authoritative and accessible synthesis of insect associations with beneficial microorganisms. Angela Douglas distills the vast literature in entomology and microbiology, as well as the burgeoning microbiome literature, to explore the full scope of insect-microbial interactions and their applications to real-world problems in agriculture and medicine.

Douglas investigates how insects acquire and support their microbial partners, and examines how microorganisms contribute to insect nutrition, the defense against natural enemies, and the detoxification of natural allelochemicals and chemical insecticides. She analyzes how beneficial microbes can be harnessed to solve real-world problems in insect pest management, including strategies to suppress the transmission of viruses and microbial disease agents by mosquitoes and other insects. She also addresses the use of insects as biomedical models for effective microbial therapies treating a range of chronic human diseases, and considers how knowledge of insect-microbial interactions can promote the health of beneficial insects, especially in the context of environmental pollutants and climate change.

Insects and Their Beneficial Microbes provides a much-needed conceptual framework for the growing discipline of insect-microbial interactions, and offers a wealth of insights into insect symbioses from molecular, physiological, ecological, and evolutionary perspectives.



Insects of North America

John C. Abbott
9780691232850
£20.00
Trade Paperback
Nature / Animals / Insects & Spiders
May 2023
Princeton University Press

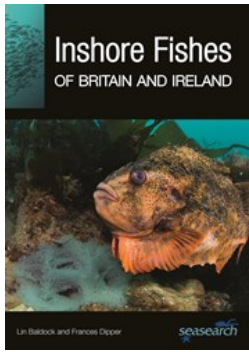
The ultimate photographic field guide to North American insects

This amazing field guide enables you to identify all 783 families of insects currently recognized in the United States and Canada. Richly illustrated with more than 3,700 stunning photos along with keys to families for many of the orders, *Insects of North America* features a comprehensive introduction that discusses classification and nomenclature, insect diversity, global threats, the latest collecting and curatorial techniques, and the many ways these remarkable organisms impact society. Combined with in-depth taxonomic coverage, this is the essential resource for both professionals and amateurs interested in the most diverse group of animals on the planet.

- Covers all 783 insect families known to occur in the United States and Canada
- Features more than 3,700 color photos, with nearly every photo identified to species level
- Includes an illustrated glossary for easy reference in the field
- The first field companion of its kind since the publication of the Peterson guide in 1970
- Ideal for entomology courses of all levels
- An invaluable resource for anyone interested in insects



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Inshore Fishes of Britain and Ireland

Lin Baldock
9780691249018
£22.00
Trade Paperback
Nature / Animals / Fish
July 2023
[Princeton University Press](#)

A beautifully illustrated photographic identification guide to the common marine fish found around Britain and Ireland—ideal for divers, snorkellers, and natural history enthusiasts

Fish are a colourful and important part of inshore marine life, much admired by divers and snorkellers. But it can be difficult to accurately identify and record these quick-moving animals underwater. This authoritative, beautifully illustrated photographic guide offers a practical, easy-to-use approach for identifying the fish species commonly seen in the waters around Britain and Ireland, as well as a few vagrant and interesting rare species. The book's concise text explains how fish can be identified underwater, and is accompanied by numerous photographs of each species in its natural environment and diagrams illustrating key features. The book also clearly indicates the cases when underwater species identification is more difficult. Published in association with the UK's Marine Conservation Society, the book makes an invaluable addition to the series of marine photographic titles of Seasearch, a species recording project for volunteer sports divers.

- Features individual descriptions of more than 140 species, with information on size, depth range, habitat and distribution in the Seasearch guide icon format
- Illustrates every species in its natural underwater environment
- Emphasises key identification features and possible confusion species
- Includes a "confidence guide" distinguishing between easily recognisable species and those requiring closer examination
- Features longer sections highlighting interesting species, behaviours and other topics
- Provides information on protected species, taxonomy, shifting distributions and conservation status



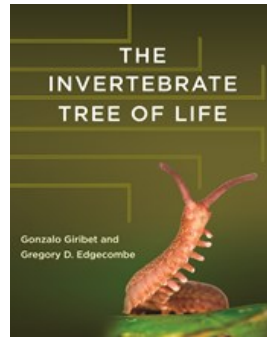
Japan

Mark Brazil
9780691175065
£30.00
Flexibound
Science / Natural History
January 2022
[Princeton University Press](#)

A comprehensive, richly illustrated guide to Japan's astonishing animals and plants—and the natural forces that have shaped them

This richly illustrated guide is the first comprehensive and accessible introduction to the extraordinary natural history of the Japanese archipelago. It explains how Japan's geology, geography, climate, seas and currents have forged conditions supporting a diverse range of species—from cranes, bears, eagles and monkeys to plants, butterflies, dragonflies, frogs and snakes—many of which are found nowhere else in the world. Engaging and authoritative, this book is a must-have for anyone who wants to explore or learn about Japan's natural wonders, from the Japanese Macaque—the famous snow monkeys—to the magnificent Steller's Eagle.

- Features more than 878 colour photographs, illustrations and maps
- Provides a lavishly illustrated introduction to many of Japan's common and iconic mammals and birds
- Takes readers on a naturalist's journey to the key areas of Hokkaido, Honshu, Kyushu, Shikoku and Nansei Shoto, as well as the Izu, Ogasawara and Iwo islands
- Introduces Japan's geology, geography, topography, climate, habitats, biodiversity and much more
- Explains where and how to watch and photograph wildlife in Japan, including whales



The Invertebrate Tree of Life

Gonzalo Giribet
9780691170251
£70.00
Hardcover
Science / Life Sciences / Evolution
March 2020
[Princeton University Press](#)

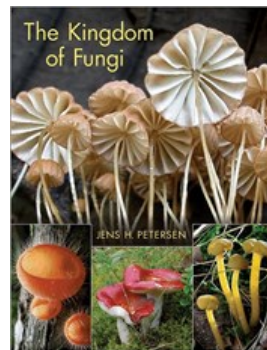
The most up-to-date book on invertebrates, providing a new framework for understanding their place in the tree of life

In *The Invertebrate Tree of Life*, Gonzalo Giribet and Gregory Edgecombe, leading authorities on invertebrate biology and paleontology, utilize phylogenetics to trace the evolution of animals from their origins in the Proterozoic to today. Phylogenetic relationships between and within the major animal groups are based on the latest molecular analyses, which are increasingly genomic in scale and draw on the soundest methods of tree reconstruction.

Giribet and Edgecombe evaluate the evolution of animal organ systems, exploring how current debates about phylogenetic relationships affect the ways in which aspects of invertebrate nervous systems, reproductive biology, and other key features are inferred to have developed. The authors review the systematics, natural history, anatomy, development, and fossil records of all major animal groups, employing seminal historical works and cutting-edge research in evolutionary developmental biology, genomics, and advanced imaging techniques. Overall, they provide a synthetic treatment of all animal phyla and discuss their relationships via an integrative approach to invertebrate systematics, anatomy, paleontology, and genomics.

With numerous detailed illustrations and phylogenetic trees, *The Invertebrate Tree of Life* is a must-have reference for biologists and anyone interested in invertebrates, and will be an ideal text for courses in invertebrate biology.

- A must-have and up-to-date book on invertebrate biology
- Ideal as both a textbook and reference
- Suitable for courses in invertebrate biology
- Richly illustrated with black-and-white and color images and abundant tree diagrams
- Written by authorities on invertebrate evolution and phylogeny



The Kingdom of Fungi

Jens H. Petersen
9780691157542
£25.00
Hardcover
Nature / Plants / Mushrooms
April 2013
[Princeton University Press](#)

The essential photographic guide to the world's fungi

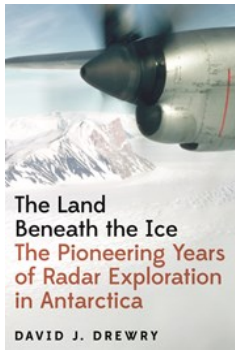
The fungi realm has been called the "hidden kingdom," a mysterious world populated by microscopic spores, gigantic mushrooms and toadstools, and a host of other multicellular organisms ranging widely in color, size, and shape. *The Kingdom of Fungi* provides an intimate look at the world's astonishing variety of fungi species, from cup fungi and lichens to truffles and tooth fungi, clubs and corals, and jelly fungi and puffballs. This beautifully illustrated book features more than 800 stunning color photographs as well as a concise text that describes the biology and ecology of fungi, fungal morphology, where fungi grow, and human interactions with and uses of fungi.

The Kingdom of Fungi is a feast for the senses, and the ideal reference for naturalists, researchers, and anyone interested in fungi.

- Reveals fungal life as never seen before
- Features more than 800 stunning color photos
- Describes fungal biology, morphology, distribution, and uses
- A must-have reference book for naturalists and researchers



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The Land Beneath the Ice

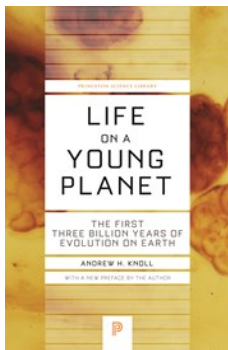
David J. Drewry
9780691237916
£35.00
Hardcover
Nature / Ecosystems & Habitats / Polar Regions
January 2023
Princeton University Press

A wondrous story of scientific endeavor—probing the great ice sheets of Antarctica

From the moment explorers set foot on the ice of Antarctica in the early nineteenth century, they desired to learn what lay beneath. David J. Drewry provides an insider's account of the ambitious and often hazardous radar mapping expeditions that he and fellow glaciologists undertook during the height of the Cold War, when concerns about global climate change were first emerging and scientists were finally able to peer into the Antarctic ice and take its measure.

In this panoramic book, Drewry charts the history and breakthrough science of radio-echo sounding, a revolutionary technique that has enabled researchers to measure the thickness and properties of ice continuously from the air—transforming our understanding of the world's great ice sheets. To those involved in this epic fieldwork, it was evident that our planet is rapidly changing, and its future depends on the stability and behavior of these colossal ice masses. Drewry describes how bad weather, downed aircraft, and human frailty disrupt the most meticulously laid plans, and how success, built on remarkable international cooperation, can spawn institutional rivalries.

The Land Beneath the Ice captures the excitement and innovative spirit of a pioneering era in Antarctic geophysical exploration, recounting its perils and scientific challenges, and showing how its discoveries are helping us to tackle environmental challenges of global significance.



Life on a Young Planet

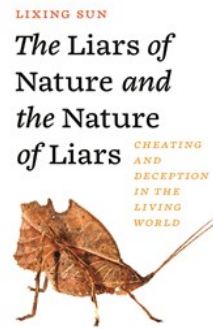
Andrew H. Knoll
9780691165530
£16.99
Trade Paperback
Science / Life Sciences / Evolution
March 2015
Princeton University Press

Australopithecines, dinosaurs, trilobites—such fossils conjure up images of lost worlds filled with vanished organisms. But in the full history of life, ancient animals, even the trilobites, form only the half-billion-year tip of a nearly four-billion-year iceberg. Andrew Knoll explores the deep history of life from its origins on a young planet to the incredible Cambrian explosion, presenting a compelling new explanation for the emergence of biological novelty.

The very latest discoveries in paleontology—many of them made by the author and his students—are integrated with emerging insights from molecular biology and earth system science to forge a broad understanding of how the biological diversity that surrounds us came to be. Moving from Siberia to Namibia to the Bahamas, Knoll shows how life and environment have evolved together through Earth's history. Innovations in biology have helped shape our air and oceans, and, just as surely, environmental change has influenced the course of evolution, repeatedly closing off opportunities for some species while opening avenues for others.

Readers go into the field to confront fossils, enter the lab to discern the inner workings of cells, and alight on Mars to ask how our terrestrial experience can guide exploration for life beyond our planet. Along the way, Knoll brings us up-to-date on some of science's hottest questions, from the oldest fossils and claims of life beyond the Earth to the hypothesis of global glaciation and Knoll's own unifying concept of "permissive ecology."

In laying bare Earth's deepest biological roots, *Life on a Young Planet* helps us understand our own place in the universe—and our responsibility as stewards of a world four billion years in the making.



The Liars of Nature and the Nature of Liars

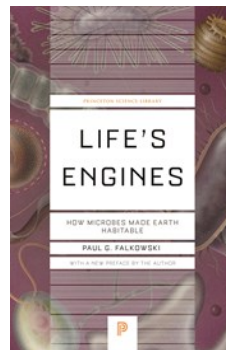
Lixing Sun
9780691198606
£25.00
Hardcover
Science / Life Sciences / Zoology / Ethology
(Animal Behavior)
April 2023
Princeton University Press

A natural history of cheating from selfish genes to lying politicians

Nature is rife with cheating. Possums play possum, feigning death to cheat predators. Crows cry wolf to scare off rivals. Amphibians and reptiles are inveterate impostors. Even genes and cells cheat. *The Liars of Nature and the Nature of Liars* explores the evolution of cheating in the natural world, revealing how dishonesty has given rise to wondrous diversity.

Blending cutting-edge science with a wealth of illuminating examples—from microscopic organisms to highly intelligent birds and mammals—Lixing Sun shows how cheating in nature relies on two basic rules. One is lying, by which cheaters exploit honest messages in communication signals and use them to serve their own interests. The other is deceiving, by which cheaters exploit the biases and loopholes in the sensory systems of other creatures. Sun demonstrates that cheating serves as a potent catalyst in the evolutionary arms race between the cheating and the cheated, resulting in a biological world teeming with complexity and beauty.

Brimming with insight and humor, *The Liars of Nature and the Nature of Liars* also looks at the prevalence of cheating in human society, identifying the kinds of cheating that spur innovation and cultural vitality and laying down a blueprint for combatting malicious cheating such as fake news and disinformation.



Life's Engines

Paul G. Falkowski
9780691247687
£16.99
Trade Paperback
Science / Life Sciences / Microbiology
June 2023
Princeton University Press

The marvelous microbes that made life on Earth possible and support our very existence

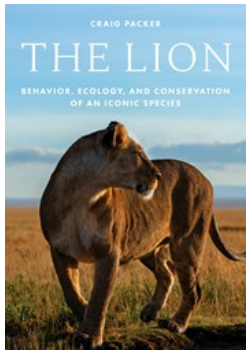
For almost four billion years, microbes had the primordial oceans all to themselves. The stewards of Earth, these organisms transformed the chemistry of our planet to make it habitable for plants, animals, and us. *Life's Engines* takes readers deep into the microscopic world to explore how these marvelous creatures made life on Earth possible—and how human life today would cease to exist without them.

Paul Falkowski looks "under the hood" of microbes to find the engines of life, the actual working parts that do the biochemical heavy lifting for every living organism on Earth. With insight and humor, he explains how these miniature engines are built—and how they have been appropriated by and assembled like Lego sets within every creature that walks, swims, or flies. Falkowski shows how evolution works to maintain this core machinery of life, and how we and other animals are veritable conglomerations of microbes.

A vibrantly entertaining book about the microbes that support our very existence, *Life's Engines* will inspire wonder about these elegantly complex nanomachines that have driven life since its origin. It also issues a timely warning about the dangers of tinkering with that machinery to make it more "efficient" at meeting the ever-growing demands of humans in the coming century.



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The Lion

Craig Packer

9780691215297

£35.00

Hardcover

Nature / Animals / Big Cats

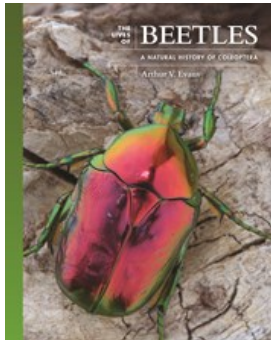
March 2023

Princeton University Press

An authoritative, accessible, and gorgeously illustrated exploration into the lives of these remarkable animals

Lions are the only social cat. They hunt together, raise cubs together, and defend territories together against neighbors and strangers. Lions also rest atop their ecological pyramid, with profound impacts on competitors and prey alike, but their future is far from assured. Craig Packer interweaves his discoveries from more than forty years of research—including a substantial body of new findings—to provide an unforgettable portrait of the African lion. He shares insights into the intricacies of lion life from birth until death and describes efforts to conserve lions in an increasingly crowded continent. With a wealth of breathtaking photographs by Daniel Rosengren, *The Lion* sheds light on a host of intriguing scientific questions, such as why males have manes, why lions are social, how sociality limits and stabilizes lion populations, how close inbreeding affects lion health, why lions become man-eaters, how lions and people can best be protected from each other, and how to ensure the lion's survival into the next century.

- Engagingly written by the world's foremost expert on African lions
- Integrates a wealth of findings from two of the most comprehensive field studies on any animal
- Features hundreds of stunning photographs that capture a broad range of lion behaviors, ecological interactions, and conservation challenges
- Blends vivid field anecdotes and graphics to give the reader a sense of adventuring into the lion's world



The Lives of Beetles

Arthur V. Evans

9780691236513

£30.00

Hardcover

Nature / Animals / Insects & Spiders

March 2023

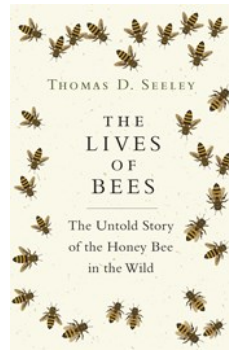
Princeton University Press

A richly illustrated introduction to the incredible world of beetles

With some 400,000 species, beetles are among the largest and most successful groups of organisms on earth, making up one-fifth of all plant and animal species. No other animals exhibit such a dazzling range of size, form, and color. Mostly small, sturdy, and compact, beetles are incredibly well-equipped to find food, reproduce, and avoid predators. Additionally, their collective roles as herbivores, hunters, and recyclers are critical to the sustainability of terrestrial ecosystems. In this lavishly illustrated book, beetle expert and author Arthur Evans presents an inviting and comprehensive introduction to the fascinating lives of the world's beetles.

Universal in scope, *The Lives of Beetles* is packed with the latest scientific findings, presented in an accessible way. Individual chapters cover beetles' structure and function; evolution, diversity, classification, and distribution; communication, reproduction, and development; feeding habits; uses in medicine, science, and technology; and study and conservation. Each chapter concludes with nine stunningly illustrated profiles that highlight the lives of some of the world's most beautiful and interesting species. The book also features an up-to-date family classification, a glossary, and suggestions for further reading.

We need beetles for the ecological services they provide, the technological innovations they inspire, and the scientific insights they reveal, so it is essential that we all get to know beetles better and strive to conserve their habitats. *The Lives of Beetles* is the perfect place to begin this journey of discovery and understanding.



The Lives of Bees

Thomas D. Seeley

9780691166766

£24.00

Hardcover

Nature / Animals / Insects & Spiders

May 2019

Princeton University Press

How the lives of wild honey bees offer vital lessons for saving the world's managed bee colonies

Humans have kept honey bees in hives for millennia, yet only in recent decades have biologists begun to investigate how these industrious insects live in the wild. *The Lives of Bees* is Thomas Seeley's captivating story of what scientists are learning about the behavior, social life, and survival strategies of honey bees living outside the beekeeper's hive—and how wild honey bees may hold the key to reversing the alarming die-off of the planet's managed honey bee populations.

Seeley, a world authority on honey bees, sheds light on why wild honey bees are still thriving while those living in managed colonies are in crisis. Drawing on the latest science as well as insights from his own pioneering fieldwork, he describes in extraordinary detail how honey bees live in nature and shows how this differs significantly from their lives under the management of beekeepers. Seeley presents an entirely new approach to beekeeping—Darwinian Beekeeping—which enables honey bees to use the toolkit of survival skills their species has acquired over the past thirty million years, and to evolve solutions to the new challenges they face today. He shows beekeepers how to use the principles of natural selection to guide their practices, and he offers a new vision of how beekeeping can better align with the natural habits of honey bees.

Engagingly written and deeply personal, *The Lives of Bees* reveals how we can become better custodians of honey bees and make use of their resources in ways that enrich their lives as well as our own.



The Lives of Fungi

Britt Bunyard

9780691229843

£25.00

Hardcover

Nature / Plants / Mushrooms

April 2022

Princeton University Press

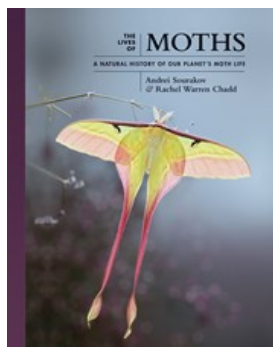
A fascinating and richly illustrated exploration of the natural history of fungi

We know fungi are important, for us as well as the environment. But how they live, and what they can do, remains mysterious and surprising. Filled with stunning photographs, *The Lives of Fungi* presents an inside look into their hidden and extraordinary world.

The wonders of fungi are myriad: a mushroom poking up through leaf litter literally overnight, or the sensational hit of umami from truffle shavings. Alexander Fleming cured infections with mold and spiritual guides have long used psychedelic mushrooms to enhance understanding. Then there are the tiny threads of fungi, called hyphae, that create a communications network for the natural world while decomposing organic matter. Combining engaging and accessible text with beautiful images, *The Lives of Fungi* lays out all the essential facts about fungi for the mycologically curious.



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The Lives of Moths

Andrei Sourakov

9780691228563

£25.00

Hardcover

Nature / Animals / Butterflies & Moths

April 2022

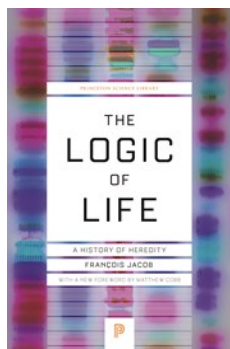
Princeton University Press

A richly illustrated look at the natural history of moths

Moths are among the most underappreciated insects on the planet, yet they make up the majority of some 180,000 known species of Lepidoptera. Filled with striking images, *The Lives of Moths* looks at the remarkable world of these amazing and beautiful creatures.

While butterflies may get more press than moths, Andrei Sourakov and Rachel Warren Chadd reveal that the lopsided attention is unjust. Moths evolved long before butterflies, and their importance cannot be overestimated. From the tiniest leaf miners to exotic hawk moths that are two hundred to three hundred times larger, these creatures are often crucial pollinators of flowers, including many that bloom at night or in twilight. The authors show that moths and their larvae are the main food source for thousands of animal species, and interact with other insect, plant, and vertebrate communities in ecosystems around the world, from tropical forests and alpine meadows to deserts and wetlands. The authors also explore such topics as evolution, life cycles, methods of communication, and links to humans.

A feast of remarkable facts and details, *The Lives of Moths* will appeal to insect lovers everywhere.



The Logic of Life

François Jacob

9780691182841

£16.99

Trade Paperback

Science / Life Sciences / Molecular Biology

August 2022

Princeton University Press

“The most remarkable history of biology that has ever been written.”—Michel Foucault

Nobel Prize-winning scientist François Jacob's *The Logic of Life* is a landmark book in the history of biology and science. Focusing on heredity, which Jacob considers the fundamental feature of living things, he shows how, since the sixteenth century, the scientific understanding of inherited traits has moved not in a linear, progressive way, from error to truth, but instead through a series of frameworks. He reveals how these successive interpretive approaches—focusing on visible structures, internal structures (especially cells), evolution, genes, and DNA and other molecules—each have their own power but also limitations. Fundamentally challenging how the history of biology is told, much as Thomas Kuhn's *Structure of Scientific Revolutions* did for the history of science as a whole, *The Logic of Life* has greatly influenced the way scientists and historians view the past, present, and future of biology.



Locked in Time

Dean R. Lomax

9780231197298

£14.99

Trade Paperback

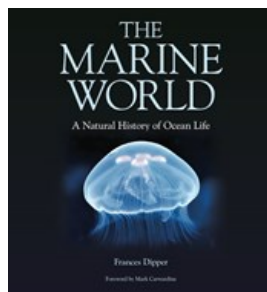
Science / Paleontology

October 2022

Columbia University Press

Fossils allow us to picture the forms of life that inhabited the earth eons ago. But we long to know more: how did these animals actually behave? We are fascinated by the daily lives of our fellow creatures—how they reproduce and raise their young, how they hunt their prey or elude their predators, and more. What would it be like to see prehistoric animals as they lived and breathed?

From dinosaurs fighting to their deaths to elephant-sized burrowing ground sloths, this book takes readers on a global journey deep into the earth's past. *Locked in Time* showcases fifty of the most astonishing fossils ever found, brought together in five fascinating chapters that offer an unprecedented glimpse at the real-life behaviors of prehistoric animals. Dean R. Lomax examines the extraordinary direct evidence of fossils captured in the midst of everyday action, such as dinosaurs sitting on their eggs like birds, Jurassic flies preserved while mating, a *T. rex* infected by parasites. Each fossil, he reveals, tells a unique story about prehistoric life. Many recall behaviors typical of animals familiar to us today, evoking the chain of evolution that links all living things to their distant ancestors. *Locked in Time* allows us to see that fossils are not just inanimate objects: they can record the life stories of creatures as fully alive as any today. Striking and scientifically rigorous illustrations by renowned paleoartist Bob Nicholls bring these breathtaking moments to life.



The Marine World

Frances Dipper

9780957394629

£45.00

Hardcover

Nature / Animals / Marine Life

April 2016

Princeton University Press

The Marine World is a book for everyone with an interest in the ocean, from the marine biologist or student wanting expert knowledge of a particular group to the naturalist or diver exploring the seashore and beyond.

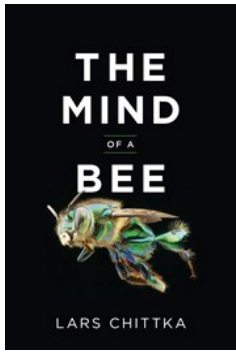
With colour illustrations, line drawings, more than 1,500 colour photographs, and with clear accessible text, this book encompasses all those organisms that live in, on and around the ocean, bringing together in a single text everything from the minuscule to the immense. It includes sections on all but the most obscure marine groups, covering invertebrate phyla from sponges to sea squirts, as well as plants, fungi, bacteria, fish, reptiles, mammals and birds. It incorporates information on identification, distribution, structure, biology, ecology, classification and conservation of each group, addressing the questions of 'what?', 'where?' and 'how?'.

Today global warming, overfishing, ocean acidification and pollution are just a few of the ever increasing number of threats and challenges faced by ocean life. Without knowledge of the animals, plants and other organisms that live in the marine world, we cannot hope to support or implement successful conservation and management measures, nor truly appreciate the incredible wealth and variety of marine life.

The Marine World is the product of a lifetime spent by Frances Dipper happily observing and studying marine organisms the world over. It has been brought to colourful life by a myriad of enthusiastic underwater photographers and by Marc Dando, the renowned natural history illustrator.



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The Mind of a Bee

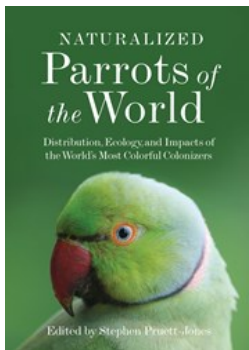
Lars Chittka
9780691180472
£25.00
Hardcover
Nature / Animals / Insects & Spiders
July 2022
Princeton University Press

A rich and surprising exploration of the intelligence of bees

Most of us are aware of the hive mind—the power of bees as an amazing collective. But do we know how uniquely intelligent bees are as individuals? In *The Mind of a Bee*, Lars Chittka draws from decades of research, including his own pioneering work, to argue that bees have remarkable cognitive abilities. He shows that they are profoundly smart, have distinct personalities, can recognize flowers and human faces, exhibit basic emotions, count, use simple tools, solve problems, and learn by observing others. They may even possess consciousness.

Taking readers deep into the sensory world of bees, Chittka illustrates how bee brains are unparalleled in the animal kingdom in terms of how much sophisticated material is packed into their tiny nervous systems. He looks at their innate behaviors and the ways their evolution as foragers may have contributed to their keen spatial memory. Chittka also examines the psychological differences between bees and the ethical dilemmas that arise in conservation and laboratory settings because bees feel and think. Throughout, he touches on the fascinating history behind the study of bee behavior.

Exploring an insect whose sensory experiences rival those of humans, *The Mind of a Bee* reveals the singular abilities of some of the world's most incredible creatures.



Naturalized Parrots of the World

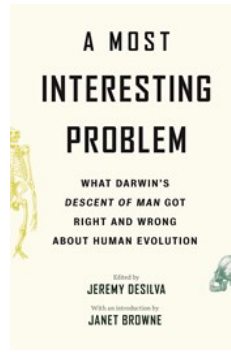
Stephen Pruett-Jones
9780691204413
£38.00
Hardcover
Nature / Birdwatching Guides
August 2021
Princeton University Press

A remarkable exploration of naturalized parrots, among the most widely distributed birds in the world

There are more than 350 species of parrots in the world, and approximately 300 of these species have been transported to other countries through the caged pet trade. Whether through escaped captivity or purposeful release, many of these parrots are now breeding in new habitats. Indeed, no less than 75 species of parrots have established breeding populations in countries where they were introduced, and parrots are now among the most widely distributed group of birds. *Naturalized Parrots of the World* is the first book to examine this specific avian population.

Bringing together the work of leading researchers in one convenient volume, this book explores the biology of naturalized parrots and their interactions with native ecosystems. Experts discuss the global distribution of parrots, their genetics, conservation implications, and human responses to these birds. They also consider debates surrounding management issues and the lack of consensus around nonnative species in the wild. Later chapters feature case studies of the two most successful species—the Rose-ringed Parakeet and Monk Parakeet—as well as studies of the introduced parrot species located in specific countries and regions, including the United States, United Kingdom, Spain, Portugal, northern Europe, South Africa, and Australia.

Highlighting critical aspects of conservation biology and biodiversity, *Naturalized Parrots of the World* will be an invaluable resource for parrot owners, ornithologists, conservation biologists, and birdwatchers.



A Most Interesting Problem

Jeremy Desilva
9780691242064
£16.99
Trade Paperback
Science / Life Sciences / Evolution
November 2022
Princeton University Press

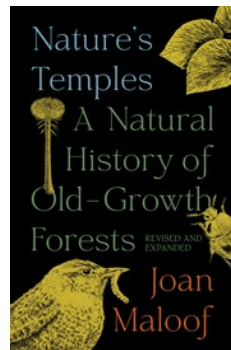
Leading scholars take stock of Darwin's ideas about human evolution in the light of modern science

In 1871, Charles Darwin published *The Descent of Man*, a companion to *Origin of Species* in which he attempted to explain human evolution, a topic he called "the highest and most interesting problem for the naturalist." *A Most Interesting Problem* brings together twelve world-class scholars and science communicators to investigate what Darwin got right—and what he got wrong—about the origin, history, and biological variation of humans.

Edited by Jeremy DeSilva and with an introduction by acclaimed Darwin biographer Janet Browne, *A Most Interesting Problem* draws on the latest discoveries in fields such as genetics, paleontology, bioarchaeology, anthropology, and primatology. This compelling and accessible book tackles the very subjects Darwin explores in *Descent*, including the evidence for human evolution, our place in the family tree, the origins of civilization, human races, and sex differences.

A Most Interesting Problem is a testament to how scientific ideas are tested and how evidence helps to structure our narratives about human origins, showing how some of Darwin's ideas have withstood more than a century of scrutiny while others have not.

A Most Interesting Problem features contributions by Janet Browne, Jeremy DeSilva, Holly Dunsworth, Agustín Fuentes, Ann Gibbons, Yohannes Haile-Selassie, Brian Hare, John Hawks, Suzana Herculano-Houzel, Kristina Killgrove, Alice Roberts, and Michael J. Ryan.



Nature's Temples

Joan Maloof
9780691230504
£16.99
Paperback - with flaps
Nature / Plants / Trees
April 2023
Princeton University Press

An impassioned case for the importance of ancient forests and their preservation

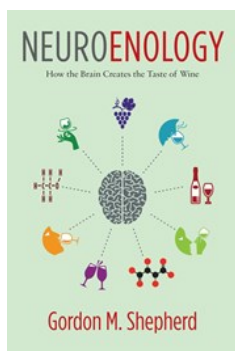
Standing in an old-growth forest, you can instinctively sense the ways it is different from forests shaped by humans. These ancient, undisturbed ecosystems are increasingly rare and largely misunderstood. *Nature's Temples* explores the science and alchemy of old-growth forests and makes a compelling case for their protection.

Many foresters are proponents of forest management, while ecologists and conservation biologists believe that the healthiest forests are those we leave alone. Joan Maloof brings together the scientific data we have about old-growth forests, drawing on diverse fields of study to explain the ecological differences among forests of various ages. She describes the life forms and relationships that make old-growth forests unique—from salamanders and micro-snails to plants that communicate through fungi—and reveals why human attempts to manage forests can never replicate nature's sublime handiwork. This revised and expanded edition also sheds new light on the special role forests play in removing carbon from the atmosphere and shares what we know about the interplay between wildfires and ancient forests.

With drawings by Andrew Joslin that illustrate scientific concepts and capture the remarkable beauty of ancient trees, *Nature's Temples* invites you to discover the power of these fragile realms that are so inextricably connected to our planet, our fellow species, and our spirits.



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Neuroenology

Gordon Shepherd

9780231177009

£20.00

Hardcover

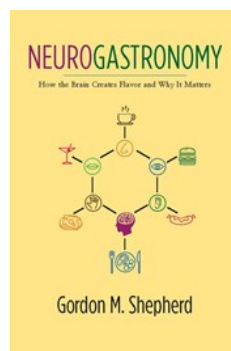
Science / Life Sciences / Neuroscience

November 2016

Columbia University Press

In his new book, Gordon M. Shepherd expands on the startling discovery that the brain creates the taste of wine. This approach to understanding wine's sensory experience draws on findings in neuroscience, biomechanics, human physiology, and traditional enology. Shepherd shows, just as he did in *Neurogastronomy: How the Brain Creates Flavor and Why It Matters*, that creating the taste of wine engages more of the brain than does any other human behavior. He clearly illustrates the scientific underpinnings of this process, along the way enhancing our enjoyment of wine.

Neuroenology is the first book on wine tasting by a neuroscientist. It begins with the movements of wine through the mouth and then consults recent research to explain the function of retronasal smell and its extraordinary power in creating wine taste. Shepherd comprehensively explains how the specific sensory pathways in the cerebral cortex create the memory of wine and how language is used to identify and imprint wine characteristics. Intended for a broad audience of readers—from amateur wine drinkers to sommeliers, from casual foodies to seasoned chefs—*Neuroenology* shows how the emotion of pleasure is the final judge of the wine experience. It includes practical tips for a scientifically informed wine tasting and closes with a delightful account of Shepherd's experience tasting classic Bordeaux vintages with French winemaker Jean-Claude Berrouet of the Chateau Petrus and Dominus Estate.



Neurogastronomy

Gordon Shepherd

9780231159111

£14.99

Trade Paperback

Science / Life Sciences / Neuroscience

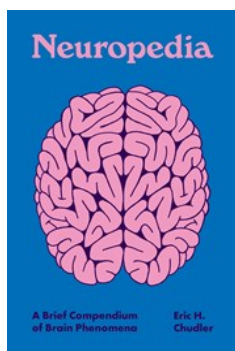
July 2013

Columbia University Press

Leading neuroscientist Gordon M. Shepherd embarks on a paradigm-shifting trip through the "human brain flavor system," laying the foundations for a new scientific field: neurogastronomy. Challenging the belief that the sense of smell diminished during human evolution, Shepherd argues that this sense, which constitutes the main component of flavor, is far more powerful and essential than previously believed.

Shepherd begins *Neurogastronomy* with the mechanics of smell, particularly the way it stimulates the nose from the back of the mouth. As we eat, the brain conceptualizes smells as spatial patterns, and from these and the other senses it constructs the perception of flavor. Shepherd then considers the impact of the flavor system on contemporary social, behavioral, and medical issues. He analyzes flavor's engagement with the brain regions that control emotion, food preferences, and cravings, and he even devotes a section to food's role in drug addiction and, building on Marcel Proust's iconic tale of the madeleine, its ability to evoke deep memories.

Shepherd connects his research to trends in nutrition, dieting, and obesity, especially the challenges that many face in eating healthily. He concludes with human perceptions of smell and flavor and their relationship to the neural basis of consciousness. Everyone from casual diners and ardent foodies to wine critics, chefs, scholars, and researchers will delight in Shepherd's fascinating, scientific-gastronomic adventures.



Neuropedia

Eric H. Chudler

9780691213576

£9.99

Hardcover

Science / Life Sciences / Neuroscience

November 2022

Princeton University Press

A fun and fact-filled A–Z treasury for anyone with a head on their shoulders

Neuropedia journeys into the mysteries and marvels of the three pounds of tissue between your ears—the brain. Eric Chudler takes you on a breathtaking tour of the nervous system with dozens of entries that explore the structure and function of the brain and cover topics such as the spinal cord and nerve cells, the methods of neuroscientific research, and the visionary scientists who have dedicated their lives to understanding what makes each of us who we are.

The brain has fascinated and puzzled researchers, physicians, and philosophers for thousands of years and captivated us with each new discovery. This compendium of neuroscientific wonders is brimming with facts and insights, helping us to make sense of our current understanding of the nervous system while identifying the frontiers in our knowledge that remain unexplored. Chudler guides readers through a variety of rare and common neurological disorders such as alien hand disorder, Capgras syndrome, Alzheimer's disease, Parkinson's disease, and stroke, and discusses the latest brain-imaging methods used to diagnose them. He discusses neurochemicals, neurotoxins, and lifesaving drugs, and offers bold perspectives on human consciousness that enable us to better appreciate our place in nature.

With marvelous illustrations by Kelly Chudler, *Neuropedia* is an informative and entertaining trip into the inner world of the brain.



The Neuroscience of Emotion

Ralph Adolphs

9780691174082

£42.00

Hardcover

Science / Life Sciences / Neuroscience

June 2018

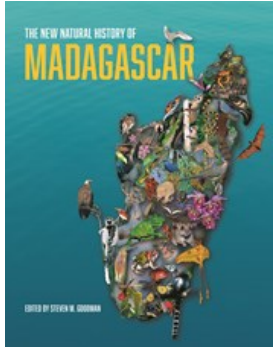
Princeton University Press

A new framework for the neuroscientific study of emotions in humans and animals

The Neuroscience of Emotion presents a new framework for the neuroscientific study of emotion across species. Written by Ralph Adolphs and David J. Anderson, two leading authorities on the study of emotion, this accessible and original book recasts the discipline and demonstrates that in order to understand emotion, we need to examine its biological roots in humans and animals. Only through a comparative approach that encompasses work at the molecular, cellular, systems, and cognitive levels will we be able to comprehend what emotions do, how they evolved, how the brain shapes their development, and even how we might engineer them into robots in the future.

Showing that emotions are ubiquitous across species and implemented in specific brain circuits, Adolphs and Anderson offer a broad foundation for thinking about emotions as evolved, functionally defined biological states. The authors discuss the techniques and findings from modern neuroscientific investigations of emotion and conclude with a survey of theories and future research directions.

Featuring color illustrations throughout, *The Neuroscience of Emotion* synthesizes the latest in neuroscientific work to provide deeper insights into how emotions function in all of us.



The New Natural History of Madagascar

Steven M. Goodman

9780691222622

£146.00

Hardcover

Science / Life Sciences / Biological Diversity

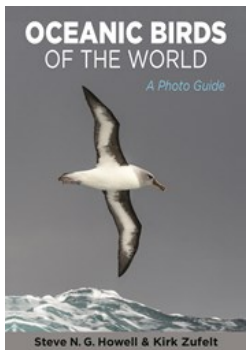
November 2022

Princeton University Press

A marvelously illustrated reference to the natural wonders of one of the most spectacular places on earth

Separated from Africa's mainland for tens of millions of years, Madagascar has evolved a breathtaking wealth of biodiversity, becoming home to thousands of species found nowhere else on the planet. *The New Natural History of Madagascar* provides the most comprehensive, up-to-date synthesis available of this island nation's priceless biological treasures. Now fully revised and expanded, this beautifully illustrated compendium features contributions by more than 600 globally renowned experts who cover the history of scientific exploration in Madagascar, as well as the island's geology and soils, climate, forest ecology, human ecology, marine and coastal ecosystems, plants, invertebrates, fishes, amphibians, reptiles, birds, and mammals. This invaluable two-volume reference also includes detailed discussions of conservation efforts in Madagascar that showcase several successful protected area programs that can serve as models for threatened ecosystems throughout the world.

- Provides the most comprehensive overview of Madagascar's rich natural history
- Coedited by 18 different specialists
- Features hundreds of new contributions by world-class experts
- Includes hundreds of new illustrations
- Covers a broad array of topics, from geology and climate to animals, plants, and marine life
- Sheds light on newly discovered species and draws on the latest science
- An essential resource for anyone interested in Madagascar or tropical ecosystems in general, from biologists and conservationists to ecotourists and armchair naturalists



Oceanic Birds of the World

Steve N. G. Howell

9780691175010

£30.00

Trade Paperback

Nature / Birdwatching Guides

August 2019

Princeton University Press

A state-of-the-art photographic field guide to the world's oceanic birds

Oceanic birds are among the most remarkable but least known of all birds, living at sea, far from the sight of most people. They offer unusual identification challenges—many species look similar and it can be difficult to get good views of fast-flying birds from a moving boat. The first field guide to the world's oceanic birds in more than two decades, this exciting and authoritative book draws on decades of firsthand experience on the open seas. It features clear text filled with original insights and new information and more than 2,200 carefully chosen color images that bring the ocean and its remarkable winged inhabitants to life. Never before have oceanic birds been presented in such an accessible and comprehensive way.

The introduction discusses the many recent developments in seabird taxonomy, which are incorporated into the species accounts, and these accounts are arranged into groups that aid field identification. Each group and species complex has an introductory overview of its identification challenges, illustrated with clear comparative photos. The text describes flight manner, plumage variation related to age and molt, seasonal occurrence patterns, migration routes, and many other features.

The result is an indispensable guide for exploring birding's last great frontier.

- A comprehensive, authoritative, and accessible guide to oceanic birds
- Covers more than 270 species
- Includes more than 2,200 color photos with concise captions noting key features
- Features careful species comparisons, overviews of the latest taxonomy, tips on how to observe and ID birds at sea, and much more



Nudibranchs of Britain, Ireland and Northwest Europe

Bernard Picton

9780691208794

£25.00

Trade Paperback

Nature / Animals / Marine Life

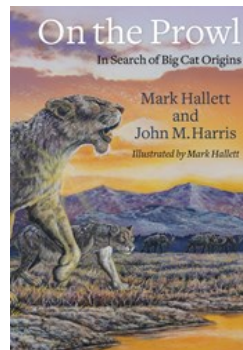
September 2023

Princeton University Press

A strikingly illustrated photographic identification guide to sea slugs in all their colourful variety

Nudibranchs, or sea slugs, are a group of marine gastropod molluscs whose adults lack shells, an evolutionary loss that has led to a wide variety of body shapes, colours and colour patterns, making them popular with divers and underwater photographers. In this book, experienced nudibranch experts Bernard Picton and Christine Morrow provide an accessible and authoritative photographic identification guide for anyone interested in finding and identifying nudibranchs in the coastal waters of Britain, Ireland and Northwest Europe.

- Covers more than 140 species, each on its own two-page spread
- Includes *in situ* photos to aid finding nudibranchs under water and on the shore
- Features photos of nudibranchs' distinctive spawn coils and studio photos showing detailed anatomy
- Presents key distinguishing features and essential information on size, habitat, diet and distribution



On the Prowl

Mark Hallett

9780231184502

£28.00

Hardcover

Science / Life Sciences / Evolution

June 2020

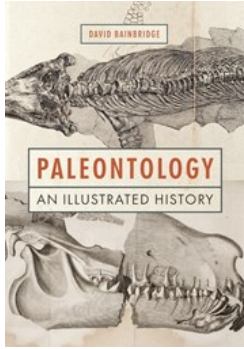
Columbia University Press

Big cats such as lions, tigers, leopards, and jaguars fascinate us like few other creatures. They are enduring symbols of natural majesty and power. Yet despite the magnetic appeal of the big cats, their origins and evolutionary history remain poorly understood—and human activity threatens to put an end to the big cats' glory.

On the Prowl is a fully illustrated and approachable guide to the evolution of the big cats and what it portends for their conservation today. Mark Hallett and John M. Harris trace the origins of these iconic carnivores, venturing down the evolutionary pathways that produced the diversity of big cat species that have walked the earth. They place the evolution and paleobiology of these species in the context of ancient ecosystems and climates, explaining what made big cats such efficient predators and analyzing their competition with other animals. Hallett and Harris pay close attention to human impact, from the evidence of cave paintings and analysis of ancient extinctions up to present-day crises. Their engaging and carefully documented account is brought to life through Hallett's detailed, vivid illustrations, based on the most recent research by leading paleontologists. Offering a fresh look at the rise of these majestic animals, *On the Prowl* also makes a powerful case for renewed efforts to protect big cats and their habitats before it is too late.



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Paleontology

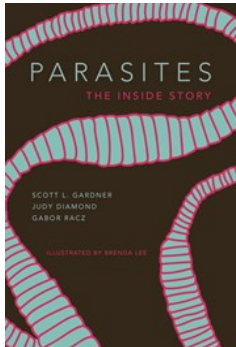
David Bainbridge
9780691220925
£25.00
Hardcover
Science / Paleontology
February 2022
Princeton University Press

An illustrated look at the art and science of paleontology from its origins to today

Humans have been stumbling upon the petrified remains of ancient animals since prehistoric times, leading to tales of giant dogs, deadly dragons, tree gods, sea serpents, and all manner of strange and marvelous creatures. In this richly illustrated book, David Bainbridge recounts how legends like these gradually gave rise to the modern science of paleontology, and how this pioneering discipline has reshaped our view of the natural world.

Bainbridge takes readers from ancient Greece to the eighteenth century, when paleontology began to coalesce into the scientific field we know today, and discusses how contemporary paleontologists use cutting-edge technologies to flesh out the discoveries of past and present. He brings to life the stories and people behind some of the greatest fossil finds of all time, and explains how paleontology has long straddled the spheres of science and art. Bainbridge also looks to the future of the discipline, discussing how the rapid recovery of DNA and other genetic material from the fossil record promises to revolutionize our understanding of the origins and evolution of ancient life.

This panoramic book brings together stunning illustrations ranging from early sketches and engravings to eye-popping paleoart and high-tech computer reconstructions.



Parasites

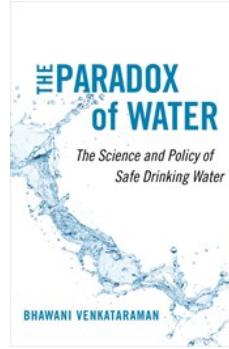
Scott Lyell Gardner
9780691206875
£25.00
Hardcover
Science / Life Sciences / Ecology
November 2022
Princeton University Press

An exciting look at the essential roles that parasites play in Earth's ecosystems

This book looks at the weird and wonderful world of parasites, the most abundant form of life on Earth. Parasites come in all forms and sizes and inhabit every free-living organism. Parasitism is now, and always has been, a way to survive under changing environmental conditions. From arctic oceans to tropical forests, Scott Gardner, Judy Diamond, and Gabor Racz investigate how parasites survive and evolve, and how they influence and provide stability to ecosystems.

Taking readers to the open ranges of Mongolia, the Sandhills of north-central Nebraska, the Andes of Bolivia, and more, the authors examine the impact parasites have on humans and other animals. Using examples of parasites from throughout the tree of life, the authors describe parasite-host relationships as diverse as those between trematodes and snails and tapeworms and whales. They even consider the strange effects of thorny-headed worms on their hosts. Parasites offer clues to the evolutionary history of particular regions, and they can provide insights into the history of species interactions. Through parasites, biologists can weave together a global knowledge of the past to predict the challenges that we will face in the future.

Revealing that parasites are so much more than creepy-crawlies, this book gives up-to-date context for these critical members of the biological diversity of our planet.



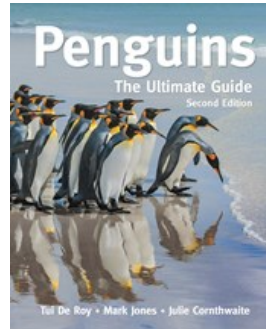
The Paradox of Water

Bhawani Venkataraman
9780520343443
£18.99
Trade Paperback
Nature / Natural Resources
January 2023
University of California Press

Water is a molecular marvel. Its seemingly simple formula—H₂O—dictates the properties that make water both essential for life and easily contaminated. Herein lies the paradox of water: we cannot live without it, but it is easily rendered “unsafe.” *The Paradox of Water* explores the intersection of the scientific, social, and policy implications around access to safe drinking water. Drinking water is the smallest fraction of water used by a nation. Yet, the quality of this fraction is what dictates whether a community is healthy, educated, and economically sustained.

Bhawani Venkataraman argues that a deeper understanding of the chemical nature of water is crucial to appreciating the challenges around access to safe drinking water. Drawing on recent research and case studies from the US and abroad, this book offers students an understanding of:

- the processes and oversight needed to ensure the safety of drinking water
- the role of the precautionary principle in managing drinking water
- potential solutions for expanding sustainable and equitable access to safe drinking water



Penguins

Tui De Roy
9780691233574
£30.00
Hardcover
Nature / Animals / Birds
April 2022
Princeton University Press

An acclaimed photographic guide to these marvelous and enigmatic birds—now in a new, updated edition

Penguins are perhaps the most beloved birds. On land, their behavior appears so humorous and expressive that we can be excused for attributing to them moods and foibles similar to our own. Few realize how complex and mysterious their private lives truly are, as most of their existence takes place far from our prying eyes, hidden beneath the ocean waves. Now in a new, updated edition, this stunningly illustrated book provides a unique look at these extraordinary creatures and the cutting-edge science that is helping us to better understand them. Featuring more than 400 breathtaking photos, this is the ultimate guide to all 18 species of penguins, including those with retiring personalities or nocturnal habits that tend to be overlooked and rarely photographed. This revised second edition features updated scientific information and some spectacular new photographs.

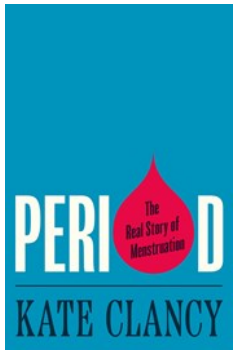
Penguins is the most ambitious book to date by Tui De Roy, Mark Jones, and Julie Cornthwaite. Their travels, spanning more than two decades, have seen them crisscross the southern hemisphere to virtually everywhere that penguins are found, from the sun-baked lava shores of the Galápagos to some of the remotest subantarctic islands, as well as all around the Antarctic continent, where Emperor penguins breed on the deep-frozen sea.

A book that no bird enthusiast or armchair naturalist should do without, *Penguins* includes discussions of penguin conservation, informative species profiles, fascinating penguin facts, and tips on where to see penguins in the wild.

- Covers all 18 species of the world's penguins
- Features more than 400 stunning photos
- Explores the latest science on penguins and their conservation
- Includes informative species profiles and fascinating penguin facts



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Period

Kate Clancy
9780691191317
£22.00
Hardcover
Science / Life Sciences / Biology
April 2023
Princeton University Press

A bold and revolutionary perspective on the science and cultural history of menstruation

Menstruation is something half the world does for a week at a time, for months and years on end, yet it remains largely misunderstood. Scientists once thought of an individual's period as useless, and some doctors still believe it's unsafe for a menstruating person to swim in the ocean wearing a tampon. *Period* counters the false theories that have long defined the study of the uterus, exposing the eugenic history of gynecology while providing an intersectional feminist perspective on menstruation science.

Blending interviews and personal experience with engaging stories from her own pioneering research, Kate Clancy challenges a host of myths and false assumptions. There is no such a thing as a "normal" menstrual cycle. In fact, menstrual cycles are incredibly variable and highly responsive to environmental and psychological stressors. Clancy takes up a host of timely issues surrounding menstruation, from bodily autonomy, menstrual hygiene, and the COVID-19 vaccine to the ways racism, sexism, and medical betrayal warp public perceptions of menstruation and erase it from public life.

Offering a revelatory new perspective on one of the most captivating biological processes in the human body, *Period* will change the way you think about the past, present, and future of periods.



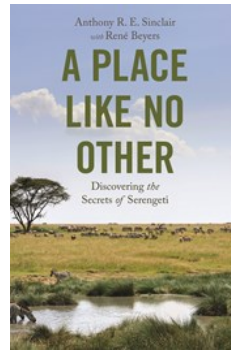
Plant Atlas 2020

P. A. Stroh
9780691247595
£132.00
Hardcover
Nature / Plants / Flowers
July 2023
Princeton University Press

An authoritative two-volume overview of the distribution of the wild plants of Great Britain and Ireland

Plant Atlas 2020 presents the results of field surveys by the Botanical Society of Britain and Ireland, building on past atlas surveys undertaken by the Botanical Society in the early and late twentieth century. Drawing on the work of thousands of botanists who covered the entirety of Britain and Ireland between 2000 and 2019, this two-volume book features introductory chapters that provide a detailed assessment of the changes to the region's flora over the past hundred years. Distribution maps and accompanying text and graphics display the phenology, altitudinal range, and time-series trends for 2,616 native and alien species and 247 hybrids. With more than 30 million records gathered during the project, *Plant Atlas 2020* will serve as an essential resource for the study and conservation of these wild plants and their vitally important habitats for decades to come.

- The most in-depth survey of British and Irish flora ever undertaken, based on more than 30 million individual records
- Covers 2,616 native and alien species and 247 hybrids
- Features a wealth of distribution maps and infographics, accompanied by informative text
- A must-have reference book for botanists, field naturalists, conservation organizations, government agencies, and anyone interested in the diverse plant life of Great Britain and Ireland



A Place like No Other

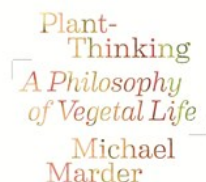
Anthony R. E. Sinclair
9780691222332
£25.00
Hardcover
Science / Life Sciences / Biology
October 2021
Princeton University Press

From famed zoologist Anthony Sinclair, an account of his decades-long quest to understand one of Earth's most spectacular ecosystems

With its rich biodiversity, astounding wildlife, and breathtaking animal migrations, Serengeti is like no other ecosystem on the planet. *A Place like No Other* is Anthony Sinclair's firsthand account of how he and other scientists discovered the biological principles that regulate life in Serengeti and how they rule all of the natural world.

When Sinclair first began studying this spectacular ecosystem in 1965, a host of questions confronted him. What environmental features make its annual migration possible? What determines the size of animal populations and the stunning diversity of species? What factors enable Serengeti to endure over time? In the five decades that followed, Sinclair and others sought answers. What they learned is that seven principles of regulation govern all natural processes in the Serengeti ecosystem. Sinclair shows how these principles can help us to understand and overcome the challenges facing Serengeti today, and how they can be used to repair damaged habitats throughout the world.

Blending vivid storytelling with invaluable scientific insights from Sinclair's pioneering fieldwork in Africa, *A Place like No Other* reveals how Serengeti holds timely lessons for the restoration and conservation of our vital ecosystems.



Plant-Thinking

Michael Marder
9780231161251
£28.00
Trade Paperback
Nature / Animal Rights
February 2013
Columbia University Press

The margins of philosophy are populated by non-human, non-animal living beings, including plants. While contemporary philosophers tend to refrain from raising ontological and ethical concerns with vegetal life, Michael Marder puts this life at the forefront of the current deconstruction of metaphysics. He identifies the existential features of plant behavior and the vegetal heritage of human thought so as to affirm the potential of vegetation to resist the logic of totalization and to exceed the narrow confines of instrumentality. Reconstructing the life of plants "after metaphysics," Marder focuses on their unique temporality, freedom, and material knowledge or wisdom. In his formulation, "plant-thinking" is the non-cognitive, non-ideational, and non-imagistic mode of thinking proper to plants, as much as the process of bringing human thought itself back to its roots and rendering it plantlike.



Plastic Free

Rebecca Prince-Ruiz

9780231198639

£18.99

Trade Paperback

Nature / Environmental Conservation &
Protection

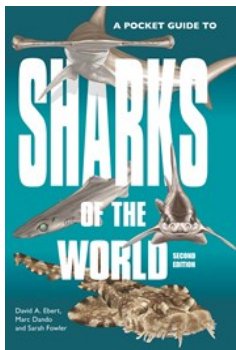
May 2023

Columbia University Press

In July 2011, Rebecca Prince-Ruiz challenged herself to go plastic free for the whole month. Starting with a small group of people in the city of Perth, the Plastic Free July movement has grown into a 250-million strong community across 177 countries, empowering people to reduce single-use plastic consumption and create a cleaner future.

This book explores how one of the world's leading environmental campaigns took off and shares lessons from its success. From narrating marine-debris research expeditions to tracking what actually happens to our waste to sharing insights from behavioral research, it speaks to the massive scale of the plastic waste problem and how we can tackle it together. Interweaving interviews from participants, activists, and experts, *Plastic Free* tells the inspiring story of how ordinary people have created change in their homes, communities, workplaces, schools, businesses, and beyond.

It is easy to feel overwhelmed in the face of global environmental problems and wonder what difference our own actions could possibly make. *Plastic Free* offers hope for the future through the stories of those who have taken on what looked like an insurmountable challenge and succeeded in innovative and practical ways, one step—and one piece of plastic—at a time.



A Pocket Guide to Sharks of the World

David A. Ebert

9780691218748

£16.99

Paperback - with flaps

Nature / Animals / Marine Life

August 2021

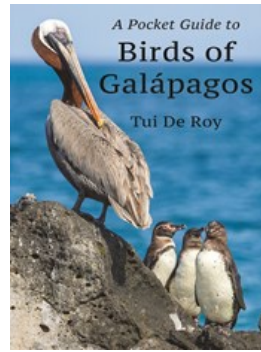
Princeton University Press

An updated and comprehensive guide identifying all of the world's sharks

Sharks are some of the most misunderstood animals on the planet. We still have a lot to learn about these fascinating creatures, which are more seriously threatened with extinction and in greater need of conservation and management than any other major group of vertebrates.

A Pocket Guide to Sharks of the World is the only field guide to identify, illustrate, and describe every known shark species. Its compact format makes it handy for many situations, including recognizing living species, fishery catches, or parts sold at markets. This expanded second edition presents lavish images, details on newly discovered species, and updated text throughout. The book contains useful sections on identifying shark teeth and the shark fins most commonly encountered in the fin trade, and takes a look at shark biology, ecology, and conservation. *A Pocket Guide to Sharks of the World* will be an essential resource and definitive reference for years to come.

- An updated guide to all of the world's sharks
- Each species is illustrated and described
- Handy, compact format with concise text
- Useful sections on the identification of shark teeth and fins



A Pocket Guide to Birds of Galápagos

Tui De Roy

9780691233635

£14.99

Flexibound

Nature / Animals / Birds

November 2022

Princeton University Press

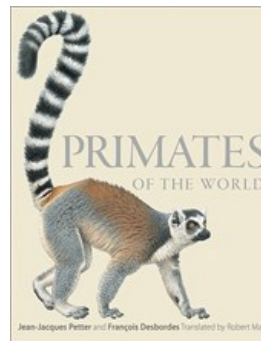
A compact, richly illustrated photographic field guide to all of the birds of Galápagos, from renowned photographer and writer Tui De Roy

A lifelong resident of Galápagos, Tui De Roy has been observing, studying, and photographing the islands' astonishing birdlife for sixty years. In *A Pocket Guide to Birds of Galápagos*, she distills everything she has learned to create a one-of-a-kind field guide that every birder visiting the archipelago will want to carry with them wherever they go.

A compact yet comprehensive combination of field guide and natural history, the book features more than 600 of De Roy's superb photographs and is packed with detailed, easy-to-access information in bullet-point format. Every resident bird species is fully described and abundantly illustrated, showing different aspects of their life cycle, habitat, and behavior. And the islands' most iconic bird group—Darwin's Finches—is given special attention. With precise descriptions including plumage and beak variations, the book corrects many common identification errors about this group.

Unique in design and content, *A Pocket Guide to Birds of Galápagos* is a must-have for all wildlife enthusiasts traveling to this fabled archipelago—and anyone who wants to better understand its spectacular birds.

- A compact yet comprehensive photographic identification guide
- Covers all resident species and frequent migrants
- Features more than 600 of Tui De Roy's superb color photographs
- Includes distribution maps and easy-to-find information for identifying and understanding each species, including life cycles, habits, range, and conservation status



Primates of the World

Jean-Jacques Petter

9780691156958

£25.00

Hardcover

Nature / Animals / Primates

August 2013

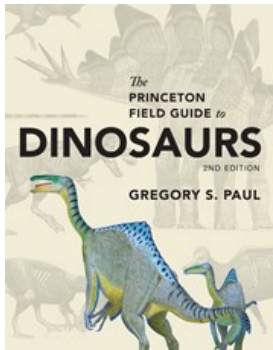
Princeton University Press

The essential illustrated guide to the world's primates

This stunningly illustrated guide to the world's primates covers nearly 300 species, from the feather-light and solitary pygmy mouse lemurs of Madagascar—among the smallest primates known to exist—to the regal mountain gorillas of Africa. Organized by region and spanning every family of primates on Earth, the book features 72 splendid color plates, facing-page descriptions of key features of each family, and 86 color distribution maps.

Primates of the World also includes concise introductory chapters that discuss the latest findings on primate origins and evolution, behavior and adaptations, and classification, making it the most comprehensive and up-to-date primate guide available.

- Covers nearly 300 species and every family of primates worldwide
- Features 72 color plates—the finest illustrations of primates ever produced
- Includes facing-page descriptions for each family and 86 color distribution maps
- The most comprehensive and up-to-date guide to the world's primates



The Princeton Field Guide to Dinosaurs

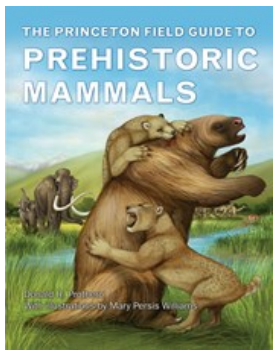
Gregory S. Paul
9780691167664
£30.00
Hardcover
Nature / Animals / Dinosaurs & Prehistoric Creatures
November 2016
[Princeton University Press](#)

A fully updated and expanded new edition of the acclaimed, bestselling dinosaur field guide

The bestselling *Princeton Field Guide to Dinosaurs* remains the must-have book for anyone who loves dinosaurs, from amateur enthusiasts to professional paleontologists. Now extensively revised and expanded, this dazzlingly illustrated large-format edition features some 100 new dinosaur species and 200 new and updated illustrations, bringing readers up to the minute on the latest discoveries and research that are radically transforming what we know about dinosaurs and their world.

Written and illustrated by acclaimed dinosaur expert Gregory Paul, this stunningly beautiful book includes detailed species accounts of all the major dinosaur groups as well as nearly 700 color and black-and-white images—skeletal drawings, "life" studies, scenic views, and other illustrations that depict the full range of dinosaurs, from small feathered creatures to whale-sized supersauropods. Paul's extensively revised introduction delves into dinosaur history and biology, the extinction of nonavian dinosaurs, the origin of birds, and the history of dinosaur paleontology, as well as giving a taste of what it might be like to travel back in time to the era when dinosaurs roamed the earth.

- Now extensively revised and expanded
- Covers nearly 750 dinosaur species, including scores of newly discovered ones
- Provides startling new perspectives on the famed *Brontosaurus* and *Tyrannosaurus*
- Features nearly 700 color and black-and-white drawings and figures, including life studies, scenic views, and skull and muscle drawings
- Includes color paleo-distribution maps and a color time line
- Describes anatomy, physiology, locomotion, reproduction, and growth of dinosaurs, as well as the origin of birds and the extinction of nonavian dinosaurs



The Princeton Field Guide to Prehistoric Mammals

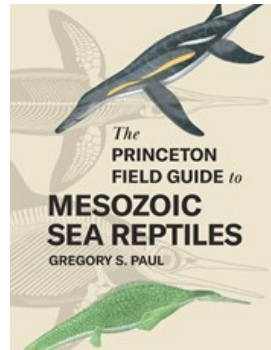
Donald R. Prothero
9780691156828
£30.00
Hardcover
Nature / Animals / Dinosaurs & Prehistoric Creatures
December 2016
[Princeton University Press](#)

The ultimate illustrated guide to the lost world of prehistoric mammals

After the mass extinction of the dinosaurs 65 million years ago, mammals became the dominant terrestrial life form on our planet. Roaming the earth were spectacular beasts such as saber-toothed cats, giant mastodons, immense ground sloths, and gigantic giraffe-like rhinoceroses. Here is the ultimate illustrated field guide to the lost world of these weird and wonderful prehistoric creatures.

A woolly mammoth probably won't come thundering through your vegetable garden any time soon. But if one did, this would be the book to keep on your windowsill next to the binoculars. It covers all the main groups of fossil mammals, discussing taxonomy and evolutionary history, and providing concise accounts of the better-known genera and species as well as an up-to-date family tree for each group. No other book presents such a wealth of new information about these animals—what they looked like, how they behaved, and how they were interrelated. In addition, this unique guide is stunningly illustrated throughout with full-color reconstructions of these beasts—many never before depicted—along with photographs of amazing fossils from around the world.

- Provides an up-to-date guidebook to hundreds of extinct species, from saber-toothed cats to giant mammoths
- Features a wealth of color illustrations, including new reconstructions of many animals never before depicted
- Demonstrates evolution in action—such as how whales evolved from hooved mammals and how giraffes evolved from creatures with short necks
- Explains how mass extinctions and climate change affected mammals, including why some mammals grew so huge



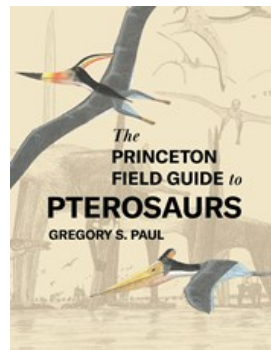
The Princeton Field Guide to Mesozoic Sea Reptiles

Gregory S. Paul
9780691193809
£30.00
Hardcover
Nature / Animals / Dinosaurs & Prehistoric Creatures
October 2022
[Princeton University Press](#)

An authoritative illustrated guide to the mighty reptiles that dominated the seas of the Mesozoic for 185 million years

New discoveries are revealing that many ancient oceangoing reptiles were energetic animals capable of inhabiting an array of watery habitats and climates, including polar winters. *The Princeton Field Guide to Mesozoic Sea Reptiles* provides the most up-to-date and comprehensive coverage of the great Mesozoic groups that commanded the seas for tens of millions of years. This incredible field guide covers 435 species and features stunning illustrations of swimming reptiles ranging in size from little lizards to others with great necks longer than their bodies. It discusses the history of sea reptiles through 185 million years of the Mesozoic, their anatomy, physiology, locomotion, reproduction and growth, and extinction, and even gives a taste of what it might be like to travel back to the Mesozoic. This one-of-a-kind guide also challenges the common image of these reptiles as giants of the prehistoric waters, showing how the largest weighed far less than today's biggest whales.

- Features detailed species accounts of 435 different kinds of sea reptiles, with the latest size and mass estimates
- Written and illustrated by the acclaimed researcher and artist who helped to redefine our understanding of dinosaur anatomy
- Describes placodonts, plesiosaurs, ichthyosaurs, mosasaurs, sea snakes, sea turtles, marine crocs, and more
- Covers everything from biology to the colorful history of sea reptile paleontology
- Includes dozens of original skeletal drawings and full-color life scenes



The Princeton Field Guide to Pterosaurs

Gregory S. Paul
9780691180175
£25.00
Hardcover
Nature / Animals / Dinosaurs & Prehistoric Creatures
June 2022
[Princeton University Press](#)

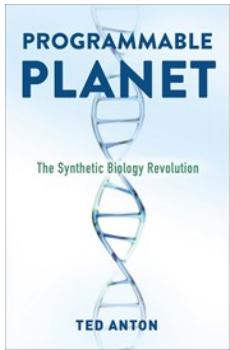
The most up-to-date and authoritative illustrated guide to the marvelous flying reptiles that dominated the skies of the Mesozoic for 160 million years

Once seen by some as evolutionary dead-enders, pterosaurs were vigorous winged reptiles capable of thriving in an array of habitats and climates, including polar winters. *The Princeton Field Guide to Pterosaurs* transforms our understanding of these great Mesozoic archosaurs of the air. This incredible guide covers 115 pterosaur species and features stunning illustrations of pterosaurs ranging in size from swallows to small sailplanes, some with enormous, bizarre head crests and elongated beaks. It discusses the history of pterosaurs through 160 million years of the Mesozoic—including their anatomy, physiology, locomotion, reproduction, growth, and extinction—and even gives a taste of what it might be like to travel back to the Mesozoic. This one-of-a-kind guide also challenges the common image of big pterosaurs as ultralights that only soared, showing how these spectacular creatures could be powerful flappers as heavy as bears.

- Features detailed species accounts of 115 different kinds of pterosaurs, with the latest size and mass estimates
- Written and illustrated by the acclaimed researcher and artist who helped to redefine the anatomy and flight performance of pterosaurs
- Covers everything from pterosaur biology to the colorful history of pterosaur paleontology
- Includes dozens of original skeletal drawings and full-color life studies



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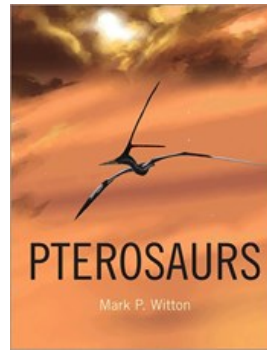


Programmable Planet

Ted Anton
9780231205108
£28.00
Hardcover
Science / Life Sciences / Biology
July 2023
[Columbia University Press](#)

A new science is reengineering the fabric of life. Synthetic biology offers bold new ways of manufacturing medicines, clothing, foods, fragrances, and fuels, often using microbe fermentation, much like brewing beer. The technology can help confront climate change, break down industrial pollutants, and fight novel viruses. Today, researchers are manipulating life forms and automating evolution to create vegetarian “meat,” renewable construction materials, and cancer treatments. In the process, they are changing our concept of what life science can achieve. Is this a new industrial and information revolution—or dangerous tinkering that could unleash unintended consequences?

Programmable Planet is a grand tour through the world of synthetic biology, telling the stories of the colorful visionaries whose ideas are shaping discoveries. Ted Anton explores the field from its beginning in fighting malaria in Africa to the COVID vaccines and beyond. Covering medical and agricultural triumphs and blunders, he examines successes in energy production, plant gene editing, and chemical manufacturing, as well as the most controversial attempts at human gene enhancement. This book reports from the front lines of research, showing policy makers’ struggle to stay abreast of the technologies they aim to regulate. Even-handed, lively, and informative, *Programmable Planet* gives a glimpse of the promise and problems of a new biology-based industry.



Pterosaurs

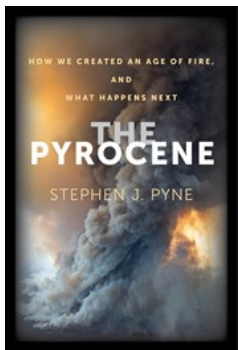
Mark P. Witton
9780691150611
£30.00
Hardcover
Science / Paleontology
June 2013
[Princeton University Press](#)

The most authoritative illustrated book on flying reptiles available

For 150 million years, the skies didn't belong to birds—they belonged to the pterosaurs. These flying reptiles, which include the pterodactyls, shared the world with the nonavian dinosaurs until their extinction 65 million years ago. Some pterosaurs, such as the giant azhdarchids, were the largest flying animals of all time, with wingspans exceeding thirty feet and standing heights comparable to modern giraffes. This richly illustrated book takes an unprecedented look at these astonishing creatures, presenting the latest findings on their anatomy, ecology, and extinction.

Pterosaurs features some 200 stunning illustrations, including original paintings by Mark Witton and photos of rarely seen fossils. After decades of mystery, paleontologists have finally begun to understand how pterosaurs are related to other reptiles, how they functioned as living animals, and, despite dwarfing all other flying animals, how they managed to become airborne. Here you can explore the fossil evidence of pterosaur behavior and ecology, learn about the skeletal and soft-tissue anatomy of pterosaurs, and consider the newest theories about their cryptic origins. This one-of-a-kind book covers the discovery history, paleobiogeography, anatomy, and behaviors of more than 130 species of pterosaur, and also discusses their demise at the end of the Mesozoic.

- The most comprehensive book on pterosaurs ever published
- Features some 200 illustrations, including original paintings by the author
- Covers every known species and major group of pterosaurs
- Describes pterosaur anatomy, ecology, behaviors, diversity, and more



The Pyrocene

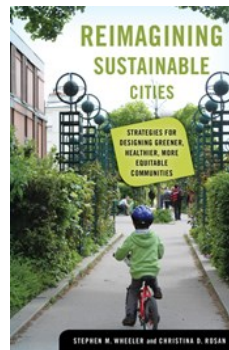
Stephen J. Pyne
9780520383586
£23.00
Hardcover
Nature / Environmental Conservation & Protection
September 2021
[University of California Press](#)

A provocative rethinking of how humans and fire have evolved together over time—and our responsibility to reorient this relationship before it's too late.

The Pyrocene tells the story of what happened when a fire-wielding species, humanity, met an especially fire-receptive time in Earth's history. Since terrestrial life first appeared, flames have flourished. Over the past two million years, however, one genus gained the ability to manipulate fire, swiftly remaking both itself and eventually the world. We developed small guts and big heads by cooking food; we climbed the food chain by cooking landscapes; and now we have become a geologic force by cooking the planet.

Some fire uses have been direct: fire applied to convert living landscapes into hunting grounds, forage fields, farms, and pastures. Others have been indirect, through pyrotechnologies that expanded humanity's reach beyond flame's grasp. Still, preindustrial and Indigenous societies largely operated within broad ecological constraints that determined how, and when, living landscapes could be burned. These ancient relationships between humans and fire broke down when people began to burn fossil biomass—lithic landscapes—and humanity's firepower became unbounded. Fire-catalyzed climate change globalized the impacts into a new geologic epoch. The Pleistocene yielded to the Pyrocene.

Around fires, across millennia, we have told stories that explained the world and negotiated our place within it. *The Pyrocene* continues that tradition, describing how we have remade the Earth and how we might recover our responsibilities as keepers of the planetary flame.



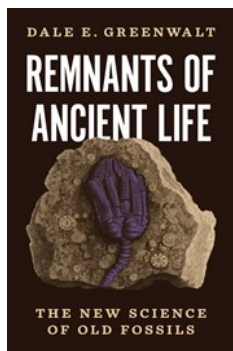
Reimagining Sustainable Cities

Stephen M. Wheeler
9780520381216
£23.00
Hardcover
Nature / Environmental Conservation & Protection
December 2021
[University of California Press](#)

A cutting-edge, solutions-oriented analysis of how we can reimagine cities around the world to build sustainable futures.

What would it take to make urban places greener, more affordable, more equitable, and healthier for everyone? In recent years, cities have stepped up efforts to address climate and sustainability crises. But progress has not been fast enough or gone deep enough. If communities are to thrive in the future, we need to quickly imagine and implement an entirely new approach to urban development: one that is centered on equity and rethinks social, political, and economic systems as well as urban designs. With attention to this need for structural change, *Reimagining Sustainable Cities* advocates for a community-informed model of racially, economically, and socially just cities and regions. The book aims to rethink urban sustainability for a new era.

In *Reimagining Sustainable Cities*, Stephen M. Wheeler and Christina D. Rosan ask big-picture questions of interest to readers worldwide: How do we get to carbon neutrality? How do we adapt to a climate-changed world? How can we create affordable, inclusive, and equitable cities? While many books dwell on the analysis of problems, *Reimagining Sustainable Cities* prioritizes solutions-oriented thinking—surveying historical trends, providing examples of constructive action worldwide, and outlining alternative problem-solving strategies. Wheeler and Rosan use a social ecology lens and draw perspectives from multiple disciplines. Positive, readable, and constructive in tone, *Reimagining Sustainable Cities* identifies actions ranging from urban design to institutional restructuring that can bring about fundamental change and prepare us for the challenges ahead.



Remnants of Ancient Life

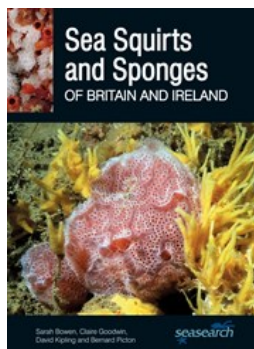
Dale E. Greenwalt
9780691221144
£22.00
Hardcover
Nature / Fossils
January 2023
[Princeton University Press](#)

The revolution in science that is transforming our understanding of extinct life

We used to think of fossils as being composed of nothing but rock and minerals, all molecular traces of life having vanished long ago. We were wrong. *Remnants of Ancient Life* reveals how the new science of ancient biomolecules—pigments, proteins, and DNA that once functioned in living organisms tens of millions of years ago—is opening a new window onto the evolution of life on Earth.

Paleobiologists are now uncovering these ancient remnants in the fossil record with increasing frequency, shedding vital new light on long-extinct creatures and the lost world they inhabited. Dale Greenwalt is your guide to these astonishing breakthroughs. He explains how ancient biomolecules hold the secrets to how mammoths dealt with the bitter cold, what colors dinosaurs exhibited in mating displays, how ancient viruses evolved to become more dangerous, and much more. Each chapter discusses different types of biomolecules and the insights they provide about the physiology, behavior, and evolution of extinct organisms, many of which existed long before the age of dinosaurs.

A marvelous adventure of discovery, *Remnants of Ancient Life* offers an unparalleled look at an emerging science that is transforming our picture of the remote past. You will never think of fossils in the same way again.



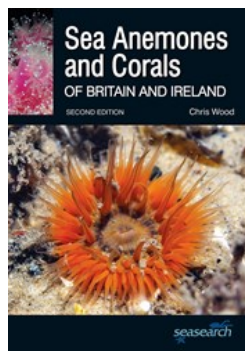
Sea Squirts and Sea Sponges of Britain and Ireland

Sarah Bowen
9780995567382
£18.99
Trade Paperback
Nature / Animals / Marine Life
July 2018
[Princeton University Press](#)

Sea squirts and sponges are found in most seafloor habitats around the coasts of Britain and Ireland. Despite being the dominant life forms in many areas, these two groups of under-recorded marine animals are often confused with one another, and most divers and snorkellers can recognise and name very few species. In fact, around 500 species of Ascidiacea (sea squirts) and Porifera (sponges) have been described so far in British and Irish seas, corresponding to over 4% of the world's total.

This book is recommended reading for anyone who wants to identify and discover more about these fascinating and diverse animals. Rather than relying on the characteristics of preserved specimens, this guide uses marine photography and detailed underwater observations to concentrate on in situ features, allowing you to record species without collecting them. Most sea squirts found in Britain and Ireland's shallow waters are included, together with the most easily recognised sponges. Whether you are a student, a diver, a rockpooler or simply an enthusiast, this is an essential companion.

- Over 115 species described in detail with in situ photographs to help with underwater recognition
- Information on size, depth, habitat and distribution
- Key distinguishing features and areas of confusion in identification highlighted
- Details of body structure, life histories, digestive and reproductive processes
- Information about predators, interactions between species, non-native and problem invasive species

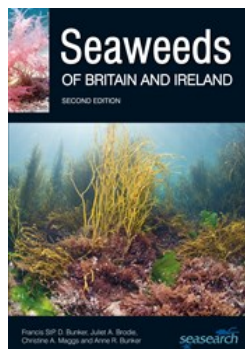


Sea Anemones and Corals of Britain and Ireland

Chris Wood
9780957394636
£16.99
Trade Paperback
Nature / Animals / Marine Life
July 2013
[Princeton University Press](#)

The cool temperate waters around Britain and Ireland contain a huge variety of marine life and the sea anemones and corals, the Anthozoa, are some of the brightest and most attractive of all the groups of animals that live in them. Anemones and corals can be found from rockpools to the deepest depths and in all habitats from rocky reefs to soft mud. This is the second edition of this popular guide to all 74 of the sea anemones and corals found in British and Irish inshore waters. It will be an essential companion for divers, rockpoolers and students who want to identify the sea anemones and corals they find and know more about them.

- Information on identification of 74 species, including their key features and other species with which they could be confused
- Illustrated with over 200 photographs taken in situ showing the animals as they look in real life
- Habitat, distribution, depth, size, rarity and conservation status for each species where known
- Information and photographs of other animals that prey on or live with sea anemones and corals
- Details of body structure, feeding and reproduction, illustrated with photographs and drawings
- Information about recent research on populations of sea anemones and corals carried out by Seasearch volunteer divers
- A summary of conservation issues for sea anemones and corals in Britain and Ireland



Seaweeds of Britain and Ireland

Francis Bunker
9780995567337
£20.00
Trade Paperback
Nature / Plants / Aquatic
June 2017
[Princeton University Press](#)

The cool temperate waters of the British and Irish seas contain an astonishing 6% of the world's algal species, more than 600 different seaweeds, and yet most divers, snorkellers and rockpoolers can put names to only a handful of them.

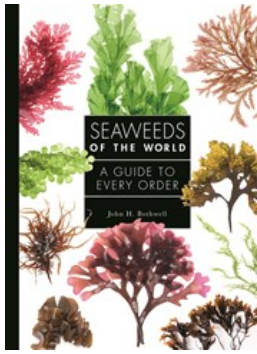
The first edition of *Seaweeds of Britain and Ireland* has proved invaluable to an enormous number of people, not just volunteer Seasearch divers and snorkellers, and this eagerly awaited second edition will no doubt prove to be equally as popular. The aim of this book is to introduce the reader to the wonderful marine environment around Britain and Ireland, and improve identification of the wealth of seaweeds so often overlooked.

Features of the new edition include:

- Over 230 species described in detail with colour photographs, information on size, habitat and distribution maps
- Over 50 new species, many with information on how to identify to species level using microscopic features
- Key distinguishing features and areas of identity confusion highlighted
- Colour and form used to group species and aid identification using dichotomous keys
- Details of life histories and reproductive processes for the main seaweed groups
- Both scientific and English names used for species and groups
- A glossary of common and specialised terms



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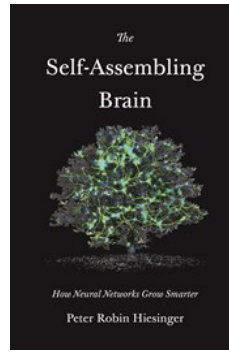
Seaweeds of the World

John Bothwell
9780691228549
£25.00
Hardcover
Nature / Plants / Aquatic
January 2023
[Princeton University Press](#)

A lavishly illustrated guide to the seaweed families of the world

Seaweeds are astoundingly diverse. They're found along the shallows of beaches and have been recorded living at depths of more than 800 feet; they can be microscopic or grow into giants many meters long. They're incredibly efficient at using the materials found in the ocean and are increasingly used in the human world, in applications from food to fuel. They're beautiful, too, with their undulating shapes anchored to the sea floor or drifting on the surface. Seaweeds aren't plants: they're algae, part of a huge and largely unfamiliar group of aquatic organisms. *Seaweeds of the World* makes sense of their complicated world, differentiating between the three main groups—red, green, and brown—and delving into their complex reproductive systems. The result is an unprecedented, accessible, and in-depth look at a previously hidden ocean world.

- Features close to 250 beautiful color photos as well as diagrams and distribution maps
- Covers every major family and genus



The Self-Assembling Brain

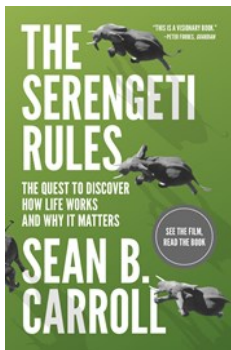
Peter Robin Hiesinger
9780691241692
£20.00
Trade Paperback
Science / Life Sciences / Neuroscience
December 2022
[Princeton University Press](#)

What neurobiology and artificial intelligence tell us about how the brain builds itself

How does a neural network become a brain? While neurobiologists investigate how nature accomplishes this feat, computer scientists interested in artificial intelligence strive to achieve this through technology. *The Self-Assembling Brain* tells the stories of both fields, exploring the historical and modern approaches taken by the scientists pursuing answers to the quandary: What information is necessary to make an intelligent neural network?

As Peter Robin Hiesinger argues, “the information problem” underlies both fields, motivating the questions driving forward the frontiers of research. How does genetic information unfold during the years-long process of human brain development—and is there a quicker path to creating human-level artificial intelligence? Is the biological brain just messy hardware, which scientists can improve upon by running learning algorithms on computers? Can AI bypass the evolutionary programming of “grown” networks? Through a series of fictional discussions between researchers across disciplines, complemented by in-depth seminars, Hiesinger explores these tightly linked questions, highlighting the challenges facing scientists, their different disciplinary perspectives and approaches, as well as the common ground shared by those interested in the development of biological brains and AI systems. In the end, Hiesinger contends that the information content of biological and artificial neural networks must unfold in an algorithmic process requiring time and energy. There is no genome and no blueprint that depicts the final product. The self-assembling brain knows no shortcuts.

Written for readers interested in advances in neuroscience and artificial intelligence, *The Self-Assembling Brain* looks at how neural networks grow smarter.



The Serengeti Rules

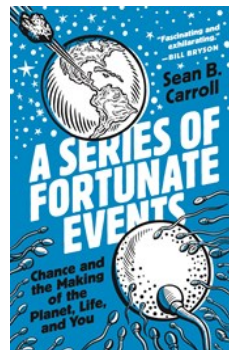
Sean B. Carroll
9780691175683
£13.99
Trade Paperback
Science / Life Sciences / Biology
March 2017
[Princeton University Press](#)

Now the subject of an Emmy Award–winning film the *New York Times* calls “spellbinding”

How does life work? How does nature produce the right numbers of zebras and lions on the African savanna, or fish in the ocean? How do our bodies produce the right numbers of cells in our organs and bloodstream? In *The Serengeti Rules*, award-winning biologist and author Sean Carroll tells the stories of the pioneering scientists who sought the answers to such simple yet profoundly important questions, and shows how their discoveries matter for our health and the health of the planet we depend upon.

One of the most important revelations about the natural world is that everything is regulated—there are rules that regulate the amount of every molecule in our bodies and rules that govern the numbers of every animal and plant in the wild. And the most surprising revelation about the rules that regulate life at such different scales is that they are remarkably similar—there is a common underlying logic of life. Carroll recounts how our deep knowledge of the rules and logic of the human body has spurred the advent of revolutionary life-saving medicines, and makes the compelling case that it is now time to use the Serengeti Rules to heal our ailing planet.

A bold and inspiring synthesis by one of our most accomplished biologists and gifted storytellers, *The Serengeti Rules* is the first book to illuminate how life works at vastly different scales. Read it and you will never look at the world the same way again.



A Series of Fortunate Events

Sean B. Carroll
9780691234694
£12.99
Trade Paperback
Science / Life Sciences / Evolution
March 2022
[Princeton University Press](#)

“Fascinating and exhilarating—Sean B. Carroll at his very best.”—Bill Bryson, author of *The Body: A Guide for Occupants*

From acclaimed writer and biologist Sean B. Carroll, a rollicking, awe-inspiring story of the surprising power of chance in our lives and the world

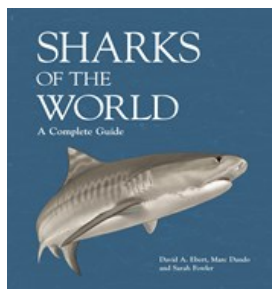
Why is the world the way it is? How did we get here? Does everything happen for a reason or are some things left to chance? Philosophers and theologians have pondered these questions for millennia, but startling scientific discoveries over the past half century are revealing that we live in a world driven by chance. *A Series of Fortunate Events* tells the story of the awesome power of chance and how it is the surprising source of all the beauty and diversity in the living world.

Like every other species, we humans are here by accident. But it is shocking just how many things—any of which might never have occurred—had to happen in certain ways for any of us to exist. From an extremely improbable asteroid impact, to the wild gyrations of the Ice Age, to invisible accidents in our parents’ gonads, we are all here through an astonishing series of fortunate events. And chance continues to reign every day over the razor-thin line between our life and death.

This is a relatively small book about a really big idea. It is also a spirited tale. Drawing inspiration from Monty Python, Kurt Vonnegut, and other great thinkers, and crafted by one of today’s most accomplished science storytellers, *A Series of Fortunate Events* is an irresistibly entertaining and thought-provoking account of one of the most important but least appreciated facts of life.



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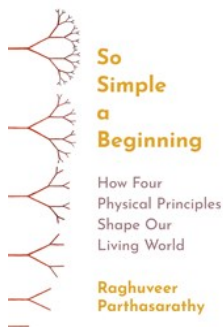
Sharks of the World

David A. Ebert
9780691205991
£45.00
Hardcover
Nature / Animals / Marine Life
July 2021
Princeton University Press

The most comprehensive reference guide to the world's sharks—now fully revised and updated

Sharks of the World is the essential illustrated guide for anyone interested in these magnificent creatures. Now fully revised and updated, it covers 536 of the world's shark species and is packed with colour illustrations, colour photos and informative diagrams. This comprehensive, easy-to-use reference guide incorporates the latest taxonomic revisions of many shark families, featuring many species that were only described in recent years. It also includes a completely revised and expanded introduction and updated line drawings throughout.

- Covers 536 shark species from around the world
- Features updated species accounts, illustrations and maps
- Gives an illustrated overview of shark biology, ecology and conservation
- Includes fin identification guides
- Provides a colour distribution map for every species



So Simple a Beginning

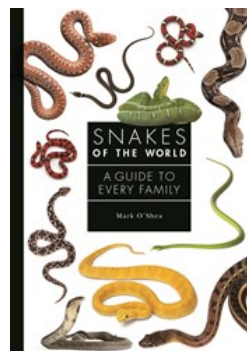
Raghuveer Parthasarathy
9780691200408
£30.00
Hardcover
Science / Life Sciences / Biophysics
February 2022
Princeton University Press

A biophysicist reveals the hidden unity behind nature's breathtaking complexity

The form and function of a sprinting cheetah are quite unlike those of a rooted tree. A human being is very different from a bacterium or a zebra. The living world is a realm of dazzling variety, yet a shared set of physical principles shapes the forms and behaviors of every creature in it. *So Simple a Beginning* shows how the emerging new science of biophysics is transforming our understanding of life on Earth and enabling potentially lifesaving but controversial technologies such as gene editing, artificial organ growth, and ecosystem engineering.

Raghuveer Parthasarathy explains how four basic principles—self-assembly, regulatory circuits, predictable randomness, and scaling—shape the machinery of life on scales ranging from microscopic molecules to gigantic elephants. He describes how biophysics is helping to unlock the secrets of a host of natural phenomena, such as how your limbs know to form at the proper places, and why humans need lungs but ants do not. Parthasarathy explores how the cutting-edge biotechnologies of tomorrow could enable us to alter living things in ways both subtle and profound.

Featuring dozens of original watercolors and drawings by the author, this sweeping tour of biophysics offers astonishing new perspectives on how the wonders of life can arise from so simple a beginning.



Snakes of the World

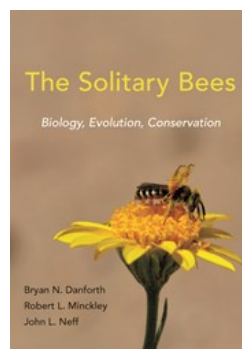
Mark O'shea
9780691240664
£25.00
Hardcover
Nature / Animals / Reptiles & Amphibians
March 2023
Princeton University Press

A gorgeously illustrated guide to the incredible diversity of snakes around the world

Snakes are found on every continent except Antarctica and have evolved to occupy a vast range of habitats, from mountains to oceans and deserts to rain forests. *Snakes of the World* explores their extraordinary diversity, with an in-depth introduction covering anatomy, behavior, habitats, reproduction, conservation, and other essential topics. This expert guide also includes profiles of some of the approximately 4,000 species of snakes, featuring examples from every family and subfamily.

Each family profile highlights the remarkable appearance, characteristics, and lifestyle of notable snake species. Covering how snakes use venom or constriction to subdue their prey, how a snake's appearance can aid camouflage or boast of its killing capacity, and how habitat destruction is jeopardizing the future of many species, *Snakes of the World* is an invaluable guide to these fascinating reptiles.

- Features more than 200 stunning color photographs
- Presents species profiles with a commentary, distribution map, and table of information
- Includes examples from every snake family and subfamily



The Solitary Bees

Bryan N. Danforth
9780691168982
£38.00
Hardcover
Science / Life Sciences / Zoology / Entomology
August 2019
Princeton University Press

The most up-to-date and authoritative resource on the biology and evolution of solitary bees

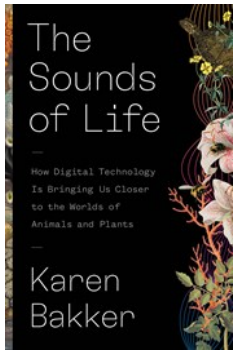
While social bees such as honey bees and bumble bees are familiar to most people, they comprise less than 10 percent of all bee species in the world. The vast majority of bees lead solitary lives, surviving without the help of a hive and using their own resources to fend off danger and protect their offspring. This book draws on new research to provide a comprehensive and authoritative overview of solitary bee biology, offering an unparalleled look at these remarkable insects.

The Solitary Bees uses a modern phylogenetic framework to shed new light on the life histories and evolution of solitary bees. It explains the foraging behavior of solitary bees, their development, and competitive mating tactics. The book describes how they construct complex nests using an amazing variety of substrates and materials, and how solitary bees have co-opted beneficial mites, nematodes, and fungi to provide safe environments for their brood. It looks at how they have evolved intimate partnerships with flowering plants and examines their associations with predators, parasites, microbes, and other bees. This up-to-date synthesis of solitary bee biology is an essential resource for students and researchers, one that paves the way for future scholarship on the subject.

Beautifully illustrated throughout, *The Solitary Bees* also documents the critical role solitary bees play as crop pollinators, and raises awareness of the dire threats they face, from habitat loss and climate change to pesticides, pathogens, parasites, and invasive species.



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The Sounds of Life

Karen Bakker
9780691206288
£28.00
Hardcover
Nature / Animals
October 2022
Princeton University Press

An amazing journey into the hidden realm of nature's sounds

The natural world teems with remarkable conversations, many beyond human hearing range. Scientists are using groundbreaking digital technologies to uncover these astonishing sounds, revealing vibrant communication among our fellow creatures across the Tree of Life.

At once meditative and scientific, *The Sounds of Life* shares fascinating and surprising stories of nonhuman sound, interweaving insights from technological innovation and traditional knowledge. We meet scientists using sound to protect and regenerate endangered species from the Great Barrier Reef to the Arctic and the Amazon. We discover the shocking impacts of noise pollution on both animals and plants. We learn how artificial intelligence can decode nonhuman sounds, and meet the researchers building dictionaries in East African Elephant and Sperm Whalish. At the frontiers of innovation, we explore digitally mediated dialogues with bats and honeybees. Technology often distracts us from nature, but what if it could reconnect us instead?

The Sounds of Life offers hope for environmental conservation and affirms humanity's relationship with nature in the digital age. After learning about the unsuspected wonders of nature's sounds, we will never see walks outdoors in the same way again.

SPECIES TREE INFERENCE



Species Tree Inference

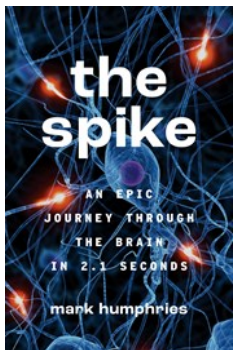
Laura Kubatko
9780691207605
£42.00
Trade Paperback
Science / Life Sciences / Evolution
March 2023
Princeton University Press

An up-to-date reference book on phylogenetic methods and applications for evolutionary biologists

The increasingly widespread availability of genomic data is transforming how biologists estimate evolutionary relationships among organisms and broadening the range of questions that researchers can test in a phylogenetic framework. *Species Tree Inference* brings together many of today's leading scholars in the field to provide an incisive guide to the latest practices for analyzing multilocus sequence data.

This wide-ranging and authoritative book gives detailed explanations of emerging new approaches and assesses their strengths and challenges, offering an invaluable context for gauging which procedure to apply given the types of genomic data and processes that contribute to differences in the patterns of inheritance across loci. It demonstrates how to apply these approaches using empirical studies that span a range of taxa, timeframes of diversification, and processes that cause the evolutionary history of genes across genomes to differ.

By fully embracing this genomic heterogeneity, *Species Tree Inference* illustrates how to address questions beyond the goal of estimating phylogenetic relationships of organisms, enabling students and researchers to pursue their own research in statistically sophisticated ways while charting new directions of scientific discovery.



The Spike

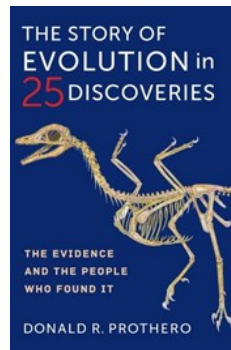
Mark Humphries
9780691241487
£15.99
Trade Paperback
Science / Life Sciences / Neuroscience
January 2023
Princeton University Press

The story of a neural impulse and what it reveals about how our brains work

We see the last cookie in the box and think, can I take that? We reach a hand out. In the 2.1 seconds that this impulse travels through our brain, billions of neurons communicate with one another, sending blips of voltage through our sensory and motor regions. Neuroscientists call these blips "spikes." Spikes enable us to do everything: talk, eat, run, see, plan, and decide. In *The Spike*, Mark Humphries takes readers on the epic journey of a spike through a single, brief reaction. In vivid language, Humphries tells the story of what happens in our brain, what we know about spikes, and what we still have left to understand about them.

Drawing on decades of research in neuroscience, Humphries explores how spikes are born, how they are transmitted, and how they lead us to action. He dives into previously unanswered mysteries: Why are most neurons silent? What causes neurons to fire spikes spontaneously, without input from other neurons or the outside world? Why do most spikes fail to reach any destination? Humphries presents a new vision of the brain, one where fundamental computations are carried out by spontaneous spikes that predict what will happen in the world, helping us to perceive, decide, and react quickly enough for our survival.

Traversing neuroscience's expansive terrain, *The Spike* follows a single electrical response to illuminate how our extraordinary brains work.



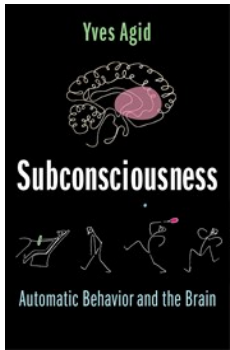
The Story of Evolution in 25 Discoveries

Donald R. Prothero
9780231190374
£20.00
Trade Paperback
Science / Life Sciences / Evolution
September 2022
Columbia University Press

The theory of evolution unites the past, present, and future of living things. It puts humanity's place in the universe into necessary perspective. Despite a history of controversy, the evidence for evolution continues to accumulate as a result of many separate strands of amazing scientific sleuthing.

In *The Story of Evolution in 25 Discoveries*, Donald R. Prothero explores the most fascinating breakthroughs in piecing together the evidence for evolution. In twenty-five vignettes, he recounts the dramatic stories of the people who made crucial discoveries, placing each moment in the context of what it represented for the progress of science. He tackles topics like what it means to see evolution in action and what the many transitional fossils show us about evolution, following figures from Darwin to lesser-known researchers as they unlock the mysteries of the fossil record, the earth, and the universe. The book also features the stories of animal species strange and familiar, including humans—and our ties to some of our closest relatives and more distant cousins. Prothero's wide-ranging tales showcase awe-inspiring and bizarre aspects of nature and the powerful insights they give us into the way that life works.

Brisk and entertaining while firmly grounded in fundamental science, *The Story of Evolution in 25 Discoveries* is a captivating read for anyone curious about the evidence for evolution and what it means for humanity.



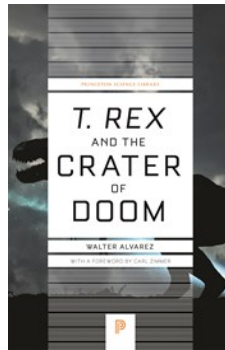
Subconsciousness

Yves Agid
9780231201278
£18.99
Trade Paperback
Science / Life Sciences / Neuroscience
July 2021
[Columbia University Press](#)

We are conscious of only a small fraction of our lives. Because the brain constantly receives an enormous quantity of information, we need to be able to do things without thinking about them—to act in “autopilot” mode. Automatic behaviors—the vast majority of our activities—occur without our conscious awareness, or subconsciously. Yet the physiological basis of subconsciousness remains poorly understood, despite its vast importance for physical and mental health.

The neurodegenerative disease expert Yves Agid offers a groundbreaking and accessible account of subconsciousness and its significance. He pinpoints the basal ganglia—the ancient “basement of the brain”—as the main physiological hub of the subconscious. Agid examines its roles in the control and production of automatic behavior, including motor, intellectual, and emotional processes. He highlights the consequences for various brain pathologies, showing how malfunctions of the subconscious have clinical repercussions including not only abnormal involuntary movements, as seen in Parkinson’s disease, but also psychiatric disorders such as obsessive-compulsive disorders and depression. Based on this understanding, Agid considers how seeing the basal ganglia as a therapeutic target can aid development of potential new treatments for neurological and psychiatric disorders.

Shedding new light on the physiological bases of our behavior and mental states, this book provides an innovative exploration of the complexities of the mind, with implications ranging from clinical applications to philosophy’s thorniest problems.

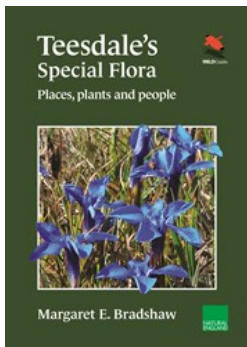


T. rex and the Crater of Doom

Walter Alvarez
9780691169668
£15.99
Trade Paperback
Science / Paleontology
September 2015
[Princeton University Press](#)

Sixty-five million years ago, a comet or asteroid larger than Mount Everest slammed into the Earth, inducing an explosion equivalent to the detonation of a hundred million hydrogen bombs. Vaporized detritus blasted through the atmosphere upon impact, falling back to Earth around the globe. Disastrous environmental consequences ensued: a giant tsunami, continent-scale wildfires, darkness, and cold, followed by sweltering greenhouse heat. When conditions returned to normal, half the plant and animal genera on Earth had perished.

This horrific chain of events is now widely accepted as the solution to a great scientific mystery: what caused the extinction of the dinosaurs? Walter Alvarez, one of the Berkeley scientists who discovered evidence of the impact, tells the story behind the development of the initially controversial theory. It is a saga of high adventure in remote locations, of arduous data collection and intellectual struggle, of long periods of frustration ended by sudden breakthroughs, of friendships made and lost, and of the exhilaration of discovery that forever altered our understanding of Earth’s geological history.



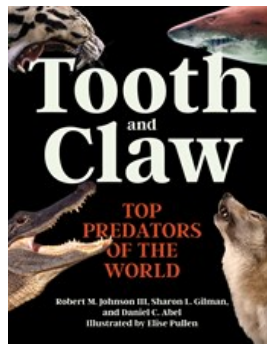
Teesdale's Special Flora

Margaret E. Bradshaw
9780691251332
£14.99
Trade Paperback
Nature / Plants / Flowers
June 2023
[Princeton University Press](#)

A definitive and richly illustrated guide to the botanically unique area of Upper Teesdale in England’s County Durham

To anyone who loves the wild flowers of Great Britain and Ireland, there are some places that beckon time and again, such as The Lizard in Cornwall, The Burren in Ireland’s County Clare and Ben Lawers in Perthshire, Scotland. Upper Teesdale in England’s County Durham must, however, be included among these jewels of our botanical heritage. This locality, which is within sight of the highest point of the Pennines, has an outstanding and special flora that has been shaped by its altitude, land-use patterns and diverse geology. Many of the plants found here are rare and localized, while others are more common and widespread, but together they form the botanically unique Teesdale Assemblage. For this reason, Upper Teesdale is a hotspot for botanists. It is also a scenically beautiful area, located within easy reach of the industrial heartlands of the north-east, and is much visited by walkers and tourists. This book offers visitors unique insights about this area and its botanical riches.

- Presents the first account to cover together the places, plants and people of this special area
- Features more than 330 stunning photographs
- Includes detailed profiles of 96 plants that make up the Teesdale Assemblage
- Offers a history of Teesdale’s botanical exploration and describes the people who live, work and study plants there today
- Provides an overview of environmental threats and what is required to ensure a sustainable future



Tooth and Claw

Robert M. Johnson
9780691240282
£38.00
Hardcover
Nature / Animals / Wildlife
May 2023
[Princeton University Press](#)

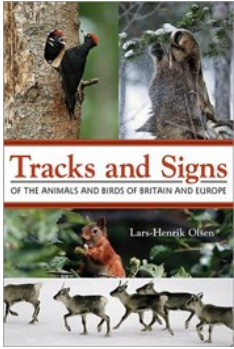
A marvelously illustrated look at the most deadly predators on the planet

Tooth and Claw presents the world’s top predators as you have never seen them before, from big cats and wild dogs to sharks, reptiles, and killer whales. Blending gorgeous photos and illustrations with spellbinding storytelling, this book is packed with the latest facts about these fearsome but often misunderstood animals. It covers apex and other top predators in each major vertebrate family, discussing where and how they live, how they are faring in the modern world, and why they matter. Along the way, the authors share informative and entertaining anecdotes from their decades in the field learning about predators and reveal hard truths about the role humans continue to play in their fate. *Tooth and Claw* also describes conservation successes and lays out some simple but crucial steps each of us can take to protect these magnificent beasts. Are humans top predators, too? Read this amazing book and find out.

- Offers an unparalleled look at a side of nature rarely witnessed up close
- Stunningly illustrated throughout and brimming with fun facts
- Describes ultimate vertebrate predators ranging from sharks and reptiles to raptors, cats, dogs, bears, and marine mammals
- Provides rare insights into the biology, ecology, and conservation of top predators
- Draws on the latest findings from habitats around the world
- Conveys the wonders of the natural world with engaging storytelling and lively personal anecdotes



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Tracks and Signs of the Animals and Birds of Britain and Europe

Lars-Henrik Olsen

9780691157535

£17.99

Trade Paperback

Nature / Animals

August 2013

Princeton University Press

An indispensable color-illustrated field guide to the tracks and signs of Europe's animals and birds

This beautifully illustrated field guide enables you to easily identify the tracks and signs left by a wide variety of mammal and bird species found in Britain and Europe, covering behaviors ranging from hunting, foraging, and feeding to courtship, breeding, and nesting. Introductory chapters offer detailed drawings of footprints and tracks of large and small mammals, which are followed by sections on mammal scat, bird droppings, and the feeding signs of animals on food sources such as nuts, cones, and rose hips. The book then describes specific mammal species, providing information on size, distribution, behavior, habitat, and similar species, as well as more specific detail on tracks and scat. Distribution maps are also included.

This indispensable field guide covers 175 species of mammals and birds, and features a wealth of stunning color photos and artwork throughout.

- Helps you easily identify the tracks and signs of a variety of mammals and birds
- Covers 175 species
- Illustrated throughout with photos, drawings, and artwork
- Includes informative descriptions of mammal species along with distribution maps



Treepedia

Joan Maloof

9780691208756

£9.99

Hardcover

Nature / Plants / Trees

September 2021

Princeton University Press

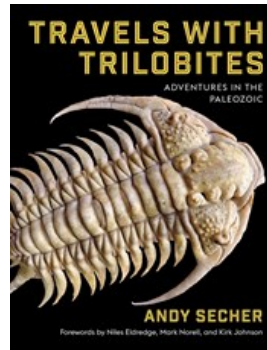
A captivating A–Z treasury for the tree hugger in all of us

Treepedia is an entertaining and fact-filled illustrated compendium of tree lore. Featuring nearly 100 entries—on topics ranging from tree ecology and conservation to the role of trees in religion, literature, art, and movies—this enticing collection is a celebration of all things arboreal.

In this charming book, Joan Maloof explains the difference between a cedar and a cypress, and reveals where to find the most remarkable trees on the planet. She tells the story behind the venerable Bodhi Tree, and describes peculiar species like baobabs and Fitzroya. Maloof profiles legendary conservationists such as Julia "Butterfly" Hill, John Muir, Wangari Maathai, and Ken Wu. She discusses reforestation, proforestation, emerald ash borers, the ents from *The Lord of the Rings*, culturally modified trees, the ill-fated and controversial Redwood Summer, and much more. The book's portable size makes it the perfect travel companion no matter where your love of the forest may lead you.

With enchanting illustrations by Maren Westfall, *Treepedia* is a fun and informative book that is guaranteed to inspire anyone who has ever enjoyed a walk in the woods.

- Features a real cloth cover with an elaborate foil-stamped design
- Uses 100 percent recycled, uncoated, wood-free paper



Travels with Trilobites

Andy Secher

9780231200967

£30.00

Hardcover

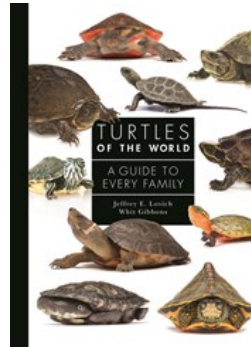
Science / Paleontology

June 2022

Columbia University Press

Trilobites were some of the most successful and versatile organisms ever to exist. Among the earliest forms of complex animal life, these hard-shelled marine invertebrates inhabited the primal seas of the Paleozoic Era. Their march through evolutionary time began in the Lower Cambrian, some 521 million years ago, and lasted until their demise at the end of the Permian, more than 250 million years later. During this vast stretch of planetary history, these adaptable animals filled virtually every available undersea niche, evolving into more than 25,000 scientifically recognized species.

In *Travels with Trilobites*, Andy Secher invites readers to come along in search of the fossilized remains of these ancient arthropods. He explores breathtaking paleontological hot spots around the world—including Alnif, Morocco, on the edge of the Sahara Desert; the Sakha Republic, deep in the Siberian wilderness; and Kangaroo Island, off the coast of South Australia—and offers a behind-the-scenes look at museums, fossil shows, and life on the collectors' circuit. The book features hundreds of photographs of unique specimens drawn from Secher's private collection, showcasing stunning fossil finds that highlight the diversity, complexity, and beauty of trilobites. Entertaining and informative, *Travels with Trilobites* combines key scientific information about these captivating creatures with wry, colorful observations and inside stories from one of the world's most prolific collectors.



Turtles of the World

Jeffrey E. Lovich

9780691223223

£25.00

Hardcover

Nature / Animals / Reptiles & Amphibians

December 2021

Princeton University Press

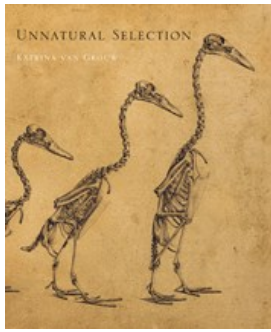
A lavishly illustrated guide to the world's turtles that covers every family and genus

Turtles of the World reveals the extraordinary diversity of these amazing reptiles. Characterized by the bony shell that acts as a shield to protect the softer body within, turtles are survivors from the time of the dinosaurs and are even more ancient in evolutionary terms than snakes and crocodilians. Of more than 350 species known today, some are highly endangered. In this beautiful guide, turtle families, subfamilies, and genera are illustrated with hundreds of color photographs. Each genus profile includes a population distribution map, a table of information, and commentary that includes notable characteristics and discussion of related species.

- More than 250 beautiful color photos
- Each profile features a distribution map, table of information, and commentary
- Broad coverage includes every family and genus



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Unnatural Selection

Katrina Van Grouw
9780691254050
£42.00
Hardcover
Science / Natural History
June 2023
Princeton University Press

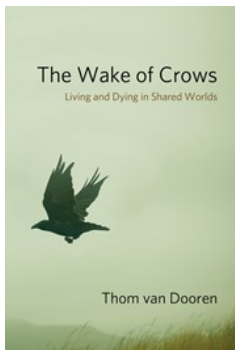
A lavishly illustrated look at how evolution plays out in selective breeding

Unnatural Selection is a stunningly illustrated book about selective breeding—the ongoing transformation of animals at the hand of man. More important, it's a book about selective breeding on a far, far grander scale—a scale that encompasses all life on Earth. We'd call it evolution.

A unique fusion of art, science, and history, this book is intended as a tribute to what Charles Darwin might have achieved had he possessed that elusive missing piece to the evolutionary puzzle—the knowledge of how individual traits are passed from one generation to the next. With the benefit of a century and a half of hindsight, Katrina van Grouw explains evolution by building on the analogy that Darwin himself used—comparing the selective breeding process with natural selection in the wild, and, like Darwin, featuring a multitude of fascinating examples.

This is more than just a book about pets and livestock, however. The revelation of *Unnatural Selection* is that identical traits can occur in *all* animals, wild and domesticated, and both are governed by the same evolutionary principles. As van Grouw shows, animals are plastic things, constantly changing. In wild animals, the changes are usually too slow to see—species appear to stay the same. When it comes to domesticated animals, however, change happens fast, making them the perfect model of evolution in action.

Featuring more than four hundred breathtaking illustrations of living animals, skeletons, and historical specimens, *Unnatural Selection* will be enjoyed by anyone with an interest in natural history and the history of evolutionary thinking.

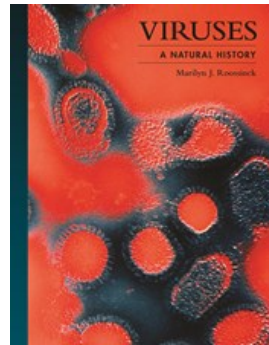


The Wake of Crows

Thom van Dooren
9780231182829
£28.00
Hardcover
Nature / Environmental Conservation & Protection
October 2019
Columbia University Press

Crows can be found almost everywhere that people are, from tropical islands to deserts and arctic forests, from densely populated cities to suburbs and farms. Across these diverse landscapes, many species of crow are doing well: their intelligent and adaptive ways of life have allowed them to thrive amid human-driven transformations. Indeed, crows are frequently disliked for their success, seen as pests, threats, and scavengers on the detritus of human life. But among the vast variety of crows, there are also critically endangered species that are barely hanging on to existence, some of them the subjects of passionate conservation efforts.

The Wake of Crows is an exploration of the entangled lives of humans and crows. Focusing on five key sites, Thom van Dooren asks how we might live well with crows in a changing world. He explores contemporary possibilities for shared life emerging in the context of ongoing processes of globalization, colonization, urbanization, and climate change. Moving among these diverse contexts, this book tells stories of extermination and extinction alongside fragile efforts to better understand and make room for other species. Grounded in the careful work of paying attention to particular crows and their people, *The Wake of Crows* is an effort to imagine and put into practice a multispecies ethics. In so doing, van Dooren explores some of the possibilities that still exist for living and dying well on this damaged planet.



Viruses

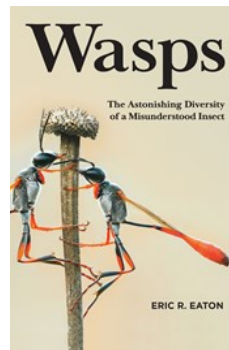
Marilyn J. Roossinck
9780691237596
£30.00
Hardcover
Science / Life Sciences / Virology
May 2023
Princeton University Press

A comprehensive and richly illustrated introduction to the world of viruses

As parasites that are often hundreds of times smaller than bacteria, viruses exist in and on everything, everywhere. Rapidly evolving, they are highly opportunistic and relentlessly efficient. While some viruses are obviously agents of disease, as the COVID-19 pandemic has reminded the world only too well, others can be beneficial, helping to protect their hosts from other microbes, or allowing hosts to function in otherwise impossible ways. In *Viruses*, virus expert and author Marilyn Roossinck presents a comprehensive and richly illustrated introduction to viruses that reveals their true nature.

Using lively text, clear graphics, and beautiful imagery, *Viruses* examines all the aspects of viruses that are essential for understanding them—their diversity, behaviors, life cycles, and much more. Written in a nontechnical and easy-to-follow style, the book covers what viruses are and where they come from; how they transmit and evolve; the battle between viruses and hosts, including immunity and vaccination; viruses that are good for us; the critical role viruses play in the balance of earth's ecosystems; what makes a virus—including COVID-19 and influenza—become pandemic in plants or animals; and the cutting-edge research that is discovering thousands of new viruses. Each chapter concludes with stunningly illustrated profiles that highlight key viruses.

In a world where understanding viruses is more important than ever, *Viruses* offers a rich and inviting introduction to organisms that, for all the harm they can do, are also essential for the health of animals, plants, and the world we share.



Wasps

Eric R. Eaton
9780691211428
£25.00
Hardcover
Nature / Animals / Insects & Spiders
March 2021
Princeton University Press

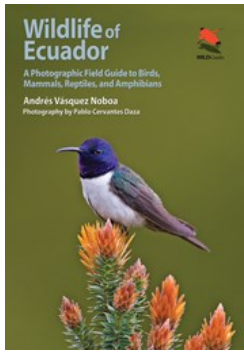
The ultimate visual journey into the beautiful and complex world of wasps

Wasps are far more diverse than the familiar yellowjackets and hornets that harass picnickers and build nests under the eaves of our homes. These amazing, mostly solitary creatures thrive in nearly every habitat on Earth, and their influence on our lives is overwhelmingly beneficial. Wasps are agents of pest control in agriculture and gardens. They are subjects of study in medicine, engineering, and other important fields. Wasps pollinate flowers, engage in symbiotic relationships with other organisms, and create architectural masterpieces in the form of their nests. This richly illustrated book introduces you to some of the most spectacular members of the wasp realm, colorful in both appearance and lifestyle. From minute fairyflies to gargantuan tarantula hawks, wasps exploit almost every niche on the planet. So successful are they at survival that other organisms emulate their appearance and behavior. The sting is the least reason to respect wasps and, as you will see, no reason to loathe them, either. Written by a leading authority on these remarkable insects, *Wasps* reveals a world of staggering variety and endless fascination.

- Packed with more than 150 incredible color photos
- Includes a wealth of eye-popping infographics
- Provides comprehensive treatments of most wasp families
- Describes wasp species from all corners of the world
- Covers wasp evolution, ecology, physiology, diversity, and behavior
- Highlights the positive relationships wasps share with humans and the environment



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Wildlife of Ecuador

Andrés Vásquez Noboa

9780691161365

£25.00

Trade Paperback

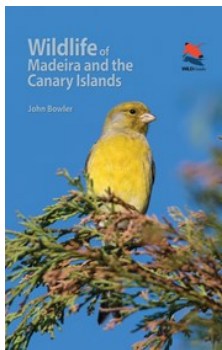
Nature / Animals / Wildlife

May 2017

Princeton University Press

Mainland Ecuador's spectacular wildlife makes it a magnet for nature tourists, but until now there hasn't been a go-to, all-in-one guide geared to the general reader. With this handy and accessible guide, visitors now have everything they need to identify and enjoy the majority of birds and animals they are likely to see. Written and illustrated by two of Ecuador's most experienced nature guides and photographers, this book covers more than 350 birds, mammals, amphibians, and reptiles. It features over 400 stunning color photographs and includes a range map for each species, as well as a brief account of the country's natural history and biogeography. With its extensive coverage, attractive and easy-to-use layout, beautiful photographs, and nontechnical text, this is an essential guide for anyone who wants to explore the natural wonders of Ecuador.

- An essential all-in-one guide to mainland Ecuador's amazing wildlife
- Unique and attractive layout with more than 400 stunning color photographs
- Covers more than 350 of the most frequently seen birds, mammals, reptiles, and amphibians
- Uses a habitat-based approach to aid identification
- Accessible text provides key information on identification, behavior, biology, and conservation
- Photos, maps, and text are presented together for ease of use



Wildlife of Madeira and the Canary Islands

John Bowler

9780691170763

£20.00

Flexibound

Nature / Animals / Wildlife

May 2018

Princeton University Press

This beautifully illustrated photographic field guide is the first to focus on the identification of the fascinating, diverse and unique wildlife of Madeira and the Canary Islands—featuring the birds, mammals, reptiles, amphibians, butterflies and dragonflies that are most likely to be seen. Richly illustrated introductory sections cover the key wildlife sites to visit on each of the islands and provide an overview of the islands' geography, climate, habitat types and current conservation efforts. Stunning colour photographs highlight the key identification features of each species, and the accompanying text covers status, habitat preference, behaviour and, where appropriate, calls. The guide also features an up-to-date distribution map for each species. Complete with an attractive, user-friendly design, this is a must-have guide for all visitors to these magical islands.

- A beautifully designed and illustrated photographic field guide to the wildlife of Madeira and the Canary Islands
- Highlights the islands' unique native species and their conservation status
- Covers all birds, land and marine mammals, reptiles, amphibians, butterflies and dragonflies that are likely to be seen
- Features richly illustrated introductory sections on key sites to visit on each of the islands, covering their geography, climate, habitats and conservation
- Includes distribution maps for all species, as well as information on occurrence, status, habitat preference, behaviour and calls



Wildlife of Madagascar

Ken Behrens

9780691161716

£25.00

Trade Paperback

Nature / Animals / Wildlife

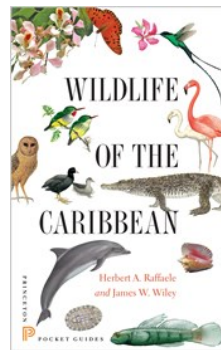
November 2016

Princeton University Press

The most comprehensive single-volume field guide to Madagascar's wildlife

The Indian Ocean island of Madagascar is one of the world's great natural treasures and ecotourism destinations. Despite being an island, it is home to nearly an entire continent's variety of species, from the famous lemurs to a profusion of bizarre and beautiful birds, reptiles and amphibians. *Wildlife of Madagascar* is a compact and beautifully illustrated photographic guide, and an essential companion for any visitor or resident. With an eye-catching design, authoritative and accessible text and easy-to-use format, it provides information on identification, distribution, habitat, behaviour, biology and conservation for all the mammals, birds, reptiles, amphibians and butterflies likely to be seen.

- The most comprehensive single-volume field guide to Madagascar's wildlife
- Attractive layout features more than 900 stunning colour photographs
- Covers the mammals, birds, reptiles, amphibians and butterflies, and some of the other invertebrates and plants, most likely to be seen
- Provides key information about identification, distribution, habitat, behaviour and conservation
- Introductory sections provide background information on Madagascar and its unique environments



Wildlife of the Caribbean

Herbert A. Raffaele

9780691153827

£16.99

Trade Paperback

Nature / Animals / Wildlife

May 2014

Princeton University Press

The essential guide to the living wonders of the Caribbean islands

This is the first comprehensive illustrated guide to the natural world of the Caribbean islands. It contains 600 vivid color images featuring 451 species of plants, birds, mammals, fish, seashells, and much more. While the guide primarily looks at the most conspicuous and widespread species among the islands, it also includes rarely seen creatures—such as the Rhinoceros Iguana and Cuban Solenodon—giving readers a special sense of the region's diverse wildlife.

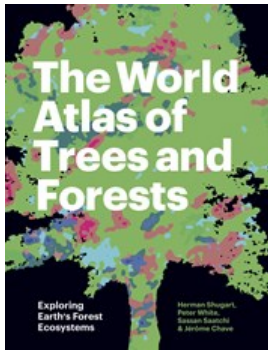
Each species is represented by one or more color photos or illustrations; details regarding its identification, status, and distribution; and interesting aspects of its life history or relationship to humans. In addition, an introductory section focuses on the unique characteristics of the Caribbean's fauna and flora, the threats faced by both, and some of the steps being taken to sustain the area's extraordinary natural heritage.

Wildlife of the Caribbean is the essential field guide for learning about the living wonders in this area of the world.

- The only guide of its kind for the Caribbean islands
- 600 detailed color images feature 451 amazing species
- Straightforward descriptions suitable for general audience
- Compact size makes the guide easy to carry



CALIFORNIA
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The World Atlas of Trees and Forests

Herman Shugart

9780691226743

£45.00

Hardcover

Nature / Plants / Trees

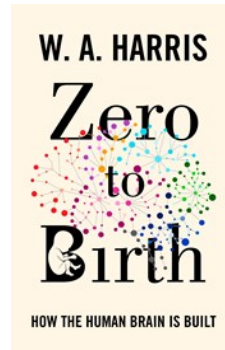
September 2022

Princeton University Press

A marvelously illustrated look at the world's diverse forests and their ecosystems

The earth's forests are havens of nature supporting a diversity of life. Shaped by climate and geography, these vast and dynamic wooded spaces offer unique ecosystems that shelter complex and interdependent webs of flora, fungi, and animals. *The World Atlas of Trees and Forests* offers a beautiful introduction to what forests are, how they work, how they grow, and how we map, assess, and conserve them.

- Provides the most wide-ranging coverage of the world's forests available
- Takes readers beneath the breathtaking variety of wooded canopies that span the globe
- Profiles a wealth of tree species, with enlightening and entertaining natural-history highlights along the way
- Features stunning color photos, maps, and graphics
- Draws on the latest cutting-edge research and technology, including satellite imagery



Zero to Birth

William A. Harris

9780691211312

£22.00

Hardcover

Science / Life Sciences / Neuroscience

May 2022

Princeton University Press

A revelatory tale of how the human brain develops, from conception to birth and beyond

By the time a baby is born, its brain is equipped with billions of intricately crafted neurons wired together through trillions of interconnections to form a compact and breathtakingly efficient supercomputer. *Zero to Birth* takes you on an extraordinary journey to the very edge of creation, from the moment of an egg's fertilization through each step of a human brain's development in the womb—and even a little beyond.

As pioneering experimental neurobiologist W. A. Harris guides you through the process of how the brain is built, he takes up the biggest questions that scientists have asked about the developing brain, describing many of the thrilling discoveries that were foundational to our current understanding. He weaves in a remarkable evolutionary story that begins billions of years ago in the Proterozoic eon, when multicellular animals first emerged from single-cell organisms, and reveals how the growth of a fetal brain over nine months reflects the brain's evolution through the ages. Our brains have much in common with those of other animals, and Harris offers an illuminating look at how comparative animal studies have been crucial to understanding what makes a human brain human.

An unforgettable chronicle of one of nature's greatest achievements, *Zero to Birth* describes how the brain's incredible feat of orchestrated growth ensures that every brain is unique, and how breakthroughs at the frontiers of science are helping us to decode many traits that only reveal themselves later in life.