

LOST ANIMALS

Extinction and the Photographic Record

ERROL FULLER

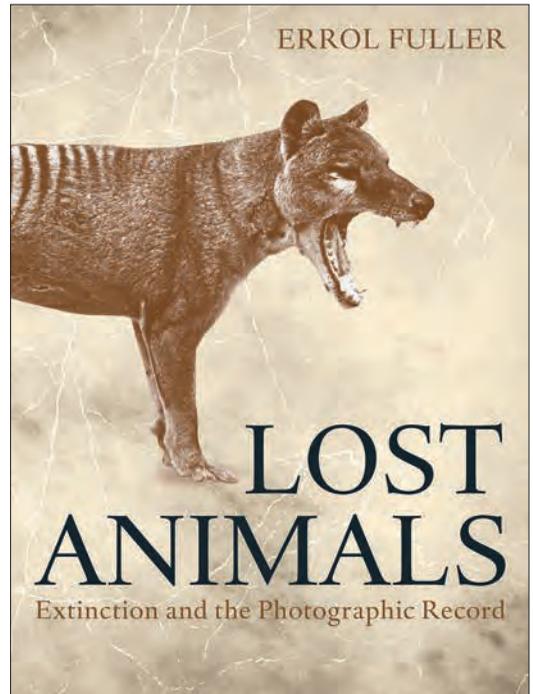
A photograph of an extinct animal evokes a greater feeling of loss than any painting ever could. Often black and white or tinted sepia, these remarkable images have been taken mainly in zoos or wildlife parks, and in some cases depict the last known individual of the species. *Lost Animals* is a unique photographic record of extinction, presented by a world authority on vanished animals. Richly illustrated throughout, this handsome book features photographs dating from around 1870 to as recently as 2004, the year that witnessed the demise of the Hawaiian Po'ouli. From a mother Thylacine and her pups to birds such as the Heath Hen and the Carolina Parakeet, Errol Fuller tells the story of each animal, explains why it became extinct, and discusses the circumstances surrounding the photography.

Covering 28 extinct species, *Lost Animals* includes familiar examples like the last Passenger Pigeon, Martha, and one of the last Ivory-billed Woodpeckers, photographed as it peers quizzically at the hat of one of the biologists who has just ringed it. But the book includes rare images as well, many never before published. Collected together here for the first time, these photographs provide a tangible link to animals that have now vanished forever, in a book that brings the past to life while delivering a warning for the future.

Poignant and compelling, *Lost Animals* also includes a concise introduction that looks at the earliest days of animal photography, and an appendix of drawings and paintings of the species covered.

Errol Fuller is an acclaimed artist and writer, and a world authority on bird and animal extinction. His many books include the award-winning *Extinct Birds* as well as *Dodo: From Extinction to Icon* and *The Great Auk*.

A HAUNTING PHOTOGRAPHIC
RECORD OF EXTINCTION



“The species accounts are engaging, and I can truthfully say that I learned something in every case. The photographs are fascinating and sobering.”
—Luke Hunter, author of *Carnivores of the World*

MARCH

Cloth \$29.95T

978-0-691-16137-2

240 pages. 53 color illus. 95 halftones. 8 x 10.

NATURAL HISTORY

For sale only in North America and the Philippines

PRESS.PRINCETON.EDU

TREES OF WESTERN NORTH AMERICA

RICHARD SPELLENBERG,
CHRISTOPHER J. EARLE &
GIL NELSON

Illustrations by David More

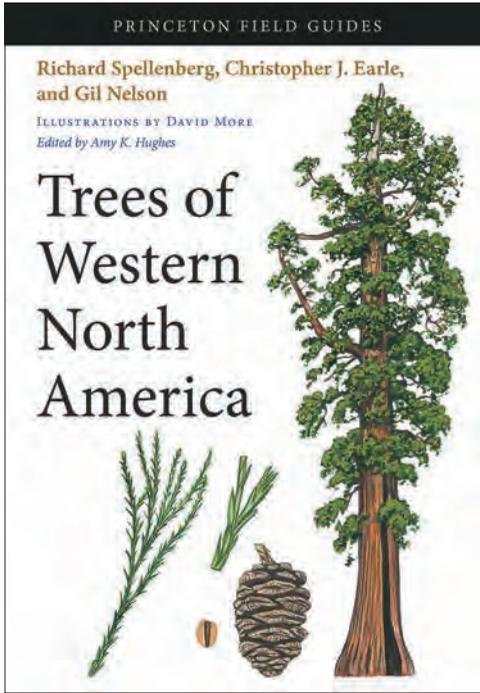
Edited by Amy K. Hughes

TREES OF EASTERN NORTH AMERICA

GIL NELSON,
CHRISTOPHER J. EARLE &
RICHARD SPELLENBERG

Illustrations by David More

Edited by Amy K. Hughes



TREES OF WESTERN NORTH AMERICA

MAY

Paper \$29.95T

978-0-691-14580-8

Cloth \$60.00S

978-0-691-14579-2

448 pages. 200 color illus. 422 maps. 6 x 8.

FIELD GUIDES ■ NATURAL HISTORY

These are the most comprehensive, best illustrated, and easiest-to-use books of their kind. Presenting all the native and naturalized trees of the eastern and western United States and Canada, the books feature superior descriptions; thousands of meticulous color paintings by David More that illustrate important visual details; range maps that provide a thumbnail view of distribution for each native species; "Quick ID" summaries; a user-friendly layout; scientific and common names; the latest taxonomy; information on the most recently naturalized species; a key to leaves; and an introduction to tree identification, forest ecology, and plant classification and structure. The easy-to-read descriptions present details of size, shape, growth habit, bark, leaves, flowers, fruit, flowering and fruiting times, habitat, and range. Using a broad definition of a tree, the books cover many small, overlooked species normally thought of as shrubs. With their unmatched combination of breadth and depth, these are essential guides for every tree lover.

PRINCETON FIELD GUIDES

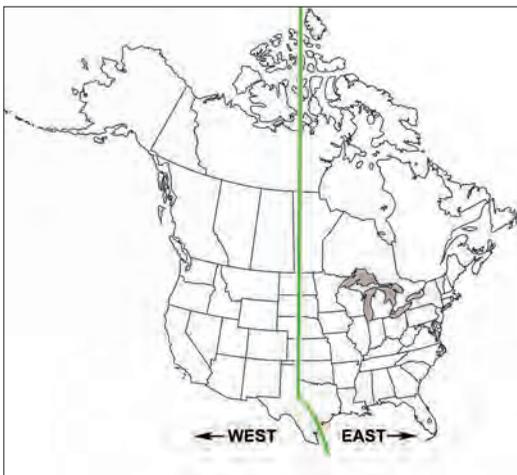
- ◆ *Trees of Eastern North America* covers 825 species, more than any comparable guide, presenting all the native and naturalized trees of the United States and Canada as far west as the Great Plains—including species found only in tropical and subtropical Florida and northernmost Canada
- ◆ *Trees of Western North America* covers 630 species, more than any comparable guide, presenting all the native and naturalized trees of the United States and Canada as far east as the Great Plains, as well as treelike forms of cacti and yuccas
- ◆ Both books feature specially commissioned artwork, detailed descriptions, range maps for native species, up-to-date taxonomy and names, and much, much more
- ◆ Essential guides for every tree lover

Christopher J. Earle is an ecologist whose specialties include forest ecology and conifer biology.

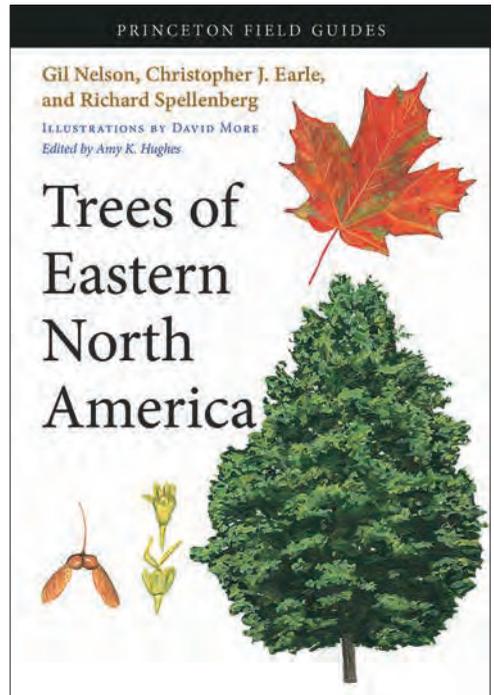
David More is regarded as one of the finest botanical illustrators in the world. He has illustrated a number of tree guides, including the acclaimed *Collins Tree Guide* and *The Illustrated Encyclopedia of Trees* (Princeton).

Gil Nelson is a botanist and the coauthor of the *National Wildlife Federation Field Guide to Trees of North America* and the *National Audubon Society Field Guide to the Southeastern States*.

Richard Spellenberg, a botanist and specialist in plant taxonomy, is the author of the *National Audubon Society Field Guide to Wildflowers, Western Region*.



THE MOST COMPREHENSIVE, BEST ILLUSTRATED,
AND EASIEST-TO-USE FIELD GUIDES
TO THE TREES OF NORTH AMERICA



TREES OF EASTERN NORTH AMERICA

MAY

Paper \$29.95T

978-0-691-14591-4

Cloth \$65.00S

978-0-691-14590-7

656 pages. 285 color illus. 488 maps. 6 x 8.

FIELD GUIDES ■ NATURAL HISTORY

PRESS.PRINCETON.EDU

THE MOST COMPREHENSIVE FULL-COLOR
GUIDE TO THE BEETLES OF EASTERN
NORTH AMERICA EVER PUBLISHED

BEETLES OF EASTERN NORTH AMERICA

ARTHUR V. EVANS

BEETLES of Eastern North America



Arthur V. Evans

“This outstanding book will serve beginning beetle enthusiasts and serious natural historians for years to come. No other book comes close in terms of comprehensiveness. Evans is an expert on beetles and entomology, and this guide reflects his extensive knowledge and experience.”

—Christopher Carlton, director of the Louisiana State Arthropod Museum

Beetles of Eastern North America is a landmark book—the most comprehensive full-color guide to the remarkably diverse and beautiful beetles of the United States and Canada east of the Mississippi River. It is the first color-illustrated guide to cover 1,400 species in all 115 families that occur in the region—and the first new in-depth guide to the region in more than forty years. Lavishly illustrated with over 1,500 stunning color images by some of the best insect photographers in North America, the book features an engaging and authoritative text by noted beetle expert Arthur Evans.

Extensive introductory sections provide essential information on beetle anatomy, reproduction, development, natural history, behavior, and conservation. Also included are tips on where and when to find beetles; how to photograph, collect, and rear beetles; and how to contribute to research. Each family and species account presents concise and easy-to-understand information on identification, natural history, collecting, and geographic range. Organized by family, the book also includes an illustrated key to the most common beetle families, with 31 drawings that aid identification, and features current information on distribution, biology, and taxonomy not found in other guides.

An unmatched guide to the rich variety of eastern North American beetles, this is an essential book for amateur naturalists, nature photographers, insect enthusiasts, students, and professional entomologists and other biologists.

- ◆ Provides the only comprehensive, authoritative, and accessible full-color treatment of the region's beetles
- ◆ Covers 1,400 species in all 115 families east of the Mississippi River
- ◆ Features more than 1,500 stunning color images from top photographers
- ◆ Presents concise information on identification, natural history, collecting, and geographic range for each species and family

JUNE

Paper \$35.00T

978-0-691-13304-1

544 pages. 1,500+ color illus.

31 line illus. 8 x 10.

NATURAL HISTORY ■ INSECTS

Arthur V. Evans is an entomologist, author, lecturer, photographer, and broadcaster. He has written and cowritten many books, including *An Inordinate Fondness for Beetles*, the *Field Guide to Beetles of California*, and the *National Wildlife Federation Field Guide to Insects and Spiders of North America*.

BUMBLE BEES OF NORTH AMERICA

An Identification Guide

PAUL H. WILLIAMS,
ROBBIN W. THORP,
LEIF L. RICHARDSON &
SHEILA R. COLLA

More than ever before, there is widespread interest in studying bumble bees and the critical role they play in our ecosystems. *Bumble Bees of North America* is the first comprehensive guide to North American bumble bees to be published in more than a century. Richly illustrated with color photographs, diagrams, range maps, and graphs of seasonal activity patterns, this guide allows amateur and professional naturalists to identify all 46 bumble bee species found north of Mexico and to understand their ecology and changing geographic distributions.

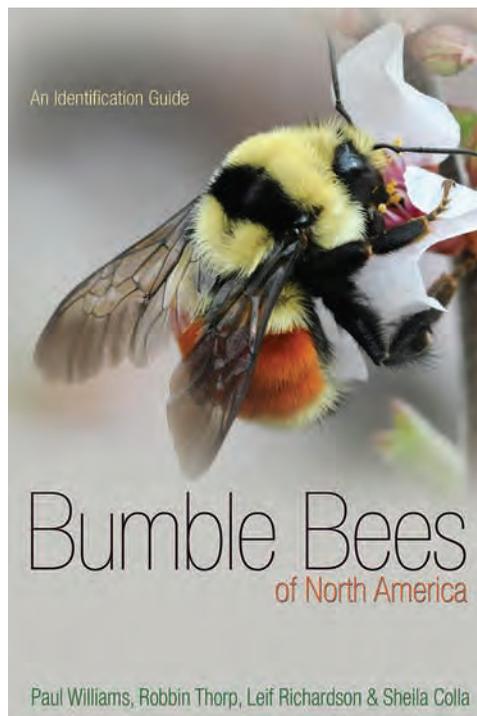
The book draws on the latest molecular research, shows the enormous color variation within species, and guides readers through the many confusing convergences between species. It draws on a large repository of data from museum collections and presents state-of-the-art results on evolutionary relationships, distributions, and ecological roles. Illustrated keys allow identification of color morphs and social castes.

A landmark publication, *Bumble Bees of North America* sets the standard for guides and the study of these important insects.

- ◆ The best guide yet to the 46 recognized bumble bee species in North America north of Mexico
- ◆ Up-to-date taxonomy includes previously unpublished results
- ◆ Detailed distribution maps
- ◆ Extensive keys identify the many color patterns of species

Paul H. Williams is a research entomologist at the Natural History Museum in London. **Robbin W. Thorp** is professor emeritus of entomology at the University of California, Davis. **Leif L. Richardson** is a doctoral candidate in the Department of Ecology and Evolutionary Biology at Dartmouth College. **Sheila R. Colla** is an NSERC postdoctoral fellow and project leader at Wildlife Preservation Canada.

THE ESSENTIAL GUIDE FOR IDENTIFYING
THE BUMBLE BEES OF NORTH AMERICA



“A better team of scientists couldn’t have written this amazing new book on bumble bees. Filled with diverse content, it will be popular with its broad audience. Readers will want to get out and find bumble bees, observe them, and learn what they can do to conserve them.”

—**Stephen L. Buchmann, University of Arizona**

APRIL

Paper \$24.95T

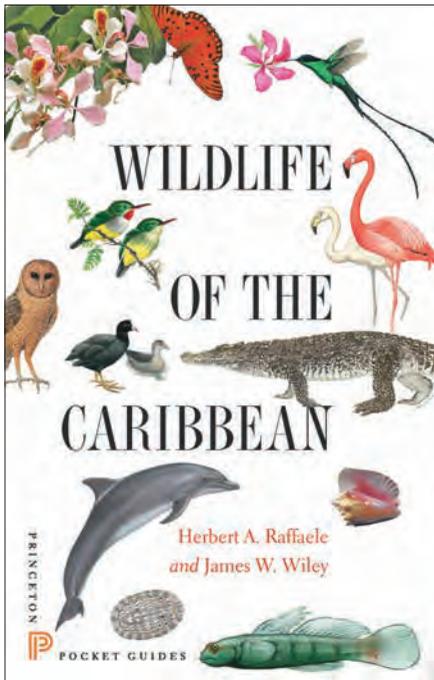
978-0-691-15222-6

208 pages. 150 color illus. 6 x 9.

FIELD GUIDES ■ NATURAL HISTORY

PRESS.PRINCETON.EDU

THE ESSENTIAL GUIDE TO THE LIVING WONDERS
OF THE CARIBBEAN ISLANDS



“This well-organized book is an exemplary resource on Caribbean wildlife. It fills a major gap in the literature for lay audiences and is most welcome.”

—Catherine Levy, Windsor Research Centre, Jamaica

WILDLIFE OF THE CARIBBEAN

HERBERT A. RAFFAELE &
JAMES W. WILEY

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

Herbert A. Raffaele has worked in the Caribbean for over four decades. He directed wildlife conservation for Puerto Rico’s Department of Natural Resources and served as chief of Latin American and Caribbean programs for the U.S. Fish and Wildlife Service. **James W. Wiley** has conducted ornithological research throughout the Caribbean since 1972. Raffaele and Wiley are coauthors of *Birds of the West Indies* (Princeton).

PRINCETON POCKET GUIDES

JUNE

Paper \$19.95T

978-0-691-15382-7

304 pages. 600 color illus.

1 map. 5 x 8.

FIELD GUIDES ■ NATURAL HISTORY

PRESS.PRINCETON.EDU

THE AMAZING WORLD OF FLYINGFISH

STEVE N. G. HOWELL

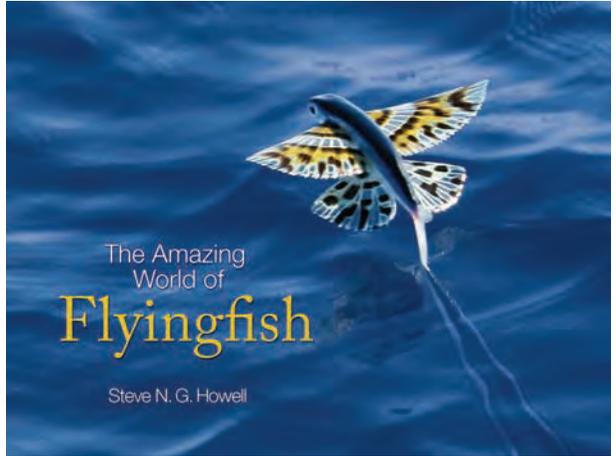
A ONE-OF-A-KIND ILLUSTRATED BOOK
THAT PRESENTS FLYINGFISH AS
YOU'VE NEVER SEEN THEM BEFORE

If you travel the open ocean anywhere in the tropics, you are very likely to see flyingfish. These beautifully colored “ocean butterflies” shoot out of the water and sail on majestic, winglike pectoral fins to escape from predators such as dolphins, swordfish, and tuna. Some can travel for more than six hundred feet per flight. Yet despite their prevalence in warm ocean waters and their vital role in the tropical food chain, surprisingly little is known about flyingfish—more than 60 species are said to exist, but nobody is sure of the number. This beautifully illustrated book presents flyingfish as you’ve never seen them before. It features more than 90 stunning color photos by renowned naturalist Steve Howell, as well as a concise and accessible text that explores the natural history of flyingfish, where they can be found, how and why they fly, what colors they are, what they eat and what eats them, and more.

The ideal gift for fish lovers, seasoned travelers, and armchair naturalists alike, this first-of-its-kind book provides a rare and incomparable look at these spectacular marine creatures.

- ◆ Presents flyingfish like you’ve never seen them before
- ◆ Features more than 90 stunning color images
- ◆ Explores the natural history of flyingfish, where to see them, how they fly, and more
- ◆ The ideal gift book for fish lovers, ecotourists, birders, and armchair naturalists

Steve N. G. Howell is a senior leader with WINGS, an international bird tour company, and has spent almost four years of his life traveling throughout the world’s oceans. His books include *Rare Birds of North America* and *Petrels, Albatrosses, and Storm-Petrels of North America* (both Princeton).



“For those readers who have never ventured onto a tropical sea and don’t yet believe that fish can fly, prepare to be dazzled by Howell’s stunning photographs and to be amazed and charmed by flyingfish.”

—**Robert L. Pitman, National Oceanic and Atmospheric Administration**



JULY

Cloth \$12.95T

978-0-691-16011-5

48 pages. 94 color photos. 8 x 6.

NATURAL HISTORY ■ FISH

PRESS.PRINCETON.EDU

BRITAIN'S DRAGONFLIES

A Field Guide to the Damselflies
and Dragonflies of Britain and Ireland

Third Edition

DAVE SMALLSHIRE & ANDY SWASH

Britain's Dragonflies is a highly acclaimed comprehensive photographic field guide to the damselflies and dragonflies of Britain and Ireland. This fully revised and updated edition features hundreds of stunning images and easy-to-use identification charts that help beginners and experts to recognize any species they encounter.

The guide provides comprehensive coverage of the 56 resident and migrant species and 7 potential vagrants, as well as 12 exotic species that have been introduced accidentally. Beautiful color plates depict every species and illustrate males, females, immatures, and all color forms. Innovative identification charts summarize the key features of both adults and larvae. For each species, a detailed profile provides information on adult identification, distribution, flight periods, behavior, habitat requirements, status, and conservation. Other sections cover biology, habitats, how and where to watch dragonflies, photography, recording and monitoring, and legislation and protection.

Dave Smallshire and **Andy Swash** are two of Britain's foremost dragonfly experts. Both are professional ecologists and former environmental advisers to the UK government. Smallshire is a trustee of the British Dragonfly Society, and Swash is managing director of *WILDGuides* and World Wildlife Images.

BRITAIN'S WILDLIFE



JUNE

Paper \$25.95S

978-0-691-16123-5

208 pages.

453 color photos.

321 line illus. 66 maps. 6 x 8.

FIELD GUIDES ■
NATURAL HISTORY

Distributed by
Princeton University Press

A SPARROWHAWK'S LAMENT

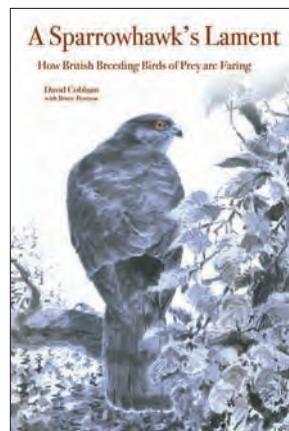
How British Breeding Birds of Prey Are Faring

DAVID COBHAM & BRUCE PEARSON

Britain is home to fifteen species of breeding birds of prey, from the hedgerow-hopping Sparrowhawk to the breathtaking White-tailed Eagle. In this handsomely illustrated book, acclaimed British filmmaker and naturalist David Cobham offers unique and deeply personal insights into Britain's birds of prey and how they are faring today. He delves into the history of these marvelous birds and talks in depth with the scientists and conservationists who are striving to safeguard them. In doing so, he profiles the writers, poets, and filmmakers who have done so much to change the public's perception of birds of prey. Thanks to popular television programs, the Victorian myth that any bird with a hooked beak is evil has been dispelled. However, although there are success stories—five birds of prey that were extinct have become reestablished with viable populations—persecution is still rife: so much so that one bird of prey, the Hen Harrier, became extinct in England as a breeding bird in 2013.

Featuring drawings by famed wildlife artist Bruce Pearson, this book reveals why we must cherish and celebrate our birds of prey, and why we neglect them at our peril.

David Cobham is a renowned British film and television producer and director, notable for such films as *The Goshawk*, *The Vanishing Hedgerows*, and *Tarka the Otter*. He is a vice president of the Hawk and Owl Trust. **Bruce Pearson** is one of Britain's best-known wildlife artists.



JUNE

Cloth \$35.00T

978-0-691-15764-1

256 pages. 80 line illus. 6 x 8 1/2.

NATURAL HISTORY ■ BIRDS

Distributed by
Princeton University Press

BIRDS OF KENYA'S RIFT VALLEY

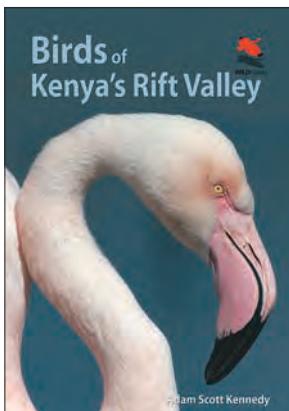
ADAM SCOTT KENNEDY

Kenya's East African Rift Valley includes four major national parks—Lake Nakuru, Lake Bogoria, Mount Longonot, and Hell's Gate—as well as smaller outstanding wildlife areas. *Birds of Kenya's Rift Valley* looks at the more than 300 bird species most likely to be encountered on safari in this world-famous region, from Lake Magadi in the south to Lake Baringo in the north. Featuring 500 detailed color photos, this stunning guide breaks new ground with its eye-catching layout and easy-to-use format, and the no-jargon approach to descriptions makes the guide easily accessible to anyone. The volume uses a habitat-based approach to the order of species, and readers are alerted to specific species behaviors and etymology. *Birds of Kenya's Rift Valley* will get you identifying bird species in no time.

- ◆ Stunning plates and images of more than 300 bird species
- ◆ Major plumage variations featured
- ◆ Jargon-free text
- ◆ Helpful notes on behavior and what to look for

Adam Scott Kennedy has served as principal leader on birding holidays in Africa, South America, Europe, and New Zealand. With his wife, Vicki, he currently operates as a private safari guide, specializing in photographic and wildlife safaris in East Africa. Information on their tours and stock image library can be found at www.rawnaturephoto.com. He is the author of *Birds of the Masai Mara* (Princeton).

WILDLIFE EXPLORER GUIDES



MARCH

Paper \$29.95T
978-0-691-15907-2
264 pages.
500 color illus. 6 x 8.

FIELD GUIDES ■ BIRDS

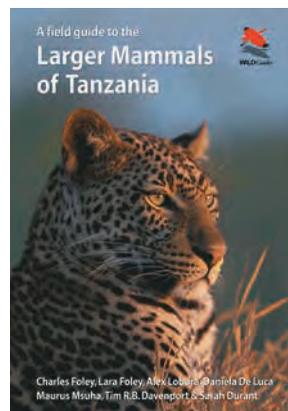
Distributed by
Princeton University Press

A FIELD GUIDE TO THE LARGER MAMMALS OF TANZANIA

CHARLES FOLEY, LARA FOLEY,
ALEX LOBORA, DANIELA DE LUCA,
MAURUS MSUHA,
TIM R. B. DAVENPORT &
SARAH DURANT

This field guide covers all the larger mammals of Tanzania, including marine mammals and some newly discovered species. Detailed accounts are provided for more than 135 species, along with color photos, color illustrations of marine mammals, and distribution maps. Accounts for land species give information on identification, subspecies, similar species, ecology, behavior, distribution, conservation status, and where best to see each species. The guide also features plates with side-by-side photographic comparisons of species that are easily confused, as well as first-time-ever species checklists for every national park.

Charles Foley is assistant country director for the Wildlife Conservation Society in Tanzania. **Lara Foley** is program manager of the Wildlife Conservation Society's Tarangire Elephant Project. **Alex Lobora** is senior research officer at the Tanzania Wildlife Research Institute. **Daniela De Luca** is senior scientist for the Wildlife Conservation Society's conservation programs in the Southern Highlands of Tanzania and Zanzibar. **Maurus Msuha** is head of wildlife information and education at the Tanzania Wildlife Research Institute. **Tim R. B. Davenport** is country director for the Wildlife Conservation Society in Tanzania. **Sarah Durant** is senior research fellow at the Zoological Society of London's Institute of Zoology.



JULY

Paper \$29.95T
978-0-691-16117-4
320 pages.
300 color illus.
140 maps. 6 x 8.

FIELD GUIDES ■
MAMMALS

Distributed by
Princeton University Press

ANIMALS OF THE SERENGETI

And Ngorongoro Conservation Area

ADAM SCOTT KENNEDY &
VICKI KENNEDY

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

Since 2008, **Adam Scott Kennedy** and **Vicki Kennedy** have managed remote luxury safari camps in Tanzania and Kenya and now operate as private safari guides, specializing in photographic and wildlife safaris in East Africa. Information on their tours and stock image library can be found at www.rawnaturephoto.com. They are the coauthors of *Animals of the Masai Mara* (Princeton).

WILDLIFE EXPLORER GUIDES



MARCH

Paper \$27.95T
978-0-691-15908-9
152 pages.
146 color illus. 6 x 8.

FIELD GUIDES ■
NATURAL HISTORY

Distributed by
Princeton University Press

BIRDS OF THE SERENGETI

And Ngorongoro Conservation Area

ADAM SCOTT KENNEDY

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

Adam Scott Kennedy has served as principal leader on birding holidays in Africa, South America, Europe, and New Zealand. With his wife, Vicki, he currently operates as a private safari guide, specializing in photographic and wildlife safaris in East Africa.

WILDLIFE EXPLORER GUIDES



MARCH

Paper \$27.95T
978-0-691-15910-2
224 pages.
480 color illus. 6 x 8.

FIELD GUIDES ■ BIRDS

Distributed by
Princeton University Press

**PHILLIPPS' FIELD GUIDE TO
THE BIRDS OF BORNEO**

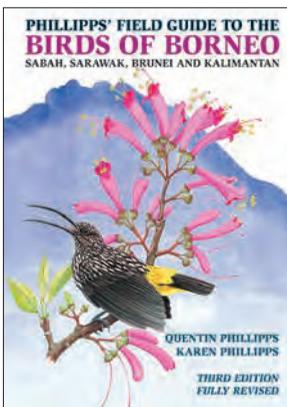
Sabah, Sarawak, Brunei, and Kalimantan

QUENTIN PHILLIPPS &
KAREN PHILLIPPS

**Third Edition
Fully Revised**

This is the fully revised and updated third edition of an acclaimed field guide to the birds of Borneo, covering Sabah, Sarawak, Brunei, and Kalimantan. The result is the most up-to-date, comprehensive, and user-friendly guide to the island's remarkably diverse birdlife. The book covers all 670 species living or reported on Borneo, including all 54 endemic species. Each species is superbly illustrated in 141 color plates containing more than 2,000 full-color bird images, which provide multiple large views of each species, including most of the sexual variants and immature forms of polymorphic species. Each plate is accompanied by facing-page species descriptions covering taxonomy, size, call, range, distribution, habits, and status. Distribution is also shown with 610 detailed color thumbnail maps on facing pages.

Quentin Phillipps is a native of Borneo who has been fascinated by its wildlife and natural history since he was a child. **Karen Phillipps** is a native of Borneo who has illustrated many books on Asian wildlife, including *A Field Guide to the Mammals of Borneo*, *A Field Guide to the Birds of China*, and *The Birds of Sulawesi*.



APRIL

Paper \$35.00T
978-0-691-16167-9
384 pages.
141 color illus.
610 color maps. 6 x 8.
FIELD GUIDES ■ BIRDS

For sale only in the
United States and Canada

**CONUS OF THE SOUTHEASTERN
UNITED STATES AND CARIBBEAN**

ALAN J. KOHN

Conus is the largest genus of animals in the sea, occurring throughout the world's tropical and subtropical oceans. The shells of these marine mollusks are prized for their amazing variety and extraordinary beauty. The neurotoxic venoms they produce—injected by a hollow, harpoon-like tooth into prey animals that are then paralyzed and swallowed whole—have a range of pharmaceutical applications, from painkillers to anti-depressants. This beautifully illustrated book identifies 53 valid species of the southeastern United States and the Caribbean, a region that supports a diverse but taxonomically challenging group of *Conus*. Introductory chapters cover the evolution and phylogeny of the genus, and notes on methodology are provided. Detailed species accounts describe key identification features, taxonomy, distribution, ecology, toxicology, life history, and evolutionary relationships.

- ◆ The first reassessment of western Atlantic *Conus* in more than seventy years
- ◆ Features more than 2,100 photos of shells on 109 color plates
- ◆ Blends the traditional shell-character approach to identification with cutting-edge shell and radular tooth morphometrics and molecular genetic analyses
- ◆ Includes color images of live animals as well as color distribution maps

Alan J. Kohn is professor emeritus of biology at the University of Washington.



JULY

Cloth \$99.50S
978-0-691-13538-0
528 pages. 109 color plates.
97 color illus. 32 halftones.
12 line illus. 12 tables.
35 color maps. 8 1/2 x 11.

NATURAL HISTORY