

Cambridge Encyclopedia Of Ornithology

This book is an attempt to acknowledge the discipline 'wetland science' and to consolidate research findings, reviews and synthesis articles on different aspects of the wetlands in South Asia. The book presents 30 chapters by an international mix of experts in the field, who highlight and discuss diverse issues concerning wetlands in South Asia as case studies. The chapters are divided into different themes that represent broad issues of concern in a systematic manner keeping in mind students, researchers and general readers at large. The book introduces readers to the basics and theory of wetland science, supplemented by case studies and examples from the region. It also offers a valuable resource for graduate students and researchers in allied fields such as environmental studies, limnology, wildlife biology, aquatic biology, marine biology, and landscape ecology. To date the interdisciplinary field 'wetland science' is still rarely treated as a distinct discipline in its own right. Further, courses on wetland science aren't taught at any of the world's most prestigious universities; instead, the topics falling under this discipline are generally handled under the disciplines 'ecology' or under the extremely broad heading of 'environmental studies'. It is high time that 'Wetland Science' be acknowledged as an interdisciplinary sub-discipline, which calls for an attempt to consolidate its various subtopics and present them comprehensively. Thus, this book also serves as a reference base on wetlands and facilitates further discussions on specific issues involved in safeguarding a sustainable future for the wetland habitats of this region.

This work is a comprehensive, thoroughly annotated directory

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filled with hundreds of esteemed resources published in the field of zoology.

This definitive monograph focuses on the population, biology, and behavioral ecology of feral pigeons, a familiar but seldom studied bird. Includes a thorough listing of primary references of US and European scholarly literature.

Gives advice on using birdhouses, feeders, and birdbaths to attract wild birds, tells how to care for young or injured birds, and describes plantings and sounds favored by birds

A dynamic account of ornithological history in America's heartland. Today, more than fifty million Americans traipse through wetlands at dawn, endure clouds of mosquitoes, and brave freezing autumn winds just to catch a glimpse of a bird. The human desire to connect with winged creatures defies age and generation. In the Midwest, humans and birds have lived together for more than twelve thousand years. Taking Flight explores how and why people have worshipped, feared, studied, hunted, eaten, and protected the birds that surrounded them. Author and birder Michael Edmonds has combed archaeological reports, missionaries' journals, travelers' letters, early scientific treatises, the memoirs of American Indian elders, and the folklore of hunters, farmers, and formerly enslaved people throughout the Midwest to reveal how our ancestors thought about the very same birds we see today. Whether you're a casual bird-watcher, a hard-core life-lister, or simply someone who loves the outdoors, you'll look at birds differently after reading this book.

Stray Feathers showcases some of the remarkable adaptations of Australian birds. A brief introduction describes how evolution shapes form and function, followed by a series of vignettes illustrating the wondrous variety of forms and functions shaped by evolution. For example, did you know that Barn Owls can hunt in absolute darkness and that cuckoos commence incubation before their egg is laid?

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Sections include anatomy and physiology; the senses; giving voice; tongues talking; plumage; getting around; finding and handling food; optimising foraging and feeding; reducing competition; using 'tools'; communicating; quality vs quantity; courtship; nests; parental care; chicks; and living together. The book is superbly illustrated with black and white drawings of a range of birds, making it a worthy addition to the bookshelves of bird lovers everywhere.

What is it like to be a swift, flying at over one hundred kilometres an hour? Or a kiwi, plodding flightlessly among the humid undergrowth in the pitch dark of a New Zealand night? And what is going on inside the head of a nightingale as it sings, and how does its brain improvise? *Bird Sense* addresses questions like these and many more, by describing the senses of birds that enable them to interpret their environment and to interact with each other. Our affinity for birds is often said to be the result of shared senses--vision and hearing--but how exactly do their senses compare with our own? And what about a bird's sense of taste, or smell, or touch, or the ability to detect the earth's magnetic field? Or the extraordinary ability of desert birds to detect rain hundreds of kilometres away--how do they do it? *Bird Sense* is based on a conviction that we have consistently underestimated what goes on in a bird's head. Our understanding of bird behaviour is simultaneously informed and constrained by the way we watch and study them. By drawing attention to the way these frameworks both facilitate and inhibit discovery, Birkhead identifies ways we can escape from them to explore new horizons in bird behaviour. There has never been a popular book about the senses of birds. No one has previously looked at how birds interpret the world or the way the behaviour of birds is shaped by all their senses. A lifetime spent studying birds has provided Tim Birkhead with a wealth of observation and a unique understanding of

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birds and their behaviour that is firmly grounded in science. *Bird Nests and Construction Behaviour* provides a broad view of our understanding of the biology of the nests, bowers and tools made by birds. It illustrates how, among vertebrates, the building abilities of birds are more impressive and consistent than for any other builders other than ourselves, yet birds seem to require no special equipment, and use quite uncomplicated behaviour. In doing so, the book raises general issues in the field of behavioural ecology including the costs of reproduction, sexual selection and the organisation and complexity of behaviour. Written for students and researchers of animal behaviour, behavioural ecology and ornithology, it will nevertheless make fascinating reading for architects and engineers interested in understanding how structures are created by animals.

Essential Ornithology provides the reader with a concise but comprehensive introduction to the biology of birds, one of the most widely studied taxonomic groups. The book begins by considering the dinosaur origins of birds and their subsequent evolution. Development, anatomy, and physiology are then discussed followed by chapters devoted to avian reproduction, migration, ecology, and conservation. Sections dealing with aspects of bird/human relationships and bird conservation give the book an applied context. This new edition has been thoroughly updated, providing new information from rapidly-developing fields including the avian fossil record, urban and agricultural ecology, responses to climate change, invasive species biology, technologies to track movement, avian disease, and the role of citizen scientists. There is also a greater focus on North American ornithology. Drawing extensively upon the wider scientific literature, this engaging text places the results of classical studies of avian biology alongside the most recent scientific breakthroughs. Useful case studies are presented in a

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concise and engaging style with the student reader foremost in mind. Key points are highlighted and suggestions for guided reading and key references are included throughout. Essential Ornithology is a companion textbook for advanced undergraduate and graduate students taking courses in avian science, as well as a useful reference for professional researchers and consultants. Amateur ornithologists will also find this book offers a scientifically rigorous and accessible overview for a more general readership.

Surveys current understanding of dinosaur reproduction, including what the microscopic structure of the eggshell, the pattern of eggs in a clutch, and the ornamentation of adults reveal about eggs, development, and mating.

The lives and activities of seabirds as you've never seen them before. Seabirds evoke the spirit of the earth's wildest places. They spend large portions of their lives at sea, often far from land, and nest on remote islands that humans rarely visit. Thanks to increasingly sophisticated and miniaturized devices that can track their every movement and behavior, it is now possible to observe the mysterious lives of these remarkable creatures as never before. This book takes you on a breathtaking journey around the globe to provide an extraordinary up-close look at the activities of seabirds.

Featuring stunning illustrations by renowned artist Bruce Pearson, Far from Land reveals that seabirds are not the aimless wind-tossed wanderers they may appear to be, and explains the observational innovations that are driving this exciting area of research.

Visiting all the world's seas, the 125 species of albatross and petrel are the most oceanic and widespread of all seabirds. The nesting islands tenanted by these remarkable birds include some of the remotest atolls and some of the bleakest ice-bound Antarctic islands on the planet. Despite their penchant for the remote, petrels are now well studied ashore

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during breeding and, thanks to the rapid development of satellite tracking and similar techniques, when they roam the high seas. In this comprehensive and elegantly written book, Michael Brooke, who has visited some 40 countries in pursuit of birds, has brought together a wealth of information on all aspects of the biology of the species. He considers why Short-tailed Shearwaters nesting off Australia make regular 10,000 km round trips to Antarctica to harvest a single meal for their chicks, and he discusses the fearsome threat posed to most of the world's 21 albatross species by modern fishing techniques, especially long-lining. Following the ten introductory chapters come 125 individual species accounts, each accompanied by a detailed distribution map. These accounts are the most accessible and up-to-date summaries of each species' biology currently available. The book is enhanced by 16 color plates and many delightful line drawings by John Cox, and the text is also liberally illustrated with photographs. Albatrosses and Petrels Across the World will appeal to all seabird enthusiasts, whether non-specialists keen to learn more of the species that can be seen on a pelagic cruise, or professionals eager to discover how the extraordinary lifestyles of albatrosses and petrels are adaptations to a life on the ocean waves.

Profiles hunting and gathering peoples from around the world, and discusses such topics as prehistory, social life, gender, music and art, health, religion, and indigenous knowledge. This RSPB-endorsed book answers all those burning questions about birds that beginners and experts alike may ask themselves as they go about their birding. How do ducks keep their feet from freezing in winter? Why don't swallows stay in Africa? Are birds really dinosaurs, or were dinosaurs really birds? How is it decided whether bird species should be 'split' or 'lumped'? Taking a 'questions and answers' approach, each specific question leads to an answer which

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expands the theme under discussion, so that all aspects of bird life and the hobby of birding are covered. The scientifically rigorous answers together form an impressive and fascinating body of bird-related information. This highly readable book will intrigue anyone with an interest in birds. "Concise and informative, in a chatty everyday style... a great book for dipping into." Birds "Packed with hundreds of questions that anyone broadly interested in birds might ask, each one answered in an easy-to-understand manner. Excellent for anyone, new to birdwatching or not." BTO News First Published in 2001. Routledge is an imprint of Taylor & Francis, an informa company.

Animal Traditions maintains that the assumption that the selection of genes supplies both a sufficient explanation of the evolution and a true description of its course is, despite its almost universal acclaim, wrong. Eytan Avital and Eva Jablonka contend that evolutionary explanations must take into account the well-established fact that in mammals and birds, the transfer of learnt information is both ubiquitous and indispensable. The introduction of the behavioural inheritance system into the Darwinian explanatory scheme enables the authors to offer new interpretations for common behaviours such as maternal behaviours, behavioural conflicts within families, adoption and helping. This approach offers a richer view of heredity and evolution, integrates developmental and evolutionary processes, suggests new lines for research, and provides a constructive alternative to both the selfish gene and meme views of the world. It will make stimulating reading for all those interested in evolutionary biology, sociobiology, behavioural ecology and psychology.

The biological sciences cover a broad array of literature types, from younger fields like molecular biology with its reliance on recent journal articles,

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genomic databases, and protocol manuals to classic fields such as taxonomy with its scattered literature found in monographs and journals from the past three centuries. Using the *Biological Literature: A Practical Guide*, Fourth Edition is an annotated guide to selected resources in the biological sciences, presenting a wide-ranging list of important sources. This completely revised edition contains numerous new resources and descriptions of all entries including textbooks. The guide emphasizes current materials in the English language and includes retrospective references for historical perspective and to provide access to the taxonomic literature. It covers both print and electronic resources including monographs, journals, databases, indexes and abstracting tools, websites, and associations—providing users with listings of authoritative informational resources of both classical and recently published works. With chapters devoted to each of the main fields in the basic biological sciences, this book offers a guide to the best and most up-to-date resources in biology. It is appropriate for anyone interested in searching the biological literature, from undergraduate students to faculty, researchers, and librarians. The guide includes a supplementary website dedicated to keeping URLs of electronic and web-based resources up to date, a popular feature continued from the third edition.

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The cognitive abilities of birds are remarkable: hummingbirds integrate spatial and temporal information about food sources, day-old chicks have a sense of numbers, parrots can make and use tools, and ravens have sophisticated insights in social relationships. This volume describes the full range of avian cognitive abilities, the mechanisms behind such abilities and how they relate to the ecology of the species. Synthesising the latest research in avian cognition, a range of experts in the field provide first-hand insights into experimental procedures, outcomes and theoretical advances, including a discussion of how the findings in birds relate to the cognitive abilities of other species, including humans. The authors cover a range of topics such as spatial cognition, social learning, tool use, perceptual categorization and concept learning, providing the broader context for students and researchers interested in the current state of avian cognition research, its key questions and appropriate experimental approaches.

Rarely has a book so packed with accurate and well researched factual information been so widely read and popularly acclaimed. This Second Edition of The Cambridge Encyclopedia of the English Language has been fully revised for a new generation of language-lovers. The book is longer and includes extensive new material on world English and Internet English, in addition to completely updated statistics,

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further reading suggestions and other references. First Edition Hb (1995): 0-521-40179-8 First Edition Pb (1997): 0-521-59655-6 David Crystal is a leading authority on language, and author of many books, including most recently *Shakespeare's Words* (Penguin, 2002), *Language and the Internet* (Cambridge, 2001) and *Language Death* (Cambridge, 2000). An internationally renowned writer, journal editor, lecturer and broadcaster, he received an Order of the British Empire in 1995 for his services to the English language.

Established in 1982, *People of Today* annually recognises over 20,000 individuals who are positively influencing Britain and inspiring others through their achievements and leadership. Entry is by invitation only. The objective criteria for inclusion and removal are strictly maintained, ensuring it is the only publication of its type whose membership accurately reflects people of influence today. Expert nomination panels guarantee *People of Today* is uniquely current and trusted and encompasses over 40 sectors, from academia, law and business to charity, sport and the arts.

How Fast Can a Falcon Dive? explores the world of raptors in a way that will appeal to bird lovers and biology enthusiasts alike. This colorful volume is complete with more than fifty-five color and black and white images from photographers and artists around the world. In a reader friendly question and

answer format, ornithologist Peter Capainolo and science writer Carol A. Butler define and classify raptors, explore the physical attributes of birds of prey, view how their bodies work, and explain the social and physical behaviors of these species-how they communicate, hunt, reproduce, and more. Capainolo, who received one of the first falconry licenses issued in New York state at age eighteen, relates his personal experience in falconry to describe raptor training and husbandry where the human-bird interactions are complex. From stories of red-tailed hawks making their homes on the ledges of Manhattan skyscrapers to their role in protecting California's vineyards from flocks of grape-loving starlings, *How Fast Can a Falcon Dive?* explores how these avian predators interact with people and with their environment.

Selected by Forbes.com as one of the 12 best books about birds and birding in 2016 This much-anticipated third edition of the *Handbook of Bird Biology* is an essential and comprehensive resource for everyone interested in learning more about birds, from casual bird watchers to formal students of ornithology. Wherever you study birds your enjoyment will be enhanced by a better understanding of the incredible diversity of avian lifestyles. Arising from the renowned Cornell Lab of Ornithology and authored by a team of experts from around the world, the *Handbook* covers all aspects

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of avian diversity, behaviour, ecology, evolution, physiology, and conservation. Using examples drawn from birds found in every corner of the globe, it explores and distills the many scientific discoveries that have made birds one of our best known - and best loved - parts of the natural world. This edition has been completely revised and is presented with more than 800 full color images. It provides readers with a tool for life-long learning about birds and is suitable for bird watchers and ornithology students, as well as for ecologists, conservationists, and resource managers who work with birds. The Handbook of Bird Biology is the companion volume to the Cornell Lab's renowned distance learning course, Ornithology: Comprehensive Bird Biology. From the function of earwax to why woodpeckers do not damage their brains and the truth about spontaneous human combustion, a compendium answers 225 inquiries into everyday science mysteries.

Describes adaptations for avian aerodynamics, and offers tips on spotting and identifying airborne birds. In this volume, Marjorie O'Rourke Boyle probes significant concepts of the human spirit in Western religious culture across more than two millennia, from the book of Genesis to early modern science. The Human Spirit treats significant interpretations of human nature as religious in political, philosophical, and physical aspects by tracing its historical subject through the Priestly

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tradition of the Hebrew Bible and the writings of the apostle Paul among the Corinthians, the innovative theologians Augustine and Aquinas, the reformatory theologian Calvin, and the natural philosopher and physician William Harvey. Boyle analyzes the particular experiences and notions of these influential authors while she contextualizes them in community. She shows how they shared a conviction, although distinctly understood, of the human spirit as endowed by or designed by a divine source of everything animate. An original and erudite work that utilizes a rich and varied array of primary source material, this volume will be of interest to intellectual and cultural historians of religion, philosophy, literature, and medicine.

The general interest and attention paid to the use of the renewable natural resources of the world have increased greatly during the last decades. This is due to the environmental dilemma into which mankind has got itself by the total disregard of ecological facts and laws, the underpricing of natural resources and the overemphasis on economic development, coupled with unimpeded rapid population growth and the preponderance of materialistic consumption-oriented attitudes. The management and use of natural resources such as forests, grasslands, rivers and lakes were formerly considered purely in a financial context, whereas latterly, a consciousness of their social function and the indirect economic benefits which can be derived from them has developed. Thus, as regards these traditional resources, multi-use concepts comprising economically oriented utilisation as well as recreational, educational and social

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use have become widely accepted. Conservation of natural resources for sustainable consumptive as well as non-consumptive uses has been recognised as a key element for maintaining economic development all over the world. Fortunately, the industrialised countries have started to apply this principle themselves and in their technical and financial aid to the developing Third World countries. This is manifest from policy documents such as the World Bank Policy on Development of Wild Lands, issued in 1987.

Animal Creativity and Innovation explores theories and research on animal innovation and creativity, comparing and contrasting it with theory and research on human creativity and innovation. In doing so, it encompasses findings from psychology, biology, neuroscience, engineering, business, ecology, and education. The book includes examples of animal innovation in parrots, dogs, marine mammals, insects, and primates, exploring parallels from creative play in children. The book defines creativity, differentiating it from play, and looks at evolutionary models and neurological constructs. The book further explores applied aspects of animal innovation and creativity including tool use and group dynamics, as well as barriers to creativity. The final chapters look into how creative behavior may be taught or trained. Each chapter is followed by a commentary for integration of thoughts and ideas between animal and human research, behavioral and cognitive research, and theory and observation in real life. Compares theory and research on animal and human creativity Defines and differentiates creativity from play Reviews applied

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creativity in tool use and social dynamics Includes examples of animal creativity in multiple species Jeffrey Moussaieff Masson's "marvelous" (Jane Goodall) New York Times bestseller, *When Elephants Weep*, made us re-evaluate the emotional lives of animals. And in his follow-up New York Times bestseller, *Dogs Never Lie About Love*, Masson reflected with "intelligence and originality" (Los Angeles Times Sunday Book Review) on the emotional world of dogs. Now, in *The Emperor's Embrace*, Masson offers a remarkable look at one of the most fulfilling roles in the animal world: fatherhood. With fascinating insight, impeccable research, and captivating writing, controversial psychoanalyst Jeffrey Masson, a new father himself, introduces us to the world's best dads. He takes us to such places as Antarctica, as he explores how emperor penguin fathers incubate the eggs of their young by carrying them around on their feet for two months, nestled beneath a special brood pouch. And he tells us how, once the babies hatch, the fathers snuggle the babies on their feet until the mother returns from her time at sea, feeding them a special milk-like substance until her arrival. Masson, a superb storyteller, showcases the extraordinary behavior of outstanding fathers, heroes among animals, including: the wolf -- and why wolves make good fathers and dogs don't the beaver, who encourages his young to cling to his tail as he navigates through ponds the sea horse, the only male animal that gives birth to its young the marmoset, the South American monkey who carries his babies for the first two years of their lives wherever he goes. Masson also examines nature's worst fathers: lions, langurs,

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bears -- and humans. He shows that when a father does care for his young, as with the beaver, we immediately look for a biological and not an emotional explanation. But Masson demonstrates that for these animals, as with humans, fatherhood is a profound, all-encompassing experience. Groundbreaking, compelling, inspirational, Masson's unique look at one of nature's most venerable institutions takes us to animal habitats around the world, yet always returns to the heart. For animal lovers, fathers, mothers, sons, and daughters everywhere, *The Emperor's Embrace* is a book that will forever change our perceptions of parenthood and family love.

Lists over 750 sources focusing on the reference needs of adults. The primary objective was to select quality reference tools which cover many different topics. Topics include general works, biography, philosophy, religion, language, literature, visual arts, applied sciences, sports and recreation, home life, social customs and education. Discusses science literacy, recommends reference resources, and presents annotated bibliographies for nine subject areas featuring print and nonprint titles. Contains maps, color illustrations, and statistics on 700 species of birds.

The essential guide to successfully designing, conducting and reporting primatological research.

As the study of cooperative breeding systems expands, a number of key species form the examples that underpin our general understanding. The ostrich is increasingly becoming such a textbook species, on the basis of the results obtained in Brian Bertram's study of vigilance and egg discrimination in this extraordinary bird. Here Bertram presents new data on

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the ostrich communal nesting system, in which several females lay in one female's nest, with only one female and the male doing all the work. The Ostrich Communal Nesting System unravels the basis of the cooperation observed, and explains how a system involving apparent altruism is maintained by natural selection. It is now possible as never before to explain and quantify the effects of the different choices these birds make and to integrate ecological and morphological factors such as predation and size. Based on three seasons of study in Tsavo West National Park in Kenya, this book depended on recognizing individual birds, detecting and monitoring well-concealed nests, determining motherhood of eggs from their surface appearance, and time-lapse photography of nests. Key findings were that females could switch rapidly between reproductive strategies, that a nesting female could recognize her own eggs and when necessary discriminate against those of other females, and that the whiteness of ostrich eggs is an adaptation that protects them against overheating but at the cost of greater vulnerability to predation. Originally published in 1992. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

This authoritative reference, the first of its kind, is a necessary addition to the library of any practitioner or behaviorist who sees avian companion animals. Because of their beauty, intelligence, playfulness and ability in mimicry, parrots are the most widely kept companion birds. It is estimated that more

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than half of the psittacine cases presented to clinicians are the result of behavioral problems-problems inherent to captivity. Bringing together a host of international experts on avian behavior, *Manual of Parrot Behavior* explores the many facets of psittacine behavior, both normal and abnormal. The book not only provides readers with a solid understanding of the basic principles of psittacine behavior but also offers useful techniques of diagnosis and treatment for specific problems. Covers both normal and abnormal parrot behavior Offers practical techniques on diagnosis and treatment of behavior problems Written by a team of international experts on avian behavior A necessary addition to the library of any practitioner of behaviorist who sees avian companion animals This RSPB-endorsed book answers all those burning questions about birds that beginners and experts alike may ask themselves as they go about their birding. How do ducks keep their feet from freezing in winter? Why don't swallows stay in Africa? Are birds really dinosaurs, or were dinosaurs really birds? And do birds have knees? Taking a 'questions and answers' approach, each specific question leads to an answer which expands the theme under discussion, so that all aspects of bird life and the hobby of birding are covered. The scientifically rigorous answers together form an impressive and fascinating body of bird-related information. This highly readable book will intrigue anyone with an interest in birds.

Biology of Marine Birds provides the only complete summary of information about marine birds ever published. It both summarizes and analyzes their breeding biology, ecology, taxonomy, evolution, fossil history, physiology, energetics, and conservation. The book covers four orders of marine birds: penguins (Sphenisciformes); albatross, shearwaters, petrels (Procellariiformes); pelicans, boobies, frigatebirds, tropicbirds, cormorants (Pelecaniformes); and gulls, terns,

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guillemots, auks (Charadriiformes - Families Laridae and Alcidae). Two summary chapters address the biology of shorebirds and wading birds and their lives in the marine environment. This comprehensive book contains numerous summary tables that give you exhaustive information on various aspects of their life histories, breeding biology, physiology and energetics, and demography. It also discusses research techniques and future research needed, providing a guide to ornithologists and students for research projects. Written by acknowledged experts in this field, *Biology of Marine Birds* is the ideal resource. The authors not only present known information, but provide new analyses and insights into marine bird biology. You will find no other book that covers all the major seabird groups and all the major topics with this depth of detail. Whether you are studying, researching, or managing marine environments, you will find yourself reaching for this resource repeatedly.

Long before Dolly the Sheep or bioengineered corn, there was the Red Canary-the first organism to be manipulated by genetic technology, back in the 1920s. The effort to produce a red canary invoked all of the deep issues that troubled genetic engineering decades later: the nature of genes and how they work, the specter of eugenics, and the relative roles of nature and nurture in determining what an organism is. Behavioral ecologist Tim Birkhead describes how a sweet-voiced green bird discovered by Spanish explorers in the 1300s became a craze in Renaissance Europe, how breeders gradually turned its green plumage to yellow, and how a pair of German scientists used the first bit of gene technology in the 1920s to produce an almost-red canary. But the true red canary would not come until the 1960s, when British scientists successfully bred one, and genes alone would not be sufficient to create one. *A Brand New Bird* is a compelling tale of a fascinating episode in the history of genetics.

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A unique approach to bird watching that focuses on what birds eat and how, while sharing ways to support them in our own backyards

A comprehensive reference on birds discusses anatomy, flight, behavior, migration, populations, conservation, bird species, daily activities, mates and mating, and other topics

This twenty-two volume set presents the appearance and behavior of thousands of species of animals along with species population and prospects for survival in a arranged alphabetically and easy-to-read format.

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