

Amphibian Ecology And Conservation A Handbook Of Techniques Techniques In Ecology Conservation

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Frogs of the United States and Canada, 2-vol. set - C.

Kenneth DoddJr. 2013-06-01 offers an unparalleled synthesis

of the biology, behavior, and conservation of frogs in North America. This two-volume, fully referenced resource provides color photographs and range maps for 106 native and nonindigenous species and includes detailed information on- past and present distribution- life history and demography - reproduction and diet- landscape ecology and evolution- - diseases, parasites, and threats from toxic substances- conservation and management

The Ecology and Behavior of Amphibians - Kentwood D.

Wells 2007-11-15

Consisting of more than six thousand species, amphibians are more diverse than mammals and are found on every continent save Antarctica. Despite the abundance and diversity of these animals, many aspects of the biology of amphibians remain unstudied or misunderstood. The Ecology and Behavior of Amphibians aims to fill this gap in the literature on this remarkable taxon. It is a celebration of the

diversity of amphibian life and the ecological and behavioral adaptations that have made it a successful component of terrestrial and aquatic ecosystems. Synthesizing seventy years of research on amphibian biology, Kentwood D. Wells addresses all major areas of inquiry, including phylogeny, classification, and morphology; aspects of physiological ecology such as water and temperature relations, respiration, metabolism, and energetics; movements and orientation; communication and social behavior; reproduction and parental care; ecology and behavior of amphibian larvae and ecological aspects of metamorphosis; ecological impact of predation on amphibian populations and antipredator defenses; and aspects of amphibian community ecology. With an eye towards modern concerns, The Ecology and Behavior of Amphibians concludes with a chapter devoted to amphibian conservation. An unprecedented scholarly

contribution to amphibian biology, this book is eagerly anticipated among specialists.

Handbook of Larval Amphibians of the United States and Canada - Ronald Altig 2015-05-21

Generously illustrated, this essential handbook for herpetologists, ecologists, and naturalists features comprehensive keys to eggs, embryos, salamander larvae, and tadpoles; species accounts; a glossary of terms; and an extensive bibliography. The taxonomic accounts include a summarization of the morphology and basic natural history, as well as an introduction to published information for each species. Tadpole mouthparts exhibit major characteristics used in identifications, and the book includes illustrations for a number of species. Color photographs of larvae of many species are also presented. Handbook of Larval Amphibians of the United States and Canada, written by the foremost experts on larval amphibians, is the first guide of

its kind and will transform the fieldwork of scientists and fish and wildlife professionals.

Ecology and Conservation of Amphibians - Trevor Beebee 1996-03-31

This volume sets out to provide an overview of recent research on all aspects of amphibian ecology and behaviour and to illustrate its application to practical conservation measures for this major group of animals. Its broad scope makes it of relevance to students of general biology, ecology and conservation, but also to professionals in industries and agencies involved with environmental issues and nature conservation.

Amphibians and Reptiles of the Great Lakes Region, Revised Ed. - James H. Harding 2017-05-19

A revised and updated guide to reptiles and amphibians in the Great Lakes region

Wetland Techniques - James T. Anderson 2013-10-10

Wetlands serve many important functions and provide numerous ecological services such as clean water, wildlife

habitat, nutrient reduction, and flood control. Wetland science is a relatively young discipline but is a rapidly growing field due to an enhanced understanding of the importance of wetlands and the numerous laws and policies that have been developed to protect these areas. This growth is demonstrated by the creation and growth of the Society of Wetland Scientists which was formed in 1980 and now has a membership of 3,500 people. It is also illustrated by the existence of 2 journals (Wetlands and Wetlands Ecology and Management) devoted entirely to wetlands. To date there has been no practical, comprehensive techniques book centered on wetlands, and written for wetland researchers, students, and managers. This techniques book aims to fill that gap. It is designed to provide an overview of the various methods that have been used or developed by researchers and practitioners to study, monitor, manage, or create wetlands. Including many

methods usually found only in the peer-reviewed or gray literature, this 3-volume set fills a major niche for all professionals dealing with wetlands.

Hands-on Herpetology - Rebecca L. Schneider 2001
Plentiful, diverse, and readily available, these animals—known in science as “herps”—are also perfect for teaching students about biology, ecology, and conservation. This highly readable resource melds rigorous science content with science research.

Science and Conservation of Vernal Pools in Northeastern North America - Aram J. K. Calhoun 2007-08-13
Synthesizes Decades of Research on Vernal Pools
Science Pulling together information from a broad array of sources, Science and Conservation of Vernal Pools in Northeastern North America is a guide to the issues and solutions surrounding seasonal pools. Drawing on 15 years of experience, the editors have mined published literature,

personal communication from professionals working in the field, unpublished reports and data, and other sources to present the latest information and practical application of this knowledge. They synthesize decades of research on vernal pools and pool-dependent biota as a foundation for presenting the necessary tools for conserving these ecosystems. The book introduces vernal pools as a keystone ecosystem in northeastern forests of North America. This landscape approach is the common current flowing throughout the chapters. Section I reviews the physical parameters that demonstrate how vernal pools function differently from other wetland systems and where they are found in the landscape. Section II provides an overview of the diversity and natural history of their unique biota, focusing on plants, invertebrates, amphibians, and other pool-associated vertebrates. Finally, Section III synthesizes the best-available science from peer-reviewed and unpublished sources relevant to

conserving vernal pools in human-dominated landscapes. The book also highlights the significant role that educators and citizens have in effecting local conservation, and in ensuring a permanent place on the landscape for seasonal wetlands. An impressive cadre of scientists contribute knowledge and expertise on how to conserve vernal pools, its species, and its flora and fauna. Acknowledging the physical and biological connections between upland and aquatic systems, the authors provide a landscape-scale approach to conservation that is equally applicable to all isolated wetlands.

Ecology and Conservation of Amphibians - Trevor John Clark Beebee 1996

Reptile Ecology and Conservation - Dodd Jr.
2016-05-05

This practical handbook of reptile field ecology and conservation brings together a distinguished, international group of reptile researchers to provide a state-of-the-art

review of the many new and exciting techniques used to study reptiles. The authors describe ecological sampling techniques and how they are implemented to monitor the conservation status and population trends of snakes, lizards, tuatara, turtles, and crocodylians throughout the world. Emphasis is placed on the extent of statistical inference and the biases associated with different techniques and analyses. The chapters focus on the application of field research and data analysis for achieving an understanding of reptile life history, population dynamics, movement patterns, thermal ecology, conservation status, and the relationship between reptiles and their environment. The book emphasises the need for thorough planning, and demonstrates how a multi-dimensional approach incorporates information related to morphology, genetics, molecular biology, epidemiology, statistical modelling, animal welfare, and biosecurity. Although

accentuating field sampling, sections on experimental applications in laboratories and zoos, thermal ecology, genetics, landscape ecology, disease and biosecurity, and management options are included. Much of this information is scattered in the scientific literature or not readily available, and the intention is to provide an affordable, comprehensive synthesis for use by graduate students, researchers, and practising conservationists worldwide.

Bird Ecology and

Conservation - William J. Sutherland 2004-06-17

Outlining the main methods and techniques available to ornithologists, this book brings together in one authoritative source contributions containing information on avian ecology and conservation.

Threatened Amphibians of the World - S. N. Stuart 2008

"Amphibians are facing an extinction crisis, but getting to the facts has been difficult.

"Threatened Amphibians of the World" is a visual journey

through the first-ever comprehensive assessment of the conservation status of the world's 6,000 known species of frogs, toads, salamanders, and caecilians. All 1,900 species known to be threatened with extinction are covered, including a description of threats to each species and an evaluation of conservation measures in place or needed. Each entry includes a photograph or illustration of the species where available, a distribution map, and detailed information on range, population and habitat and ecology. Introductory chapters present a detailed analysis of the results, complemented by a series of short essays written by many of the world's leading herpetologists. Appendices include annotated lists of lower risk species and a country-by-country listing of threatened amphibians."--pub. desc.

Amphibians of North Africa -

Daniel Escoriza 2019-03-16
Amphibians of North Africa is a comprehensive compilation of available data on the amphibians and reptiles found

in various ecosystems across North West Africa and parts of the Mediterranean region. It is essential to identifying and understanding the ecological role of regional herpetofauna and its conservational importance. It examines the biological origins and diversity of amphibians in North Africa, along with their diverse ecosystems, including deserts, grasslands and subtropical forests. The book features detailed descriptions of the adult and larvae stages of species, such as the North African fire salamander, the common painted frog, Brongersma's toad and the Mediterranean tree frog. This book is a vital resource for herpetology and ecology students and researchers, helping them identify, understand and conserve these amphibians and reptiles in their various habitats across the North African and Mediterranean regions. Presents the only book on research and species recognition of North West African and Mediterranean

amphibians and reptiles in all life phases Provides novel, iconographic material about little-known species Features helpful visuals, including ink-drawings, photographs of adult and larvae stages, habitat photographs and distributional maps

Handbook of Road Ecology -

Rodney van der Ree

2015-04-02

Winner of the IENE Project Award 2016. This authoritative volume brings together some of the world's leading researchers, academics, practitioners and transportation agency personnel to present the current status of the ecological sustainability of the linear infrastructure – primarily road, rail and utility easements – that dissect and fragment landscapes globally. It outlines the potential impacts, demonstrates how this infrastructure is being improved, and how broad ecological principles are applied to mitigate the impact of road networks on wildlife. Research and monitoring is an important aspect of road ecology,

encompassing all phases of a transportation project. This book covers research and monitoring to span the entire project continuum – starting with planning and design, through construction and into maintenance and management. It focuses on impacts and solutions for species groups and specific regions, with particular emphasis on the unique challenges facing Asia, South America and Africa. Other key features: Contributions from authors originating from over 25 countries, including from all continents Each chapter summarizes important lessons, and includes lists of further reading and thoroughly up to date references Highlights principles that address key points relevant to all phases in all road projects Explains best-practices based on a number of successful international case studies Chapters are "stand-alone", but they also build upon and complement each other; extensive cross-referencing directs the reader to relevant material elsewhere in the book

Handbook of Road Ecology offers a comprehensive summary of approximately 30 years of global efforts to quantify the impacts of roads and traffic and implement effective mitigation. As such, it is essential reading for those involved in the planning, design, assessment and construction of new roads; the management and maintenance of existing roads; and the modifying or retrofitting of existing roads and problem locations. This handbook is an accessible resource for both developed and developing countries, including government transportation agencies, Government environmental/conservation agencies, NGOs, and road funding and donor organisations.

Ecological and Environmental Physiology of Amphibians - Stanley S. Hillman 2008-10-30

This book provides a synthesis of current research on the unique physiological characteristics of amphibians with a particular emphasis on

water balance. It includes a wealth of information on ecology, phylogeny and development. The latest experimental techniques and future research directions are also considered.

The Amphibians and Reptiles of New York State - James P. Gibbs 2007-04-05

This is the first guide yet produced to the amphibians and reptiles of New York State, a large and heavily populated state that hosts a surprisingly diverse and interesting community of amphibians and reptiles. This much needed guide to the identification, distribution, natural history and conservation of the amphibians and reptiles of New York State fill a long-empty niche. The book is the first comprehensive presentation of the distributional data gathered for the New York State Amphibian and Reptile Atlas project. With more than 60,000 records compiled from 1990-1999, this extraordinary and up-to-date database provides a rich foundation for the book. This volume provides detailed

narratives on the 69 species native to New York State. With a heavy emphasis on conservation biology, the book also includes chapters on threats, legal protections, habitat conservation guidelines, and conservation case studies. Also included are 67 distribution maps and 62 pages of color photographs contributed by more than 30 photographers. As a field guide or a desk reference, *The Amphibians and Reptiles of New York State* is indispensable for anyone interested in the vertebrate animals of the Northeast, as well as students, field researchers and natural resource professionals.

The Book of Frogs - Tim Halliday 2016-01-29

What is a frog? -- Complex life cycle -- An acoustic world -- Frogs, toads & people -- Population declines -- Amphibian diseases -- Distribution & classification -- Why the number of frog species is increasing -- The frogs
Systematics and Conservation of Neotropical Amphibians and Reptiles - Alessandro Catenazzi

2021-08-31

This book includes all 14 articles contributed to the Special Issue "Systematics and Conservation of Neotropical Amphibians and Reptiles" in the journal *Diversity*, originally published in 2019 and 2020.
Remote Sensing for Ecology and Conservation - Ned Horning 2010-07-01

The work of conservation biology has grown from local studies of single species into a discipline concerned with mapping and managing biodiversity on a global scale. Remote sensing, using satellite and aerial imaging to measure and map the environment, increasingly provides a vital tool for effective collection of the information needed to research and set policy for conservation priorities. The perceived complexities of remotely sensed data and analyses have tended to discourage scientists and managers from using this valuable resource. This text focuses on making remote sensing tools accessible to a larger audience of non-

specialists, highlighting strengths and limitations while emphasizing the ways that remotely sensed data can be captured and used, especially for evaluating human impacts on ecological systems.

Herpetology - Laurie J. Vitt
2012-12-02

Herpetology has always been one of the most exciting disciplines of zoology. During the past few years the field has continued to grow, yet it has been plagued by scarcity of comprehensive, up-to-date textbooks containing the most important developments. This timely book fills that void. Through skillful synthesis, the author summarizes the diversity in the biology of living amphibians and reptiles and describes the breadth of current herpetological research. Topics covered include the evolution, classification, development, reproduction, population, and environmental issues surrounding the study of amphibians and reptiles. Designed as an advanced undergraduate textbook, Herpetology is a valuable

resource for students, practitioners, and interested amateurs alike. Provides an incisive survey and much needed update of the field. Emphasizes the biological diversity among amphibians and reptiles. Details the most recent research findings, citing ke

Amphibian Ecology and Conservation - C. Kenneth Dodd 2010

Describes the latest methodologies used to study the ecology of amphibians throughout the world. Each of the 27 chapters explains a research approach or technique, with emphasis on careful planning and the potential biases of techniques. Statistical modelling, landscape ecology, and disease are covered for the first time in a techniques handbook.

Integrating Transport Infrastructures with Living Landscapes - Andreas Seiler
2019-10-23

Amphibian Survey and Monitoring Handbook - Dr. John W. Wilkinson 2015

Amphibians are among the most globally endangered groups of vertebrates with more than one-third of species being assessed as declining or threatened. This book is designed to help those carrying out amphibian surveying and monitoring so that the results of their surveys can be used effectively.

Invasive Pythons in the United States - Michael E. Dorcas 2011
"Dorcas and Willson provide a much needed examination of the growing impact of Burmese pythons as an invasive species in the United States By highlighting The many dangers and detrimental effects the introduction of nonnative pythons has caused in the Everglades this book documents the mounting threat that invasives pose to ecosystems everywhere. The first book to focus solely on this issue, *Invasive Pythons in the United States* is well researched, well illustrated, and well timed" --Book Jacket.
Freshwater Ecology and Conservation - Jocelyne Hughes 2018-11-30

This practical manual of freshwater ecology and conservation provides a state-of-the-art review of the approaches and techniques used to measure, monitor, and conserve freshwater ecosystems. It offers a single, comprehensive, and accessible synthesis of the vast amount of literature for freshwater ecology and conservation that is currently dispersed in manuals, toolkits, journals, handbooks, 'grey' literature, and websites. Successful conservation outcomes are ultimately built on a sound ecological framework in which every species must be assessed and understood at the individual, community, catchment and landscape level of interaction. For example, freshwater ecologists need to understand hydrochemical storages and fluxes, the physical systems influencing freshwaters at the catchment and landscape scale, and the spatial and temporal processes that maintain species assemblages and their dynamics. A thorough

understanding of all these varied processes, and the techniques for studying them, is essential for the effective conservation and management of freshwater ecosystems.

Status of Conservation and Decline of Amphibians -

Harold Heatwole 2018-06

Amphibians are among the most threatened groups of animals on earth. In part due to their highly permeable skin, amphibians are highly sensitive to environmental changes and pollution and provide an early-warning system of deteriorating environmental conditions. The more we learn about the impact of environmental changes on amphibians, the better we as humans will be able to arrest their demise, and our own.

Status of Conservation and Decline of Amphibians brings together the current knowledge on the status of the unique frogs of Australia, New Zealand, and the Pacific. Although geographically proximate, each region presents unique challenges and opportunities in amphibian research and conservation. This book

contributes to an understanding of the current conservation status of the amphibians of each region, aims to stimulate research into halting amphibian declines, and provides a better foundation for making conservation decisions. It is an invaluable reference for environmental and governmental agencies, researchers, policy-makers involved with biodiversity conservation, and the interested public.

California Amphibian and Reptile Species of Special Concern - Robert C. Thomson
2016-06-21

One of the most important hotspots of herpetological biodiversity in the United States, California is home to many endemic amphibians and reptiles found nowhere else on earth. Many of these taxa have unique ecological and morphological specializations, and their management is an important conservation challenge. Increasing climate change impacts, human development, and extreme drought mean many of these

species face an ever-greater risk of extinction. California Amphibian and Reptile Species of Special Concern provides an up-to-date synthesis of the current state of knowledge regarding the biology and conservation risks faced by 45 of California's most sensitive amphibian and reptile species. With the goal of enhancing management based on the best available science, the authors developed a novel set of risk metrics to identify special concern species and the threats they face, including population declines, range size and restrictions, and ecological specializations and niche restrictions. In addition to detailed species accounts, this book provides a quantitative analysis of the conservation status and pressing management issues facing individual species and the state's amphibian and reptile fauna as a whole. The volume focuses on identifying threats, concrete recommendations for management and recovery, and future research needs. The text is complemented by detailed

distribution maps, color photos, and graphs. Written in nontechnical language, California Amphibian and Reptile Species of Special Concern will be a valuable resource to a broad range of users from resource managers, field biologists, and academic herpetologists to students and recreational naturalists.

Published in association with the California Department of Fish and Wildlife.

Social Science Theory for Environmental

Sustainability - Marc J. Stern
2018-06-22

Social-ecological challenges call for a far better integration of the social sciences into conservation training and practice. Environmental problems are, first and foremost, people problems. Without better understandings of the people involved, solutions are often hard to come by, regardless of expertise in biology, ecology, or other traditional conservation sciences. This novel book provides an accessible survey of a broad range of theories

widely applicable to environmental problems that students and practitioners can apply to their work. It serves as a simple reference guide to illuminate the value and utility of social science theories for the practice of environmental conservation. As part of the Techniques in Ecology and Conservation Series, it will be a vital resource for conservation scientists, students, and practitioners to better navigate the social complexities of applying their work to real-world problem-solving.

Amphibian Ecology and Conservation - C. Kenneth Dodd 2010

Describes the latest methodologies used to study the ecology of amphibians throughout the world. Each of the 27 chapters explains a research approach or technique, with emphasis on careful planning and the potential biases of techniques. Statistical modelling, landscape ecology, and disease are covered for the first time in a techniques handbook.

Marine Mammal Ecology and

Conservation - Ian L. Boyd
2010-08-12

Much of our knowledge about marine mammals is derived from a long-term and dedicated research effort that is evolving rapidly due to the introduction and invention of new methods. This book reflects the inventiveness of marine researchers as they try to find ways around the problems presented to them by these unusual and challenging animals.

Amphibian and Reptile Adaptations to the

Environment - Denis Vieira de Andrade 2017-12-19

Despite their diversity, amphibians and reptiles share many physiological traits, such as their dependence on external heat sources for body temperature regulation, that are of pivotal importance to their ability to cope with the environment. Considerable variation in physiological capabilities exists in these groups and often can be related to seasonal and geographic differences in environmental parameters. This book provides

a comprehensive and integrative view of the interplay between physiology and behavior in amphibians and reptiles, leading to a better understanding of the subject. The book covers topics that have recently been in the spotlight for scientific research on the physiology, behavior, and conservation of amphibians and reptiles. It brings together recent information from a range of disciplines that address critical topics for understanding their biology. As these studies are scattered across articles in specialized journals, this book provides a single and expanded source summarizing such advancements. Amphibian and Reptile Adaptations to the Environment: Interplay Between Physiology and Behavior maintains a solid scientific basis for the biological topics covered. However, it presents the material in a clear and direct manner so that it is accessible even to non-biologists interested in the basic biology, behavior, and ecology of these animals as well as how these elements are

connected to their conservation.

Amphibian Conservation - Rebecca K. Smith 2014

This book brings together scientific evidence and experience relevant to the practical conservation of amphibians. Approximately 32% of species are threatened with extinction and at least 43% of species are declining. Work is now being carried out to conserve many species, but it is often not adequately documented.

Reptile Ecology and Conservation - Dodd Jr.

2016-05-05

This practical handbook of reptile field ecology and conservation brings together a distinguished, international group of reptile researchers to provide a state-of-the-art review of the many new and exciting techniques used to study reptiles. The authors describe ecological sampling techniques and how they are implemented to monitor the conservation status and population trends of snakes, lizards, tuatara, turtles, and

crocodilians throughout the world. Emphasis is placed on the extent of statistical inference and the biases associated with different techniques and analyses. The chapters focus on the application of field research and data analysis for achieving an understanding of reptile life history, population dynamics, movement patterns, thermal ecology, conservation status, and the relationship between reptiles and their environment. The book emphasises the need for thorough planning, and demonstrates how a multi-dimensional approach incorporates information related to morphology, genetics, molecular biology, epidemiology, statistical modelling, animal welfare, and biosecurity. Although accentuating field sampling, sections on experimental applications in laboratories and zoos, thermal ecology, genetics, landscape ecology, disease and biosecurity, and management options are included. Much of this information is scattered in the

scientific literature or not readily available, and the intention is to provide an affordable, comprehensive synthesis for use by graduate students, researchers, and practising conservationists worldwide.

The Book of Frogs - Tim Halliday 2016-01-29

With over 7,000 known species, frogs display a stunning array of forms and behaviors. A single gram of the toxin produced by the skin of the Golden Poison Frog can kill 100,000 people. Male Darwin's Frogs carry their tadpoles in their vocal sacs for sixty days before coughing them out into the world. The Wood Frogs of North America freeze every winter, reanimating in the spring from the glucose and urea that prevent cell collapse. The Book of Frogs commemorates the diversity and magnificence of all of these creatures, and many more. Six hundred of nature's most fascinating frog species are displayed, with each entry including a distribution map, sketches of the frogs, species identification,

natural history, and conservation status. Life-size color photos show the frogs at their actual size—including the colossal seven-pound Goliath Frog. Accessibly written by expert Tim Halliday and containing the most up-to-date information, *The Book of Frogs* will captivate both veteran researchers and amateur herpetologists. As frogs increasingly make headlines for their troubling worldwide decline, the importance of these fascinating creatures to their ecosystems remains underappreciated. *The Book of Frogs* brings readers face to face with six hundred astonishingly unique and irreplaceable species that display a diverse array of adaptations to habitats that are under threat of destruction throughout the world.

Amphibians & Reptiles of North-West Europe - I F Spellerberg
2002-01-12

This book provides brief accounts of the natural history, ecology, and conservation of amphibian and reptile species from western Europe. Species

accounts give details on taxonomy; distribution; reproduction, growth, and development; environmental adaptations; and aspects of the ecology of the various species discussed. Color illustrations and b&w distribution maps are included. Spellerberg teaches at Lincoln University, New Zealand. The book is distributed by Enfield. Annotation (c)2003 Book News, Inc., Portland, OR (booknews.com).

Amphibian Declines - Michael J. Lannoo 2005-06-15

Documents in comprehensive detail a major environmental crisis: rapidly declining amphibian populations and the disturbing developmental problems that are increasingly prevalent within many amphibian species.

Frogs and Toads of the Southeast - Michael E. Dorcas
2008

A comprehensive, authoritative, and fun-to-read identification guide enumerates the distinguishing characteristics of frogs and toads found throughout the southeastern United States and discusses

their morphology, the main groups to be found in the Southeast, their habitats and distribution, life cycles, behavior, and conservation. Frogs of the United States and Canada - C. Kenneth Dodd Jr. 2023-06-20

The most thorough, updated guide to frogs and toads in the United States and Canada available. A stunning diversity of frog species can be found from coastal swamps to lofty mountain peaks, and from the Florida Keys to the Arctic Ocean. They live in subtropical lowlands, grassland prairies, deserts, and alpine-tundra habitats. Some species have restricted habitat requirements, whereas others occur contiguously from the arid plains or humid southeastern forests to the high tundra. In this new edition of Frogs of the United States and Canada, C. Kenneth Dodd Jr. tours the reader through the marvelous world of North American frogs. Covering 114 native and introduced species from all US states and Canadian provinces, this comprehensive reference

on the biology, behavior, and conservation of the Order Anura includes detailed and updated information on • past and present distribution • life history and demography • reproduction and diet • landscape ecology and evolution • diseases, parasites, and threats from toxic substances • conservation and management Hundreds of occurrence maps, line drawings, and new color photographs of frogs and their habitats enhance the text. The most thorough treatment of the life histories, distribution, and status of North American frogs ever produced, Frogs of the United States and Canada has been the go-to reference for naturalists, scientists, and resource managers in their efforts to understand and conserve frogs, their habitats, and biodiversity for over a decade. Based on a meticulously updated examination of more than 8,000 references current through 2021, this second edition ensures Dodd's master work will remain an

unparalleled resource for years to come.

Amphibians and Reptiles (Collins New Naturalist Library, Book 87) - Trevor

Beebee 2014-08-14

Building on the solid foundations established by the two earlier New Naturalist volumes on this subject, eminent herpetologists Trevor Beebee and Richard Griffiths have brought together a wealth of new and fascinating information on the British amphibians and reptiles.

Extinction in Our Times - James P. Collins 2009-07-07

For over 350 million years, thousands of species of amphibians have lived on earth, but since the 1990s they have been disappearing at an alarming rate, in many cases quite suddenly and mysteriously. What is causing these extinctions? What role do

human actions play in them? What do they tell us about the overall state of biodiversity on the planet? In *Extinction in Our Times*, James Collins and Martha Crump explore these pressing questions and many others as they document the first modern extinction event across an entire vertebrate class, using global examples that range from the Sierra Nevada of California to the rainforests of Costa Rica and the Mediterranean coast of North Africa. Joining scientific rigor and vivid storytelling, this book is the first to use amphibian decline as a lens through which to see more clearly the larger story of climate change, conservation of biodiversity, and a host of profoundly important ecological, evolutionary, ethical, philosophical, and sociological issues.