



The Ecology and Behavior of Amphibians

By Kentwood D. Wells

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The Ecology and Behavior of Amphibians By Kentwood D. Wells

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.

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Editorial Review

Review

"More than a quarter-century in the making, and weightier than a doorstep...the definitive one-volume work on the world's amphibians."

(Steve Grant *The Hartford Courant* 2007-11-28)

"Wells, a much-published amphibian specialist, has produced a monumental work on salamander, frog, and caecilian ecology, physiology, and behavior. . . . As a single source reference on amphibians, this book has no competitors. It can easily be read and assimilated by amateur naturalists, and it will be an invaluable encyclopedic source for conservationists, field biologists, and amphibian specialists for years to come. An outstanding resource for museum, municipal, college, and university libraries. Essential."

(*Choice* 2008-05-01)

"An unprecedented scholarly contribution to amphibian biology, this book is eagerly anticipated among specialists, but is the perfect addition to all amphibiophiles' libraries."

(*Biology Digest*)

"A truly monumental achievement. . . . By summarising the state of our knowledge on amphibian ecology Wells has done the scientific community an extraordinary service, and I have absolutely no doubt that this book will become the definitive reference for experts in many disciplines who are interested in the study of these remarkable creatures."

(Toby A. Gardner *Biological Conservation*)

Choice Outstanding Academic Title, 2008

(*Choice*)

The Professional and Scholarly Publishing Division (PSP) of the Association of American Publishers (AAP) 2007 PSP Awards for Excellence.

(2007 PSP Awards for Excellence)

"For many years now the herpetological community has awaited Kentwood D. Wells's work on the ecology and behavior of amphibians. It was well worth the wait, for the book is truly a masterpiece. Every topic that Wells addresses in *The Ecology and Behavior of Amphibians* is a stunning synthesis of the state of our knowledge. He has both the gift of being able to write clearly and synthesize vast quantities of information. I have no doubt this will be the book to which every amphibian biologist turns for factual information, reference, and ideas for future research."

(Marty Crump)

"Kentwood D. Wells is probably the only person in the world with such a breadth of knowledge and grasp of the literature in amphibian biology to even attempt such a monumental book. Indeed, I consider *The Ecology and Behavior of Amphibians* to be a masterpiece in the field. I have been awaiting this book for the last fifteen years and, after reading it, I am not only satisfied with it but am amazed by the clarity of writing and the wealth of information presented. This is a magnificent book."

(Robert Jaeger)

About the Author

Kentwood D. Wells is professor in the Department of Ecology and Evolutionary Biology at the University of Connecticut.

Users Review

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As people who live in often the modest era should be update about what going on or details even knowledge to make all of them keep up with the era that is certainly always change and move ahead. Some of you maybe may update themselves by reading through books. It is a good choice to suit your needs but the problems coming to a person is you don't know which you should start with. This The Ecology and Behavior of Amphibians is our recommendation to cause you to keep up with the world. Why, because this book serves what you want and want in this era.

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