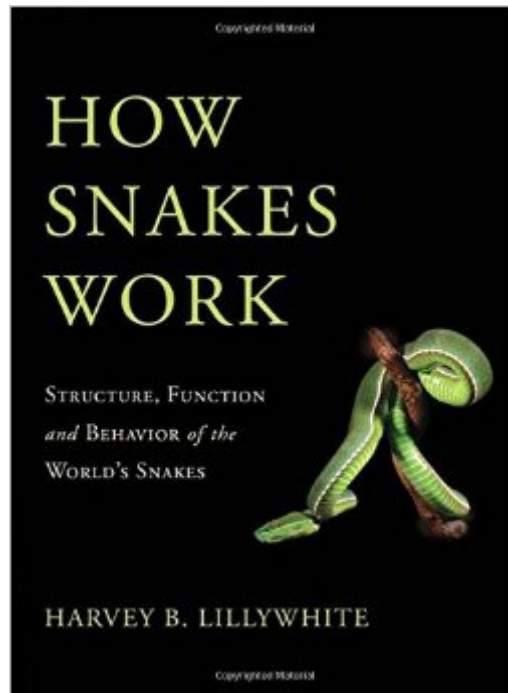


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# How Snakes Work: Structure, Function And Behavior Of The World's Snakes



## Synopsis

Anyone can look at a snake and see a creature unique unto itself, a reptile with a set of zoological and biological traits that are entirely its own. Just looking at this distinct animal raises many scientific questions. With regard to evolution, how did such an animal come to be? How does a snake move, and how do its sense organs differ from that of other reptiles? How does it eat, and how does it reproduce? Essentially, how does a snake "work"? In *How Snakes Work: The Structure, Function and Behavior of the World's Snakes*, leading zoologist Harvey B. Lillywhite has written the definitive scientific guide to the functional biology of snakes. Written for both herpetologists and a more general audience with an interest in the field, *How Snakes Work* features nearly two hundred color images of various species of snakes, used to provide visual examples of biological features explained in the text. Chapter topics include the evolutionary history of the snake, feeding, locomotion, the structure and function of skin, circulation and respiration, sense organs, sound production, temperature and thermoregulation, and reproduction. Containing all the latest research and advances in our biological knowledge of the snake, *How Snakes Work* is an indispensable asset to professional zoologists and enthusiasts alike.

## Book Information

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## Customer Reviews

Wonderful book, rich with spot-on illustrations and illuminating text. This is my favorite kind of science/biology book, because it has the scientific thoroughness and rigor of a *Nature* or other science journals, but is as accessible as, say *Discover* or *Popular Science*. Well. A little more

challenging than those examples, maybe, but not much. I feel like i'm learning stuff that's within my reach as a very interested layperson.

There are few good reptile physiology / morphology books out there. Lillywhite's book is an exception. Information is accurate and well documented, Great illustrations and photographs. If you work with reptiles, this book should be in your library.

Beautifully illustrated and written, this is an amazing book. I purchased it to learn more about snakes, so I can not give a professional assessment of it, but I learned a lot more than I ever expected from this book. There is some terminology that requires some research, but one would expect someone who is looking into such a detailed book to be familiar with, or willing to do the research. Most of the popular books on snakes that I have researched at the local library are primarily photos of various different snakes with lite filler about motion and senses. (Field books primarily) This is much more detailed, so I would expect that this is an excellent transition from those books into the type of book that a herpetology student would need. I didn't really need a full scale text-book (or the price of one) so this was also a good transition price wise. I didn't purchase it as a person who is planning to do any work with snakes, but as an author who is doing research for a book in which a snake figures. Not only does this book answer many of my questions, it has given me more food for thought. In addition, there are very complete bibliographies at the end of each chapter for further research and study. While I am uncertain as to how available these articles and books are, having access to that is quite important for such a book.

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