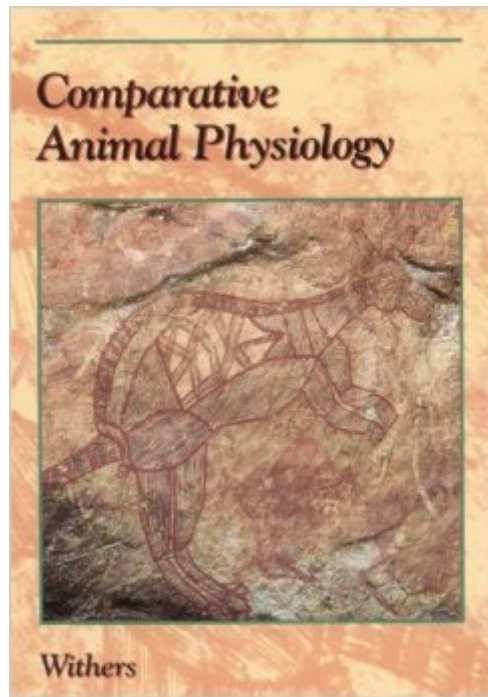


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Comparative Animal Physiology



Synopsis

This truly comparative text takes a fundamental, biophysical approach toward animal physiology. Students majoring in zoology, biology, or premedicine will study animals ranging from simple invertebrates and protozoans to complex multicellular invertebrates and vertebrates. Emphasis on evolution shows the progressive changes, modifications, and developments of physiological systems from simple to complex animals. Comparisons show the similarities and differences in how animals function, but stress fundamentally similar adaptations in very different animals.

Book Information

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Customer Reviews

It is a good (classic) physiology textbook. I am an animal physiologist that wanted this to add to my collection. I wouldn't suggest it to someone new to the subject. If you are looking for an animal physiology book to introduce you to the most up-to-date topic I would chose Hill et al. Animal Physiology (as of this review they recently released the 4th edition).

This is one of, if not the, best comparative physiology text available. Don't let the 1992 publication date detour one from checking out this comprehensive text covering physiology across a wide range of animal classes. This text was a recommended text for an advanced physiology course in graduate school and I must say it is well worth the purchase. The best feature about this book is the wealth of information Withers has managed to fit into this text. The chapters are organized and read similar to primary review articles and utilize actual data from primary research journals to

demonstrate key concepts in physiology. This however may also be a drawback to this text as well since many undergraduates are not familiar with information presented in this way and may find this text a bit challenging at first. That being said, this text does not read like an introductory text of physiology, but is well suited for upper level or graduate level courses in physiology. Provided one has some introductory background in physiology, this text should expand and enhance one's knowledge base of physiology quite well.

Outstanding and thorough presentation of comparative animal physiology. Clear, detailed, and comprehensive. Well written, good references and well produced figures.

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