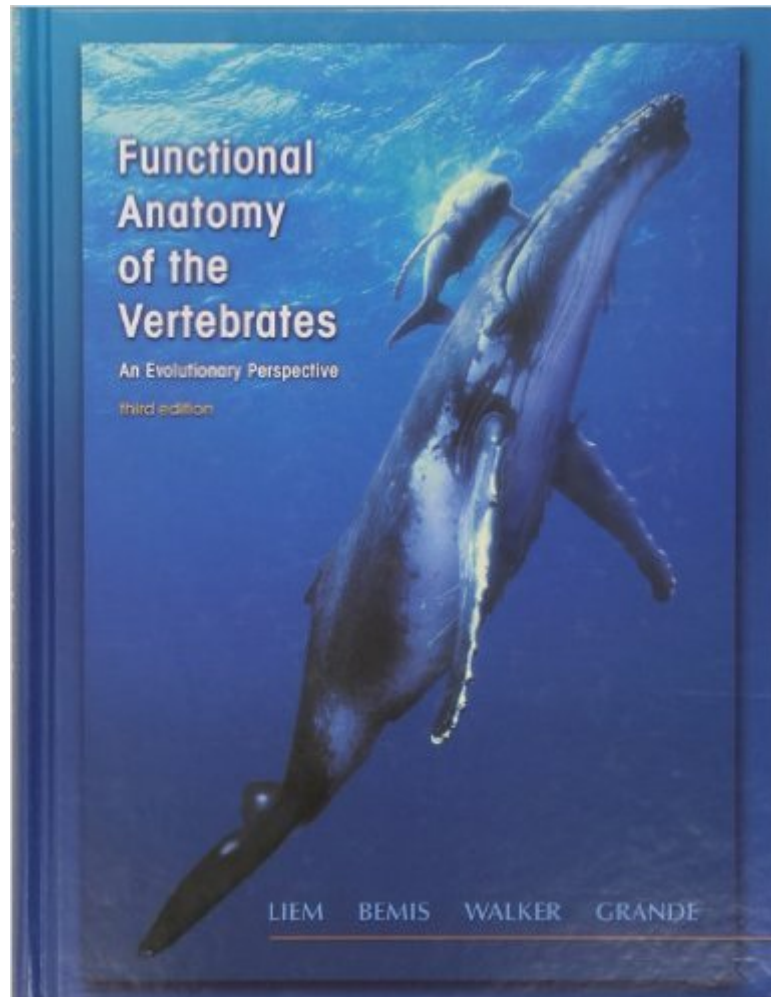


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Functional Anatomy Of The Vertebrates: An Evolutionary Perspective



Synopsis

This book introduces students to the groups of vertebrates and explores the anatomical evolution of vertebrates within the context of the functional interrelationships of organs and the changing environments to which vertebrates have adapted. The text contains all of the material taught in classic comparative anatomy courses, but integrates this material with current research in functional anatomy. This integration adds a new dimension to our understanding of structure and helps students understand the evolution of vertebrates.

Book Information

Hardcover: 784 pages

Publisher: Cengage Learning; 3 edition (December 18, 2000)

Language: English

ISBN-10: 0030223695

ISBN-13: 978-0030223693

Product Dimensions: 8.6 x 1.3 x 11 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

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Customer Reviews

Students already familiar with vertebrate anatomy will probably find this a useful reference, however students who are learning about vertebrate anatomy for the first time will likely be a bit frustrated with the book. Often, long wordy paragraphs describe structures rather than having an emphasis on diagrams. Material and terminology is frequently introduced without stating function or relevance until later on. Diagrams are only in a few different colors and usually lack spatial depth, which I personally found difficult for understanding the 3 dimensional layout of many oddly shaped structures. There are no photographs making identification of real life structures a bit of a challenge. There is also the occasional mislabeled diagram, but those are likely being remedied in the next edition. I'm a bit disappointed at the organization of this book and it's emphasis on descriptions via text, however it is useful once you gain a good understanding of the material. The text goes into a nice amount of detail and covers a lot of material. However, if I had a choice of textbooks to use

form my anatomy course, I would likely look at something else.

This book is well-organized and clearly written, and includes some truly fascinating revelations about the vertebrates, especially relating to biomechanics. It is, however, really too encyclopedic for undergraduates to read cover to cover. As a supplement to a lecture course, I find it excellent; if the lecturer expects students to learn most of the material from the text alone, they are in for a difficult time. The main difficulty is that the most important material is not necessarily emphasized in the text, so that the instructor using this text must be clear about what main points students need. As a reference for further study after class, and to look up things not understood the first time, this book is great. As a primary teaching tool with no outline or emphasis to guide study, there is simply far too much information for a one-semester undergraduate course.

Very well written book that helps take the reader through the evolutionary history of vertebrates. Figures are no longer completely up to date with the latest research, but still a quality reference book. Be ready to be bogged down with details.

I am so thankful I bought this book for my class! It's wonderful, and so far I have had zero complaints (this says a lot from someone as nit-picky as I am!)

this book is easy to read and understand. my teachersnd classmates love it. though it is on the heavy side, then again most college books are.

Very educational book, however can be a dull read.

Perfect purchase in every way - thanks!

The book arrived much earlier than expected and it is perfect for the class that I am taking! It has a little wear but it certainly was a bargain for about 15 when my college was selling it for 200!

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