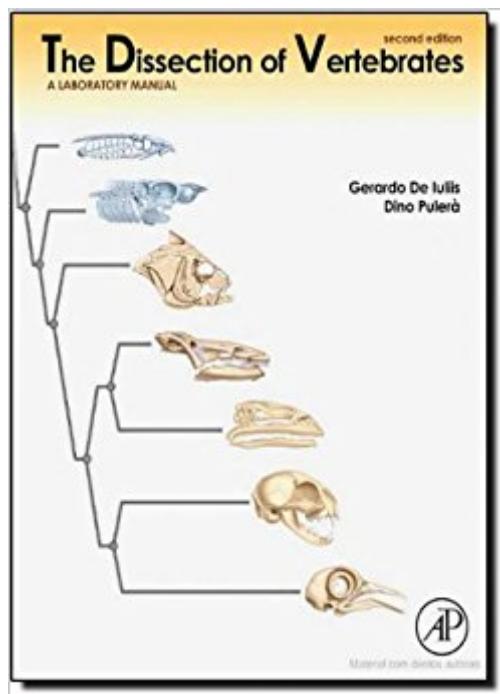


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The Dissection Of Vertebrates, Second Edition



Synopsis

The Dissection of Vertebrates, Second Edition, provides students with a manual that combines pedagogical effective text with high-quality, accurate, and attractive visual references. Using a systemic approach within a systematic framework for each vertebrate, this book covers several animals commonly used in providing an anatomical transition sequence. Seven animals are covered: lamprey, shark, perch, mudpuppy, frog, pigeon, and cat. This updated version include a revised systemic section of the introductory chapter; corrections to several parts of the existing text and images; new comparative skull sections included as part of the existing vertebrates; and a companion site with image bank. This text is designed for 2nd or 3rd year university level comparative vertebrate anatomy courses. Such courses are usually two-semester courses, and may either be a required course or an elective. It is typically a required course for Biology and Zoology majors, as well as for some Forensics and Criminology programs, and offered as an elective for many other non-zoology science majors.* Winner of the NYSM Jury award for the Rock Dove Air Sacs, Lateral and Ventral Views illustration * Expertly rendered award-winning illustrations accompany the detailed, clear dissection direction * Organized by individual organism to facilitate classroom presentation * Offers coverage of a wide range of vertebrates * Full-color, strong pedagogical aids in a convenient lay-flat presentation * Expanded and updated features on phylogenetic coverage, mudpuppy musculature and comparative mammalian skulls

Book Information

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Customer Reviews

Praise for the New Edition: "This manual is destined to be a must for the present generation of beginning and intermediate students in the anatomy of vertebrates. It blends a familiar language with the formalism and cadence of Victorian descriptions, all the while maintaining clear directions on dissection procedures, and amazing, realistic, art, rendering its reading a vivid experience. It is strongly based in the conceptual framework of phylogeny but without losing the practical spirit of manuals. The incorporation of new sections on examples often not (or ever) included in other works is a bonus that broadens its scope, flexibility, and utility."--Dr Sergio F Vizcaino, Departamento Científico Paleontología Vertebrados, Museo de la Plata, Argentina "This new lab manual by De Iuliis and Puler Áf Á will quickly become the standard for veterinary and vertebrate zoology courses alike. The artwork is simply the best available, and appears more true-to-life than any others. The choice of including skeletal material beyond the standard fare (including T. rex!) makes this manual truly innovative. The text clearly explains the anatomy, and goes into more detail than any similar manual, allowing the instructor to more easily tailor the manual to his or her course. Prepare to see this work mimicked by others!"--Randall Lauff, Biology Department, St. Francis Xavier University, Antigonish, NS, Canada

Incorrect naming of anatomical features is littered throughout the text. This is supposed to be a lab manual, but instead of glossy finished paper, the book is made of cheap paper that stains easily and was already falling out by the second week I used it. As a frame of reference, I have never had a problem with pages falling out of books, regardless of the condition I purchased it in, and I bought this new. If you can, do not spend the extra money to buy the book new, as the newer prints are awfully made; you will be much more satisfied with an older copy, even if it already has some stains from lab use.

Love this book, but I wish it had more pictures. Also, some pictures are not what the Dissector asks you to dissect (e.g. a picture of the shark shows a transverse cut [its head seems to have been cut completely off], and the text makes not one mention of you doing this). I love the cladograms in the first two chapters, but some of the names are outdated and misleading! Read up on your own, and if you have a mentor suggesting you this book he/she will tell you what's up (if they're a good one!)

While I HAD to buy this for a dissection lab, I decided to hang onto it instead of selling it back. Pretty useful book. Professors beware: there are a few minor inaccuracies on the cat dentition and elsewhere.

Best price available and great quality for my comparative anatomy class. Pros:- pages are thick-cheaper than renting

Handy tool for Comparative Vertebrate Anatomy, especially when considering the origins and connections between all of the structures (i.e. bones, muscles, etc.). However, there are times when it is difficult to properly apply nomenclature to these 3-D structures, so I would highly recommend spending time with actual specimens and clarifying any questions that may arise (which your TAs should be able to assist you with).

So far the text and graphics have been exactly what I needed to prepare for my Comparative Vertebrate Anatomy course. Conversational and easy read. Good explanations, but was hoping for a "key points" at the beginning of each chapter or more bolded words to show me what to focus on. Very accurate from what I have been learning in class.

This book shows incredibly detailed photos and is perfect when dissecting!

I bought this book for a vertebrate zoology class. Some of the text was a little above my head, but the class mainly used it for the awesome pictures and diagrams of dissection.

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