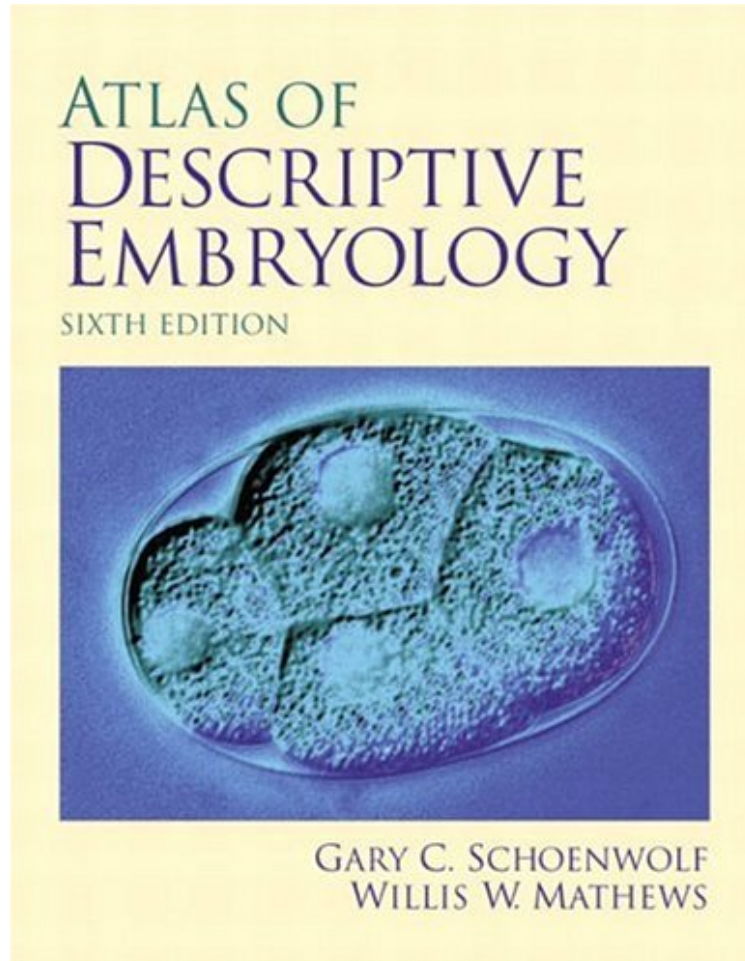


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## Atlas of Descriptive Embryology (6th Edition)

*Gary C. Schoenwolf, Willis W. Mathews*

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**Gary C. Schoenwolf, Willis W. Mathews : Atlas of Descriptive Embryology (6th Edition)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Atlas of Descriptive Embryology (6th Edition):

5 of 21 people found the following review helpful. I do not recommendBy A CustomerThis is an extremely poor quality atlas of embryology. I was very disappointed with it.

For courses in Comparative Embryology/Developmental Biology.This stand-alone, comprehensive, fully-illustrated atlas of descriptive embryology features over 300 detailed, accurate, and fully labeled illustrations (photomicrographs, line drawings, and orientation drawings). Broad in coverage, it considers many different organisms, and features comparative embryology (i.e., gametogenesis in rat, human, cat, grasshopper, locust; development of *Ascaris*, *C. elegans*, sea urchin, starfish, frog, chick, and pig; and the human uterus and placenta).

From the Back Cover The sixth edition of this comprehensive and widely used laboratory atlas includes a new chapter on the development of the round worm *Caenorhabditis elegans*. Additional chapters cover gametogenesis and fertilization, human reproduction, and the development of echinoderms, chordates, amphibians, avians and mammals. Excerpt. Reprinted by permission. All rights reserved. The sixth edition of *Atlas of Descriptive Embryology* is my second revision of this popular atlas. My goal in this revision, as in my last revision, was to continue to meet the need, as stated by Professor Mathews in the Preface of the First Edition, for an atlas consisting of detailed, accurate pictures of a wide range of standard laboratory materials, which are fully labeled. To this end, I have made principally four revisions in the sixth edition. First, a new chapter (Chapter 3) has been added on worm development, using *Caenorhabditis elegans* as a model organism. This organism serves as an important model system for understanding mechanisms of development at the genetic, molecular and cellular levels. Its complete cell lineage, which is invariant, has been deciphered and its entire genome has been sequenced. Additionally, many interesting mutants are available. Second, all figures have been renumbered according to the chapter in which they appear and their order of appearance within that chapter. Thus, for example, Figure 8.5 is the fifth figure appearing in Chapter 8. Third, leader lines on all figures have been modified to increase their visibility. Finally, the Glossary, Synopsis of Development and Index has been revised to increase its usefulness and accuracy. Because my overriding goal in revision is to make succeeding editions better than previous editions and, in particular, to make each new edition more useful to students and instructors, I invite your comments ([Schoenwolf@hsc.utah.edu](mailto:Schoenwolf@hsc.utah.edu)). On a personal note, it remains a pleasure to work with the superb photomicrographs produced by Professor Mathews during the course of the first four editions of this atlas. The embryo is a beautiful and wonderful organism; it deserves nothing less than to be accurately and artistically portrayed. I believe this new edition does exactly that. I hope that you will concur and that you will enjoy following "the way of the embryo." For this edition, special thanks is due to Dr. Susan Mango, Hunstman Cancer Institute, University of Utah. She provided beautiful embryos, unending enthusiasm and scientific expertise that made Chapter 3 possible.