Embryology: Constructing the Organism [illustrated]

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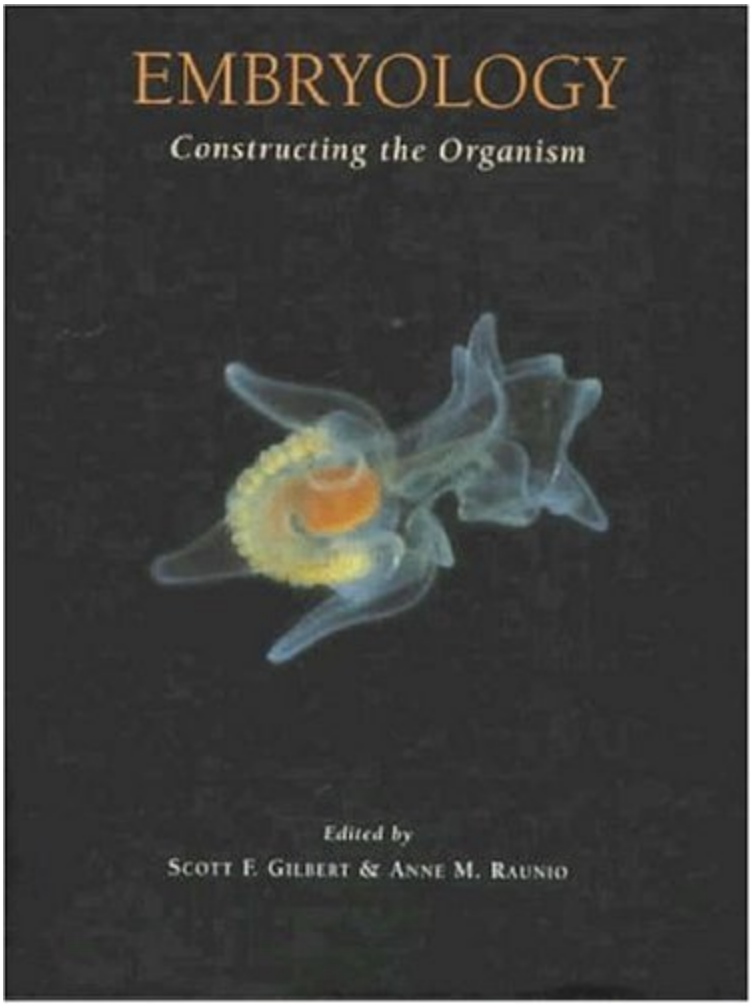

#2086198 in Books Sinauer Associates 1997-05Ingredients: Example IngredientsFormat: IllustratedOriginal language:EnglishPDF # 1 1.07 x 8.74 x 11.23l, 3.40 #File Name: 0878932372537 pages | File size: 72.Mb

From Brand: Sinauer Associates : Embryology: Constructing the Organism [illustrated] before purchasing it in order to gage whether or not it would be worth my time, and all praised Embryology: Constructing the Organism [illustrated]:

8 of 8 people found the following review helpful. Embryology of a spectrum of organismsBy Howard SchneiderThis reference, suitable for the interested general reader, does not stress developmental biological principles of a few studied animals, but rather, presents the embryology of the range of multicellular organisms, from sponges to mammals to plants. The reference starts with an overview of metazoan development and larvae. Chapters on the development of mesozoans, poriferans, cnidarians, and ctenophorans then follow. The development of platyhelminthes and nematodes is then presented. The protostome coelomates are then discussed, with chapters on the development of nemerteans, sipunculans and echiurans, gastropods, annelids, arthropods, and lophophorates. The deuterostome

coelomates are then discussed, with chapters on the development of echinoderms, tunicates, cephalochordates, fishes, amphibians, reptiles and birds, and mammals. The reference concludes with a chapter on plant life cycles.6 of 6 people found the following review helpful. Good organism specific embryology textBy Mike FavazzaThis text is a great tool for anyone studying a particular organism. Rather than having a topical organization like most embryology texts, this book organizes chapters by organism. I found it very useful in my undergraduate research on the development of the sea urchin, because all of the information I needed was all in one place, whereas other embryology texts had me searching through chapter upon chapter to find what I was looking for. While it is not the most desirable text for learning the principles of embryology, I would highly recommend this book to anyone looking at the development of a specific organism.

Embryology: Constructing the Organism concentrates on the descriptive and experimental aspects of embryology. Written by experts in each area, it brings invertebrate, vertebrate and plant embryology into a single easy-to-read and well illustrated volume. It differs from standard developmental biology texts in that it focuses on those organisms whose development is now well understood, integrating new information with the classic studies. This book is ideal for laboratory-based courses in embryology.