INVERTEBRATE EMBRYOLOGY AND REPRODUCTION

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Invertebrate Embryology and Reproduction deals mainly with practical and theoretical objectives of the descriptive embryology of invertebrates, in addition to the reproduction of these groups of animals. It explains several morphological and anatomical expressions in the field, touching on ecology. The work covers the embryology of invertebrate animals starting from the Protozoa, in addition to the Protochordate, Tunicates. These groups include economically important aquatic invertebrates, such as crustaceans, as well as medically important invertebrates and economic arthropods. Each chapter is preceded by the taxonomy of the discussed phylum and/or the species to enable the reader to locate the systematic position. Moreover, a brief description for the embryology and development for each animal is included.

KEY FEATURES

- Covers within each phylum chapter, information on its definition, general characteristics, classification, reproduction, agametic reproduction, gametic reproduction, spawning, fertilization, development and embryogenesis
- Includes a historical review of all the related work and the evolution of the field
- Includes recent findings in the area, including from the author's own research as well as detailed figures and photos to illustrate important concepts
- Brings together difficult-to-obtain research data from the field, not only in Egyptian libraries but globally, and previously only found through specialized references not widely available
- Clarifies descriptions with striking photos and electron microscopical studies of different species

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ACADEMIC PRESS
An Imprint of Elsevier
elsevier.com/books-and-journals

ISBN 978-0-12-814114-4