**DESCRIPTION**

Functional morphology is the relationship between the form and the function of an organism, seen in an adaptive and evolutionary context. This book deals with the functional morphology of the invertebrate skeleton, and concentrates on the taxonomic groups that are of greatest interest to the palaeontologist. Coverage of a broad variety of fossil as well as living invertebrates is included. Each group is treated by a specialist, providing a thorough and up-to-date review of the field. In addition to this general treatment, several short sections deal with topical and detailed observations that are seldom covered in a general text. The book also contains extensive coverage of theoretical, experimental and practical aspects of research in functional morphology, including field and laboratory techniques, computer modelling and even illustration techniques. Functional Morphology of the Invertebrate Skeleton provides a thorough introduction and overview of the subject for the professional palaeontologist and biologist. It is sufficiently generic and comprehensive to be used as a student textbook and its up-to-date coverage of the latest research constitutes a much needed shelf reference and modern review of the field.

**ABOUT THE AUTHOR**