

Kaye Mash.
HOW INVERTEBRATES LIVE.
London: Elsevier Press, 1975.
160 pp. \$11.95.

This volume is part of a new series of books entitled *How Animals Live*, designed to depict the behavior and ecology of the animal kingdom. *How Invertebrates Live* is devoted to invertebrates other than insects. Due to their incredible diversity and sheer numbers of species, the insects form the subject of a separate volume. Kaye Mash was a lecturer in zoology at King's College, London, and did her research on parasitism and the sense organs of invertebrates.

How Invertebrates Live is neither a zoology text burdened with excessive technical language nor is it merely a pictorial presentation. It contains an impressive amount of information and where technical terms are used, they are carefully explained. Mash clearly states the descriptive limitations of terms such as "symbiosis," "mutualism," "parasitism," and "commensalism," and stresses the difficulty in classifying or defining any particular relationship. She introduces the basic structural features and ways of life of members of all major groups of invertebrates. The complex lives of these seemingly "simple" animals and their bizarre behavioral patterns are amply demonstrated throughout the text with the chapter on sense

organs and behavior clearly reflecting Mash's special interest in this area. Types of movement, methods of reproduction, life cycles, hibernation, cryptobiosis and the beneficial aspects of coloration and of venoms are presented utilizing a well chosen assemblage of species.

The book is extremely well illustrated with 130 photographs (90% in color) of representative species of invertebrates. It contains many color coded systems diagrams, life cycles of some human parasites, and examples of food webs demonstrating man's indirect dependence on these creatures which lack backbones. The photographs in the section on animal associations are beautifully representative of the relationships described and visually demonstrate the stability, complexity and diversity involved.

The emphasis throughout the text is on nature and the observations of natural phenomena rather than on the terminologies which have developed to describe these phenomena. This volume would be a good resource book for science teachers and would readily capture the interest of most readers. The excellent illustrations alone warrant the price of the book. If the other volumes in the series are as well presented as this one under review, *How Animals Live* would be a valuable addition to any library.

Michael Brennam
Marine Sciences Centre
McGill University

FEEDBACK

Ms. Donna L. Cook
c/o McGill Journal of Education
Dear Ms. Cook:

Margaret and I would like to express our sincere appreciation for your review of The Gift Is Given. It was the most careful and comprehensive of the reviews to date, and we deeply appreciate the manner in which you used the cited material.

Your point on the punctuation was well taken. I was horrified when I read that Foreword again. The object was to slow the reader down but I must have been very sleepy or something. . . .

Again, thank you.

Sincerely,
Douglas Rector