
General Zoology. *Claude A. Villee, Warren F. Walker, Jr., and Frederick E. Smith.* W. B. Saunders Co., Phila., Penna. xix+877 pp. \$7.50.

This book is offered for use as a textbook of General Zoology for a semester or a year by college freshmen or sophomores. It is everything proclaimed for it by its publishers on its paper cover, as follows:

"It blends discussions of broad biological principles with detailed examination of certain representative animals.—It logically progresses from a study of protoplasm, cell and tissues to physiologic mechanisms such as respiration, circulation, locomotion, etc., that all animals have in common.

"Each major invertebrate phylum is covered in a separate chapter-featuring a thorough discussion of one or more representative species. Not just their anatomy and physiology are included, but habitat, way of life, and the particular animal's role in the biological community as well.

"The frog was chosen to be exhaustively described as a typical vertebrate. Organ systems of the various vertebrates are treated comparatively throughout with emphasis on the mammal."

It is a wonderful book, amazingly comprehensive, well written, amply illustrated, and it reflects great credit upon its authors and publishers. It is a book which each teacher should have for reference while he teaches, not just General Zoology but courses in General Physiology, Taxonomy, Comparative Anatomy, Genetics and Evolution, and Ecology. However, if used as a text, it might well cause freshmen and sophomores to retreat from a subject which has so much depth and breadth.

THOMAS H. LANGLOIS