

BOOK NOTICE.

TEXT BOOK OF ELEMENTARY ZOOLOGY for Secondary Educational Institutions, by Thomas Walton Galloway, Ph.D., Professor of Biology in the James Millikin University, Decatur, Illinois, with 160 illustrations: Philadelphia, P. Blakiston's Son & Co., price \$1.25 net.

This new text book of xi + 418 pages should have a wide sale not only among teachers, for whom it will be of special value, but other persons interested in elementary zoology. It is of a very convenient size, $5\frac{1}{2}$ x 8 inches, the matter has been well prepared, the illustrations and printing are excellent, and the price brings it within the reach of all. The writer states that the "book is an effort to combine the older and the newer phases of thought among us, and is offered as a partial, and yet a distinct, step toward what the author believes to be a sound pedagogical and humanistic movement. He believes that the secondary school biology of the future will be primarily concerned about our life interests; but he believes that the great evolutionary conception, which can only be had by some study of the ecology, morphology and physiology of the animal phyla, is quite as really and profoundly a 'human interest' as is stock-breeding, agriculture or malaria. This conception has changed the whole aspect of human thinking in the last half-century. No course in zoology, which is more than commercial, can afford to neglect it."

Two sizes of type are used. The matter in larger type can be completed by a good class in a year. That in fine print is intended as a background for reference and for extra work. The book is divided into thirty chapters, each one of which is full of information and suggestions for the teacher. "Zoology and its Purpose" is the title of Chapter 1. This is followed by chapters on "Field Work," "Classification of Animals—General Survey," "Laboratory Work—Forms of Matter," "Living and Non-living Objects," "Plants and Animals," etc., etc. In the thirty chapters are 407 separate headings and topics. The last chapter "Economic Zoology" gives briefly interesting facts regarding "Animals as a Food Supply," "Animals in Science and Medicine," "Animals Directly Injurious to Man," "Animals Hurtful to Plants and Plant Products," etc.

The brief keys throughout the book will be found of much value to the pupil. The work on the whole is concise and the subjects are well chosen, and as the writer is a well known biologist, and one who knows the requirements of the teacher and pupil, this, his latest contribution, will undoubtedly be well received. Dr. Galloway's other book "Text Book of Zoology," xii + 481 pages, is now in its second edition.

A. G.



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