

• First Glances at New Books

Photography

THE AMERICAN ANNUAL OF PHOTOGRAPHY, 1939, Vol. 53.—Frank R. Fraprie, ed.—*Amer. Photographic Pub. Co.*, 330 p., illus., paper \$1.50, cloth, \$2.25. This well-known annual contains an unusual amount of text material in addition to an excellent collection of photographs. A list of Who's Who in Pictorial Photography, a numerical evaluation of pictorial achievement of photographers, and a list of photographic societies add to the volume's interest.

Science News Letter, October 1, 1938

Archaeology

THEY WROTE ON CLAY: The Babylonian Tablets Speak Today—Edward Chiera; George G. Cameron, ed.—*Univ. of Chicago*, 235 p., illus., \$3. See page 215.

Science News Letter, October 1, 1938

Aeronautics

WINGS IN THE NIGHT—Willis S. Fitch—*Marshall Jones*, 302 p., illus., \$2. An authentic story of today's deadly knights of the air (if they can be called such)—the bomber pilots. Tons of paper have been used to tell the story of the pursuit flyer, but this is one of the first accounts of his more deadly confrère.

Science News Letter, October 1, 1938

Mathematics

NEW HIGHER ARITHMETIC—John C. Stone and Virgil S. Mallory—*Sanborn*, 458 p., \$1.32. A senior high school text in arithmetic which places the emphasis on the social uses of its field. There are chapters on saving and investing money, budget problems, proper use of graphs, and many other points.

Science News Letter, October 1, 1938

Chemistry

AN INTRODUCTION TO CHEMISTRY—John C. Hogg—*Oxford Univ.*, 365 p., \$2. A chemistry text used at Phillips Exeter Academy and designed for preparatory school use.

Science News Letter, October 1, 1938

Astronomy

A HUNDRED YEARS OF ASTRONOMY—R. L. Waterfield—*Macmillan*, 526 p., \$5.75. From the discovery of Neptune to the discovery of Pluto (plus a few years on either side) stretches a span of time that marks as great a revolution in astronomy as it does in the other sciences. Whether we live in an exploding universe or not, our knowledge of it has certainly expanded at an explosive rate. By limiting his segment of history

to a century, this English astronomer has all the more dramatically emphasized the quality and tempo of events.

Science News Letter, October 1, 1938

Hygiene

CARE OF INFANTS AND CHILDREN—Harry Lowenburg—*Whittlesey*, 300 p., \$2.50. Simply written, straightforward advice and directions for mothers and nurses.

Science News Letter, October 1, 1938

Zoology

THE MAMMALS OF CHINA AND MONGOLIA: Part I—Glover M. Allen—*Amer. Museum of Natural History*, 620 p., 22 distribution maps, illus. and plates, \$10. It is most fortunate that the mass of data treated in this truly monumental monograph was collected before civil war and invasion so disrupted China that further field work became all but impossible. Now, when peace returns to the Far East, zoologists desiring to work on the fauna of that region will have a solid foundation to begin on. This volume (the completing second volume is to appear presently) contains the text descriptions of most of the mammalian species, with nine plates and 40 pages of bibliography.

Science News Letter, October 1, 1938

Natural History

PORTFOLIO ON THE NATIONAL PARK AND MONUMENT SYSTEM—*American Planning and Civic Association*, 4 booklets, illus., 75 c. Part I, What Are National Parks; Part II, Conservation of Nature; Part III, Preservation of History; Part IV, Facilities and Service. With many striking pictures and few but well-chosen words, these booklets bring home a knowledge of what national parks are, their quality and character, their most enjoyable uses, and the public's responsibility for their preservation.

Science News Letter, October 1, 1938

Physics

ELEMENTARY SURVEY OF PHYSICS—Arthur E. Haas and Ira M. Freeman—*Dutton*, 203 p., \$1.90. Here is a non-mathematical presentation of the field of physics in concise form. The emphasis is on the cultural discussion of scientific research. A special supplement is also provided which is intended for use by pre-medical students. In it the applications of physics to medicine are described.

Science News Letter, October 1, 1938

Ichthyology

STRANGE FISH AND THEIR STORIES—A. Hyatt Verrill—*Page*, 220 p., illus., \$2.50. Stories of fish that fly, fish that walk on land, fish that shoot their prey, and many other tales of fish incredible but true are here put together to make a most entertaining book.

Science News Letter, October 1, 1938

Botany

BIG TREES (Rev. ed.)—Walter Fry and John R. White—*Stanford Univ. Press*, 126 p., \$1.50. The botany of the Big Trees, their modern history, and one might almost say their geology (they are so old) are all well told in this compact book, now in a well-merited new edition.

Science News Letter, October 1, 1938

Chemistry

CHEMISTRY OF THE PROTEINS (2d. ed.)—Dorothy J. Lloyd and Agnes Shore—*Blakiston's*, 532 p., \$5.50. A comprehensive English text summarizing the literature of protein chemistry through 1937. At the end of each chapter are extensive listings from scientific literature which will be of great aid to specialists in this field.

Science News Letter, October 1, 1938

Physics

LABORATORY EXPERIMENTS IN ELEMENTARY PHYSICS—Newton Henry Black—*Macmillan*, 263 p., \$1.24. The textbook, Black and Davis' Elementary Practical Physics, is so widely known and so widely used in America that one needs only to say of this newer book that it is a collection of experiments designed to accompany the former text.

Science News Letter, October 1, 1938

Mathematics

REVIEW COURSE IN ALGEBRA—W. E. Sewell—*Heath*, 145 p., \$1.20.

Science News Letter, October 1, 1938

Education—Physiology

MEASURING ACHIEVEMENT IN PHYSICAL EDUCATION—Ruth B. Glassow and Marion R. Broer—*Saunders*, 344 p., \$2.75. Teachers of physical education will find this a helpful book. The authors not only give tests and methods for measuring achievements in physical education, but discuss the value of tests and measurements in general and indicate what may be expected of them and to what extent they may be relied upon.

Science News Letter, October 1, 1938