

• First Glances at New Books

Physics

THE DEMONSTRATION LABORATORY OF PHYSICS AT THE UNIVERSITY OF CHICAGO—Harvey B. Lemon and Fitz-Hugh Marshall—*Univ. of Chicago Press*, 127 p., \$1.50. How a science museum "grew up" to become a demonstration laboratory for the teaching of physics is described in this new book. It enables teachers in almost any secondary school of the nation to construct their own demonstration apparatus that will rival the much studied working museum in Ryerson Hall on the campus.

Science News Letter, September 23, 1939

Ethnology

ETHNOBOTANY OF THE HOPÍ—Alfred F. Whiting—*Northern Arizona Society of Science and Art*, 120 p., \$2., paper; \$2.25, cloth. (Museum of Northern Arizona, Bulletin 15) The Hopí, like all Indian peoples, use very many plant species for food, medicine, fibers, fuel, etc., as well as in ceremonials. In this bulletin is assembled the completest possible information on nomenclature (both Hopí and European), distribution, cultivation and uses.

Science News Letter, September 23, 1939

Meteorology

WEATHER GUIDE FOR AIR PILOTS—Elbert Lee Eaton—*Ronald Press*, 74 p., \$2. The elements of meteorology simply and briefly presented, including a short non-mathematical outline of the air-mass analysis method. Although specifically intended for the instruction of fliers, this small book can be read with both profit and pleasure by anyone interested in weather—and that includes everyone.

Science News Letter, September 23, 1939

Zoology

THE CHISEL-TOOTH TRIBE—Wilfrid S. Bronson—*Harcourt, Brace*, 200 p., \$2. Rodents, from mice and squirrels to beavers and capybaras, parade through these pages in that happy combination of good natural history and lively, ingenious illustration that constitute the Bronson hallmark. It's a safe prediction that if you start on this book you won't put it aside until you have read every word, and looked at every picture twice.

Science News Letter, September 23, 1939

Agriculture

VANISHING LANDS, A World Survey of Soil Erosion—G. V. Jacks and R. O. Whyte—*Doubleday, Doran*, 332 p., \$4. If it is true that a woman is as old as she looks, it is no less true that a land

is as old as it looks. A land wrinkled with erosion is an old land, a land preparing to die. There are too many such wrinkles on the face of our own land today: this book looks at the facts squarely, and as squarely tells what needs to be done about them.

Science News Letter, September 23, 1939

Forestry

THE FOREST MANAGER—Karl Dannecker, translated by Arthur O. Weidlich—*American Forestry Assoc.*, 169 p., \$2. If you own a piece of woodland, whether a one-acre woodlot or a 10,000-acre forest, you will need this compact manual of timber management.

Science News Letter, September 23, 1939

Physiology

OSMOTIC REGULATIONS IN AQUATIC ANIMALS—August Krogh—*Cambridge (Macmillan)*, 242 p., \$4. A full discussion of what is at once one of the most important aspects of physiology and one of the most difficult for most students. For its relatively limited audience this book will have a very strong appeal.

Science News Letter, September 23, 1939

Zoology

WILD ANIMALS, Great Wild Animal Stories of Our Day—Frances E. Clarke, comp.—*Macmillan*, 335 p., \$2.50. A collection of notable stories and articles about animals by well known writers, including Laurence Housman, Herbert Ravenel Sass, William Beebe, Jay N. Darling, Grey Owl, and many others. If you love animals you will want to read this book; if you are not an animal-lover this book will make you one.

Science News Letter, September 23, 1939

Chemistry

THE WAR GASES: CHEMISTRY AND ANALYSIS—Mario Sartori; trans. by L. W. Marrison—*Van Nostrand*, 360 p., \$7.50. See SNL, Aug. 26.

Science News Letter, September 23, 1939

History

THE PASSING OF THE ABORIGINES—Daisy Bates—*Putnam*, 258 p., \$3. See p. 200.

Science News Letter, September 23, 1939

Zoology

THE BOXER—John P. Wagner—*Orange Judd*, 277 p., \$3.50. Complete information about a splendid breed of dogs. History of the Boxer, instructions as to care and breeding are clearly given and well illustrated.

Science News Letter, September 23, 1939

Engineering

RAILROADS AND RIVERS: The Story of Inland Transportation—William H. Clark—*Page*, 334 p., \$3.50. Backbone of the development of continental United States has been the railroads and the rivers. Waterways influenced greatly the development of our country east of the Mississippi and the railroads greatly influenced the west. Interesting old photographs and drawings add to the value of this excellent book.

Science News Letter, September 23, 1939

Medicine

END RESULTS IN THE TREATMENT OF GASTRIC CANCER—Edward M. Livingston and George T. Pack—*Hoerber*, 179 p., \$3. See page 201.

Science News Letter, September 23, 1939

Astronomy

PLANETS, STARS, AND ATOMS—George Edwin Frost—*Caxton*, 287 p., \$3. This work has been compiled as a summary of the important fundamentals of astronomy and related science so that it may serve as a handy reference book for teachers in elementary schools and for supplementary reading by their pupils. A glossary of terms, star maps, and an extensive index add to the value.

Science News Letter, September 23, 1939

Psychology

THE ART OF BEING A PERSON—George Ross Wells—*Appleton-Century*, 300 p., \$2.50. See page 204.

Science News Letter, September 23, 1939

Zoology

FUNDAMENTALS OF ZOOLOGY—William J. Tinkle—*Zondervan*, 492 p., \$3. A text by the professor of biology at Taylor University.

Science News Letter, September 23, 1939

Botany

INTRODUCTION TO FLORAL MECHANISM—S. G. Jones—*Chemical Pub. Co.*, 274 p., \$4. A text in plant morphology, emanating from the University of Glasgow, "to provide the elementary student with some introductory knowledge bearing on the application of cyto-genetics to heredity, hybridization and plant breeding."

Science News Letter, September 23, 1939

Geology

A TEXTBOOK OF GEOLOGY; Part I, Physical Geology (2d ed.)—Chester R. Longwell, Adolph Knopf and Richard F. Flint—*Wiley*, 543 p., \$3.75. A revision of the excellent text written in 1932, by three professors of geology at Yale University.

Science News Letter, September 23, 1939