

• First Glances at New Books

Psychology

TEXTBOOK OF ABNORMAL PSYCHOLOGY—Roy M. Dorcus and G. Wilson Shaffer—*Williams & Wilkins*, 389 p., \$4. A book by and for psychologists. As the authors state in the preface, they "have attempted to approach the discussion of abnormal phenomena through consideration of the normal. The symptoms and behavior of the abnormal individuals are not seen as completely new or mysterious ways of reacting but are recognized as exaggerated manifestations of normal functioning."

Science News Letter, April 4, 1936

Radio

RADIO RECEIVING AND TELEVISION TUBES, Third Ed.—James A. Moyer and John F. Wostrel—*McGraw-Hill*, 635 p., \$4. Latest revision of a most popular book on the application of vacuum tubes in industry. The new five, six and more element tubes which combine what formerly was the function of two tubes into one unit, and the new all-metal tubes, are described among other additions in this completely rewritten volume.

Science News Letter, April 4, 1936

Physics

NEW WORLD PICTURE—George W. Gray—*Little, Brown*, 402 p., \$3.50. Pleasingly written account of the happenings in modern physical science from the outposts of the astronomical world to the innermost parts of the atom. Mr. Gray had each chapter checked by a distinguished list of scientists to insure accuracy.

Science News Letter, April 4, 1936

Aeronautics

LIQUID-PROPELLANT ROCKET DEVELOPMENT—Robert H. Goddard—*Smithsonian Institution*, 10 p., 11 plates, 25c. See SNL, March 28, p. 201.

Science News Letter, April 4, 1936

Taxonomy

PROCEDURE IN TAXONOMY—Edward T. Schenk and John H. McMaster—*Stanford Univ. Press*, 72 p., \$2. Most students of the life sciences get through their formal schooling without any clear idea of why and how particular names are given to particular organisms; they take their taxonomy pretty much on faith. This is not a healthy state of affairs, and it is well that a compact, brief, logically de-

veloped treatise like the present work has been made available. In addition to the main text, the book includes, in the appendix, the rules of zoölogical nomenclature and summaries of opinions rendered by the International Commission on Zoölogical Nomenclature.

Science News Letter, April 4, 1936

Penology-Psychology

I KNEW THEM IN PRISON—Mary B. Harris—*Viking*, 407 p., \$3. An informally written description of the problems, difficulties, and inspiring successes attached to the task of salvaging human material coming to the doors of prisons.

Science News Letter, April 4, 1936

Chemistry

QUALITATIVE ANALYSIS—H. S. Moodey—*Chem. Pub. Co. of N. Y., Inc.*, 182 p., \$3. A British text by the Science Master of Hampton Grammar School. This means it is almost of college freshman caliber in the U. S. A.

Science News Letter, April 4, 1936

Statistics

GRAPHS, HOW TO MAKE AND USE THEM—Herbert Arkin and Raymond R. Colton—*Harper*, 224 p., 141 illus., \$3. Detailed explanation of the ways graphs are constructed from the time the blank sheet of paper is put on the drawing board until the ultimate message comes off the table. The book contains information on the different types of graphs, including scientific, industrial and pictorial.

Science News Letter, April 4, 1936

Metallurgy

MODERN USES OF NONFERROUS METALS—Ed. by C. H. Mathewson—*American Institute of Mining and Metallurgical Engineers*, 427 p., \$3. Twenty-one chapters by twenty-one authoritative writers on the ways metals other than those of the iron group enter into modern industry and civilization.

Science News Letter, April 4, 1936

Aeronautics

BIBLIOGRAPHY OF AERONAUTICS, 1932—Paul Brockett—*Govt. Print. Off.*, 296 p., 50c.

Science News Letter, April 4, 1936

Forestry

PROFESSIONAL FORESTRY SCHOOLS REPORT . . . 1934-35—H. H. Chapman—*Society of Amer. Foresters*, 174 p., \$1.50. With this country committed to a program of reforestation, and even getting rather excited about it, the profession of forester should be decidedly on the up-grade during the next couple of decades. Schools of forestry now existing will need to put their plants in order for more efficient handling of the undergraduate grist that will be fed into their hoppers, and new schools will doubtless be established. This situation makes Dean Chapman's study timely and valuable. He has made a critical examination of all American schools of forestry, putting it on a quantitative-grading basis for all possible points. The outcome is illuminating, for both the strengths and the weaknesses of many institutions. Already, as a result of a preliminary publication of some of the material, several institutions have begun effectual overhauls of their equipment and curricula.

Science News Letter, April 4, 1936

Education

SALARIES IN LAND-GRANT COLLEGES, NOT INCLUDING INSTITUTIONS FOR NEGROES, 1935—Walter J. Greenleaf—*U. S. Office of Education*, 18 p. Free upon direct application to U. S. Office of Education, Washington, D. C. A bulletin in which many teachers, even outside the special group of institutions here discussed, will be much interested—times being what they are.

Science News Letter, April 4, 1936

Botany

PRACTICAL PROBLEMS IN BOTANY—Wilfred W. Robbins and Jerome Isenbarger—*Wiley*, 402 p., \$2. The approach of this textbook is exactly that implied in the title. The facts of plant science are presented as answers to a series of questions. They go beyond the usual scope of elementary textbook information, pointing out significances in both the material and ethical relationships of everyday life.

Science News Letter, April 4, 1936

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