

• First Glances at New Books

Physiology

ALCOHOL IN MODERATION AND EXCESS—J. A. Waddell and H. B. Haag—*William Byrd Press*, 184 p., \$1. This volume was prepared under the supervision of committees of the Medical College of Virginia and the Medical School of the University of Virginia and at the request of the General Assembly of Virginia as a guide for the State Board of Education. The idea was that since the laws of Virginia require that the effects of alcohol on the human system must be taught in the public schools, it would be desirable for the teachers of the state to have reliable scientific information to draw upon for their teaching of this subject. The book tells the facts simply and in considerable detail, considering the smallness of the volume, and there are numerous quotations from authorities. A glossary, bibliography and index add to the usefulness of the volume as a guidebook for teachers, but it is not too technical for general reading.

Science News Letter, August 6, 1938

Physics

PHYSICS OF TODAY—John A. Clark, Frederick R. Gorton and Francis W. Sears—*Houghton Mifflin*, 642 p., \$1.80. A high school text with very superior illustrations and diagrams that will appeal to science students. Gone are many stock diagrams of laboratory apparatus and they are replaced by racing automobiles, flying skiers, and hurricane wreckage, all of which illustrate principles of physics.

Science News Letter, August 6, 1938

Chemistry

HIGH SCHOOL CHEMISTRY (2d rev.)—George Howard Bruce—*World*, 550 p., illus., \$1.68. Chemistry as taught at Horace Mann School in New York City. The book was written, says the author, "to prepare a scientifically up-to-date text which high school students can read and understand, a text in which the language employed is that which they themselves use and comprehend."

Science News Letter, August 6, 1938

Biology

GENERAL BIOLOGY: A TEXTBOOK FOR COLLEGE STUDENTS—Perry D. Strausbaugh and Bernal R. Weimer—*Wiley*, 555 p., illus., \$3.75. This new text undertakes a kinetic approach: its first six chapters are on various phases of metabolism, then come irritability, reproduc-

tion and genetics, followed by chapters on taxonomy, ecology, and evolution.

Science News Letter, August 6, 1938

Physics

THE LIGHTNING DISCHARGE—B. F. J. Schonland—*Oxford Univ. Press*, 19 p., 75 c. The nature of lightning as told in the Halley Lecture of Oxford University by one of the world's authorities.

Science News Letter, August 6, 1938

Mathematics

INTRODUCTION TO COLLEGE MATHEMATICS—M. A. Hill, Jr., and J. Burton Linker—*Holt*, 466 p., \$2.40. This first-year text from the University of North Carolina seeks to fill the needs of two types of students; those who may go on into physics or chemistry and those for whom this course may be the end of their studies in the field.

Science News Letter, August 6, 1938

Photography

PHOTO-MARKETS (8th ed.)—John P. Lyons, ed.—*Photo-Markets*, 144 p., 40 c. A helpful handbook for the free-lance photographer.

Science News Letter, August 6, 1938

Documentation

COMPTE RENDU DES TRAVAUX, CONGRÈS MONDIAL DE LA DOCUMENTATION UNIVERSELLE, PARIS, 16-21 Aout 1937—*Union Francaise des Organismes de Documentation*, 119 p., 40 fr. The report of an important international gathering that will be of interest to librarians and others concerned with the organization of knowledge.

Science News Letter, August 6, 1938

Hygiene

HONEY AND HEALTH—Bodog F. Beck—*McBride*, 372 p., \$3. Here is an interesting book about a pleasant subject, but it is to be hoped that readers will remember the wisdom of consulting their own physicians about their health and diets rather than relying on statements in books which may not fit their particular health needs.

Science News Letter, August 6, 1938

Medicine

A TEXTBOOK OF BACTERIOLOGY (2d ed.)—Thurman B. Rice—*Saunders*, 563 p., \$5. This edition of a relatively simple and practical text for medical students includes new material on the typing of the pneumococcus and on sulfanilamide therapy besides being otherwise brought up-to-date.

Science News Letter, August 6, 1938

Anthropology

THE UNVANISHING NAVAJOS—Belle Shafer Sullivan—*Dorrance*, 141 p., illus., \$2.50. Many people are acquainted with Navajo blankets and silver and turquoise jewelry, but fewer people know what the Navajo Indians themselves are like. This book is a pleasant introduction.

Science News Letter, August 6, 1938

Agronomy

SELENIUM OCCURRENCE IN CERTAIN SOILS IN THE UNITED STATES, WITH A DISCUSSION OF RELATED TOPICS: Third Report—Horace G. Byers, John T. Miller, K. T. Williams, and H. W. Lakin—*Govt. Print. Off.* (U. S. D. A. Tech. Bull. No. 601), 74 p., 15 c. See page 91.

Science News Letter, August 6, 1938

Chemistry

CHEMICAL KINETICS—Farrington Daniels—*Cornell Univ. Press*, 273 p., \$3.25. The George Fisher Baker lectureship in chemistry at Cornell University in the second semester of 1935 provided the factual material upon which this book is based.

Science News Letter, August 6, 1938

Chemistry

QUALITATIVE ANALYSIS OF INORGANIC MATERIALS—William Buell Meldrum and Earl William Flosdorf—*American Book*, 230 p., \$2.50. Theory and practice in qualitative analysis with the thought ever in mind that "quantitative" comes next. The book is designed to fit the varying needs of courses of different length and students of different caliber.

Science News Letter, August 6, 1938

Radio

RADIO: A STUDY OF FIRST PRINCIPLES (3rd ed.)—Elmer E. Burns—*Van Nostrand*, 293 p., \$2. An elementary text for schools, evening classes and home study. Both sound and sight transmission are covered.

Science News Letter, August 6, 1938

Physiology

TEACHING PROCEDURES IN HEALTH EDUCATION—Howard L. Conrad and Joseph F. Meister—*Saunders*, 160 p., \$1.75.

Science News Letter, August 6, 1938

Physiology

NEW CREATIONS IN HUMAN BEINGS—Louis Berman—*Doubleday*, 316 p., \$3. The stuff of human beings themselves must be changed in order to bring about a better world in which to live, is the warning of this author.

Science News Letter, August 6, 1938