

• First Glances at New Books

Chemistry

ANNUAL SURVEY OF AMERICAN CHEMISTRY, 1932, Edited by C. J. West—*Chemical Catalog*, 346 p., \$4. For the seventh consecutive year this National Research Council sponsored volume summarizes progress of American chemistry in a manner of great assistance to those engaged in research or industry. Each of the twenty-seven summary chapters is written by an authority and the literature references to researches cited are conscientiously complete.

Science News Letter, July 1, 1933

Geology

IGNEOUS ROCKS AND THE DEPTHS OF THE EARTH—Reginald A. Daly—*McGraw-Hill*, 598 p., \$5. Geologists will not need to be told that the publication of a new book by Daly on geotectonics *ipso facto* necessitates an order to their booksellers. Frankly not a book for beginners, it is none the less a necessity for anybody who has carried his interest in geology beyond the elementary stage. The presentation is full and complete, the diagrammatic illustrations well-chosen and clear.

Science News Letter, July 1, 1933

Astronomy—History of Science

EARLY ASTRONOMY AND COSMOLOGY—C. P. S. Menon—*George Allen & Unwin, London*, 192 p., 10s. Mr. Menon with technical astronomical knowledge and a peculiar aptitude for interpreting the Eastern mind, developed the hypothesis and convincing argument that the numbers 4, 12, 28, 60 and others which perpetually recur in all the ancient cosmological systems originate in a mathematical, not an astronomical necessity. He has reconstructed a square or rectangular cosmology, in which the pyramid replaces the bell as the vault of heaven. This cosmology seems to have been common to ancient Egypt, China, Vedic India and Chaldea.

Science News Letter, July 1, 1933

Radio

WHAT TO READ ABOUT RADIO—Levering Tyson—*University of Chicago Press*, 30 p., 25c.

Science News Letter, July 1, 1933

Mathematics

INTRODUCTORY MATHEMATICS—John Wayne Lasley and Edward Tankard Browne—*McGraw-Hill*, 439 p., \$2.75. Material for an introductory course in collegiate mathematics is contained in

this volume written by the professors of mathematics at the University of North Carolina. The graph is introduced early and is used consistently throughout the book. And the fact that algebra, trigonometry, and the calculus are brought within the limits of one volume will make this book useful for those who wish to refresh their knowledge.

Science News Letter, July 1, 1933

Geography

ECONOMIC AND SOCIAL GEOGRAPHY—Ellsworth Huntington, Frank E. Williams and Samuel van Valkenburg—*Wiley*, 630 p., \$3.75. The influence of geographic factors upon man is considered from a number of interesting and provocative points of view: climate, soil, types of agriculture and other industries, direction and volume of trade streams, etc. The book is especially well adapted for class use, but it also makes interesting reading for the person whose class days are over.

Science News Letter, July 1, 1933

General Science

THE STORY OF EARTH AND SKY—Carleton and Heluiz Washburne in collaboration with Frederick Reed—*Century*, 368 p., \$3.50. Nine year olds and older are fortunate that this book, authoritative and readable, is available, ready to answer their questions about the earth and sky. There is the chance that boys and girls reading this story will receive a better introduction to science than they would through considerable instruction in the average school room. The authors are pioneers in the progressive education movement and they have cooperated with a supervisor of elementary science. The healthy mental attitude of the book is themed in the following quotation: "You need not try to believe everything that is in this book. It tries to tell you the truth. But what, today, we think is true, some one will learn more about tomorrow. When we started to make this book, there were only eight worlds like our earth that any one knew about. Then another was discovered and the book had to be changed."

Science News Letter, July 1, 1933

General Science

THE NEW LEARNING—Edited by F. J. E. Raby—*Ivor Nicholson & Watson, London*, 333 p., 8s 6d. Ten Scholarly Englishmen make "a contribution to a general view of the world" for the average man. Dr. S. Chapman contributes a chapter on "The Physical Universe," Dr. E. W. MacBride writes on "Biology," Dr. W. Brown explains "The Human Mind," while Dr. H. Dingle covers "The Sciences and Scientific Method." Chapters are also devoted to history, social institutions, the arts and aesthetic theory, philosophy and theology. As a summary volume to present day viewpoints, it will appeal to the serious reader.

Science News Letter, July 1, 1933

Biology

BIOLOGY AND HUMAN WELFARE—J. E. Peabody and A. E. Hunt—*Macmillan*, 658 p., \$1.60. A new edition of one of the best-known and most successful of biology texts for secondary schools. It has been thoroughly worked over, and supplied with many new illustrations, so that it constitutes practically a new book.

Science News Letter, July 1, 1933

General Science

INTERNATIONAL CRITICAL TABLES OF NUMERICAL DATA, PHYSICS, CHEMISTRY AND TECHNOLOGY, INDEX—National Research Council—*McGraw-Hill*, 321 p., \$7. With the publication of this index volume the seven volumes of the National Research Council's International Critical Tables become far more useful and accessible.

Science News Letter, July 1, 1933

Physics

COLLEGE PHYSICS—Arthur L. Foley—*Blakiston*, 759 p., \$3.75. A textbook of college grade written by the professor of physics and head of the physics department of Indiana University.

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Standards

AMERICAN STANDARDS YEAR BOOK, 1932-1933—*American Standards Association*, 44 p., free.

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