

# • First Glances at New Books

## Biography

**JOSEPH PRIESTLEY**—Anne Holt—*Oxford University Press*, 221 p., \$3.50. By this scholarly and attractive work the author wishes to rescue Priestley's many-sided life from neglect. Because his scientific activities have received most attention at the hands of biographers it is not generally realized that he aspired to be at once, preacher and teacher, linguist and historian, grammarian and flute-player, chemist and theologian.

*Science News Letter, July 25, 1931*

## Aeronautics-Meteorology

**THE NAVIGATION OF THE AIR AND METEOROLOGY**—Capt. Leslie S. Potter—*Harper*, 233 p., \$4. A simple, yet comprehensive, book of fundamentals that every air pilot must know if he would fly off wing-swept routes.

*Science News Letter, July 25, 1931*

## Physics

**PHYSICAL SCIENCE**—Herbert Brownell—*McGraw-Hill*, 313 p., \$2.50. A survey of all fields of physical science for college freshmen, extending the idea of "general science" to this level. The author has considered himself free of the restraints necessarily imposed when teaching a specialized science. He is particularly anxious to stimulate a desire to know and to arrive at conclusions independently—especially conclusions based on facts. His book should help the right kind of teacher achieve these ends.

*Science News Letter, July 25, 1931*

## Aeronautics

**BIBLIOGRAPHY OF AERONAUTICS, 1929**—Paul Brockett—*Government Printing Office*, 242 p., 35c. A comprehensive list of the aeronautical publications for the year 1929, arranged in simple dictionary form with author and subject entry, and one alphabetical arrangement. Published by the National Advisory Committee for Aeronautics, it is the most recent volume of a series covering more than a score of years.

*Science News Letter, July 25, 1931*

## Malacology

**THE TYPES OF LAMARCK'S GENERA OF SHELLS AS SELECTED BY J. G. CHILDREN IN 1823**—A. S. Kennard, A. E. Salisbury and B. B. Woodward—*Smithsonian Institution*, 40 p. A republication of an almost-lost classic of systematic zoology, making a valuable

basic document more generally available to students interested in its special field.

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## Aeronautics

**SAILING THE SKIES, GLIDING AND SOARING**—Malcolm Ross—*Macmillan*, 276 p., \$2.50. This most fascinating sport, new in America, is described in a manner to intrigue the interest of those of us who never expect to soar, as well as to furnish needed preliminary information for the prospective gliding student.

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## Health Education

**OUR JOURNEY OF GROWTH**—Francis M. Walters—*Heath*, 251 p., 80c. Book One of the Practical Hygiene Series. This little volume is a primer in health education, better written than most of them. An effort is made to arouse the child's interest and cooperation by relating the material to his growth, in which he takes a pretty keen interest naturally.

*Science News Letter, July 25, 1931*

## Health Education

**OUR HEALTH FOUNDATIONS**—Francis M. Walters—*Heath*, 276 p., 88c. Book Two of the Practical Hygiene Series. Written for seventh and eighth grades. The old-fashioned, dry as dust physiology text books are being replaced by hygiene books which relate the facts of physiology and anatomy to healthful living. One of the more wide-awake and interesting is this by Dr. Walters. The viewpoint is sufficiently intelligent and adult so that parents, wanting to brush up on the subject, might profitably borrow young son's school book for an evening.

*Science News Letter, July 25, 1931*

## Ornithology

**BIRDS OF THE KELLEY-ROOSEVELT EXPEDITION TO FRENCH INDO-CHINA**—Outram Bangs and Josselyn Van Tyne—*Field Museum*, 86 p., 75c. An annotated check-list of an important recent collection, with a few excellent colored plates.

*Science News Letter, July 25, 1931*

## Chemistry

**MODERN CHEMISTRY**—Chas. E. Dull—*Holt*, 776 p., \$1.80. An excellent high school text humanized by the addition of numerous illustrations.

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## Mathematics-Egyptology

**THE RHIND MATHEMATICAL PAPYRUS**—Translated by Arnold Buffum Chace and Henry Parker Manning—*Mathematical Association of America*, Vol. 1: 210 p., Vol. 2: 109 plates, \$20 per set. This famous papyrus, found in the ruins of Thebes years ago, became broken apart and a number of fragments were lost. In 1922, some of the missing pieces were identified among the collections of the New York Historical Society. The papyrus has been the subject of much study. The Mathematical Association has now rendered the service of publishing not only photographs of the papyrus but also hieroglyphic transcription, transliteration, literal translation, free translation, mathematical commentary, and a bibliography on Egyptian mathematics. The papyrus, which may be divided in three parts, deals with arithmetic, geometry, and miscellaneous arithmetical problems. The problems shed light on Egyptian customs, and the arithmetical processes show the fine reasoning power which the Egyptians possessed. Some of the methods of solution are still in use.

*Science News Letter, July 25, 1931*

## Aviation

**THE SKY'S THE LIMIT**—Lieut. D. W. Tomlinson—*Macrae Smith*, 289 p., \$3.50. A crack flier's own story; a unique, first-hand record of the airplane's development, a tale of sensational exploits, crashes, of barnstorming days, transcontinental flights and the most startling stunt flying in the annals of naval aviation.

*Science News Letter, July 25, 1931*

## Chemistry

**QUALITATIVE CHEMICAL ANALYSIS**—Louis J. Kurtman—*Macmillan*, 539 p., \$3.75. A complete college text, giving both theory and thorough laboratory instructions. The author is associate professor of chemistry at the College of the City of New York.

*Science News Letter, July 25, 1931*

## Aeronautics

**MODEL AIRPLANES**—Compiled with assistance of Elmer L. Allen—*Boy Scouts of America*, 52 p., 40c. Any boy with average skill can learn to build and fly model airplanes, and find it fascinating. The illustrated directions given here are not too complicated to follow.

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