
NEW BOOKS

Principles of General Chemistry. By STUART R. BRINKLEY, Associate Professor of Chemistry, Yale University. Revised edition. The Macmillan Company, 60 Fifth Avenue, New York, 1933. x + 585 pp. Illustrated. 14.5 × 22.5 cm. Price, \$3.50.

The text is intended for the use of college students who have had one year of preparatory chemistry in the lower schools. Because of this, Dr. Brinkley has been able to make some interesting changes in the arrangement of material. The Periodic System is placed in the second chapter where it can be used as a basis for the discussion of the modern theories of matter, which are developed in excellent style in the third chapter.

Acids are classified in groups and their salts are discussed with them in the manner used by many English writers. Metals also are classified and discussed in a very interesting way on the basis of the ores from which they are derived. This adds much to the unity of the chemical theory presented; it probably detracts from the value of the book as a reference for students.

In general the definitions are accurate and well stated. Some criticism might be made of the definition of secondary products of electrolysis on pp. 157 and 158, but the facts are presented correctly which is not the case in many otherwise excellent texts.

P. A. BOND

Jahrbuch der organischen Chemie. (Yearbook of Organic Chemistry.) Volume XIX, 1932. By Professor Dr. JULIUS SCHMIDT, Stuttgart. Verlagsbuchhandlung Franz Deuticke, Hefnerstorferstrasse 4, Wien, Austria, 1933. xx + 360 pp. 17 × 25.5 cm. Price, M. 36, öst. S. 54; bound, M. 39, öst. S. 58.50.

Although the author of the Jahrbuch died in March, the nineteenth volume has appeared in good time. Since Professor Schmidt had completed the manuscript before his death, the selection and the organization of the material are the same as in earlier volumes. The publisher and the son of the author, who supervised the publication, have succeeded in keeping it commendably free from annoying errors. They announce that they will do everything in their power to continue the Jahrbuch in the spirit of its founder.

E. P. KOHLER

BOOKS RECEIVED

September 15, 1933–October 15, 1933

- DONALD M. LIDDELL AND GILBERT E. DOAN. "The Principles of Metallurgy." The McGraw-Hill Book Co., Inc., 330 West 42d St., New York. 626 pp. \$5.50.
- "Mineral Resources of the United States." Part I. Metals. Bureau of Mines, U. S. Department of Commerce. Superintendent of Documents, Government Printing Office, Washington, D. C. 1142 pp. \$1.50.
- "Mineral Yearbook 1932-33." Bureau of Mines, U. S. Department of Commerce. Superintendent of Documents, Government Printing Office, Washington, D. C. 819 pp. \$1.25.