
NEW BOOKS

The Chemistry of Solids. By CECIL H. DESCH. The George Fisher Baker Non-Resident Lectureship in Chemistry at Cornell University. Cornell University Press, 124 Roberts Place, Ithaca, N. Y., 1934. 196 pages. 15 × 22 cm. Price, \$2.50.

This volume, which contains the substance of lectures delivered by the author as George Fisher Baker non-resident lecturer in Chemistry at Cornell University, comprises seventeen chapters, of which about one half deal with topics more familiar to metallographers than to chemists, the other half with views less unfamiliar to chemists than to metallographers. It brings together and examines, from a single viewpoint, a great deal of diverse information; its style is clear and simple, as would be expected by those familiar with the author's publications; and altogether it is to be recommended as a very interesting readable book which deserves to be widely read and pondered. For this general subject of the make-up and behavior of solids touches every one interested in physical science, pure or applied; far less is known about it than is commonly supposed, and much remains to be ascertained before we can claim to have even a passable knowledge and command of the behavior of solids. Perusal of this book should stimulate a more widespread interest in these important questions.

JOHN JOHNSTON

Life and Experiences of a Bengali Chemist. Vol. II. By PRAFULLA CHANDRA RAY. Chuckerverty, Chatterjee and Company, Ltd., 15 College Square, Calcutta, India, 1935. viii + 469 pp. 15 × 22.5 cm. Price, 6s.

A review of the first Volume of this autobiography of Ray has already appeared in *THIS JOURNAL* (55, 1298 (1933)). This second and concluding Volume contains a collection of the author's essays on diverse educational, political, social and economic problems of Hindu civilization.

In the Introduction the author assures us that . . . "throughout my active career, now extending over half-a-century, I have served Chemistry as the Goddess of my idolatry; to her I have been a whole-hearted devotee . . ." In spite of this, it is evident that the author has also been an active participant in the public life of his country.

These essays are written in a spirited and lucid style, and like the more connected contents of the previous Volume, disclose a keen and courageous personality, passionately devoted to the welfare of India.

ARTHUR B. LAMB

BOOKS RECEIVED

October 15, 1935–November 15, 1935

ARTHUR K. ANDERSON. "Essentials of Physiological Chemistry." John Wiley and Sons, Inc., 440 Fourth Ave., New York, N. Y. 257 pp. \$2.75.

A. A. BENEDETTI-PICHLER and W. F. SPIKES. "Introduction to the Microtechnique of Inorganic Qualitative Analysis." Microchemical Service, 30 Van Zandt Ave., Douglaston, New York. 180 pp. \$3.00.

H. E. CLEAVES and J. G. THOMPSON. "The Metal—Iron." Published for the Engineering Foundation by McGraw-Hill Book Company, Inc., 330 West 42d St., New York, N. Y. 574 pp. \$6.00.

ALEXANDER FINDLAY. "The Teaching of Chemistry in the Universities of Aberdeen." The Aberdeen University Press, Ltd., 6 Upperkirkgate, Aberdeen, Scotland. 92 pp.

W. A. KOEHLER. "Principles and Applications of Electrochemistry. Vol. II. Applications." John Wiley and Sons, Inc., 440 Fourth Ave., New York, N. Y. 545 pp. \$5.00.

A. C. LEEMANN. "Le Pausoma et la Géométrie de l'Énergie." Georg & Co., S. A. Libraires—Éditeurs, Corrairie 5, Genève, Switzerland. 257 pp. Francs suisses 15.

PRAFULLA CHANDRA RAY. "Life and Experiences of a Bengali Chemist." Vol. II. Chuckerverty, Chatterjee & Co., Ltd., 15 College Square, Calcutta, India. 469 pp. \$1.50 or 6s.

"Richter-Anschütz Chemie der Kohlenstoffverbindungen. Carbocyclische Verbindungen, Naturstoffe und freie organische Radikale. Zweite Hälfte. Aromatische Verbindungen. Freie organische Radikale." Akademische Verlagsgesellschaft m. b. H., Markgrafenstrasse 6, Leipzig C 1, Germany. 915 pp. RM. 54; bound, RM. 56.

"Statistical Appendix to Minerals Yearbook, 1934." Bureau of Mines, U. S. Department of the Interior. Superintendent of Documents, Government Printing Office, Washington, D. C. 434 pp. \$1.00.

"Suggestions to Authors of Papers Submitted for Publication by the United States Geological Survey." Fourth edition. Superintendent of Documents, Government Printing Office, Washington, D. C. 126 pp. \$0.15.