

in the domain of alkaloid chemistry published from the laboratory of the authors must have recognized the erudition which had necessarily to be acquired before research in this intricate and well-explored field could be undertaken. That the fruit of so much laborious reading has now been laid before the public, in palatable and relatively assimilable form, is truly a matter for congratulation.

The subject matter is divided into two parts, dealing with the alkaloids derived, respectively, from benzylisoquinoline and from phenanthrene; each part is subdivided into about eighteen sections devoted to individual alkaloids and their immediate derivatives. Every section is constructed on the general plan: (1) history, (2) empirical description, (3) development of constitution, (4) synthesis, (5) description of salts and derivatives, (6) bibliography. Not a word is wasted, nor is, apparently, a pertinent fact omitted. By means of an appendix, covering the literature of about two years, the information has been brought up to date of January 1, 1932.

Professor Wieland, in an appreciative Foreword, subscribes to the belief of the authors that "every reaction and every compound described in the literature is mentioned," and points out that this book far transcends a mere systematic collection of facts by virtue of its historical and critical treatment of the questions of constitution. Organic chemists should be grateful to the authors and to the government for publishing so impressive and valuable a work.

H. T. CLARKE

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## BOOKS RECEIVED

November 15, 1932–December 15, 1932

- GEORGE L. CLARK. "Applied X-Rays." Second edition. McGraw-Hill Book Company, Inc., 330 West 42d St., New York. 470 pp. \$5.00.
- JEAN-LOUIS DESTOUCHES. "État Actuel de la Théorie du Neutrons." Hermann et Cie., Éditeurs, 6 Rue de la Sorbonne, Paris Ve, France. 68 pp. Fr. 18.
- L. W. EASTWOOD. "Introduction to Metallography." Mimeographed edition. Edwards Brothers, Inc., Lithographers and Publishers, Ann Arbor, Mich. 137 pp.
- J. FRENKEL. "Wave Mechanics. Elementary Theory." Oxford University Press, 114 Fifth Ave., New York. 278 pp. \$5.00.
- STEFAN GOLDSCHMIDT. "Stereochemie." Akademische Verlagsgesellschaft m. b. H., Markgrafenstrasse 6, Leipzig C 1, Germany. 311 pp. M. 27.80; bound, M. 29.
- G. ALBERT HILL AND LOUISE KELLEY. "Organic Chemistry." P. Blakiston's Son and Co., Inc., 1012 Walnut St., Philadelphia, Pa. 564 pp. \$3.00.
- DAVID INGERSOLL HITCHCOCK. "Physical Chemistry for Students of Biology and Medicine." Charles C. Thomas, Publisher, 220 East Monroe St., Springfield, Illinois. 182 pp. \$2.75.
- MURRAY P. HORWOOD. "The Sanitation of Water Supplies." Charles C. Thomas, Publisher, 220 East Monroe St., Springfield, Illinois. 181 pp.
- J. W. MELLOR. "A Comprehensive Treatise on Inorganic and Theoretical Chemistry. Vol. XII. Uranium, Manganese, Manganese, Masurium, Rhenium, Iron." Longmans, Green and Co., 55 Fifth Ave., New York. 944 pp. \$20.00.

- PRAFULLA CHANDRA RÂY. "Life and Experiences of a Bengali Chemist." Chucker-  
verty, Chatterjee and Co., Ltd., Booksellers and Publishers, 15 College Square,  
Calcutta, India. 557 pp.
- SALOMON ROSENBLUM. "Origine des Rayons Gamma. Structure Fine du Spectre  
Magnétique des Rayons Alpha." Hermann et Cie., Éditeurs, 6 Rue de la Sor-  
bonne, Paris Ve, France. 37 pp.
- LUDWIG SCHMITT. "Der Einfluss der Handelsdünger auf das Pflanzenwachstum und  
auf verschiedene Eigenschaften kalkarmer Mineralböden." Verlagsgesellschaft  
für Ackerbau m. b. H., Dessauer Strasse 31, Berlin SW 11, Germany. 186 pp.  
RM. 9.
- W. STRECKER. "Qualitative Analyse auf präparativer Grundlage." Third edition.  
Verlag von Julius Springer, Linkstrasse 23-24, Berlin W 10, Germany. 203 pp.  
RM. 8.
- BRUNO WAESER. "Die Luftstickstoff-Industrie mit Berücksichtigung der chilenischen  
Industrie und des Kokereistickstoffs." Second, revised edition. Verlag von Otto  
Spamer, Heinrichstrasse 9, Leipzig C 1, Germany. 509 pp. Rmk. 30; bound,  
Rmk. 33.
- RICHARD WILLSTÄTTER. "Hundert Jahre Liebigs Annalen der Chemie." Verlag  
Chemie, G. m. b. H., Corneliusstrasse 3, Berlin W 10, Germany. 12 pp.