

the United States are also quoted. A very complete index concludes the excellent book, which we can highly recommend to all interested, and which is certainly a credit to the author and the Pharmaceutical Institute of the University of Basel.

OTTO RAUBENHEIMER, PH.M.

Year Book of the American Pharmaceutical Association. This is the report on the Progress of Pharmacy for 1919, Volume 8, containing the sixty-second annual report on the progress of pharmacy, the constitution and by-laws of the American Pharmaceutical Association and roll of its membership up to October 1921. A complete report of the Treasurer A. Ph. A., for the year 1919, is also included. Reproduction of a photograph of Prof. L. E. Sayre, President of the Association, 1919-1920, is the frontispiece.

The reason for delay in getting out this report is fully explained in the proceedings of the New Orleans A. Ph. A. meeting. The value of this was being developed through the efforts of the Reporter on the Progress of Pharmacy, H. V. Army, and his collaborators: Anna G. Bagley, Charles W. Ballard, Linwood A. Brown, Karl S. Burkett, Zada M. Cooper, May O'C. Davis, William B. Day, George C. Dickman, Herman Engelhardt, Robert P. Fischelis, Edmund N. Gathercoal, Ivor Griffith, Fanchon Hart, Jeannot Hostmann, Henry Kraemer, Joseph L. Mayer, William A. Puckner, Hugo H. Schaefer, Clyde M. Snow, John K. Thum, Arno Viehoever, Curt P. Wimmer, Heber W. Youngken. The cooperation with *Botanical Abstracts*, begun in 1918 with Prof. Henry Kraemer, has been continued by Heber W. Youngken, and such material as has been used in the YEAR BOOK is credited to *Botanical Abstracts*. It may be stated here that with the increased number of exchanges in foreign countries the number of collaborators has been increased and, therewith, the value of the REPORT will be further enhanced. Here comment might be ended relative to the work which has been continued with usual care and excellence for such statements would follow the lines of former comment. It seems almost impossible to successfully conduct a pharmacy without this reference book, and those engaged in pharmaceutical research find it indispensable. The Bibliography of Pharmaceutical Research, appearing monthly in the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, has proved its worth, and those

not having reference to all publications can have copies made of complete articles for a small cost.

The volume has over 800 pages. The abstracts appear in the same order as heretofore. The YEAR BOOK is included with A. Ph. A. membership dues, non-members can purchase from General Secretary William B. Day, 701 So. Wood St., Chicago, Ill., at \$4.00 per volume.

PUBLICATIONS RECEIVED.

The *Year Book of Pharmacy* (British) for 1921 has just appeared. The year for which these abstracts are prepared ends with June. The volume is arranged as in former years and does not require renewed description. The number of pages is somewhat less than in previous volumes, due to briefer abstracts and the omission of some of the names of past Conference officials; the research list, annually printed heretofore, is also omitted. The British Year Book contains the papers read at the annual meeting of the Conference. The favorable comment made in past years applies to the present volume; J. O. Braithwaite is again the editor of the Abstracts, Thomas Stephenson of the New Remedies Section, and C. H. Hampshire is editor of the Transactions. The price of the volume, which contains 484 pages, is 12s. 6d. net. The publishers are J. and A. Churchill, London.

Digest of Comments on the Pharmacopoeia of the United States and on the National Formulary for the Calendar year ending December 31, 1918. This is Bulletin 127 of the Hygienic Laboratory. The Digest has been prepared by Dr. A. G. DuMez. The work evidences the same care given to the preceding volumes and presents a useful reference for the revisors of the Standards, research workers, and pharmacists. As comment would be along lines of review of former editions, no further statements are made than to compliment the editor, and express appreciation of the assistance rendered by the Public Health Service in publishing these digests.

The Future Independence and Progress of American Medicine in the Age of Chemistry. This report is the outgrowth of an editorial which appeared in the *Journal of Industrial and Engineering Chemistry*, September 1918. The report has been drafted by Julius Stieglitz, Reid Hunt, Treat B. Johnson, F. R. Eldred and Charles H. Herty, and also has the approval of John J. Abel, Carl L. Alsberg, Raymond F. Bacon and F. O. Taylor.

Chemical Structure and Physiological Action, by C. L. Alsberg. This is an address by the retiring President of the Washington Academy of Science, a reprint from its Journal.

Drying Crude Drugs, "Farmers Bulletin," 1231, U. S. Department of Agriculture. "In this bulletin two driers are described and the method of construction presented in detail. Either may be constructed by anyone familiar with the use of carpenters' tools from material which is everywhere available. The manner of drying is described and also the subsequent storage of the dried material."

Papers from the Wellcome Chemical Research Laboratories, 186-191: 186, "Diethylenetriamine and Triethylenetetramine;" 187, "Hyenanchin and Other Constituents of Hyenanche Globosa, Lamb;" 188, "Constituents of the Bark of Zanthoxylum Macrophyllum, Oliver;" 189, "Arylazoglyoxalinecarboxylic Acids;" 190, "Additive Compounds of Antipyrilaminodiacetic Acid and Its Salts, with Neutral Salts." 191, 4- β -Methylaminoethyl-Glyoxaline."

A Century of the U. S. Pharmacopoeia, 1820-1920. Titles, Synonyms and Abbreviations, by H. A. Langenhan. Bulletin of the University of Wisconsin, Serial No. 1123; General Series No. 907. Wisconsin Pharmaceutical Experiment Station. The Director refers to card catalog of names and synonyms of U. S. P. and N. F. items, prepared under his direction, and heretofore referred to in the JOURNAL A. PH. A. The usefulness of the card catalog in preparing pharmacopoeial life history of the individual galenic preparations, etc., suggested the value of an index and to conserve space the card plan is displaced by the page tabular form in this bulletin. The circular has 12 pages and covers the letter "A." The changes in titles are given and the alphabetical arrangement is according to Latin titles; English terms and synonyms are printed in italics. The compilation will prove valuable as well as interesting; the number of pages required for one letter indicates the extent of the work undertaken.

NEW PUBLICATIONS.

An Introduction to Chemical Engineering: An Elementary Textbook for the Use of Students and Users of Chemical Machinery. By A. F. Allen. 8 $\frac{1}{2}$ x 5 $\frac{1}{4}$. 272 pp. 10s. 6d. (London: Sir Isaac Pitman & Sons, Ltd., 1 Amen Corner, E. C. 4.)

Practical Pharmacy: A description of appli-

ances and processes employed in the preparation of galenicals, with an account of the assay of crude and manufactured drugs, together with a short treatise on the Art of Dispensing. By F. W. Lucas, Ph.C., and H. B. Stevens, Ph.C. Third edition. 9 $\frac{3}{4}$ in. x 6 in. 423 pp. 224 illustrations. 27s. (London: J. & A. Churchill, 7 Great Marlborough Street, W.)

Animal Proteins. By Hugh Gardner Bennett. Industrial Chemistry Series. 287 pp. Price \$3.75. (D. Van Nostrand Co., New York.)

Chemical Disinfection and Sterilization. By S. Rideal and E. K. Rideal. 313 pp. Price 21s. (Arnold & Co., London.)

Chemical Warfare: Riddle of the Rhine: Chemical Strategy in Peace and War. By V. Lefebure. 277 pp. Price, 10s. 6d. (W. Collins Sons & Co., Ltd., London.)

Colloids: The Chemistry of Colloids. By W. W. Taylor. 532 pp. Price, 10s. 6d. net. (Edward Arnold, London.)

Cosmetics. By Theodor Koller. 3d Edition. 269 pp. Price, \$3.50. (D. Van Nostrand Co., New York.)

Dictionary: Popular Chemical Dictionary. By C. T. Kingzett. 375 pp. Price \$4.00. (D. Van Nostrand Co., New York.)

Food Chemistry: Méthodes Actuelles d'Expertises Employées au Laboratoire Municipal de Paris et Documents sur les Matières Relatives à l'Alimentation. By André Kling. 326 pp. Illustrated, Price, 32fr. net. (Dunod, Paris.)

Food Products, Source, Chemistry and Use. By I. H. S. Bailey, 2d edition, revised. 550 pp. Price \$3.00. (P. Blakiston's Son & Co., Philadelphia.)

Handbook of Chemistry and Physics. By Charles D. Hodgman, M. F. Coolbaugh and C. E. Senseman. 8th edition. 711 pp. Price, 24s. (Chapman & Hall, Ltd., London.)

Inorganic Chemistry: Notes on Inorganic Chemistry. By F. Francis. 244 pp. Price, 8s. 6d. net. (Simpkin, Marshall, Hamilton, Kent & Co., Ltd., London.)

Laboratories: Their Plannings and Fittings. By A. E. Munby. 220 pp. Price, 25s. net. (G. Bell & Sons, Ltd., London.)

Microscopy: Critical Microscopy. By Alfred C. Coles. 104 pp. Price, 7s. 6d. net. (J. & A. Churchill, London.)

Modern Chemistry, Pure and Applied. By Arthur J. Hale. Vol. I. 272 pp. Vol. II. 276 pp. Price 16s. net per volume. (Virtue & Co., London.)