

BOOKS RECEIVED.

Commercial Organic Analysis. A treatise on the properties, proximate analytical examination, and modes of assaying the various organic chemicals and products employed in the arts, manufactures, medicines, with concise methods for the detection and determination of their impurities, adulterations, and products of decomposition. By Alfred H. Allen, F.S.C., F.C.S. Third Edition, Illustrated. With revisions and addenda by the author and Henry Leffmann, M.A., M.D. Volume II.—Part I.—Fixed Oils, Fats, Waxes, Glycerol, Nitroglycerin and Nitroglycerin Explosives. Philadelphia: P. Blakiston's Son & Co. 1899. x+371 pp. Price, \$3.50.

Fish as Food. By C. F. Langworthy, Ph.D. Farmer's Bulletin, No. 85, U. S. Department of Agriculture, Washington, D. C. 1898. 30 pp.

Grasses, Clovers, Forage, and Economic Crops. By W. R. Dodson and Wm. C. Stubbs. Bulletin No. 53, Second Series, of the Agricultural Experiment Station of Louisiana State University and A. and M. College, Baton Rouge, La. 55 pp. and several plates.

Vinegar Adulteration and the Extent to Which It Exists in the Samples for Sale in North Carolina. Bulletin No. 153, The North Carolina Agricultural Experiment Station, Raleigh, N. C. 8 pp.

The Adulteration of Coffee and Tea Offered for Sale in North Carolina. Bulletin No. 154, The North Carolina Agricultural Experiment Station, Raleigh, N. C. 16 pp.

Electrolysis and Electrosynthesis of Organic Compounds. By Dr. Walter Löb. Authorized Translation by H. W. F. Lorenz, A.M., Ph.D. New York: John Wiley & Sons. 1898. xiii+103 pp. Price, \$1.00.

Ninth Annual Report of the Kentucky Agricultural Experiment Station of the State College of Kentucky for the Year 1896, containing also Bulletin No. 61 (Potatoes), Bulletin No. 62 (Strawberries), Bulletin No. 63 (Tobacco), Bulletin No. 64 (Analyses of Commercial Fertilizers), and Bulletin No. 65 (Analyses of Commercial Fertilizers). Kentucky Agricultural Experiment Station, Lexington, Ky. 1898. xliii+114 pp.

An Introductory Course of Quantitative Chemical Analysis, with Explanatory Notes and Stoichiometric Problems. By Henry P. Talbot. Third Edition, Revised and Enlarged. New York: The Macmillan Co. 1899. 153 pp. Price, \$1.50.

Lavas and Soils of the Hawaiian Islands. Investigations of the Hawaiian Experiment Station and Laboratories. Walter Maxwell, Director and Chief Chemist. Honolulu: The Hawaiian Sugar Planters' Association. 1898. 186 pp.

Text-book of Medical and Pharmaceutical Chemistry. By Elias H. Bartley, B.S., M.D., Ph.G. Fifth Edition, Revised and Enlarged. Philadelphia: P. Blakiston's Son & Co. 1898. xiv+738 pp., with 96 illustrations. Price, 3.0