

Annuaire Pour L'An 1909. Published under the auspices of the Bureau of Longitudes by GAUTHIER-VILLARS, Paris. 918 pp. Price, 1 fr. 50 c.

About one-third of this calendar for 1909 is taken up with matters of interest to astronomy. The other two-thirds contains geographical tables of position, population, area of principal divisions and cities, a history of the legal time in France, time in the principal countries, tables of mortality, tables of money values, weights and measures, interest and sinking fund, mean temperatures, barometric pressures at various parts of the world, and a catalogue of the variable stars, with a special essay on the same, dealing with the stellar magnitude, the causes of variability, and the calculation of the elements of the same. No physical or chemical tables are given in this volume, they being reserved for publication in the even years.

W. S. LANDIS.

Food and Nutrition Laboratory Manual. Department of Household Science, University of Illinois. By ISABEL BEVIER, Ph.M. and SUSANNAH USHER, S.B. Revised edition, Boston: Whitcomb and Barrows, 1908. 74 pp. Price, \$1.00.

The book consists of laboratory directions for experiments on proteins, fats, carbohydrates, foods, and digestion. The reviewer sympathizes with the desire for a laboratory guide which is not concerned solely with the practical need of medical students. The usefulness of this little manual will, however, depend largely on the preliminary training and equipment of the individuals for whom it is intended. So long as this is not known for the classes under consideration, it is unfair to criticize seriously the selections made. One may question whether some of them are not beyond the experience of the average student of household science; whether, for example, detailed discussion of protein nomenclature, or purine separations, are suitable topics. Mucin is named as a pyrimidine derivative (p. 24); maltase is given as maltose (p. 38); glycerol and glycerin (pp. 28, 30), casein and caseinogen (p. 47), are used interchangeably; but the directions given, though by no means systematic, are for the most part useful and free from mistakes. LAFAYETTE B. MENDEL.

RECENT PUBLICATIONS.

ABDERHALDEN, EMIL: **Text Book of Physiological Chemistry.** Trans. by Hall, Wm. T. and Defren, G. New York: John Wiley & Sons. 8vo, xiii + 722 pp. \$5.00 net.

BARTELT, KONRAD: **Die Terpene und Campherarten.** Heidelberg, 1908, Carl Winters. Universitätsbuchhandlung. geh. M. 10; geb. M. 12.

BAYLISS, W. MADDOCK: **The Nature of Enzyme Action.** New York: Longmans, Green & Co., 1908. 9 + 90 pp., figs., O., bds. \$1.00 net.

BELVILLE, EUGÈNE: **La corne et l'ivoire.** 8°, 67 pp. Paris: H. Laurens.

BRAND, K.: **Die Electrochem. Reduktion organ. Nitrokörper u. verwandter Verbindungen.** Sammlung chem. u. chem.-tech. Vorträge hrsg. von Prof. Dr. F. B. Ahrens u. Prof. W. Herz. XIII Bd., 3-9 Heft. Stuttgart: F. Enke, 1908.