

and accurate. The writer has, as is indicated in the preface, succeeded in writing a "compact" and "to the point" book.

WM. HOSKINS.

THE BECQUEREL RAYS AND THE PROPERTIES OF RADIUM. By R. J. STRUTT. New York: Longmans, Green & Co.; London: Edward Arnold. 1906. 8vo. Second edition, viii+215 pp.

The new edition differs but slightly from the first, which appeared two years earlier. A number of eliminations and additions have been made in order to bring the book into accord with more recent views; the size of the volume remains unchanged. A few misprints and erroneous or objectionable statements persist from the first edition. Thus, it is stated, p. 29, that thorium has the heaviest atom of any known element. On p. 67, the velocities of the cathode rays as given in the table should be multiplied by 10^{10} . On p. 30 we read "for, if there is any scientific doctrine which is established by experience, it is that the amount of energy in the universe remains strictly the same at all times." This oft-repeated, extravagant substitute for the first law of energetics is neither "scientific" nor "established by experience." It is purely a transcendental, metaphysical dictum. The reviewer's high opinion of the book was fully expressed in the review of the first edition.¹

HERBERT N. MCCOY.

RECENT PUBLICATIONS.

A TEXT-BOOK OF SANITARY AND APPLIED CHEMISTRY, OR THE CHEMISTRY OF WATER, AIR AND FOOD. By Edgar H. Summerfield Bailey. New York: Macmillan. 1906. 20+345 pp. \$1.40.

CHEMISTRY OF THE ALBUMENS: TEN LECTURES DELIVERED IN THE PHYSICAL DEPARTMENT OF UNIVERSITY COLLEGE, LONDON. By S. Barnett Schryver. Philadelphia: P. Blakiston's Son & Co. 1906. 5+192 pp. \$2.00.

MODERN SOAPS, CANDLES AND GLYCERIN. PRACTICAL MANUAL OF MODERN METHODS OF UTILIZATION OF FATS AND OILS IN MANUFACTURE OF SOAPS AND CANDLES, AND OF THE RECOVERY OF GLYCERIN. By L. Lloyd Lamborn. London: Lockwood. 1906. 708 pp. 301.

MODERN DAIRY-FARMING. PRACTICAL HANDBOOK ON THE MANAGEMENT OF MILCH COWS AND THE PROFITABLE UTILIZATION OF MILK. By H. L. Puxley. London: U. Gill. 1906. 244 pp. 316.

CATECHISM ON PRODUCER GAS. By S. S. Wyer. London: Spon. 1906. 416.

¹ This Journal, 27, 324 (1905).