

currents by Cornu, on the decimal division of the quadrant by Guyon, and on the Mont Blanc observatory by Janssen. The tables of electrochemical equivalents are well done, and there are many tables on heat, sound, light, and electricity, which might be occasionally referred to, and which are in the main reliable. The first half of the book is devoted to the annual discussion of calendars and astronomical data. J. W. RICHARDS.

THE DYEING OF COTTON FABRICS. A Practical Handbook for the Dyer and Student. BY FRANKLIN BEECH. 44 illustrations. Price, \$3.00.

This is a practical handbook, very well adapted for the use of the dyer and the student. Two hundred and sixty-eight pages devoted to a description of this important industry cannot, of course, exhaust the subject, and Mr. Beech tells us in the preface that such was not his intention. Though brief, the book is sufficiently detailed for the so-called "practical man". The purely chemical side of the subject has received scant attention, as might be expected.

The processes described are modern but the addition of descriptions of some of the newer methods of bleaching is necessary in order to bring the subject down to date. In the chapters on the principles and the practices of dyeing, the author gives a large number of receipts for obtaining various shades. Probably many useful hints may be culled from these, though their value would have been considerably enhanced by the addition of information as to the makers of the various colors used. The chapters on dyeing, however, treat the subject very satisfactorily.

The book is lucidly written, well printed, well illustrated and well bound, and it has a good index. C. W. PARMELEE.

MODERN CHEMISTRY. PART FIRST, THEORETICAL CHEMISTRY. 126 pp. PART SECOND, SYSTEMATIC CHEMISTRY. 203 pp. BY WILLIAM RAMSAY, D.S.C. The Temple Cyclopaedic Primers. London: J. M. Dent & Co. 1900. Price, 1s each.

It is difficult to decide for what class of readers these books are intended. Persons unacquainted with chemistry would certainly have great difficulty in understanding them, while chemists would not naturally turn to a primer for information.

In these little volumes, an examination discloses, however, an adequate, though condensed, presentation of theoretical and systematic chemistry. Their size alone, justifies the use of the title