

bisulphate of potassa, etc. The work of the translator has, however, been admirably done. The German has been intelligently and accurately converted into excellent English and the paper, typography, and binding are first-class.

The book is well indexed. CHARLES LATHROP PARSONS.

AMMONIA AND ITS COMPOUNDS—THEIR MANUFACTURE AND USES. By CAMILLE VINCENT. Translated from the French by M. T. SALTER. London: Scott, Greenwood & Co. 1901. viii + 114 pp. Price, \$2.00.

The author, Camille Vincent, is well known for his method of preparing methyl chloride from the vinasse of the beet-root sugar. In this book he has described in some detail the methods used in France for the production of ammonia and the ammonium compounds. So far as it goes the book is well conceived and well written, but it by no means exhausts the subject and is notable for the almost entire neglect of the commercial side—the cost. One of the large sources of ammonia, the English shales, some of which give 72 pounds of sulphate per ton, is not mentioned. Nor is any attention given to the synthetic preparation of ammonia—a problem now apparently nearing solution. EDWARD HART.