

**NEW BOOK.**

**Annual Chemical Directory of the United States.** 2nd Edition. Edited by B. F. LOVEBLACE (Johns Hopkins University) and CHARLES C. THOMAS. Williams and Wilkins, Baltimore, 1918. 534 pp. \$5.00.

The great expansion in chemical industry in the United States during the past 4 years makes a general chemical directory, such as this is, of very exceptional value to everyone whose work in any way touches on the chemical sciences.

The present volume is divided into 9 "chapters," of which the first 4 list chemical substances, materials and equipment alphabetically, with sources geographically grouped. These 4 chapters occupy  $\frac{4}{5}$  of the total number of pages.

Chapter V is a geographical list of analytical and consulting chemists and chemical engineers. Chapter VI includes alphabetical lists of (1) industrial, (2) institutional, (3) federal and state, and (4) municipal laboratories, the latter two arranged by states.

An international list of societies and associations follows in Chapter VII. The information given includes names of secretaries, dates of founding, numbers of members and amounts of annual dues. Chapter VIII lists (1) technical and scientific journals, both domestic and foreign, with costs and publishers; and (2) important books issued in 1917-18.

Chapter IX, Notes and News, is interesting but not important.

The information given partially duplicates that contained in another annual publication of somewhat similar arrangement; but this book is the less bulky, and is considerably easier to handle and consult; and the information in it appears to be more varied and of greater general usefulness. It will assuredly be of most particular assistance to all who order chemical supplies.

The general arrangement, typography and printing are excellent.

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