

BOOK REVIEWS

FORTUNES IN MINERALS—SIMPLE TESTS AND HOW TO MAKE THEM. ION L. IDRIESS. 222 pages. Angus and Robertson, Ltd., Sydney, Australia. 1941. Price \$2.50.

This book, like a number of others that have appeared recently, is designed to meet the needs of the practical miner and prospector. It is written especially for those engaged in seeking minerals of economic value in Australia. The presentation is simple and direct as no previous scientific training is assumed. Not a single chemical symbol or equation is given in the entire book.

The author describes the occurrence and uses of the important economic minerals and records tests for their identification that can be applied with meagre and inexpensive equipment. Attention is also called briefly to a few of the more common rock types and the minerals that might accompany them.

The book contains much interesting information and should prove of considerable value to the special group for whom it was written.

W.F.H.

PRACTICAL GEMMOLOGY—A STUDY OF THE IDENTIFICATION OF GEM-STONES, PEARLS, AND ORNAMENTAL MINERALS, by ROBERT WEBSTER. vi+180 pages, with four half-tone plates and fifty-four figures. N. A. G. Press Ltd., London (1941).

This volume is a companion to the author's *Gemologist's Pocket Compendium*, published in 1937. The fundamentals of gemmology are presented in 19 lessons. In order to aid the student, there is a recapitulation and a set of test questions at the end of each lesson. On account of the limitation of space, the treatment is necessarily concise. Eighteen of the more important gem minerals and seventeen of what the author designates as unusual gem stones are described. The volume should prove helpful to those desiring an elementary knowledge of the subject.

EDWARD H. KRAUS

MINERALS OF ARIZONA by F. W. GAILBRAITH. Arizona Bureau of Mines, Geological Series No. 15, Bulletin 149 (1941). Price 50 cents (free to residents of Arizona).

Brief descriptions and occurrences are given for about 275 minerals that have been found in Arizona. The pamphlet of 82 pages represents a compilation made from publications and manuscripts.

W.F.H.

The Society of Economic Geologists, on the recommendation of a committee consisting of B. S. Butler, T. S. Lovering, and Adolph Knopf, Chairman, has awarded its Penrose Medal to Professor William H. Emmons, of the University of Minnesota, in recognition of his outstanding contributions to the science of Economic Geology. The presentation was made on February 10, 1942, at the annual dinner of the Society in New York.

Dr. A. E. Alexander, director of the Bureau of Natural Pearl Information, has accepted a position as research ceramic engineer with the B. G. Aviation Mica Spark Plug Corporation, of New York, for the duration of the war.