

BOOK REVIEWS

DIE FELDSPÄTE UND IHRE PRAKTISCHE BESTIMMUNG, KARL CHUDOBA. 50 pages, 46 text figures and 4 tables. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 1932. Price with paper covers, Rm. 5; linen covers, Rm. 6.

This excellent pamphlet deals chiefly with the plagioclase feldspars. It gives brief descriptions with good curves of all the important methods for their determination. It includes a brief description of the Fedorov stage and its use in determining plagioclases. With the stage sections are oriented and the feldspar determined by one of the ordinary methods, such as the maximum extinction method, combined carlsbad and albite twin method, or the so-called rhombic section method.

The printing, illustrations, and make-up of the pamphlet are excellent. The book should be in every petrographic laboratory.

ESPER S. LARSEN

MIKROSKOPISCHE CHARAKTERISTIK DER GESTEINSBILDENDEN MINERALIEN, KARL CHUDOBA. 8 vo. VIII+213 pages, 306 figures; 29 pages of tables. Herder and Co., Freiburg im Breisgau, 1932.

Chudoba's new book on the "Microscopic Characteristics of Rock-forming Minerals" is perhaps too brief for the elementary student, but contains much of interest. For example, less than ten pages are devoted to an explanation of the "physical properties of minerals which find use in the microscopic determination of minerals." The main part of the book (160 pages) is devoted to descriptions of the minerals, which are classified as isotropic, uniaxial, biaxial, and opaque. The description of each mineral is well arranged and distinguishing features are emphasized. The descriptions are illustrated by numerous diagrams and photomicrographs, many of the latter previously published by Weinschenk. It seems unfortunate that recent work on the constitution and properties of some minerals receives so little attention—for example, the studies of melilite by Ferguson and Buddington (*Am. Jour. Sci.*, **L**, 1920, p. 131), Winchell (*Am. Jour. Sci.*, **VIII**, 1922, p. 375), Gossner (*Chem. Erde*, **II**, 1926, p. 103), Berman (*Am. Mineral.*, **XIV**, 1929, p. 389), Warren (*Zeit. Kryst.*, **LXXIV**, 1930, p. 131), and Bragg (*Zeit. Kryst.*, **LXXIV**, 1930, p. 237-305) are disregarded in the formulas used by Chudoba.

A. N. WINCHELL

CORRECTION

In *The American Mineralogist*, July, Vol. 17, page 338, the locality given for the green variety of pumpellyite, Mill Creek, is wrong. Mr. Vonsen states that it was found near Porter Creek, Sonoma Co., two miles northwest of River Road and about eight and one half miles southwest of Healdsburg.