

Books Received

The undermentioned works have been received by the Editors. Mention here does not preclude review at a later date.

Solid State Physics. Vol. 11. Edited by F. SEITZ and D. TURNBULL. Pp. xvi + 438. New York: Academic Press, 1960. Price \$12.50.

X-ray Microscopy and and X-ray Microanalysis. Proceedings of symposium, Stockholm 1959. Edited by A. ENGSTRÖM, V. E. COSSLETT and H. H. PATTEE. Pp. viii + 535. Elsevier Publishing Company, 1960. Price f. 52.50, £5.0.0.

Die Entwicklungsgeschichte der Erde. Mit einem ABC der Geologie. Pp. 772 Leipzig: Brockhaus Verlag, 1959. Price DM 13.80.

Paleogeologic Maps. By A. I. LEVORSEN. Pp. viii + 174. London: W. H. Freeman and Co. Ltd., 1961. Price 43s.

Geologie. By FRANZ LOTZE. Pp. 167. (Samml. Götschen Bd. 13) Berlin: Walter de Gruyter, 1961. Price DM 3.60.

The Major Achievements of Science. By A. E. E. MCKENZIE. Two volumes, pp. xvi + 368; xii + 195. Cambridge: University Press, 1960. 30/- and 17/6; school editions 20/- and 12/6.

Applied Anisotropic Elasticity. By R. F. S. HEARMON. Pp. x + 136. Clarendon Press: Oxford University Press, 1961. Price 35s.

X-ray Analysis of Organic Structures. By S. C. NYBURG. Pp. xiv + 434. New York and London: Academic Press, 1961. Price \$13.00; 93s.

X-ray Metallography. By A. TAYLOR. Pp. viii + 993. London and New York: Wiley, 1961. Price 216s.

Globular Protein Molecules: their Structure and Dynamic Properties. By J. SEGAL, K. DORNBERGER-SCHIFF and A. KALAJDJEV. Translated by ANTHONY WOOSTER. Pp. viii + 150 Berlin: WEB

Deutscher Verlag der Wissenschaften, 1960. Price DM 19.80.

Optical Crystallography. By ERNEST E. WAHLSTROM. Pp. 356. New York: Wiley; London: Chapman and Hall. 3rd ed. 1960. Price 68s.

The second edition of this useful book was extensively reviewed in *Acta Cryst.*, 5, 296-297. For the third edition the text has been rewritten, a chapter on crystal-rotation methods has been added, and many new illustrations have been provided. It is sad to record, however, that the price has nearly doubled.

X-ray Diffraction by Polycrystalline Materials. Edited by H. S. PEISER, H. P. ROOKSBY and A. J. C. WILSON. Pp. 725 with 263 figs. London: Chapman and Hall; New York: Reinhold; for The [British] Institute of Physics, 1960. Price 75s.

This is a revised reprint of the book published in 1955 and reviewed in *Acta Cryst.*, 8, 856. There is little to add to the previous review; the revision is chiefly a matter of correcting misprints and removing ambiguities, but in a few places some new material has been added, as on p. 429. On p. 393, line 23, an error has been introduced: 'with' should be 'without', as it was in the original printing.

Mineralogie und Petrographie in Einzeldarstellungen. Herausgegeben von W. VON ENGELHARDT und J. ZEMANN. Band II. *Der Porenraum der Sedimente.* Von WOLF VON ENGELHARDT. Pp. viii + 207 with 83 figs. Berlin, Göttingen and Heidelberg: Springer Verlag, 1960. Price DM 48.

Volume I of the series was *Die Feldspat-Quarz-Reaktionsgefüge der Granite und Gneise*, by F. K. Drescher-Kaden. Volume II contains no structural crystallography, but the thorough discussion of the concept and measurement of porosity (part A of the book), of the flow processes in the pores (part B), and of diffusion in the pores (part C) is of considerable interest to physicists as well as to the geologists to whom the book is primarily addressed. Part D contains a discussion of three economically important fluids that may be contained in the pores of sediments: brine, petroleum and natural gas.