

Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

Stereology. Proceedings of the Second International Congress for Stereology, Chicago, April 8-13, 1967. Edited by HANS ELIAS. Pp. xx + 337. New York: Springer-Verlag, 1967. Price U.S. \$ 10.

By implication, the *Preface* defines stereology as 'discussion of problems concerning the recognition of three-dimensional structure', which should include most of crystallography as a special case. The *Introduction* explicitly defines stereology as the 'three-dimensional interpretation of flat images or extrapolation from two- to three-dimensional space', including the study of metal surfaces, geological and biological sections, and heavenly objects. Most of the sixty-odd papers in the *Proceedings* deal with biological problems, and none are specifically crystallographic. (One, by a metallurgist with crystallographic leanings, deals with 'sectioned textures in the decorative arts'.)

Besides studies of specific structures, there are several papers of general interest, dealing with the mathematical methods of relating two-dimensional to three-dimensional distributions and similar problems, and papers dealing with instrumentation. The latter will be of particular interest to metallurgists and mineralogists. A group of six papers deals with reconstruction from serial sections; the superposition of transparent sheets representing successive sections of a three-dimensional electron-density synthesis is

familiar to crystallographers, and one of the illustrations of a paper on neonatal biliary atresia bears an uncanny resemblance to such a map.

The book is reproduced photographically from type-scripts provided by the authors, and is inevitably very uneven in appearance, but it is everywhere easily legible. The papers range in length from half a page to a dozen pages. A worker in almost any field of science will find much in it to interest him, but there will be few who care to read the entire book.

Static electrification. Proceedings of the conference organized by the Institute of Physics and the Physical Society Static Electrification Group. Conference Series No.4. London, May 1967. Pp. vi+173. Price £10 + postage outside U.K.

This volume contains papers presented at the Conference on Static Electrification held at the Institution of Electrical Engineers, London, from 8 to 11 May 1967. The book is in three parts: Chapter 1, *Static on Solids* - eight contributed papers; Chapter 2, *Static in Liquids* - eight contributed papers; Chapter 3, *Industrial Static: Wanted and Unwanted* - six contributed papers. The conference discussions are also included.