colour index even though he notes that it is 'not a useful estimation'.

As the author states in his preface, this book is not intended to replace standard textbooks. It will be of no value to the professional haematologist but should be appreciated by students for whom it will provide a good deal of classified information, although at a superficial level.

S. M. LEWIS

HORMONOLOGIE DE LA GROSSESSE HUMAINE By M. F. Jayle *et al.* collaborateurs. (Pp. 316; illustrated. 30F.) Paris: Gauthier-Villars. 1965.

This is a French work which deals with a series of topics in human pregnancy, both normal and abnormal. The topics are oestrogen, progesterone, pregnanediol, hormones of the adrenal cortex, and chorionic gonadotropins.

Of particular interest is the chapter which deals with the clinical importance of determining the oestrogens and pregnanediol in pathological pregnancy. There is no doubt that the availability of these determinations can be of real help to the clinician. The determinations need a specialized laboratory, organized so that no avoidable delay occurs in reporting the results.

The different chapters are well supplied with references from the British and American journals, but naturally the French literature has not been neglected. Your reviewer felt that more attention might have been given to some of the German literature.

The book represents the viewpoint of a particular school, but makes very interesting reading. It is well produced in soft covers.

ARTHUR JORDAN

HANDBUCH DER HISTOCHEMIE ALLGEMEINE METHODIK VOL. 1, part 2. Edited by W. Graumann and K. Neumann. (Pp. xii + 294; 19 tables; 64 figures. DM 53.) Stuttgart: Gustav Fischer. 1966.

This second edition of the first volume of the Handbook of Histochemistry contains three chapters only. The first two, written in English, are contributed by Professor M. Vialli, on general problems and relationships, and Dr. J. Kruszynski, on microincineration. The third chapter, in German, is by Professor H. Mayersbach, on immunohistological methods.

Each of the three chapters stands by itself and, indeed, the only one which belongs properly to volume 1 of the Handbook is the extensive review by Vialli. In 82 pages he covers the whole field of histochemical technique, in a manner entirely objective and free from bias. Particularly interesting, and valuable, are the sections devoted to integration of cytochemical results and those on quantitative histochemistry.

Kruszynski's chapter on microincineration is the most complete and up-to-date review of this subject presently available. The first 28 pages are devoted to technological aspects and these are well illustrated, where necessary in colour. The remaining 63 pages are devoted to applications to various tissues, and to the extensive bibliography.

Excellent illustrations, with lavish use of colour,

accompany Mayersbach's very critical appraisal of the techniques of immunohistology (fluorescent antibody, immunofluorescence). Electron immunocytology is discussed only briefly.

The quality of production is what we have come to expect from the Gustav Fischer Verlag and the price (DM 94) is reasonable when one has regard to its country of origin. Readers limited to English might consider the price too high, especially if they were uninterested in the technique of microincineration.

A. G. EVERSON PEARSE

MORPHOLOGIE UND HISTOCHEMIE DER GEFÄSSWAND (International Symposium, Fribourg June 1965). By Laszt and Comel. (Pp. viii + 398; 310 figures; 5 tables. DM 70.) Basel: S. Karger AG. 1966.

Not all symposia deserve publications. To serve its true purpose this process must be rapid and this means that the Editor(s) must be completely familiar with the field and ruthlessly selective. The two editors of this volume (M. Comel and L. Laszt) fulfil these criteria and they have produced a volume with a very uniformly high standard in its individual chapters. The first part contains papers by Lang, Fischer, Reale, and Ruska, Faller and Staedeli, and Simon. Contributors to the second part include Buccianti, Limbrough, Ottaviani, and Azzali, Kozma, Gellert, and Poberia, and Lojda. The majority of papers are followed by a verbatim (edited) discussion.

Together, the two parts of this volume constitute an authoritative treatise, probably the best presently available, on the microscopic and electron microscopic anatomy of arteries, veins, and lymphatics, together with their histochemistry. This last subject (Z. Lojda) is the only one presented in English; the other papers are in German or French. This should not deter intending purchasers of the volume.

A. G. E. PEARSE

CLINICAL PATHOLOGY OF THE SERUM ELECTROLYTES Edited by F. W. Sunderman and F. W. Sunderman, Jr. (Pp. xiii + 446; illustrated. \$24.50) Springfield, Illinois: Charles C. Thomas. 1966.

This work is the edited proceedings of an applied seminar by the Association of Clinical Scientists on the serum electrolytes in clinical medicine.

The field covered includes methodological studies of electrolytes in serum associated with physiological and clinical studies. There is a great deal of interesting information concerning many aspects of these problems. The excellent lists of references at the end of each chapter will be of considerable help to those who wish to have rapid access to literature on any specific point. It is a pity that so much space has been devoted to gravimetric and colorimetric methods in the measurement of sodium and potassium which very few clinical laboratories will still use. Perhaps a shorter reference to these techniques could have been given in the chapter on flame photometric methods, which is in a separate place. The space thus saved in the book could have been utilized to better purpose if the original field of this study had been

widened to include changes in body water, total extracellular fluid sodium and potassium.

In common with other books produced by this publisher the standard of printing, paper and binding is excellent, but expensive.

M. G. RINSLER

COLOUR ATLAS OF HISTOPATHOLOGY By R. C. Curran. (Pp. 94; 765 figures 75s.) London: Ballière, Tindall and Cassell. 1966.

This atlas contains 765 colour photomicrographs, 8.0 + 5.5 cm. in size, on 85 large pages of good paper. At the foot of the page about 50 words of explanatory text for each picture are grouped together, and there is a full index. The quality of the photomicrography is very high, the text is short and sharp, the production excellent, and the price is a bargain.

This beautiful book is a spectacular success that breaks new ground in the presentation and the teaching of histopathology. The number of photographs and the diseases chosen are excessive for most students though adequate for pathologists in their early training. Selection must be arbitrary, but it is unfortunate that squamous carcinoma of bronchus is omitted whilst four photographs of alveolar carcinoma and three of metastatic osteogenic sarcoma of lung are included. On p.78 'endarteritis' is used in place of 'endophlebitis'. These are trivial, but of more importance are the great length (25 cm.) and close setting of the lines of the text, making combined reading of text and examination of the photographs extremely difficult. This book will enjoy a long life and, if the text could be broken into sections closer to the photographs, it would be difficult to fault and would set a standard for years to come.

R. A. B. DRURY

BOOKS RECEIVED

(Review in a later issue is not precluded by notice here of books recently received.)

FONCTIONS ENDOCRINIENNES DE L'OVAIRE Edited by Professor M. F. Jayle. (Pp. 205; 70 figures. F. 45.) Paris: Gauthier-Villars. 1966.

VERHANDLUNGEN DER DEUTSCHEN GESELLSCHAFT FÜR PATHOLOGIE By W. Giese. (Pp. xvi + 532; illustrated. DM 122.) Stuttgart: Gustav Fischer Verlag. 1966.

AKTUELLE PROBLEME DER INNEREN MEDIZIN (II) Edited by H. Krosch and W. Kaiser. (Pp. 250; illustrated.) Wittenberg: Martin Luther Universität. 1965.

ARZNEIMITTELWIRKUNGEN IN DER SCHWANGERSCHAFT UND DER SAUGLINGSPERIODE International symposium at Leipzig, December 1965. (Pp. 147; illustrated.) Wittenberg: Martin Luther Universität. 1966.

NOMENCLATURE OF FUNGI PATHOGENIC TO MAN AND ANIMALS Memorandum No. 23. Medical Mycology Committee. (Pp. 20. 3s.) H.M.S.O. 1967.

TRACHEOSTOMY AND ARTIFICIAL VENTILATION Edited by S. A. Feldman. (Pp. ix + 102; illustrated. 30s.) London: Edward Arnold. 1967.

KLINIKO-PATHOLOGIE By A. Bienengräber. (Pp. 360; 200 illustrations. £2 15s. 8d.) Stuttgart: Gustav Fischer Verlag. 1967.

GERICHTS-MEDIZINISCHE UNTERSUCHUNGEN BEI VERKEHRSUNFÄLLEN By W. Dürwald. (Pp. 560; illustrated. £2 19s. 11d.) Leipzig: Veb Georg Thieme. 1966.

HANDBOOK OF EXPERIMENTAL PHARMACOLOGY Vol. 16. Edited by O. Eichler. (Pp. viii + 234; 72 figures. DM 82.) Berlin: Springer-Verlag. 1966.

THE CELL BIOLOGY OF HYDRA By Th. Lentz. (Pp. xi + 199; illustrated. 80s.) Amsterdam: North Holland Publishing Co. 1966.

Symposia

THE THYROID GLAND

This symposium, organized by the Association of Clinical Pathologists, was held at the Royal Society of Medicine, London, on 14 and 15 October 1966. It is published under the imprint of the *Journal of Clinical Pathology* as a separately bound supplement to the May issue, and is being sent free of charge to all members of the Association of Clinical Pathologists. A concessionary price of 25s. (including postage) will be charged to all other subscribers to the *Journal of Clinical Pathology* who may wish to purchase it. For all other purchasers the price is 30s. (including postage).

TISSUE AND ORGAN TRANSPLANTATION

This symposium, organized by the College of Pathologists, was held at the Royal College of Physicians, London, on 23 and 24 February 1967. It was published for the College on 1 June 1967 by the publishers of the *Journal of Clinical Pathology*. The price of this symposium will be 30s. net including postage. A concessionary price of 25s. (including postage) is offered to members of the Association of Clinical Pathologists and to subscribers to the *Journal of Clinical Pathology*.

Orders for these symposia should be addressed to the Publishing Manager, *Journal of Clinical Pathology*, B.M.A. House, Tavistock Square, London, W.C.1, and those who are entitled to the concessionary price of 25s. for each symposium, as members of the Association or as subscribers to the *Journal of Clinical Pathology* should say so when ordering copies.