

weakness of these is that they make little or no attempt to relate to the specific problems of the skin. Of greater importance, many of the chapters which deal more directly with the skin are incomplete. Thus there is no mention of melatonin in either of the two chapters on pigmentation. Again, certain of Gillman's chapters have a personal approach bordering on the idiosyncratic, which is unacceptable in an introductory text, while the chapter on the fundamental patterns of histological changes in the skin largely

ignores its exciting title. The reader will not receive guidance as to the relative importance of subjects from the space spent on them. The important subjects of skin blood supply, lymphatics, and sweating are in two too small chapters which together are of the same size as the chapter on "Hair as an indicator of incipient and developed malnutrition and response to therapy—principles and practice." Finally, several of the chapters are out of date and must have been at the time of writing. For example, we are told

nothing of the major new evidence of steroid hormone interconversion in the sebaceous gland, but we are given, in great detail, the old debates on the action of progesterone and oestrogen.

While the editors do not claim that the book is a comprehensive text it is, in places, both too selective in subject matter and overpersonalized in perspective to allow of its use as an introduction to the biology of the skin.

SAM SHUSTER

## Boyd's Pathology

**A Textbook of Pathology: Structure and Function in Disease.** 8th edn. William Boyd. (Pp. 1464; 180s.) Henry Kimpton. 1970.

Nine years have now passed since the publication of the seventh edition of this famous textbook, and the appearance of the eighth edition must have been eagerly awaited by those who have had a high regard for this work since it was first published nearly 40 years ago. As the author points out in his preface, this is a book designed primarily for the undergraduate student, and he goes on to admit that his new chapter I on disease and its causes is directed towards an undergraduate audience

and not towards the experienced and practising pathologist. If one bears in mind throughout that this is indeed an undergraduate textbook of pathology, then the work is still very acceptable.

The present edition is about the same length as its predecessor, but obviously, certain sacrifices have been made in an attempt to combat costs. There are no colour illustrations, and the standard of the black and white reproductions, particularly many of the photomicrographs, leaves a certain amount to be desired, possibly owing to an alteration in the paper. The well known style of presentation can still be recognized, as indeed can many of the illustrations, which have been handed down from edition

to edition. The enthusiasm for the subject still breaks through and the author once again lays great emphasis on the fundamental importance of an understanding of general pathology in an understanding of clinical medicine and surgery, something which cannot be emphasized too frequently.

Nevertheless, to one who has known many editions of Boyd this book appeared as something of a shadow of its predecessors, and while I am sure that undergraduates will find parts of it valuable and stimulating, the deterioration commented on by the reviewer of the seventh edition has unfortunately not been arrested.

G. B. D. SCOTT

## Pictures of Blood

**Color Atlas and Textbook of Hematology:** William R. Platt, M.D. (Pp. 445; 270s.) J. B. Lippincott. U.K.: Blackwell. 1970.

The illustrations in this book begin with a large plate showing by means of water-colour paintings the development and successive stages of the blood cells; the author revives the "hemohistioblast" as a precursor of the multipotential "haemocytoblast." Plates 2 to 5 are similar and show in more detail the development and various stages of erythroblasts, granulocytes, lymphocytes, and some others. These semi-diagrammatic paintings are very good, except for the megaloblast series which seem to have been taken from cells showing uncharacteristically early changes. The remainder of the plates, 65 in all, each show several fields reproduced from photomicrographs and are of reasonable quality. They cover the whole

field of morphological pathology in blood and marrow cells, a field in which Dr. Platt considers it essential for all haematologists to be properly proficient. In addition there are some black-and-white illustrations of electron microscope appearances, which are carefully explained. This atlas part of the book is very good and comprehensive.

The next section deals with laboratory techniques employed in clinical haematology. This covers all the recognized methods, and descriptions of machine methods are given where these are now available; special stains are well discussed and the various methods for testing coagulation factors are thoroughly set out. Radioisotope tracer techniques only receive brief mention, but methods of chromosome examination are fully described and well illustrated. The application of laboratory results to differential diagnosis is helped by a series of large figures and tables; for example, figures 8-10 show "a flow chart of the anemias and their differen-

tial diagnosis" which occupies 4 pages, and table 11-3 which relates laboratory findings to haemostatic factor deficiencies occupies three pages.

These parts of the book are very good, but in order to qualify for the title of "textbook of haematology" the author has included information about clinical signs and symptoms of the various haematological syndromes and also some discussion of their management. This information is, in fact, too brief to be of real value and hardly comes up to the standard of even a short textbook. The book is a large one and omission of this section might have reduced it to manageable proportions, because if an atlas and handbook of laboratory technique is to be of real value, it should be in a form that can be put on the bench when needed and kept in the laboratory for ready reference. This heavy and costly volume is likely to remain in the library.

M. C. G. ISRAËLS

## BOOKS RECEIVED

*Books noticed here may be reviewed later.*

**History of Medical Illustration:** From Antiquity to A.D.1600. Robert Herrlinger, D.M. (Pp. 178; 140s.) Pitman. 1970.

**A Strategy for Education.** Herman T. Epstein. (Pp. 122; 35s.) Oxford University Press. 1970.

**Advances in Biomedical Engineering and Medical Physics.** Vol. 3. Cardiac Engineering. Ed. Yukihiko Nosé and Sumner N. Levine. (Pp. 384; 190s.) Wiley-Interscience. 1970.

**Synthetic Food.** Magnus Pyke, Ph.D. (Pp. 145; 45s.) John Murray. 1970.

**The Meaning of Madness:** Symptomatology, Sociology, Biology and Therapy of the Schizophrenias. C. Peter Rosenbaum, M.D. (Pp. 411; \$12.50.) Science House. 1970.

**Munro Kerr's Operative Obstetrics.** 8th edn. J. Chassar Moir, F.R.C.O.G., and P. R. Myerscough, F.R.C.O.G. (Pp. 971; 180s.) Baillière, Tindall & Cassell. 1971.

**Functions of the Nervous System.** Vol. 2. Motor and Psychomotor Functions. Marcel Monnier. (Pp. 658; 400s.) Elsevier. 1970.

**Myelination.** A. N. Davison, D.Sc., and Alan Peters, Ph.D. (Pp. 238; \$13.50.) Charles C. Thomas. 1970.

**Steroid Biochemistry and Pharmacology.** M. H. Briggs and J. Brotherton. (Pp. 424; 140s.) Academic Press. 1970.

**Protein Sequence Determination:** A Sourcebook of Methods and Techniques. Ed. Saul B. Needleman. (Pp. 345; 195s.) Chapman & Hall. 1970.

**Electronic Instrumentation Theory of Cardiac Technology.** Laurence W. Piller. (Pp. 224; 90s.) Staples Press. 1970.

**Introduction to Dental Anatomy.** 6th edn. James Henderson Scott, M.D., and Norman B. Symons, M.Sc. (Pp. 448; 70s.) E. & S. Livingstone. 1971.

of Cancer, and among the many committees on which he serves are some at the Department of Health and Social Security, the Nuffield Foundation, and the Marie Curie Foundation.

#### Chair of Safety and Hygiene, Aston

Dr. G. R. C. ATHERLEY has been appointed the first professor of safety and hygiene at the University of Aston in Birmingham, from April 1971. Dr. Atherley qualified at Manchester in 1957. Special experience in aviation physiology, gained from service in the R.A.F., stimulated his interest in occupational health and he became lecturer in that subject at Manchester. Since 1968 he has been senior lecturer in pure and applied physics at Salford University. Dr. Atherley's main research work has been concerned with the effects of noise and he has also investigated the effects of solvents and printing inks on the health of printing workers.

#### Council for Postgraduate Medical Education

The first meeting of the newly formed Council for Postgraduate Medical Education was held on 18 December at the Royal College of Physicians, London. LORD ABERDARE, Minister of State, Department of Health and Social Security, inaugurated the proceedings. Professor H. N. ROBSON, vice-chancellor of Sheffield University and chairman of the new body, presided. Dr. J. O. F. DAVIES was appointed secretary, a post he had held with the Central Committee on Postgraduate Medical Education, the new council's predecessor.

#### Cancer Research Travel Fellowships

Travel fellowships in cancer research, for a maximum period of three months, are to be awarded during 1971-2 by the International Agency for Research on Cancer, W.H.O. The agency invites applications from individuals with scientific or medical qualifications engaged in cancer research on the staff of a university or research institution. Application forms are obtainable from the chief of the research training and liaison unit, International Agency for Research on Cancer, 16 Avenue Maréchal-Foch, 69-Lyon (6<sup>e</sup>), France.

#### Cancer Research Grants

The Cancer Research Campaign has just announced grants of more than £910,000 to 25 individuals and institutions in Britain and the Commonwealth, which brings to £2.1m. the total expected to be allotted for the campaign for 1971. The Middlesex Hospital Medical School is to receive £147,920 for work on physical, biochemical, and pathological factors concerned in the development of cancer. The major overseas grant is of £21,512 to Makerere University College, Uganda.

#### Research Scholarships in Italy

The Istituto Superiore di Sanità of Rome invites applications for 19 scholarships for research and study in its laboratories during 1971. Their value is approximately £1,250 each, to be paid over a period of ten months, and they are offered for the following subjects: biology

(1), chemistry (2), biochemistry (6), physics (2), microbiology and epidemiology (5), parasitology and epidemiology (1), veterinary studies (1), sanitary engineering (1). Applications, together with supporting documents, must reach Rome by 25 January 1971. Details can be obtained from the Bursary Department, Italian Institute, 39 Belgrave Square, London S.W.1.

#### British Association of Otolaryngologists

At the annual general meeting held on 4 December the following were elected officers for 1971: *president*, Mr. G. H. Bateman; *immediate past president*, Mr. J. Angell James; *vice-president*, Mr. N. L. Crabtree; *honorary treasurer*, Mr. I. G. Robin; *honorary secretary*, Mr. L. Taylor.

#### Dain Fund Scholarship

The above Scholarship has been awarded to Nevil Griffith, the 11-year-old son of the late Dr. A. C. Griffith and of Mrs. F. Griffith, now resident in Kenya. The scholarship is tenable at Christ's Hospital, Horsham, as from September, 1971 subject to the candidate passing the entrance examination of that school.

#### TV Programmes for Nurses

"Practical Techniques for Nurses in Training" is a series of ten 25-minute B.B.C.-1 television programmes starting on 5 January (3.45 p.m.) designed for the nursing profession and in particular for second year student nurses. The series consultant is Miss Winifred Hector, formerly principal tutor, St. Bartholomew's Hospital, who has written a booklet to accompany the series (B.B.C. Publications price 25p (5s.)).

#### Society of Apothecaries of London

Sir Brian Windeyer has been elected junior warden of the Society. Officers of the Faculty of the History of Medicine and Pharmacy are as follows: *chairman*, Dr. Noel Poynter; *vice-chairman*, Dr. G. Wolstenholme; *honorary secretary*, Dr. J. K. Crellin.

#### People in the News

Professor CHARLOTTE M. ANDERSON, who holds the chair of paediatrics and child health at Birmingham University, has been appointed to the Clinical Research Board of the Medical Research Council.

Dr. A. GORDON SIGNY, assistant director in the Overseas Department of the Central Office of the British Postgraduate Medical Federation, has been appointed regional postgraduate dean, South-west Metropolitan Region, from 1 October 1970, in place of D. R. MAXWELL JOHNSTONE, who has resigned.

#### COMING EVENTS

Royal College of Physicians of London.—Teach-in session by Lord Rosenheim, "Hypertension," 5 January, 8 p.m. For details see advertisement on page xxi.

St. Helier Medical Centre.—Study day, "Bone Diseases," for surgical and medical registrars, 14 January. Details and application forms from the clinical tutor, St. Helier Hospital, Wrythe Lane, Carshalton, Surrey. (Tel. 01-644 4343, extn. 419.)

King Edward's Hospital Fund for London.—Dialogue between Scandinavia and Britain, "Mental Handicap and Normalisation," 20 January, London W.1. Fee £2 (including lunch). Applications to the director, Hospital Centre, 24 Nutford Place, London W1H 6AN.

Intensive Courses.—The British Postgraduate Medical Federation announces details of courses to be held during January-August for general practitioners and local authority medical officers. See advertisement pages xxii and xxiii.

University College Hospital Medical School.—One-day meeting for consultants and all others interested, "New Aspects of Infant Feeding," 11 February. Programmes and application forms for tickets (£2), to be returned by 25 January, may be obtained from the secretary, Obstetric Unit, 88-96 Chenies Mews, London WC1E 6HX. (Tel. 01-387 9300.)

#### SOCIETIES AND LECTURES

For attending lectures marked \* a fee is charged or a ticket is required. Applications should be made first to the institution concerned.

##### Sunday, 3 January

EDGWARE POSTGRADUATE MEDICAL SOCIETY.—At Edgware General Hospital, 10 a.m., film; 11 a.m., Dr. K. R. Norton: Recent Advances in Paediatrics.

##### Monday, 4 January

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Clinicopathological conference, report by Dr. G. S. Anderson and Dr. J. B. Fenfold: An Outbreak of Diphtheria in a Closed Community.

##### Tuesday, 5 January

ADLERIAN SOCIETY OF GREAT BRITAIN.—At Alliance Hall, London S.W.1, 7.30 p.m., Dr. Lorna Wing: Autistic Children.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Arris and Gale lecture by Mr. R. T. J. Holl-Allen: Enhancement of Organ Allografts.

##### Wednesday, 6 January

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. P. Forgacs: Lung Sounds.  
INSTITUTE OF PSYCHIATRY.—5.30 p.m., Dr. D. L. Davies: The Patient who Threatens Violence.

##### Thursday, 7 January

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Marc Daniels lecture by Dr. V. H. Springett: Ten Year Results during the Introduction of Chemotherapy for Tuberculosis.

##### Friday, 8 January

OXFORD MEDICAL SOCIETY.—At department of physiology, Parks Road, 8.30 p.m., Professor W. R. S. Doll, F.R.S.: Recognition of Unwanted Drug Effects.

#### UNIVERSITIES AND COLLEGES

##### EDINBURGH

M.D.—J. I. Evans, N. R. Galloway, I. C. H. Hawkes, A. L. Muir, I. J. Williamson.  
PH.D.—In the Faculty of Medicine: Fiona M. Brooke, J. A. Habeshaw, M. J. Keating, J. D. Naysmith, I. A. Nimmo.  
M.B., CH.B.—Andréa F. Crawford, J. A. Matheson.  
1 Commended for thesis.

##### DUBLIN

SCHOOL OF PHYSIC, TRINITY COLLEGE  
M.B., B.Ch., B.A.O.—G. Blankson-Beecham, M. A. P. Bourke, A. W. Etuk, Eileen M. Gibbons, N. Jasani, J. A. R. Johnston, A. O. Keleko, H. O. Peters, W. M. Russell, C. Snape, Clare Wood.

##### LIVERPOOL

Appointments.—Mr. R. A. Sells (senior lecturer (special appointment) in surgery); Dr. K. N. Brown (lecturer in medical microbiology).

#### Notice to Authors

When original articles and letters for publication are not submitted exclusively to the *British Medical Journal* this must be stated.

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