

methods of diagnosis and investigation, with a final excellent section on genito-urinary operations and techniques.

The reproductions of radiographs, line drawings, and photographs throughout both volumes are superb. There is a complete bibliography and summary at the end of each chapter, as well as a general bibliography and index at the end of the second volume. A translation of this work would make a valuable contribution to urology.

J. E. SEMPLE.

ANALYSIS OF ABILITIES

The Structure of Human Abilities. By Philip E. Vernon, M.A., Ph.D., D.Sc. (Pp. 208+xvi. 30s.) London: Methuen and Company Limited. New York: John Wiley and Sons, Inc. 1960.

In the first edition of this book, published in 1950, Professor Vernon reviewed a great number of researches carried out here and in the U.S.A. since the beginning of the century, but more particularly since 1930 and during the second world war, with the object of classifying the more important abilities required for success in scholastic work, civil employments, and military duties. All the researches he quotes rely on the method of factor analysis in arriving at their conclusions; and Vernon adopts the same method, but uses it frequently to re-interpret results and argue that they are consistent with his own opinions.

He considers that the most important ability contributing to success in these fields is general intelligence (*g*). He does not regard *g* as a unitary trait but subdivides it according to a hierarchical scheme. The first subdivision is into two factors, verbal: educational (*v:ed*) and spatial: mechanical (*k:m*). Each of these is again subdivided, *v:ed* into a more purely verbal ability and a numerical ability, and *k:m* into mechanical information, spatial, and manual factors. At a still lower level in the hierarchy he places a great variety of more specific sub-factors.

These opinions, which follow closely on already well-known theories of Spearman and Burt, are very prevalent among educational psychologists to-day, and familiarity with them is presupposed in many technical publications on education. Vernon's exposition can be accepted as authoritative.

In criticism one may note that his reliance on factor analysis is too exclusive. The method always admits alternative interpretations. The United States Educational Service, for instance, uses a different classificatory scheme which is not even hierarchical. Vernon is judiciously reserved on some subjects about which many readers might like to know more: he does not draw distinctions between innate and acquired abilities, or offer practical advice on what tests or combinations of tests are most useful for assessing *g*, *v:ed*, and the other abilities in particular age-groups, etc. His views are less relevant to occupational problems than to educational ones, and their relevance to clinical problems is very slight.

In the new edition he has added a chapter on "Factor Analysis from 1950 to 1959." One puts it down feeling regretfully that even Vernon is not quite equal to the Herculean task of maintaining a semblance of order in the turbulent chaos continually engendered by factor analysis.

PATRICK SLATER.

BOOKS RECEIVED

Review is not precluded by notice here of books recently received.

The Design of Research Laboratories. The Report of a Study carried out by the Division for Architectural Studies of the Nuffield Foundation. (Pp. 211+xx; illustrated. 45s.) London, New York, Toronto: Oxford University Press. 1961.

Impressions of European Psychiatry. By Walter E. Barton, M.D., Malcolm J. Farrell, M.D., Frances T. Lenehan, R.N., and William F. McLaughlin, M.D. (Pp. 128+x. No price.) Washington: American Psychiatric Association. 1961.

Injuries and Infections of the Hand. By Robert H. C. Robins, M.A., M.B., B.Chir., F.R.C.S. (Pp. 220+xii; illustrated. 63s.) London: Edward Arnold (Publishers) Ltd. 1961.

World Review of Nutrition and Dietetics. Volume 2. Edited by Geoffrey H. Bourne. (Pp. 247+viii; illustrated. 60s.) London: Pitman Medical Publishing Co. Ltd. 1961.

My Fight for Sanity. By Judith Kruger. (Pp. 282. 18s.) London: Hammond, Hammond and Company. 1961.

A Short Textbook of Haematology. By R. B. Thompson, M.D., F.R.C.P. (Pp. 306; illustrated. 30s.) London: Pitman Medical Publishing Company Limited. 1961.

Electrical Studies on the Unanesthetized Brain. Edited by Estelle R. Ramey, Ph.D., and Desmond S. O'Doherty, M.D. (Pp. 423+xiii; illustrated. \$7.50.) New York: Paul B. Hoeber, Inc. 1960.

Essentials of Neurology. By John N. Walton, M.D., M.R.C.P. (Pp. 422+xviii; illustrated. 30s.) London: Pitman Medical Publishing Company Limited. 1961.

Orthopädische Krankengymnastik. By Friedrich Popp. (Pp. 154+xvi; illustrated. DM. 12.30.) Jena: Veb Gustav Fischer Verlag. 1961.

Das milieugeschädigte Kind. Report of the Third Conference of the Medical Scientific Society in the Deutsche Demokratische Republik on the Study of Present-day Living Conditions (November 27-28, 1959, in Leipzig.) (Pp. 116+xii. DM. 8.45.) Jena: Veb Gustav Fischer Verlag. 1961.

Proceedings of the 27th Annual Conference of the National Society for Clean Air. Harrogate 5-7 October, 1960. (Pp. 178; illustrated. 25s.) London: National Society for Clean Air. 1961.

Concepts of Medicine. A Collection of Essays on Aspects of Medicine. Edited by Brandon Lush, M.D., M.R.C.P. (Pp. 286+x; illustrated. 50s.) Oxford, London, New York, Paris: Pergamon Press. 1961.

Survey of Research in Gestation and the Developmental Sciences. By Jack Davies, M.A., B.Sc., M.D. (Pp. 203+v. 48s.) London: Baillière, Tindall and Cox. 1960.

Nature of Rheumatic Heart Disease with Special Reference to Myocardial Disease and Heart Failure. By George E. Murphy, M.D. (Pp. 289-343+162 colour plates. No price.) London: Baillière, Tindall and Cox. 1960.

A Doctor's Memoirs. By A. I. Willinsky. (Pp. 183+x. 28s.) Toronto: The Macmillan Company. 1960.

The Evidence for Survival from Claimed Memories of Former Incarnations. The Winning Essay of the Contest in Honour of William James. By Ian Stevenson, M.D. (Pp. 44. 2s.) Tadworth, Surrey: M. C. Peto. 1961.

The Biology of Stentor. By Vance Tartar. (Pp. 413+x; illustrated. 75s.) Oxford, London, New York, Paris: Pergamon Press. 1961.

Anorexia Nervosa. Its History, Psychology, and Biology. By Eugene L. Bliss, M.D., and C. H. Hardin Branch, M.D. (Pp. 210+vii. No price.) New York: Paul B. Hoeber, Inc. 1961.

Child Mortality and Population Pressure in the D.I. Jogjakarta Java, Indonesia. A Social-Medical Study. By Maarten Timmer. (Pp. 504; illustrated. No price.) Rotterdam: "Bronder-Offset." 1961.

Le Glaucome. Étude Critique sur les Hypertensions Oculaires. By P. Desvignes. (Pp. 181. NF. 35.) Paris: Masson et Cie. 1961.

Les Réactions Opto-Motrices. Contribution à l'Étude des Fonctions du Cerveau. By H. W. Stenvers. (Pp. 133+vii; illustrated. 26 NF.) Paris: Masson et Cie. 1961.

Medical Notes in Parliament

ON LABELLING OF MEDICINES

[FROM OUR PARLIAMENTARY CORRESPONDENT]

A long question by Lord ARCHIBALD on May 2 about the Joint Formulary Committee's report on the labelling of medicines developed into a claim for the patient's right to know what he was being given. Lord Archibald regarded the recommendations of the Committee as inadequate; asserted that many doctors and chemists were in favour of the full name of the prescribed drug being shown on all containers—and that many of them had followed this practice for years, with satisfactory results; and asked for publicity to acquaint patients with the recommendations comparable to that to doctors and pharmacists.

A Professional Matter

Lord NEWTON, the Government spokesman, took the view that this was entirely a professional matter, and that it would be inappropriate for the Government to express a view about the Committee's conclusions. "It is for the doctor," he said, "to decide what should appear on the label and to give adequate instructions to his patient, and there would therefore be no purpose in publishing to patients the Committee's recommendations."

Lord ARCHIBALD disputed that this was entirely a professional question. It concerned the patients, and he asked that the Minister of Health should consider it again. For the benefit of the patients, the general rule should be that all containers should be labelled with their contents, and it should be left to the discretion of the doctor to withhold the information only where he felt it essential to do so.

Lord TAYLOR came to his support, pointing out that patients were given three or four pots of tablets, and did not know which was which. It would be a great help if the naming were automatic and the deletion were at the request of the doctor. So did Lord REA, with a comment that this was something of a hangover from witchcraft, because the professions were secretive about it. If he wanted to know whether a pill from box 6142 would mix with one from 7493, he said, he asked his chemist if it would kill him or do him good, and it took the chemist a little time to reply.

Lord NEWTON declined to express an opinion on the merits of the case. It was for the doctors to do as they thought fit. Lord LATHAM asked him if he thought the profession would resist any representations made by the Minister. Lord NEWTON.—I cannot say what the reaction of the profession would be. I am quite sure the Minister would not make representations on a matter which he regards as being entirely a professional one. Lord LATHAM.—That is to say, he washes his hands of the whole question. Lord NEWTON.—That is not a fair interpretation to put on it. Lord LATHAM.—He does not propose to do anything. Lord NEWTON.—Ministers of Health have not sought to interfere in entirely professional matters for many years. I would have thought that if they did they would be doing something that the great majority of doctors would resent.

Patients' Right to Know

Lord ARCHIBALD asked him to convey to the Minister the views that had been expressed in these exchanges, and particularly the view that it was not a question only of the right of the doctor, but of the right of the patient to know what he was being asked to take. This Lord NEWTON promised to do, adding that so far as he knew if a patient wished to know what was being prescribed for him there was nothing to prevent him asking the doctor to write on the label what he was giving him.

Lord LATHAM and Lord ARCHIBALD both made the point that patients did not know they had that right. Lord Archibald said there was, unfortunately, far too great a

respect on the part of patients for the great power and wisdom of the doctor. They did not know they had the right to ask for this. The report of the Joint Formulary Committee had been widely publicized. He wanted the public to be as well informed of their rights as the doctors were informed of the recommendations of the Committee. Lord NEWTON promised to see that the Minister of Health understood how strongly Lord Archibald felt about it. Lady HORSBRUGH had the last word: "A great many people, according to my information from doctors, already asked what is in the medicine, and when they are told they do not know in the least what it is."

QUESTIONS IN THE COMMONS

Pneumoconiosis Appeals

Mr. WILLIAM STONES (Consett, Lab.) asked the Minister of Pensions and National Insurance on May 1 how many appeals had been made, under the National Insurance (Industrial Injuries) Acts, to the commissioner during the last three years in cases where conflicting medical evidence had been submitted on whether pneumoconiosis was a contributory cause of death, by the dependants of the deceased and by the local insurance officer, respectively; and how many of such appeals had been upheld or rejected in each of the two categories.

Mr. J. BOYD-CARPENTER informed him that in the three years ended December 31, 1960, there were 143 appeals to the commissioner in connexion with claims for death benefit under the Industrial Injuries Acts on the question whether pneumoconiosis was a contributory factor in the cause of death. One hundred of these appeals were made by dependants of the deceased and 43 by the insurance officer; four of the dependants' appeals were successful and 42 of those of the insurance officer. While medical evidence must play an important part in the decision of these cases, it would be wrong to assume that there was a conflict of such evidence on every appeal.

Drugs Bought on the Continent

Mr. JOHN HALL (Wycombe, Con.) asked the Minister of Health at what prices hospitals were able to buy chlorothiazide, tetracycline, and chloramphenicol from the Continent; how these prices compared with those charged by British manufacturers; and if the Continental and British drugs were of comparable quality. Mr. ENOCH POWELL stated that some hospitals had bought small quantities of these drugs at £5, £37 5s., and £27 per 1,000 tablets respectively. These prices were approximately one-third lower than those charged by suppliers in this country. The drugs purchased were believed to be of comparable quality.

N.H.S. Payroll Tax

Mr. HALL also asked for an estimate of what would be the additional cost to the services for which the Minister was responsible if a payroll tax of 4s. per person were imposed for the 12 months from May 1, 1961. Mr. POWELL: About £5m. (excluding local authority staff).

Universities and Colleges

UNIVERSITY OF OXFORD

Professor J. H. Burn, F.R.S., emeritus professor of pharmacology in the University, has been elected to an emeritus fellowship of Balliol College.

UNIVERSITY OF CAMBRIDGE

In Congregation on April 29 the following degrees were conferred:

M.D.—J. T. Rowling, R. M. Buckle.
M.CHIR.—*I. J. Cour-Palais, B. A. Maurice, J. A. MacDougall.
M.B., B.CHIR.—*R. N. Davies.
M.B.—*W. K. Blenkinsopp, P. Richards, D. R. Bailey.
*By proxy.

UNIVERSITY OF GLASGOW

On June 21 the honorary degree of LL.D. will be conferred on Professor J. W. McLeod, F.R.S., emeritus professor of bacteriology in the University of Leeds.

On April 29 the degree of M.D., with commendation, was conferred on J. N. Norman.

UNIVERSITY OF EDINBURGH

At a meeting of the University Court held on April 24 Professor J. H. F. Brotherton was appointed representative on the General Medical Council.

The following were appointed members of the teaching staff: Mr. A. N. Smith, Senior Lecturer, and Mr. T. J. McNair and Mr. James A. Ross, part-time Senior Lecturers, all in the Department of Clinical Surgery; Dr. S. K. Niyogi, temporary Assistant in the Department of Forensic Medicine; Dr. T. Astarabadi, temporary Lecturer in Physiology; Dr. E. A. Smith, part-time Senior Lecturer in the Department of Public Health and Social Medicine.

UNIVERSITY OF LONDON

On March 29 the degree of M.D. was awarded to D. Munro-Ashman and P. A. T. Wood.

Professor R. S. F. Schilling has been nominated for reappointment as representative of the University on the council of management of the Slough Industrial Health Service, Ltd.

UNIVERSITY OF BRISTOL

On May 6 the honorary degree of M.D. was conferred on Professor W. C. W. Nixon, professor of obstetrics and gynaecology in the University of London; Sir Arthur Porritt, President of the Royal College of Surgeons of England; and Professor L. J. Witts, Nuffield professor of clinical medicine in the University of Oxford.

ROYAL COLLEGE OF PHYSICIANS OF LONDON

At a quarterly comitia of the College held on April 27, with the President, Sir Robert Platt, Bt., in the chair, Dr. R. D. Curran was elected College representative on the General Medical Council.

Fellowship

The following were elected Fellows of the College:

R. A. Brews, M.D. (London), Major-General C. C. Kapila, O.B.E., M.B. (India), K. L. Wig, M.B. (India), A. B. Carter, M.D. (Surrey), G. Giglioli, O.B.E., M.D. (British Guiana), S. G. Browne, M.D. (Nigeria), S. A. Hasan, M.B. (Pakistan), I. H. Gosset, B.M. (Northampton), J. A. Price, M.D. (Bradford), A. J. McCall, M.D. (Staffordshire), V. E. Lloyd Hart, M.R.C.P. (Buckinghamshire), M. E. Chinner, M.D. (Australia), H. T. H. Wilson, M.D. (London), M. G. Nelson, M.D. (Belfast), G. R. Steed, M.D. (Plymouth), C. W. Kesson, M.D. (London), W. P. U. Jackson, M.D. (South Africa), G. M. Brown, M.D. (Canada), R. J. Harrison, M.R.C.P., D. B. Jelliffe, M.D. (East Africa), B. G. C. Ackner, M.D. (Surrey), Portia G. Holman, M.D. (London), B. E. Miles, M.B. (Hereford), R. P. Warin, M.D. (Bristol), J. R. Bignall, M.D. (London), W. J. H. Butterfield, O.B.E., B.M. (London), J. A. Hobson, M.D. (London), S. C. Truelove, M.D. (Oxford), G. F. Adams, M.D. (Belfast), J. Lister, M.D. (Windsor), G. de J. Lee, M.D. (Oxford), E. McC. McGirr, M.D. (Glasgow), P. E. Polani, M.D. (London), Surgeon-Captain F. P. Ellis, O.B.E., M.D., R.N. (London), W. E. King, M.D. (Australia), J. P. P. Stock, M.D. (Staffordshire), E. L. McDonald, M.D. (London), M. J. Meynell, M.D. (Birmingham), R. W. Gilliat, D.M. (London), R. M. Norman, M.D. (Bristol), C. H. Best, C.B.E., M.D., F.R.C.P.(C), F.R.S. (Canada), Lieutenant-General W. A. Burki, C.B.E., M.D. (Pakistan), M. G. Candau, M.D. (Switzerland).

Mr. James Stirling, Q.C., was elected to the office of senior standing counsel to the College.

Dr. J. Forest Smith and Professor E. F. Scowen were appointed as College representatives on the council of the Imperial Cancer Research Fund until April, 1964.

Membership

The following, having satisfied the Censors' Board, were elected Members of the College:

R. P. Ashfield, M.B., Andrew Guan Khuan Chew, M.B., F. Clark, M.B., A. L. Cochran, M.B., A. M. Denman, M.B., N. J. B. Evans, M.B., R. G. Gold, M.B., C. J. Goodwill, M.B., K. R. Gough, M.D., P. J. Graham, M.B., A. Groll, M.B., J. D. Hardcastle, M.B., J. R. Hearnshaw, M.B., Flight Lieutenant D. H. Hull, M.B., R.A.F., R. F. Jewkes, M.B., R. G. Lascelles, M.B., M. R. Lee, B.M., W. P. D. Logan, M.D., H. A. McClelland, M.B., R. MacLennan, M.B., H. Meindok, M.B., G. J. Milton-Thompson, M.B., D. H. Neale, B.M., M. A. Newton, M.B., J. Payan, M.B., G. D. Pegrum, M.B., J. W. Princeas, M.B., A. Ramishvili, L.R.C.P., M. J. Raphael, M.B., A. Robinson, M.B., H. N. Robson, M.B., D. J. Scott, M.B., P. F. Sheppard, M.B., R. A. Shooter, M.D., J. A. R. Tibbles, M.B., Captain G. L. Tullett, M.B., R.A.M.C., L. A. Turnberg, M.B., D. A. Walk, M.B., R. S. Wells, M.B., G. B. Wyatt, M.B., N. R. Young, M.B., Pamela M. R. Zinkin, M.B.

Licences

Licences to practise were conferred upon the following successful candidates who have passed the final examination in medicine, surgery, and midwifery of the Conjoint Board, and who have complied with the by-laws of the College:

K. W. Abel, Katherine J. Adcock, O. G. Agbim, M. Aidoo, C. D. Allen, Nee Amua-Quarshie, P. P. Anthony, Ann P. Appleby, R. F. Armstrong, Roma S. Ashby, Lesley B. Ashworth, D. A. Aubrey, J. S. Ball, J. L. K. Bankes, E. Barker, G. Barlow, T. P. Bartlett, M. E. Blacklee, L. M. Blendis, J. A. Bonn, P. J. Brewer, H. W. E. Briscoe, E. J. Brown, Lorna A. Brown, W. Bunting, R. E. Burfoot, L. Burn, D. M. Callum, J. W. Carswell, Margaret L. E. Chastaney, Margaret W. Childe, A. Cockerton, K. A. Comish, Dolores Corcoran, Penelope A. Cove-Smith, W. S. C. Cox, Susannah Cutner, Judith M. Darmady, D. Ll. Davies, G. J. Davies, J. D. Davies, M. J. Davies, R. P. Davies, F. T. de Dombal, S. B. R. Desai, H. M. A. Dixit, J. A. Dormandy, Maureen B. Duggan, Joy B. Edelman, D. Faro, T. J. Fyfe, Hedi L. Firth, G. T. Foggett, W. J. Gard, M. Goldberg, Rosamund Gould, E. J. W. Gumpert, Pamela M. Hagan, M. G. Haltord, R. E. Hamill, I. W. Hanwell, J. C. Harding, F. Harkins, D. L. Harris, A. Hart, W. G. Hartfall, D. C. Herbert, Doreen M. Heyworth, B. M. Hogbin, Tessa Holman, J. T. Holmes, Hilary J. Honey, E. A. Hopkins, Alisa Hornung, G. Hughes, Margaret E. Hughes, Kathleen M. Hunt, Shirley D. Hunter, W. J. Hunter, D. W. Hyatt, M. Indech, M. I. V. Jayson, B. M. Jones, T. M. B. Jones, T. Katar, P. G. Kay, Susan Kay, Heather Lachlan, R. C. Lallemand, W. A. Landers, Eileen Larkin, R. J. Lavelle, Chong Moh Lee, G. J. T. Lewis, I. K. Lewkonis, C. D. R. Lightowler, W. A. Lindsay, A. J. Lines, Barbara V. Longley, Sabina A. Loria, T. J. McCarthy, Ann-Mary E. Macdonald, Coral R. Knight, Mary B. MacKeith, I. L. Mackenzie, Jean McKinnon, O. Marrack, J. P. Martin, H. R. Matthews, B. F. Meggitt, Lucy Mensah, D. S. Miller, Diana E. Millward, Mary C. Milne, Ruth M. Morris, G. W. Morris, D. B. Moss, Barbara A. Moyes, Julia A. Munro, Judith C. Naylor, Rosemary R. Norton, R. G. Palmer, W. M. P. Patterson, M. E. Paul, Dorothy E. Platts, Le-Roy Priaux, M. G. Prinn, B. W. Pullen, Margaret Pyke, D. S. Reeves, Janis M. Richmond, D. M. Ricks, Joyce M. Robinson, Valerie A. Rogers, M. A. Salmon, C. K. Salt, S. H. Saunders, R. J. Schick, A. Schulman, A. B. Shaw, Joy G. Shaw, S. M. Sheen, G. H. Smith, T. A. Spratley, S. L. R. Stanton, D. Steel, P. H. Stevens, Sheila C. Stewart, M. A. S. Stoby, E. Stonehill, J. C. H. Strachan, C. M. Swan, Margaret E. Tamblin, Angela C. Telfer, B. Thalayasingham, G. M. Theobald, B. O. Thomas, G. O. Thomas, Valerie J. Thomas, Iris A. McN. Trayner, K. A. Turner, M. F. Tyrrell, Elizabeth J. Tyler, J. M. Varney, Frances Wahl, Pamela G. Wales, W. A. Wallbank, Barbara C. Walsh, Dorothy C. Watkins, D. J. Westlake, D. H. Wickenden, Margaret Williams, F. J. Woodroffe, B. J. Woolford, Adela W. Wright, I. G. Wylie, M. Young, M. A. Zatouroff.

Diplomas

A Diploma in Anaesthetics was granted, jointly with the Royal College of Surgeons of England, to J. M. Cundy.

Diplomas in Ophthalmology, in Medical Radiodiagnosis, in Medical Radiotherapy, in Child Health, in Physical Medicine, in Tropical Medicine and Hygiene, and in Psychological Medicine were granted, jointly with the Royal College of Surgeons of England, to the successful candidates whose names were printed in the report of the meeting of the Royal College of Surgeons of England held on April 13 (*Journal*, May 6, p. 1329).

Vital Statistics

Paratyphoid Fever

During the week ended Saturday, April 29, 25 cases of paratyphoid fever were notified in England and Wales. Twenty-one of these were in Lancashire or Cheshire (8 in Manchester C.B., 4 in Stockport C.B., 3 in Marple U.D., 2 in Salford C.B., and 1 each in Cheadle and Gatley U.D., Wilmslow U.D., Urmston U.D., and Macclesfield R.D.).

Industrial Accidents and Diseases

The number of workpeople (other than seamen) in the United Kingdom whose deaths from accidents in the course of their employment were reported in March was 104, compared with 99 in the previous month and 99 in March, 1960.

The numbers of cases of industrial disease in the United Kingdom reported during March were as follows: lead poisoning 4, compressed-air illness 2, epitheliomatous ulceration 22, chrome ulceration 7, total 35. There were no deaths.

Graphs of Infectious Diseases

The graphs below show the uncorrected numbers of cases of certain diseases notified weekly in England and Wales. Highest and lowest figures reported in each week during the years 1952-60 are shown thus -----, the figures for 1961 thus ———. Except for the curves showing notifications in 1961, the graphs were prepared at the Depart-

MEDICAL AND BIOLOGICAL ILLUSTRATION

Frontispiece.

Some Facies in the Diseases of Childhood. Derek Martin.
Medical Photography in the Nineteenth Century. Alison Gernsheim.
A Medical Art Department. Freda Wadsworth.
Some Observations on the Photography of the Diseased Skin. Raymond J. Lunn.
Surface-contact Microscopy: Studies in Cell Movements. E. J. Ambrose and P. C. T. Jones.
Audi Pariem Alteram.
Equipment and Methods:
Magnetic Camera Attachment for Cine-endoscopy.
Combined Developer-Fixer.
Photosensitive Balloon for the Detection of Gastric Carcinoma.
"Artype" Numerals, Symbols, and Alphabets.
Ross Microreader.
Leica Lens Turret.
V.C. Personal Reader.
Light Measurement.
A Sound Recording Unit for 16-mm. Cameras.
Out-of-print Books.

Abstracts.

Book Reviews.

Motion Pictures.

Reports and Proceedings.

Volume 11, No. 2. (Quarterly; £3 annually.)

BRITISH HEART JOURNAL

Regional Pulmonary Blood Flow in Patients with Circulatory Shunts. C. T. Dollery, J. B. West, D. E. L. Wilcken, J. F. Goodwin, and P. Hugh-Jones.
Serum Lactic Dihydrogenase Estimations in Myocardial Infarction. T. W. Stewart and F. G. Warburton.
The Heart in Scleroderma. Samuel Oram and Wilfred Stokes.
Effect of Exercise on the Electrocardiogram in Healthy Subjects. H. G. Lloyd-Thomas.
The Photo-electric Earpiece Technique for Recording Dye Dilution Curves. Ivor Gabe and John Shillingford.
Falsely High Pressure Curve from the Right Atrial Appendage. B. W. Johansson and N.-M. Ohlsson.
The ABC Cardiogram of Right Ventricular Hypertrophy. L. H. Harris.
The Effect of Antimony Dimercapto-succinate on the Electrocardiogram. A. Davis.
Pulmonary Ossile Nodules in Mitral-Valve Disease. R. W. Galloway, E. J. Epstein, and N. Coulshard.
Congenital Tricuspid Atresia with Transposition of the Great Vessels. C. A. J. Macafee and G. C. Patterson.
Weight of Cardiac Ventricles At and After Birth. John L. Emery and Avinash Mithal.
Selection of Techniques for the Measurement of Left Heart Pressures. Neil A. J. Hamer and James W. Dow.
Case Reports:
Paroxysmal Atrial Flutter in Peroneal Muscular Atrophy. David Leak.
Triatrial Heart. C. S. Dyke, J. L. Emery, and J. Lorber.
Multiple Calcific Embolism Following Mitral Valvotomy. M. J. T. Adams.

Volume 23, No. 3. (Bi-monthly; £4 4s. annually.)

SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked ●. Application should be made first to the institution concerned.

Monday, May 15

LONDON UNIVERSITY.—At King's College, Strand, W.C., 5.30 p.m., special university lecture in biophysics by Professor A. Engström (Stockholm): Micro X-ray Analysis Applied to Biology and Medicine.
MANCHESTER MEDICAL SOCIETY.—At Large Anatomy Theatre, Manchester University Medical School, 5 p.m., meeting of Fellows, Professor Hollowell Davis: Relation of Presbycusis to Noise-induced Hearing Loss.
MANCHESTER MEDICAL SOCIETY: SECTION OF GENERAL PRACTICE.—At Large Anatomy Theatre, Manchester University Medical School, 9 p.m., Presidential address by Dr. Jean L. Broughon: Growing Up in Manchester.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. Brian Ackner: Alcohol Addiction.

Tuesday, May 16

ILFORD MEDICAL SOCIETY.—At King George Hospital, Ilford, 8.45 p.m., annual general meeting and cocktail party.
LONDON UNIVERSITY.—At King's College, Strand, W.C., 5.30 p.m., special university lecture in biophysics by Professor A. Engström (Stockholm): Bone as a Problem in Molecular Biology.
ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Wright-Fleming Institute, 5 p.m., Dr. D. N. Menzies: Uses of Oxytocin in Obstetrics.

Wednesday, May 17

BROOK GENERAL HOSPITAL.—5.45 p.m., Dr. P. Wolf: Intravascular Clotting.
CHILDREN MEDICAL SOCIETY.—At High Wycombe Hospital, 7.45 p.m., annual general meeting: 8.30 p.m., clinical meeting on "Anaemia."
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Professor E. I. Grin: Control of Tinea Capitis.
INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Mr. Donald Barlow: Difficulty in Swallowing.
LONDON UNIVERSITY.—At King's College, Strand, W.C., 5.30 p.m., special university lecture in biophysics by Professor A. Engström (Stockholm): Dose-damage Relationship for Internal Contamination with Radioisotopes.
OXFORD UNIVERSITY.—At Dyson Perrins Laboratory, 5 p.m., Litchfield Lecture by Professor F. G. Young, F.R.S.: Research on Diabetes Mellitus.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. B. P. Marmion: Some Aspects of Viral and Rickettsial Pneumonias in Man.
ROYAL FREE HOSPITAL.—5.15 p.m., Dr. J. A. L. Gilbert (Edmonton, Alberta): After Gastrectomy.
ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE: EDINBURGH BRANCH.—At West Medical Theatre, Royal Infirmary, Edinburgh, 5 p.m., Dr. L. H. Turner: Plantar and Palmar Lesions in the Tropics, with Special Reference to Yaws Eradication.
WILLESDEN GENERAL HOSPITAL MEDICAL SOCIETY.—At Department of Physical Medicine and Rheumatism, Willesden General Hospital, Harlesden Road, N.W., 8.30 p.m., Mr. R. H. Maingot: Gallstones.

Thursday, May 18

BELMONT HOSPITAL CLINICAL SOCIETY.—8 p.m., Professor H. J. Eysenck: Learning Theory and Neurosis.
GROUP FOR REPRESENTATION OF THE VIEWS OF CLINICAL PSYCHIATRISTS.—At Rygate Room, Tavistock House North, Tavistock Square, London W.C., 5.30 p.m., meeting.
INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Dr. J. L. Stafford: Modern Trends in the Theory and Practice of Blood Transfusion.
LONDON JEWISH HOSPITAL MEDICAL SOCIETY.—At Medical Society of London, 8.15 p.m., Mr. Ralph Shackman: Modern Treatment of Acute Renal Failure.
LONDON UNIVERSITY.—At King's College, Strand, W.C., 5.30 p.m., special university lecture in pharmacology by Professor N. Jancsó (Szeged, Hungary): Inflammation and Inflammatory Mechanisms.
NUFFIELD ORTHOPAEDIC CENTRE.—At Wingfield-Morris Orthopaedic Hospital, Oxford, 8.30 p.m., Professor P. Lacroix: Healing of Fractures.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. Lilian Recant: Oral Hypoglycaemic Agents.
ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.—At 26 Portland Place, London W., 7.30 p.m., Dr. W. E. Ormerod: Study of Volutin Granules in Trypanosomes. A discussion will follow.
ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. J. Hamilton Paterson: postgraduate demonstration in neurology.
SOCIETY OF MEDICAL OFFICERS OF HEALTH: SOUTHERN BRANCH.—At Priory-dean Hospital, Portsmouth, 3 p.m., Miss P. E. O'Connell: The Health Visitor—What Next?

Friday, May 19

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. N. C. Oswald: clinical demonstration.
INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—3.30 p.m., clinical discussion for general practitioners. Mr. D. F. N. Harrison: Tonsil and Adenoid Problems.
LIVERPOOL SOCIETY OF ANAESTHETISTS.—At Liverpool Medical Institution, 8 p.m., 29th annual general meeting.
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—10 a.m., Mr. D. N. Walder: Blood Flow.

APPOINTMENTS

EAST ANGLIAN REGIONAL HOSPITAL BOARD.—Eileen Evans, M.B., B.S., D.C.H., Registrar in Psychiatry, Suffolk Mental Hospitals; Catherine M. Lamp'urh, M.B., Ch.B., D.Obst.R.C.O.G., Registrar in Obstetrics and Gynaecology, Peterborough Hospital Group; P. N. Jha, M.B., B.S., D.T.M.&H., Registrar in Geriatrics, West Suffolk Hospital Group; T. Arwyn Evans, M.B., B.S., Surgical Registrar (Casualty), Ipswich and East Suffolk Hospital, Angelsea Road Wing; M. G. C. Kelly, M.B., B.Ch., Registrar in Psychiatry, Little Plumstead Group of Hospitals and Child Psychiatry Service.
MANCHESTER REGIONAL HOSPITAL BOARD.—R. W. Grayburn, M.B., B.S., M.R.C.O.G., Consultant Obstetrician and Gynaecologist (nine half-days weekly), Lancaster and Kendal Group of Hospitals; Constance E. Field, M.D., M.R.C.P., Temporary Consultant Paediatrician (eight half-days weekly), South Manchester Group of Hospitals; H. McIntyre, L.R.C.P. & S.Ed., D.A., Assistant Anaesthetist (nine half-days weekly), Preston and Chorley Group of Hospitals; T. Gordon, M.B., B.Ch., Dip.Path., Whole-time Assistant Pathologist, Salford Royal Hospital; J. H. McHugh, M.B., B.Ch., Whole-time Assistant Psychiatrist, Calderstones Hospital; W. W. Zabron, M.D., Whole-time Senior Casualty Officer, Rochdale and District Group of Hospitals.

BIRTHS, MARRIAGES, AND DEATHS

BIRTHS

Tyler.—On April 9, 1961, at "Torbane," Torrington, Devon, to Jean (formerly Capey), M.B., Ch.B., wife of John Tyler, B.V.Sc., M.R.C.V.S., a brother for Wendy—Richard John.

DEATHS

Cowell.—On April 16, 1961, at The Flagstaff, Northam, North Devon, May Penelope Cowell, M.B., Ch.B., D.P.H.
Croft.—On April 6, 1961, at Dunstan House, Stanborough Road, Plymouth, Plymouth, Devon, Stanley Howard Croft, M.R.C.S., L.R.C.P.
Davidson.—On April 12, 1961, Francis John Davidson, M.B., Ch.B., of St. George's Terrace, Bridge of Weir, Renfrewshire.
Gray.—On April 25, 1961, at his home, 6 Radnor Park West, Folkestone, Kent, James Dow Gray, M.D., aged 76.
Gray.—On April 22, 1961, John Talbot Carmichael Gray, M.R.C.S., L.R.C.P., of 22 Audley Road, Ealing, London W.
Holtby.—On April 26, 1961, at his home, Bude, Cornwall, Harold Holtby, M.B., B.S.
Howat.—On April 20, 1961, at the Royal Infirmary, Edinburgh, Clarence Hugh Howat, M.B., F.R.C.S.Ed., D.T.M.&H., of 44 Howe Street, Edinburgh.
Human.—On April 19, 1961, Jurie Johannes Human, M.R.C.S., L.R.C.P., late of Holly Bank, Vicarage Road, Halling, Rochester, Kent.
Hunot.—On April 15, 1961, at Little Hill, Crapstone, Yelverton, Devon, Frank Cornwell Hunot, M.R.C.S., L.R.C.P., Surgeon-Captain R.N., retired.
Kelly.—On April 21, 1961, at Clonmore, Charing, Kent, James Cecil Kelly, D.S.C., M.D., Surgeon Captain, R.N., retired, aged 73.
Kilpatrick.—On April 26, 1961, at Teignmouth, Devon, Daniel Ross Kilpatrick, M.D.
Ledlie.—On April 3, 1961, Robert James Ledlie, M.B., B.Ch., of 9 Butlers Lane, Four Oaks, Birmingham, Staffs, formerly of Washwood Heath Road, Ward End, Birmingham, aged 79.
McGibbon.—On April 13, 1961, in hospital, Harrogate, Yorks, James McGibbon, L.R.C.P. & S.Ed., L.R.F.P.S., of 6 Oakdale, Harrogate.
Reid.—On April 18, 1961, at 13 Grant Avenue, Edinburgh, John Reid, M.B., Ch.B., formerly of Doune, Perthshire, aged 85.
Robson.—On April 19, 1961, Joseph Edgar Robson, M.B., Ch.B., of Abbey Hurst, Woodside Villas, Hexham, Northumberland, late of Sale, Cheshire.
Sheppard.—On April 19, 1961, at Essex County Hospital, Colchester, Herbert Playford Sheppard, M.B., Ch.B., formerly of Cheltenham, Glos., aged 87.