

into a coherent whole. Those who are not will find a lively, stimulating, and instructive guide to the intricacies of bone disorders encountered in clinical medicine.

This is not a complete textbook: although more than fifty pages are allotted to adult osteomalacia, rickets in children is scarcely mentioned. But the omissions are not detracting. The intention is to emphasize general principles rather than to amass uncoordinated clinical facts, and in this aim the book succeeds admirably. The reader who absorbs these principles will be enabled to apply them with success to the unusual and atypical cases he may encounter.

The book should be read by all interested in medical affections of bone as a companion to the more formal textbooks and reviews. The style is lucid and easy, the many illustrations are excellent, and frequent diagrams clarify the more complicated concepts. A full bibliography and subject index occupy the last 80 pages.

C. L. COPE.

MAN'S ABILITIES

Human Ability. By C. Spearman, Ph.D., LL.D., and L. Wynn Jones, M.A., Ph.D. (Pp. 198. 16s.) London: Macmillan and Co. 1950.

The late Professor Spearman is widely remembered as a pioneer of statistical method in psychology and as the originator of the celebrated "two-factor" theory of intelligence. The present book (written in collaboration with his sometime colleague and disciple, Professor Wynn Jones) is in part a restatement and in part a development of the arguments presented in an earlier book, *The Abilities of Man* (1927). In addition, it contains useful summaries of much recent work in factorial psychology and embodies a thoughtful revision of the theoretical position of its senior author. In particular, Professor Spearman shows himself well aware of the challenge to his theory which has arisen in recent years through the use of alternative methods of factorial analysis. Thus he now regards the existence of *g* (the general factor in intelligence) as a matter of statistical convenience rather than scientific fact, and modestly comments that its ultimate explanation is still "anybody's guess." This very proper caution should be well noted by all who aspire to attach psychological significance to the abstractions of statistical analysis.

This book will interest mainly the professional psychologist and others concerned with factorial analysis in a technical capacity. Although these techniques have undoubted validity and usefulness, the interpretation of factors in psychological terms is so equivocal a proceeding that any theories based upon their use must be viewed with suspicion. The book cannot therefore be recommended to the non-technical reader as an authoritative work upon its subject. None the less, Professor Wynn Jones deserves warm congratulations upon the skill with which he has edited Spearman's manuscript and upon the notable contribution which he has himself made to the argument of the book. It will remain as a worthy memorial to a forceful, distinguished, and influential contributor to the growth of psychological science.

O. L. ZANGWILL.

The third edition of *Practical Orthoptics in the Treatment of Squint*, by T. Keith Lyle, C.B.E., M.R.C.P., F.R.C.S., and Sylvia Jackson, S.R.N., D.B.O., with the assistance of Lorna Billingham, D.B.O., and Diana Salisbury, D.B.O. (pp. 271; 151 illustrations; £1 15s.; London: H. K. Lewis and Co.; 1949), is admirably presented; its subject is important and interesting, and the authors are to be congratulated on their powers of lucid description. Most of the pioneer work of practical orthoptics in the treatment of squint has been done in England, so it is fitting that this authoritative book should present the original work and the current teaching of practical orthoptics in this country.

BOOKS RECEIVED

Review is not precluded by notice here of books recently received

Recent Advances in Chemotherapy. By G. M. Findlay, C.B.E., Sc.D., F.R.C.P. Vol. 1, 3rd ed. (Pp. 625. 36s.) London: Churchill. 1950.

The Hinge Graft, or Ginglymus Implant. By A. K. Henry, M.Ch., F.R.C.S.I. (Pp. 64. 15s.) Edinburgh: Livingstone. 1950.

Microscopic Staining Techniques, No. 2. Edited by E. Gurr, F.R.I.C., F.R.M.S. (Pp. 62. 3s. 6d.) London: Edward Gurr. 1950.

Exploring the Unconscious. By G. Groddeck, M.D. (Pp. 224. 12s. 6d.) London: Vision. 1950.

The Book of the It. By G. Groddeck, M.D. (Pp. 301. 15s.) London: Vision. 1950.

Aids to Histology. By G. H. Bourne, D.Phil., D.Sc. 5th ed. (Pp. 158. 5s.) London: Baillière, Tindall and Cox. 1950.

Aids to Medical Treatment. By T. H. Crozier, M.D., D.P.H., and five contributors. 2nd ed. (Pp. 439. 7s. 6d.) London: Baillière, Tindall and Cox. 1950.

Thrombosis in Arteriosclerosis of the Lower Extremities. By E. A. Edwards, M.D., F.A.C.S. (Pp. 74. 15s.) Oxford: Blackwell Scientific Publications. 1950.

Occupational Therapy. Principles and Practice. Edited by W. R. Dunton, jun., M.D., and S. Licht, M.D. (Pp. 321. 45s.) Oxford: Blackwell Scientific Publications. 1950.

Practical Neurological Diagnosis. By R. G. Spurling, M.D. 4th ed. (Pp. 268. 37s. 6d.) Oxford: Blackwell Scientific Publications. 1950.

Major Symptoms in Clinical Medicine. By J. Almeyda, M.R.C.P., D.P.H. Foreword by Sir A. Abrahams, O.B.E., M.D., F.R.C.P. Vol. 1. (Pp. 378. 25s.) London: Henry Kimpton. 1950.

Elementary Bacteriology and Immunity for Nurses. By S. Marshall, M.D., B.S. 2nd ed. (Pp. 88. 6s. 6d.) London: H. K. Lewis. 1950.

The Asthmatic Child. By G. F. Walker, D.C.H., M.R.C.P. (Pp. 19. 2s. 6d. 25s. dozen.) Bristol: John Wright. 1950.

Principles of Medical Statistics. By A. Bradford Hill, D.Sc., Ph.D. 5th ed. (Pp. 282. 10s. 6d.) London: *Lancet*. 1950.

Bridges' Food and Beverage Analyses. By M. R. Mattice, A.B., Sc.M. 3rd ed. (Pp. 412. 38s. 6d.) London: Henry Kimpton. 1950.

Urological Surgery. By A. I. Dodson, M.D., F.A.C.S., and others. 2nd ed. (Pp. 855. 95s.) London: Henry Kimpton. 1950.

Hospital Improvements. By O. Matthews. (Pp. 32. 1s. 6d.) Published by the author, 22, Harrington Gardens, London, S.W.7. 1950.

Osteology for Dissectors. By R. K. Howat, C.M., F.R.C.S. (Pp. 292. 15s.) London: Henry Kimpton. 1950.

The Prevention of Burns in the Home. By L. Colebrook, F.R.C.O.G., F.R.S. (Pp. 20. No price.) London: Fire Protection Association. 1950.

The Natural History of Bright's Disease. By G. E. M. Scott, M.B. (Pp. 62. 15s.) Melbourne: Ramsey. 1950.

Methods in Medical Research. Vol. 2. By J. H. Comroe, jun. (Pp. 361. \$6.50.) Chicago: The Year Book Publishers. 1950.

Doctors Courageous. By E. H. Hume, M.D. (Pp. 297. \$3.50.) New York: Harper. 1950.

The Maggid of Caro. By H. L. Gordon, M.D. (Pp. 396. No price.) New York: Pardes. 1949.

L'Ipersessualita come Fattore Degenerogeno. By M. Benvenuti. (Pp. 208. \$4.) Pisa: Omnia Medica. 1950.

for sickness benefit to submit evidence of their incapacity, and that, while this evidence normally included a medical certificate, the statutory adjudicating authorities could take into consideration alternative evidence of incapacity if they thought fit. She said that the information asked for in the last part of the question was not available, but that the numbers were believed to be very small.

Mr. HARRIS then asked whether the Minister was satisfied that certificates should be accepted from faith-healers, herbalists, and other persons over whom control might necessarily be very vague, and whether she herself, as a registered medical practitioner, was satisfied with a state of affairs whereby the Willesden Institute of Natural Healing could tout for business by issuing circulars which stated that certificates were available for National Insurance purposes.

Dr. SUMMERSKILL pointed out that this method of determining incapacity had been operating for nearly forty years, and added that if Mr. Harris were a little older he would remember the sect called the "Peculiar People" who had a religious objection to doctors, and who had, in fact, formed their own approved society. She was quite aware of the fact that this right which people had of exercising conscientious objection, and which they all believed it was right for them to have, might be abused, but she assured Mr. Harris that the Government were keeping a careful eye on the matter and that they had certain safeguards such as sick visitors and regional medical officers who could be called in for further medical examinations.

Mr. HARRIS then asked whether the Minister drew some distinction between public funds and the funds of an approved society which had not before been public funds.

Dr. SUMMERSKILL said that Mr. Harris was displaying appalling ignorance and asked whether he did not know that, before 1948, these approved societies had used both public funds and private funds.

Mr. EWART then asked whether Dr. Summerskill was aware that her reply would give great satisfaction to thousands of people in this country who had for many years exercised this right of freedom of choice in determining what type of treatment they should take when sick.

Architects.—Dr. CHARLES HILL asked the Minister of Health on May 18 the number of architects and architectural staff employed by the North West Metropolitan Regional Hospital Board. Mr. BEVAN replied that the architect's department for the board included 47 professional and technical officers, of whom 24 were architects and architectural staff.

Inventories.—Dr. CHARLES HILL also asked the Minister of Health the total estimated annual cost of putting into effect his circulars R.H.B. (50) 17, H.M.C. (50) 17, B.G. (50) 15, requiring hospital authorities to prepare inventories in a prescribed form; and the total estimated annual saving in public money as a result of taking such inventories. Mr. BEVAN answered that he did not think any useful estimate was possible under either heading.

Medico-Legal

AN INJUSTICE RIGHTED

[FROM OUR MEDICO-LEGAL CORRESPONDENT]

In passing the Matrimonial Causes Act, 1937, often referred to as Herbert's Act, the legislature made some far-reaching reforms in the law of nullity. A degree of nullity may now be pronounced, *inter alia*, on proof that, at the time of the marriage and unknown to the petitioner, the respondent was insane or suffering from venereal disease. Hence for the first time there was a distinct possibility that there might be a child of the marriage conceived after the ceremony. In order to avoid bastardizing such a child Parliament enacted that, where a marriage was annulled on these grounds, a child of the marriage

should remain legitimate. It did not protect a child conceived before the marriage, nor (for the possibility did not then arise) one conceived after the marriage by artificial insemination. A few years ago the courts decided that in either of these cases^{1, 2} the child became illegitimate on the issue of the decree, which operated retrospectively.

This result was obviously unfair to the child, and so last year Parliament passed the Law Reform (Miscellaneous Provisions) Act, 1949, which provided among other things that, where a decree of nullity is granted in respect of a voidable marriage (one otherwise valid), any child who would have been a legitimate child of the parties to the marriage if it had been dissolved (by divorce) instead of being annulled shall on the date of the decree be deemed to be their legitimate child notwithstanding the annulment. The effect of this is that the child will now remain legitimate if the marriage is voidable.

A learned commentator³ suggests in *Law Notes* that a similar result will follow if the child has been legitimated by the subsequent marriage of its parents, which, under Section 1 of the Legitimacy Act, 1926, makes the child legitimate as from the date of the marriage. In any case the disadvantage of illegitimacy, which the legislature could not have intended to inflict, will not now attach to a child conceived before an annulled marriage, or during it as a result of artificial insemination, at any rate by the husband's semen.

Universities and Colleges

UNIVERSITY OF EDINBURGH

Dr. Daniel Bovet, D.Sc., director of the Istituto Superiore di Sanita, Rome, who was awarded the Cameron Prize of 1949, will deliver a lecture on "The Discovery of Antihistamines" in the anatomy lecture theatre, University New Buildings, Edinburgh, on Tuesday, June 6, at 5 p.m. Students and graduates are invited to attend the lecture.

A lecture on "The Hormones of the Anterior Hypophysis" will be delivered by Dr. Herbert M. Evans, director of the Institute of Experimental Biology, University of California, in the anatomy lecture theatre, University New Buildings, Edinburgh, on Wednesday, June 7, at 5 p.m. Senior students and graduates in medicine are invited to attend the lecture.

UNIVERSITY OF DURHAM

Dr. G. M. Trevelyan, O.M., F.R.S., was installed as Chancellor of the University of Durham on May 24, when he conferred a number of honorary degrees, including that of D.Sc., on Professor E. D. Adrian, O.M., M.D., F.R.C.P., F.R.S., Professor of Physiology in the University of Cambridge.

ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS

At the annual general meeting of the College, held on May 20, with the President, Professor Hilda Lloyd, in the chair, the following were elected to the Council to fill statutory and other vacancies: *As representatives of the Fellows*, D. Baird, W. E. Barrie-Adshad, A. M. Clay, V. Lack, G. I. Strachan, R. C. Thomas. *As representatives of the Members*, A. M. Sutherland, S. A. Way. In addition to those elected the following were co-opted for the ensuing year: W. A. G. Bauld, Sir William Gilliat, C. D. Read, B. H. Swift, L. Williams.

The President was appointed to represent the College at the 150th anniversary celebrations of the Royal College of Surgeons of England.

The following were admitted to the Fellowship: H. G. E. Arthure, Elinor F. E. Black, J. H. Boyd, R. Everett, P. J. Ganner, Kathleen M. D. Harding, F. J. Hayden, K. A. K. Hudson, T. I. Hughes, B. L. Jeaffreson, R. W. Knowlton, Joyce Morgan, J. S. Quin, D. A. O'C. Quinlan, L. M. Snaith, G. R. Stoneham, Margaret M. White.

The following were admitted to the Membership: J. A. Bentham, D. W. Briggs, H. McK. Carey, Florence J. G. Chouler, R. Crawford, R. Cutts, M. S. Ellensweig, H. J. Fisher, Elizabeth M. Harper, W. F. Harper, J. S. Hesketh, P. Kalyanikutty, J. A. Love, Sarah Macaskill, A. S. Majury, A. T. Marshall, J. D. Martin, J. G. Napier, F. P. Pigott, J. H. McK. Pinkerton, C. C. Pretorius, S. Rajanayagam, T. M. Roulston, J. H. Routledge, A. C. Sinha, Z. H. Y. Sobani, W. A. Souter, A. Starritt, G. Winchester.

¹*Dredge v. Dredge* (1947), 63, T.L.R. 113.

²*R. E. L. v. E. L.*, *British Medical Journal*, 1948, 2, 1086.

³*Law Notes*, 1950, 69, 39.

Medicine and Surgery at Brussels

A series of lectures on different aspects of medicine and surgery—the Journées Médicales de Bruxelles—will be held in Brussels from June 10 to 18. Particulars may be obtained from Bruxelles-Médical, 141, Rue Belliard, Bruxelles.

Medical Photography

An International Exhibition of Medical Photography, sponsored by the Medical Group of the Royal Photographic Society, will be held at the Medical Society of London, 11, Chandos Street, W.1, on June 12 to 24 (10 a.m. to 5 p.m.; Wednesdays 10 a.m. to 8 p.m.). Sir Heneage Ogilvie, chairman of the Group, will open the exhibition at 4 p.m. on June 10.

Midwife Teachers Training College

Professor Hilda Lloyd, President of the Royal College of Obstetricians and Gynaecologists, will open the Midwife Teachers Training College, High Coombe, Warren Road, Kingston Hill, Surrey, on Thursday, June 15, at 3 p.m.

Scottish Medical Golfing Society

The summer meeting of the Scottish Medical Golfing Society has been arranged for June 24 and 25 at St. George's, Sandwich. The society is limited to sixty members, and a few vacancies exist. The qualification of the society is that members must be a graduate of a Scottish university or be of full Scottish parentage. Further particulars may be obtained from the honorary secretary, Mr. Norman Fleming, 2, Park Square West, London, N.W.1.

Industrial Health

The third Mackenzie Industrial Health Lecture, given under the auspices of the B.M.A. in conjunction with the Association of Industrial Medical Officers, will be delivered by Professor R. E. Lane on Wednesday, June 28, at 2.30 p.m. in the Main Hall, Nuffield House, Queen Elizabeth Hospital, Birmingham. His subject is "Education and Industrial Health." Admission is free.

Congress of Radiology

The Sixth International Congress of Radiology will be held in London during the week July 24–29 under the presidency of Dr. Ralston Paterson. The International Committee will meet on Sunday, July 23. Demonstrations will be given during the week preceding the congress and the two weeks after it. Information may be obtained from the secretary of the congress at 45, Lincoln's Inn Fields, London, W.C.2.

SOCIETIES AND LECTURES

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

Friday

HEBERDEN SOCIETY.—At B.M.A. House, Tavistock Square, London, W.C., June 2, 5 p.m., "*The Rheumatic Diseases as Diseases of Adaptation*," Heberden Oration by Professor Hans Selye (Montreal). (See Saturday also.) (Corrected time.)

Saturday

HEBERDEN SOCIETY.—At B.M.A. House, Tavistock Square, London, W.C., June 3, 10 a.m., "*The Rheumatic Diseases as Diseases of Adaptation*," Heberden Oration by Professor Hans Selye (Montreal). (See Friday also.)

Monday

EDINBURGH UNIVERSITY.—At Physiology Lecture Theatre, University New Buildings, Teviot Place, June 5, 5 p.m., "*Teacher and Student in Medical Education*," by Dr. Douglas Guthrie.
INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 5, 5.30 p.m., "*The Problem of Awareness and Non-awareness of Visual Field Defects*," by Dr. Macdonald Critchley.
ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 5, 5 p.m., "*Ocular Complications of Diabetes*," by Dr. T. H. Whittington.
UNIVERSITY COLLEGE (Physiology Theatre), Gower Street, London, W.C.—June 5, 4.45 p.m., "*Genetics and Biochemistry*," by Professor J. B. S. Haldane, F.R.S.

Tuesday

EDINBURGH UNIVERSITY.—At University New Buildings (Anatomy Lecture Theatre), Edinburgh, June 6, 5 p.m., "*The Discovery of Antihistamines*," by Dr. Daniel Bovet, D.Sc. (Rome).
INSTITUTE OF DERMATOLOGY, Lisle Street, Leicester Square, London, W.C.—June 6, 5 p.m., "*Pigmentary Conditions of the Skin*," by Dr. I. Muende.
ROYAL COLLEGE OF SURGEONS OF ENGLAND, Lincoln's Inn Fields, London, W.C.—June 6, 5 p.m., "*The Anatomy and Physiology of the Spleen*," Arnott Demonstration by Mr. F. S. Gorriall.
WRIGHT-FLEMING INSTITUTE OF MICROBIOLOGY, St. Mary's Hospital Medical School, Paddington, W.—June 6, 5 p.m., "*The New Genetics*," by Dr. C. D. Darlington, F.R.S.

Wednesday

EDINBURGH UNIVERSITY.—At University New Buildings (Anatomy Lecture Theatre), Edinburgh, June 7, 5 p.m., "*The Hormones of the Anterior Hypophysis*," by Dr. Herbert M. Evans (University of California).
INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 7, 5.30 p.m., "*Electroretinography*," by Dr. K. Tansley.
INSTITUTE OF PSYCHIATRY, Maudsley Hospital, Denmark Hill, London, S.E.—June 7, 4.30 p.m., lecture-demonstration for post-graduates by Dr. E. Stengel.
ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 7, 5.30 p.m., "*Skin Diseases and the Eye*," by Mr. L. H. Savin.
WEST LONDON HOSPITAL MEDICAL SCHOOL, Wolverton Gardens, Hammersmith, W.—June 7, 8.30 p.m., "*The Surgery of the Sympathetic Nervous System*," Third Alex. Simpson-Smith Memorial Lecture by Sir James Learmonth.

Thursday

HONYMAN GILLESPIE LECTURES.—At Anatomy Theatre, University New Buildings, Teviot Place, Edinburgh, June 8, 5 p.m., "*Drug Rashes*," by Dr. G. A. Grant Peterkin.
INSTITUTE OF DERMATOLOGY, Lisle Street, Leicester Square, London, W.C.—June 8, 5 p.m., "*Lupus Erythematosus*," by Dr. H. Gordon.
INSTITUTE OF NEUROLOGY: NATIONAL HOSPITAL, Queen Square, London, W.C.—June 8, 5 p.m., "*Combined Neurovascular Lesions of the Extremities*," by Sir James Learmonth.
LONDON ASSOCIATION OF THE MEDICAL WOMEN'S FEDERATION.—June 8, 2.30 p.m., visit to Glaxo Laboratories.
LONDON UNIVERSITY.—At King's College, Strand, W.C., June 8, 5.30 p.m., "*The Development of Normal and Abnormal Vision Observed in Animals with Transplanted Eyes*," by Professor L. S. Stone (Yale University).
ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 8, (1) 4.15 p.m., "*Methods of Examination*," by Mr. C. M. Shafto; (2) 5 p.m., "*Papilloedema and Optic Neuritis*," by Dr. S. Nevin.

Friday

INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 9, 5.30 p.m., "*The Pathology of Exudative Uveitis*," by Mr. E. Wolff.
MAIDA VALE HOSPITAL FOR NERVOUS DISEASES MEDICAL SCHOOL, Maida Vale, London, W.—June 9, 5 p.m., clinical neurological demonstration, by Dr. Samuel Nevin.
ROYAL SANITARY INSTITUTE.—At Town Hall, Wallasey, Cheshire, June 9, 10.30 a.m., Papers: "*Some Aspects of Sanitary Administration in a Holiday Resort*," by Mr. W. Bate, D.P.A.; "*Co-ordination of the Work of the Sanitary Inspector and the Borough Surveyor*," by Mr. H. Crowther, M.Eng., A.M.I.C.E. Afternoon: visits will be made.

BIRTHS, MARRIAGES, AND DEATHS**BIRTH**

Edwards.—On May 18, 1950, at West Didsbury, Manchester, to Judy, wife of Dr. J. Edwards, a son

MARRIAGES

Davies—Whiteaway.—On April 15, 1950, at St. Peter's Church, Herisham, Leslie William Davies, M.B., B.S., D.O.M.S., of Teddington, Middlesex, to Mary Angela Whiteaway, of Weybridge, Surrey.
Dux—Norton.—On May 21, 1950, in London, Eric F. W. Dux, M.Sc., A.R.I.C., to Margot S. Norton, M.B., B.S.

DEATHS

Brown.—On May 21, 1950, at the Royal Infirmary, Edinburgh, Donald Thomas Alexander Brown, M.S., F.R.C.S.Ed., of Newbury, Berks, aged 28.
Brown.—On May 23, 1950, at Charing Cross Hospital, London, W.C., Leonard Graham Brown, M.C., D.M., F.R.C.S., of 82, Portland Place, London, W., aged 62.
Clark.—On May 24, 1950, at Gerrards Cross, Lizzie Mackay Smith Clark, M.B., Ch.B., of Cromer, Bulstrode Way, Gerrards Cross, Bucks.
Coleman.—On May 21, 1950, James Jordan Coleman, M.B., late of Sheffield and Bridlington.
Little.—On March 12, 1950, at Mossview, Newmains, Lanarkshire, John Watson Little, sen., M.B., Ch.B.
Moddie.—On May 23, 1950, at 3, Cardigan Gardens, Goodmayes, Essex, David Moddie, L.R.C.P.&S.Ed., L.R.F.P.S.Glas., formerly of Bath.
Paterson.—On May 23, 1950, at 57, Marlborough Road, Ipswich, Arthur William Paterson, M.B., C.M., aged 79.
Snowden.—On May 20, 1950, at Bournemouth, Arthur de Winton Snowden, C.B.E., M.D., of 5, Grosvenor Road, Bournemouth, late of Linford, Ringwood, aged 77.
Townley.—On May 24, 1950, at 251, Seymour Grove, Manchester, Herbert Townley, M.B., Ch.B., B.D.S.