

The ideal of modern classification is that it should express genetic relationship and that it should be so devised as to indicate the points where major and crucial evolutionary steps have been taken—i.e., the initiation of important new lines of specialization. The primates took such a step. Their shaping of the environment to their own uses is perhaps the most radical step in the whole course of evolution. . . . The time will come, and perhaps now is, when men should be assigned to an additional Class of vertebrates." And so he anticipates the erection of a new Class VII, Anthropeida. The lemurs and tarsiers would remain among the mammals as an Order closely allied to the insectivores. The remaining primates would constitute the new Class, which would necessarily be subdivided into two subclasses. The first, including the monkeys and great apes, "could be called PROTOANTHROPEIDA—a group analogous to SUBCLASS PROTOTHERIA of Mammalia." The second is to contain the present family Hominidae. "In some far-distant future, when man's social wisdom shall have so far caught up with his inventive intelligence as to justify the name for him, this SUBCLASS might be designated as SAPIENTIA."

G. P. WELLS.

### BLOOD COAGULATION

*Die Blutgerinnung in Theorie und Praxis.* By Dr. Josef Schmid. Wiener Beiträge zur Inneren Medizin, Volume 4. (Pp. 444; 135 figures. M. 50.) Vienna: Verlag Wilhelm Maudrich. 1951.

The coagulation of the blood has become a matter of bewildering complexity. The simple equations formerly held to explain the process are now outmoded and new factors are constantly being discovered or, more precisely, their existence is constantly being inferred. If further evidence of this state of affairs were needed, it can be found in this book, in which the situation as it stood at the close of 1950 is adequately reviewed.

The author has forsaken the conventional arrangement of similar monographs, in which the physiology and biochemistry of the clotting process is first reviewed and is followed by a description of the clinical states which arise from its disturbance. After a brief historical review he devotes sections to the thrombokinas, prothrombokinas, and antithrombokinas, turning aside then to consider haemophilia, haemorrhagic states due to circulating anticoagulants, and thrombocytopenia. Then follow chapters on prothrombin, antiprothrombin, and vitamin K, succeeded by sections on hypothrombinaemia and the thromboses. He concludes with discussions of the prothrombin activators, fibrinogen, thrombin, thrombin inhibitor, clot retraction, and fibrinolysis.

The individual sections are full and up-to-date, but the arrangement is not entirely logical and robs the book of cohesion. There are detailed descriptions of technical methods which will be useful to the laboratory worker, but the clinician will need to seek enlightenment elsewhere. The book has the hallmarks of a painstaking compilation of other workers' observations and opinions, unleavened by critical selection. The reader who is not a professional "coagulationist" will regret the author's omission of a chapter in which the actual mechanism of clotting is described and the interrelationship of the many factors set out. His presentation conceals the unity of the process and tends to perpetuate the view that it consists of a number of asynchronous and almost unconnected reactions.

R. BODLEY SCOTT.

### BOOKS RECEIVED

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

*Diabetes Mellitus.* By G. G. Duncan, M.D. (Pp. 289. 29s.) London: W. B. Saunders. 1951.

*Transactions of the American Ophthalmological Society.* 86th Annual Meeting, 1950. (Pp. 702. 97s. 6d.) London: Geoffrey Cumberlege. 1951.

*Ocular Toxoplasmosis.* By M. J. Hogan. (Pp. 86. 18s.) London: Geoffrey Cumberlege. 1951. (Available free of charge with the *Transactions of the American Ophthalmological Society* as above.)

*Clinical Heart Disease.* By S. A. Levine, M.D., F.A.C.P. 4th ed. (Pp. 556. 40s.) London: W. B. Saunders. 1951.

*Principles and Practice of Obstetrics.* By J. P. Greenhill, M.D. 10th ed. (Pp. 1,020. 60s.) London: W. B. Saunders. 1951.

*The Glands Inside Us.* By J. Ebling. (Pp. 94. 1s.) Thrift Books, No. 10. London: C. A. Watts. 1951.

*Browsing Among Words of Science.* By T. H. Savory, M.A., F.Z.S. (Pp. 94. 1s.) Thrift Books, No. 12. London: C. A. Watts. 1951.

*The Juvenile Court, Today and Tomorrow.* By J. Watson. (Pp. 40. 1s. 6d.) London: Clarke Hall Fellowship. 1951.

*Directory and Handbook of the Scientific Instrument Manufacturers Association.* (Pp. 251. Gratis.) London: Scientific Instrument Manufacturers Association. 1951.

*New Biology.* Edited by M. L. Johnson and M. Abercrombie. (Pp. 123. 2s.) Harmondsworth: Penguin Books. 1951.

*Human Fertility: The Modern Dilemma.* By R. C. Cook. (Pp. 351. 21s.) London: Victor Gollancz. 1951.

*Low-Sodium Diet.* By T. B. Rice, A.M., M.D. (Pp. 103. 19s. 6d.) London: Henry Kimpton. 1951.

*The Medical Clinics of North America.* Boston Number: Symposium on Specific Methods of Treatment. Edited by C. S. Keefer, M.D. (Pp. 347. No price.) London: W. B. Saunders. 1951.

*Embryology of the Pig.* By B. M. Patten. 3rd ed. (Pp. 352. 35s.) London: George Allen and Unwin. 1951.

*Relief of Pain in Childbirth.* By W. C. W. Nixon, M.D., F.R.C.S., F.R.C.O.G., and S. G. Ransom, M.R.C.S., L.R.C.P., D.A. (Pp. 109. 7s. 6d.) London: Cassell. 1951.

*Ethylene and Propylene Glycols.* By J. Rae, M.P.S. (Pp. 30. 2s. 6d.) London: The Pharmaceutical Press. 1951.

*The Psychology of C. G. Jung.* By Dr. J. Jacobi. (Pp. 204. 12s. 6d.) London: Routledge and Kegan Paul. 1951.

*Genetic Neurology.* Edited by P. Weiss. (Pp. 239. 37s. 6d.) London: Cambridge University Press. 1950.

*Clinical Practice in Infectious Diseases.* By E. H. R. Harries, M.D., F.R.C.P., and M. Mitman, M.D., F.R.C.P. 4th ed. (Pp. 717. 30s.) Edinburgh: E. and S. Livingstone. 1951.

*Muir's Text-Book of Pathology.* Revised by D. F. Cappel, M.D., F.R.F.P.S.G. 6th ed. (Pp. 1,090. 50s.) London: Edward Arnold. 1951.

*Chest X-Ray Diagnosis.* By M. Ritvo, M.D. (Pp. 558. 105s.) London: Henry Kimpton. 1951.

*Proceedings of the First Conference on Electrokymography.* Edited by B. R. Boone, M.D., and others. (Pp. 215. 75 cents.) Washington: U.S. Government Printing Office. 1951.

*Technical Methods for the Technician.* By A. L. Brown, B.A., M.D. 4th ed. (Pp. 784. \$10.) Columbus, Ohio: A. L. Brown, Inc., 41, S. Grant Avenue. 1951.

*Los Problemas Médicos en accidentes del Trabajo.* By Dr. A. M. Barbero. (Pp. 236. No price.) Barcelona: Byg. 1951.

to public health as area medical officer for the Staffordshire County Council, but unfortunately his untimely death has cut short the excellent work he was doing in that sphere. He leaves a widow and two young sons, to whom the sympathy of his friends and colleagues will be extended.

Dr. ANDREW BROWNLIE died on December 13, 1951, at his home in Hamilton at the age of 75. He graduated M.B., Ch.B. at Glasgow University in 1899, and after two years' service as an assistant medical officer in Brislington Hospital, near Bristol, he became assistant in 1902, and partner in 1904, of the late Dr. James Adam, of Hamilton. When Dr. Adam gave up general practice to specialize in throat and nose work, Dr. Brownlie carried on the practice on his own until January, 1951, when ill-health caused his retirement. He had celebrated his jubilee in medicine 18 months before. During the first world war he served for two years in the R.A.M.C., mainly in Egypt and Malta. A regular churchgoer, he was an elder for many years. Though of quiet and reserved disposition, he was popular with his colleagues and patients. In 1932 he served for a year as chairman of the Lanarkshire Division of the B.M.A. He was a keen bowls player, and won prizes over many years. His wife predeceased him in 1942.

Dr. WILLIAM HOLBERTON SQUARE died at his home in Leighton Buzzard on December 18 at the age of 91. He had been in practice in the town since 1898. A member of a well-known Devon family, he was born at Kingsbridge, South Devon, and educated at Sherborne School and St. Bartholomew's Hospital. When he was a student he dissected with D'Arcy Power, and he delighted to tell stories of Matthews Duncan and Tom Smith. After qualification in 1884 he went into practice at Newton-le-Willows, in Suffolk, and from there he went to Sunderland, where his busy general practice included over 150 "milder" cases a year. Anxiety about his wife's health caused a move south, and he came with three young children to Leighton Buzzard just before the end of the century. Life was leisurely. There were no regular surgeries, and hunting with the stag-hounds in winter provided relaxation. Visiting in those days was done on horseback by day and a bicycle at night. Then a smart American "buggy" provided more comfortable transport, and in 1907 a baby Peugeot was obtained, succeeded from time to time by more roomy and reliable cars. Hunting continued to be his favourite relaxation until at 73 he had a fall and injured his shoulder. Even after that a horse was favoured for a few afternoon visits after the bulk of the work had been done by car in the morning. He was medical officer of health to the Eaton Bray Rural District Council until it merged into Luton Rural District Council, and to the Wing Rural District Council for 27 years, until after his 90th birthday. He was an active Freemason and was made a Grand Deacon of England in 1937. To successive generations in his practice he became an institution. He had never been ill—three days at the outside with mild influenza was all he could remember—and to many of his patients it seemed impossible that a time would come when he could no longer pay his usual visits. But 10 days before his death he felt too tired to carry on, and the end came just three weeks after his 91st birthday.—A. O. B.

Dr. WILLIAM ALFRED CARDEN died suddenly on December 27, 1951, in Johannesburg at the age of 79 years. He studied medicine at Guy's Hospital, qualifying in 1895. Four years later he went to Korea, where he worked as a medical missionary with the English Church Mission. In 1903 he settled in South Africa and began to practise at Frasersburg. Some years later he moved to Bothaville, in the Orange Free State, where he was in practice for 22 years: for a time he was district surgeon there. In 1930 he moved again, this time to Worcester, in Cape Province, and he continued in practice there until his retirement in 1942. He then settled at Deneysville, where he lived until the time of his death. His passing will be mourned by many of his colleagues in South Africa.

## Medico-Legal

### RESTRICTIVE COVENANT APPEAL DISMISSED

[FROM OUR MEDICO-LEGAL CORRESPONDENT]

On December 13, 1951,<sup>1</sup> the Court of Appeal dismissed the appeal of a doctor against the decision of Mr. Justice Danckwerts, previously reported in these columns,<sup>2</sup> upholding a restrictive covenant in the partnership deed of the partnership from which the doctor had recently retired and granting an injunction forbidding him to practise as a general medical practitioner within a radius of 10 miles from Atherstone Parish Church.

In his judgment the Master of the Rolls said that, although the evidence showed that only 1% of the patients of the practice lived outside a radius of five miles, that 1% included the more affluent private patients who had cars to take them to the principal surgery, and accounted for more than a third of the total income. He found nothing vicious in the 21-year time restriction in the covenant, because, although this might amount to life banishment from the area, a doctor was a relatively mobile person and the whole of the United Kingdom was open to him. Nor did he find anything unreasonably wide in the covenant's formula "directly or indirectly carrying on or being interested or concerned in carrying on the business or profession . . ." Such a formula used in connexion with professional men did not carry the covenant beyond what was reasonably required to protect the continuing and remaining partners against competition. Accordingly, if radius, length of time, and the width of language used were taken, the total result of the covenant did not produce anything unreasonably wide.

His Lordship then went on to consider the effect on the matter of the National Health Service Act, 1946, and the Amending Act of 1949. While the plain intention and effect of Section 35 of the 1946 Act was to prevent doctors who practised, as these doctors did, in the Service from selling the goodwill of their practices, the section did not have the effect either of destroying the goodwill or of vesting it in the State or any emanation of the State. Goodwill remained one of the assets of the firm, on the creation and preservation of which the livelihood of the partners continued substantially to depend. This view of the matter was implicit in Section 1 (5) and (12) of the Amending Act of 1949, which showed that the element of goodwill was not so taken away that the ordinary principles otherwise applying to this restrictive covenant no longer did so. Nothing in the new legislation therefore invalidated this covenant, which was a valid covenant when made in 1945.

Lord Justice Birkett and Mr. Justice Upjohn concurred in dismissing the appeal and affirming the order of Mr. Justice Danckwerts, and the enforcement of the injunction was suspended until December 31, 1951.

<sup>1</sup>*The Times*, December 14, 1951.

<sup>2</sup>*British Medical Journal*, November 17, 1951, p. 1225.

## Universities and Colleges

### UNIVERSITY OF OXFORD

G. W. Corner, Hon. D.Sc., Director of the Department of Embryology of the Carnegie Institution, Johns Hopkins Medical School, Baltimore, U.S.A., has been appointed George Eastman Visiting Professor for the academic year 1952-3.

### UNIVERSITY OF CAMBRIDGE

The following candidates have been approved at the examinations indicated:

FINAL M.B. (Old Regulations).—*Part I: (Surgery, Midwifery, and Gynaecology)*: D. M. E. Allan, R. E. C. Alhounyan, J. D. C. Anderson, P. A. J. Ball, B. W. Broadhurst, D. Bryant, H. M. Buckland, N. V. D. Bunker, A. R. Butterfield, H. Caplan, W. J. Colbeck, C. E. T. Cones, H. C. Cunningham, J. G. Davies,

J. I. W. Davies, R. J. L. Davis, R. H. Davison, P. J. Dawson, J. R. Edwards, J. N. T. Evans, J. R. Flury, J. M. A. Jepps, J. H. Jones, D. H. Kay, J. Liddell, A. B. Lowther, P. J. Lyne, P. J. McQuade, G. C. Metcalfe, H. Nichol, P. S. Reay-Young, W. A. G. Roper, T. L. Scully, M. P. Siddons, E. P. Simkin, J. D. H. Slater, D. M. Surrey Dane, M. L. Thomas, D. H. Trapnell, R. M. Turner, R. F. Warnock, O. H. Watkins, W. G. Williams, E. A. Wilson, D. Wise. *New Regulations.—Part II* *Principles and Practice of Physic*, *Surgery*, *Midwifery and Gynaecology* (the figures indicate the section or sections passed): 'J. F. Andrewes, 'G. S. Banwell 'A. J. F. Barratt, 'A. W. Beard, 'A. C. Beatty, 'L. J. Bishop, 'A. P. Blower, 'C. J. Booth, 'M. J. Boyle, 'I. M. Brown, 'G. M. B. Bulman, 'D. M. J. Burns, 'J. B. Chapman, 'D. Churchill-Davidson, 'M. J. Clarke-Williams, 'R. G. Covell, 'W. Eade, 'J. C. B. Fenton, 'R. V. Fiddian, 'R. D. France, 'H. W. S. Francis, 'R. T. Gaukroger, 'N. Gee, 'H. M. Gough, 'H. Gough-Thomas, 'H. Graham, 'G. P. Greenhalgh, 'E. Hainsworth, 'A. M. Harington, 'D. Harrett, 'R. J. H. Harris, 'D. L. Harrison, 'L. B. P. Hartley, 'R. D. Hernaman-Johnson, 'A. H. R. Hewett Clarke, 'J. D. M. Howat, 'R. L. Hucksstep, 'R. F. Ingle, 'R. Keeley, 'I. H. Kerr, 'I. Lenox-Smith, 'N. R. Lewis, 'J. A. McHardy, 'R. E. Mackie, 'C. R. Maddock, 'J. W. E. Mark, 'K. J. Martin, 'Mrs. C. M. Maxwell, 'A. A. E. Nakeeb, 'J. H. Newton, 'T. F. D. Oram, 'K. C. Paterson, 'G. W. Pearson, 'R. F. Pearson, 'A. O. Peters, 'R. A. N. Petrie, 'J. M. Phillips, 'C. Rashbass, 'T. L. Ringrose, 'V. Sarma, 'C. W. Savile, 'G. E. Sharp, 'G. M. Shaw, 'L. P. Sheil, 'G. W. Smallcombe, 'J. A. J. Smith, 'J. L. Somervell, 'E. M. Sproston, 'R. M. Standish-White, 'N. A. Subedar, 'P. H. Swinhoe, 'B. V. Tyman, 'B. G. S. F. Vergano, 'G. T. Whitaker, 'R. E. Wolfendale. *Old Regulations.—Part II* *(Principles and Practice of Physic, Pathology, and Pharmacology)*: G. B. Davison, D. A. Edington, P. S. Greaves, D. W. Hall, J. Higgins, A. Paneth, D. G. D. Vint. *New Regulations.—Part I* *(Pathology and Pharmacology)*: C. W. M. Adams, P. G. Allen, M. A. Baddoo, A. W. Beard, D. W. K. Bird, L. J. Bishop, M. H. H. Bishop, Mrs. N. L. Blackwell, A. P. Blower, G. M. P. Boyes, J. E. Brett, H. G. Britton, D. M. J. Burns, D. A. P. Burton, T. F. Bushby, V. G. Caiger, C. McC. Campbell, D. Campbell, G. R. C. Campion, S. M. Cannicott, C. E. Channon, J. B. Chapman, W. H. Chapman, D. Churchill-Davidson, Mrs. G. Cole, R. R. A. Coles, A. S. Cooper, B. R. Corbin, M. J. F. Courtenay, R. G. Covell, S. H. Dallas, P. F. Dixon, A. B. Donnison, M. Dulake, J. H. Edwards, R. V. Fiddian, S. J. Fisher, Mrs. H. French, O. H. French, I. M. Glynn, R. Goldsmith, A. N. Griffith, H. F. Grundy, M. C. Guard, T. Hall, E. B. D. Hamilton, D. L. Harrison, R. Harrison, M. W. A. Haward, A. L. Hilton, J. A. Holland, B. L. Hoskyns, J. D. M. Howat, J. Innes, B. S. Jay, D. S. Jeffery, A. McL. Keil, I. H. Kerr, E. I. Kohorn, J. S. H. Lodge, R. Mangnall, K. J. Martin, R. J. Mather, G. G. Matthews, P. L. Maybury, N. A. Miles, K. F. Morrice, T. M. O. Morris, D. B. Murray, J. F. Newcombe, J. H. Newton, J. O. Ojukwu, D. N. H. Owen, W. N. B. Parker, K. C. Paterson, G. W. Pearson, A. O. Peters, J. M. Phillips, J. T. H. Pick, P. F. Plumley, J. F. Preece, P. M. H. Rack, G. L. S. Rankin, C. Rashbass, J. M. Rigg, T. L. Ringrose, R. W. Ross Russell, K. E. K. Rowson, J. H. Sewart, C. A. Sharples, H. J. Shimmin, J. M. Simister, F. V. Simpson, R. L. Smith, R. J. Spray, J. H. Swallow, K. A. Taylor, D. S. Trouton, J. A. M. Tudor-Hart, K. M. Underwood, G. I. Verney, M. F. R. Waters, J. Watson-Farrar, P. A. Watt, I. Weinbren, G. T. Whitaker, J. S. H. Whitehead.

## UNIVERSITY OF ABERDEEN

At a Graduation Ceremony held on December 19, 1951, the following medical degrees were conferred:

M.D.—R. E. Glennie, P. O. Leggat, A. W. B. MacDonald.  
M.B., Ch.B.—'Q. A. F. R. Grant, 'S. G. B. Intacs, 'L. Symon, 'S. R. McN. McCreadie, 'N. MacLeod, 'G. M. Mitchell, Catherine K. Adam, R. G. G. Allan, J. A. Anderson, Mary I. R. Auld, L. B. Bartlett, A. G. Beattie, Anne C. Biezanek (née Greene), Emma L. Birse, R. F. Blackburn, R. Brown, K. S. Cameron, J. D. Campbell, G. W. Cardno, R. A. Christie, A. G. Craig, Shiela W. Craig, J. H. F. Crawford, R. Davidson, Madeline Deans (née Ross), J. I. D. Diack, I. M. Dingwall, R. T. Donald, Caroline S. Duff, Janet C. Duncan, J. M. Farrell, J. A. Forbes, Enid Fullerton, E. R. Fyfe, A. Gage, R. Gardiner, A. Gatherer, G. H. M. Gordon, A. J. Graham, Elizabeth D. Grassie, H. Gray, Elizabeth A. Green, Jean C. Hay, A. Herriot, R. D. Hill, H. M. Horne, L. F. Howitt, C. G. Ingram, I. M. R. Laing, T. R. Lawrie, A. R. Lyall, A. Lyon, Betty McAllan, D. S. McDonald, M. E. McDonald, A. Macinnes, Mary MacIver, W. G. McKay, Mairi MacKenzie, A. R. McNaughton, D. MacNeill, Joyce M. Millar, D. Milne, June I. Milne, K. G. S. Milne, A. Minto, H. Nicol, Margaret H. Norquay, H. E. Nutton,

S. Peace, B. G. Pirie, Sheila M. Purchase (née Dawson), Norah P. Raitt, H. P. Robb, R. C. Roll, Lilian M. Scotcher, R. McD. Scott, P. O. Sharp, E. J. Sinton, R. Stalker, A. K. Stephen, Edith G. Stewart, W. J. S. Still, J. S. Taylor, E. R. H. Tennant, J. B. Troup, A. G. Turner, C. H. Walker, J. M. R. Wetherly, R. E. Wetherly, Agnes E. Whitter, A. F. Whitter, R. V. Williams, G. A. Wood.

<sup>1</sup>With honours. <sup>2</sup>With commendation.

## UNIVERSITY OF DUBLIN

## SCHOOL OF PHYSIC, TRINITY COLLEGE

The following medical degrees were conferred on December 6:

M.D.—T. T. Chapman, E. R. N. Cooke.

M.Ch.—J. E. F. Coolican.

M.A.O.—A. D. H. Browne.

M.B., B.Ch., B.A.O.—N. Boland, Norma E. Boyd, Iris E. Byers, E. D. Cooke, D. L. Cowan, Patricia G. Ellis, Phyllis E. Featherstone (formerly McCready), K. W. M. Harbord, W. Jackson, Ethel G. Jennings, T. D. Kimmet, R. King, G. J. Malseed, Edith P. Pringle, Aileen F. Smith, W. McC. Wilson, B. W. Withrington.

## UNIVERSITY OF LONDON

The following candidates have been approved at the examinations indicated:

M.S.—*Branch I (Surgery)*: A. G. Ellerker, B. W. Wells. *Branch IV (Otolaryngology, Rhinology, and Laryngology)*: J. A. Harpman.

## UNIVERSITY OF SHEFFIELD

At a Degree Congregation held on December 18, 1951, degrees in the Faculty of Medicine were conferred as follows:

M.D.—G. M. King.

M.B., Ch.B.—A. H. Askew, Phyllis B. Banks, Hilda M. Brunt, D. A. Ewing, M. Falconer, G. Flowers, Phyllis B. Hobbs, J. K. Johnson, J. H. Nicholls, D. L. Price, Mrs. Zoe C. Randall, Olga R. Raphael, D. Waddington.

## QUEEN'S UNIVERSITY, BELFAST

At a Graduation Ceremony held on December 19, 1951, the following medical degrees were conferred:

M.D.—'R. F. Whelan, 'Wilmert F. I. Brown, 'W. F. McAuley, W. Bingham, W. B. S. Crawford, J. K. A. Dorman, S. Kay, K. L. Stuart, A. P. Trimble, D. G. C. Whyte.

M.Ch.—H. C. Dales.

M.B., B.Ch., B.A.O.—Adela M. Blair, Sarah F. Charlton, D. McL. F. Drew, L. Fenton, J. L. Houston, T. J. McCabe, G. A. McCann, J. J. McCavana, I. A. McQuade, H. G. S. Murray.

<sup>1</sup>With high commendation. <sup>2</sup>With commendation.

## ROYAL COLLEGE OF SURGEONS OF EDINBURGH

At a meeting of the Royal College of Surgeons of Edinburgh held on December 19, 1951, with Professor Walter Mercer, President, in the chair, the following candidates who had passed the requisite examinations were admitted Fellows: T. L. Barclay, F. Bauer, Lydia Colaco, J. K. Craig, H. A. F. Dudley, A. S. Lambert, D. G. Lane, F. D. Martinson, S. Mishra, A. H. McCallum, J. A. McCredie, I. G. Mackenzie, S. Nand, W. H. Rutherford, L. Stein, D. P. Viljoen, J. A. S. Wilson.

Professor Robert Humphrey McKeag, M.B., B.Ch., B.Dent.Sc., of the Department of Dental Surgery, University of Ceylon, was elected a Fellow in Dental Surgery without examination.

## The Services

A Supplement to the *London Gazette* has announced the following awards:

*First, Second, and Third Clasps to the Territorial Efficiency Decoration*.—Major H. R. Paterson, T.D., R.A.M.C.

*First Clasp to the Territorial Efficiency Decoration*.—Lieutenant-Colonel D. W. E. Lloyd, M.C., T.D., and Major H. Dickie, T.D., R.A.M.C.

*Territorial Efficiency Decoration and First Clasp*.—Majors G. W. Monro and J. R. S. Third, Captain J. P. Collinson, R.A.M.C.

*Territorial Efficiency Decoration*.—Lieutenant-Colonel E. F. Hill, Captain (Honorary Major) G. G. Cochrane, and Captain J. L. Carmichael, R.A.M.C.

## CASUALTIES IN THE MEDICAL SERVICES

*Prisoners of War*.—Captains R. P. Hickey and D. R. Patchett, R.A.M.C., attached R.U.R.

*Part-time Consultant Radiologist, Woking and Chertsey Group of Hospitals, R. O. Murray, M.B. B.Chir., D.M.R. Whole-time Assistant Chest Physician (S.H.M.O. Grade), Dorset and Poole Areas, A. E. K. Salvi, M.R.C.S., L.R.C.P. Whole-time Assistant Chest Physician (S.H.M.O. Grade), Southampton Area, Mary F. Brownlie, M.B. Ch.B., D.P.H. Consultant Chest Physician, Southampton Area, W. M. MacLeod, M.B. B.S., M.R.C.P. Registrar (Orthopaedic Surgery), Croydon Group of Hospitals, G. M. Bedbrook, M.B. B.S., F.R.C.S., F.R.A.C.S. Registrar (Anaesthetics), Salisbury General Hospital, V. P. Wordsworth, M.R.C.S., L.R.C.P. Registrar (Anaesthetics), St. Luke's Hospital, Guildford, Kathleen J. Logan, M.B. Ch.B. Registrar (Obstetrics and Gynaecology), Nelson Hospital, I. M. G. Mackay, M.R.C.S., L.R.C.P., D. Obst. R.C.O.G. Registrar (Infectious Diseases), Western Hospital, S. Y. To, M.B. B.S., D.T.M. & H. Registrar (Medical Department), Milford Chest Hospital, Eudora M. R. Davies, M.B. Ch.B. Senior Registrar (Psychiatrics), Brookwood Hospital, E. R. F. Mellon, M.B. B.Ch., D.P.M., D.P.H. Registrar (Psychiatrics), West Park Hospital, R. D. Watson, M.B. B.S. Registrar (Psychiatrics), Cassel Hospital, W. A. Saffery, M.B. B.Ch.*  
 WILLIAMS, D. LLOYD, L.R.C.P. & S. Ed., L.R.F.P.S. (Glasg.), Assistant Medical Officer of Health and Assistant School Medical Officer for the County of Merioneth

## BIRTHS, MARRIAGES, AND DEATHS

### BIRTHS

**Harris-Jones.**—On December 23, 1951, at Sheffield, to Carol (formerly Mackenzie) wife of J. N. Harris-Jones, M.D., M.R.C.P., a sister for Richard (George).  
**Marrinan.**—On December 31, 1951, at Cambridge, to Biddy Kingsley Pillers, M.B. B.Chir., wife of Denis H. Marrinan, a son.  
**Mathers.**—On December 22, 1951, at the Military Hospital, Malta, to Diana (formerly Mould), wife of Dr. George C. Mathers, a son.  
**Thomas.**—On December 28, 1951, at the Maternity Hospital, Royal Infirmary, Preston to Morfudd (formerly Humphreys), M.B., Ch.B., wife of Dr. William M. Thomas, a second daughter.  
**Wilson.**—On January 2, 1952, at the South London Hospital for Women, to Agnes Christian (formerly Gillan), O.B.E., M.B., Ch.B., wife of William Proctor Wilson, C.B.E., B.Sc., M.I.E.E., a son.

### DEATHS

**Adam.**—On December 26, 1951, at 10, Russell Place, Edinburgh, James Robertson Adam, M.B., Ch.B., D.P.H.  
**Aldous.**—On January 3, 1952, Herbert James Aldous, L.S.A., L.R.C.S. Ed., of Boundary Stone, Paulsgrove, Portsmouth, Hants, aged 76.  
**Anderson.**—On December 26, 1951, at 70, Wadley Lane, Sheffield, Alexander Anderson, M.B. C.M., D.P.H., aged 84.  
**Benson.**—On December 28, 1951, in Somerset, Wallace Benson, C.B.E., D.S.O., M.B. B.Ch., Colonel, A.M.S., retired.  
**Bulleid.**—On December 27, 1951, at his home, Dymboro, Midsomer Norton, Somerset, Arthur Bulleid, L.R.C.P. & S. Ed., L.R.F.P.S., aged 89.  
**Carr.**—On December 30, 1951, at Woodhouse, Windsor Road, Gerrard's Cross, Bucks, Mona Carr (formerly Kirkhouse), M.D.  
**Cock.**—On December 29, 1951, at his home, 7, Gipsy Hill, Upper Norwood, London, S.E., Gerald Cock, M.R.C.S., L.R.C.P.  
**Davies.**—On December 28, 1951, at his home, 2, Morfa Lane, Carmarthen, \*Arthur Lewis Davies, M.R.C.S., L.R.C.P.  
**Dickenson.**—On January 6, 1952, at Newshott, Haslemere, Surrey, George Oswald Morrell Dickenson, M.B. B.S., Surgeon Captain, R.N., retired.  
**Ferguson.**—On December 29, 1951, at St. Andrews, Joshua Ferguson, M.B., C.M., F.R.F.P.S., of 11, Windmill Road, St. Andrews, Fife, aged 80.  
**Geraghty.**—On January 3, 1952, at the Manchester Royal Infirmary, William Geraghty, M.B., Ch.B., of "Glensk," Ashton Lane, Sale, Cheshire, aged 54.  
**Jackson.**—On December 28, 1951, at Plas Uchaf, Penmaenmawr, Caernarvonshire, Robert Jackson, T.D., M.B., C.M., Colonel, A.M.S., T.A., retired, aged 89.  
**Jameson.**—On December 26, 1951, at Queen Victoria Hospital, East Grinstead, Surrey, George Dearden Jameson, M.R.C.S., L.R.C.P., D.P.H., Lieutenant-Colonel, R.A.M.C., retired, of Chilling Street Cottage, Sharpthorne, Sussex.  
**Kohn.**—On December 15, 1951, at 62, Alexandra Road, Wimbledon, London, S.W. Elizabeth Kohn, M.B., B.S., M.R.C.P. Ed., late of Rangoon, Burma.  
**Lys.**—On December 29, 1951, at Emo Lodge, Bournemouth, Henry Graham Lys, M.D., M.R.C.P., aged 87.  
**MacGibbon.**—On January 3, 1952, at 30, New North Road, Huddersfield, Robert Robertson MacGibbon, L.R.C.P. & S. Ed., L.R.F.P.S., aged 52.  
**Mailler.**—On January 2, 1952, at 5, South Close, Highgate, London, N., William Mailler, M.B., C.M.  
**Malone-Barrett.**—On December 26, 1951, at Aveland, East Dean, Eastbourne, Sussex, Francis Malone-Barrett, M.B., B.Ch.  
**Miller.**—On January 1, 1952, at a nursing-home, Edinburgh, Ada Elizabeth Miller, M.D., D.P.H., of 6, Cobden Road, Edinburgh.  
**Miller.**—On December 31, 1951, William Henry Miller, M.D., F.R.C.S., of 43, St. Peters Street, Bedford, aged 70.  
**Nix.**—On December 31, 1951, at Chatteris, Cambs, Rupert Edward Nix, M.B., B.Ch. J.P., aged 84.  
**Peace.**—On January 1, 1952, at Tellisford, Burry Port, Carmarthen, Percy Clift Peace, M.R.C.S., L.R.C.P.  
**Peake.**—On January 4, 1952, at his home, "Keeps," Hillside, Horsham, Sussex, William Pemberton Peake, T.D., M.R.C.S., L.R.C.P.  
**Richmond.**—On December 16, 1951, Henry Richmond, M.B., Ch.B., D.P.H., of 314, Wigan Road, Standish, Wigan, Lancs, aged 64.  
**Robbins.**—On December 25, 1951, in London, Frank Hubert Robbins, M.C., M.B., F.R.C.S. Ed., aged 64.  
**Skeels.**—On January 5, 1952, in London, Percy Bernard Skeels, L.M.S.S.A.  
**Smith.**—On December 26, 1951, at Stronsay, Whickham, Co. Durham, Edward Davison Smith, M.B., B.S., aged 67.  
**Smyth.**—On December 26, 1951, at Buxton, Richard Smyth, M.D., M.Ch., formerly of Ningpo, China, aged 88.  
**Willson.**—On January 4, 1952, Reginald John Willson, M.B., B.Ch., D.P.H., of Newlands, Carlton Road, Redhill, Surrey, aged 77.  
**Wilson.**—On December 29, 1951, at Finchley, London, N., Helen Mary Wilson, M.D., J.P. formerly of Sheffield, aged 87.  
**Wyllie.**—On December 27, 1951, at 10, York Gate, London, N.W., Hugh Alexander Wyllie, M.B., B.S.

## Any Questions?

*Correspondents should give their names and addresses (not for publication) and include all relevant details in their questions, which should be typed. We publish here a selection of those questions and answers which seem to be of general interest.*

### How to Test Schoolchildren's Hearing

**Q.**—What tests for hearing are recommended for the routine medical inspection of schoolchildren? What result with each would you consider an indication that the child required treatment for deafness?

**A.**—An ideal test for this purpose involves the use of a gramophone audiometer which replays over headphones a randomized list of single digits or simple words at intensities decreasing in about 3-decibel steps. Up to 40 children may be tested simultaneously by this means. An average hearing loss of 10 decibels in one or both ears should be considered as an indication of requirement of further investigation. Another test, which is very satisfactory, is known as the "sweep frequency test." This consists in setting the output intensity of a pure-tone audiometer at a very quiet level—say that corresponding to a hearing loss of 10 decibels—and seeing if the child responds to the various tones at this level. Failure to respond to two or more tones can be considered as indicating further investigation.

A less efficient but, for reasons of economy, frequently chosen method is the measurement of the maximum distance at which each ear can hear forcibly whispered numbers or simple syllables, the untested ear being closed with a finger and turned away from the examiner. The child is asked to repeat the words heard, and if the maximum distance for 90% success is 20 ft. (6 metres) or more the ear under test may be regarded as normal. Particular attention should be given to the child's hearing for consonants. It must be remembered that the presence of background noise in the test-room will raise the threshold of hearing by an amount dependent on the level of the disturbance, and this should be borne in mind in interpreting results. The acoustic properties of the test-room also contribute to the unreliability of the test.

Should one of these tests indicate subnormal hearing, the child should be further examined by an otologist, who will, if the deafness is confirmed, advise upon the question of treatment.

Any information such as difficulty in hearing the teacher's voice in the classroom should be taken into consideration. Serious retardation of speech development may, though not always, be an indication of some degree of hearing loss, particularly to high frequencies.

### Thumb-sucking

**Q.**—Where can I find information on the management of a child who sucks his thumb?

**A.**—On p. 194 of the book "Any Questions?" The book can be obtained for 7s. 6d. (postage 6d.) from the Publishing Manager, B.M.A. House, Tavistock Square, W.C.1.

### Discoid Lupus Erythematosus

**Q.**—What is the best treatment for discoid lupus erythematosus of the scalp in an elderly woman? What is the prognosis?

**A.**—The cause of discoid lupus erythematosus is unknown and there is no specific therapy. The condition may be influenced by any other organic or functional state which may be present, and this should receive attention. If there is no contraindication, gold therapy is valuable and may cure or arrest progress of the disease. Mepacrine in a dose