

The authors conclude that their findings support Rado's hypothesis that homosexuality is a result of hidden but incapacitating fears of the opposite sex resulting from certain types of abnormal parent-child relationships. It is doubtful whether one can generalize from this highly selected sample. The majority of the patients must have been more strongly motivated to change towards heterosexuality than most of the homosexuals seen by psychiatrists in clinic practice in this country. Nevertheless, the observations recorded in this book are of great interest for everybody concerned with homosexuality, irrespective of theoretical orientation.

E. STENGEL.

## Ten Years Paralysed

**Horizontal Man.** By Paul Bates and John Pellow. Foreword by Stirling Moss. (Pp. 190+xvi; illustrated. 16s.) London: Longmans. 1964.

Personal accounts of serious illness written by intelligent and articulate patients are rare. To the physician they are always interesting and sometimes poignant. When Paul Bates was struck down by catastrophic paralytic poliomyelitis in the Malayan jungle in 1954 he was a 20-year-old subaltern in the King's African Rifles. His story of the ominous onset of back pain during an exhausting jungle march under the tropical sun presages the disastrous and overwhelming paralysis which shortly overtook him.

This story in itself is of clinical interest, but the main fascination of the book is in its well-written and very objective account of his truly remarkable adjustment during the subsequent decade to paralysis which remains almost complete—except that he can blow,

suck, speak in a husky voice, and move two fingers of his left hand.

So naturally has the writer accepted the precarious hold on life afforded by continuous positive pressure respiration—typing, broadcasting, advising other paralysed patients, operating an amateur radio transmitting station, travelling about the country in pursuit of philanthropic and business interests, and even taking part in the London to Paris Air Race—that it is necessary to remind oneself throughout that ten years after the onset of his illness he is kept alive entirely by artificial means.

It is a platitude of medicine that impairment of function bears scant relation to the extent of the physical lesion, but this story must surely be unique. It is set down so honestly, so clearly, so unemotionally, and at times so humorously, that it is also quite unforgettable.

HENRY MILLER.

## Distinguished Scientists

**Biographical Memoirs of Fellows of the Royal Society.** 1963; Volume 9. (Pp. 321; illustrated. £2.) London: The Royal Society. 1963.

The ninth volume in this series contains the biographical memoirs of seventeen Fellows of the Royal Society who died in the period 1961–63. There is one historian, G. M. Trevelyan, whose obituary by his successor in the mastership of Trinity College, Cambridge, Lord Adrian, is not only a sympathetic tribute, but a literary appreciation written in felicitous English prose. Three physicists are commemorated. W. T. Astbury, crystallographer, was the “founder of an exciting and

growing point of science, *molecular biology*.” Niels Bohr did so much in atomic energy; his biographer, Sir John Cockcroft, describes his subject's share in the political question of the atomic bomb. And there is Sir Charles Darwin, a mathematical physicist and geneticist, as became the godson of Lord Kelvin and Sir Francis Galton. Darwin added to the scientific lustre of his famous family by his own researches. We have two geologists: M. A. C. Hinton, a versatile genius, who in later years utilized his geological knowledge in zoological researches, and W. B. R. King of outstanding distinction. Chemists lost four Fellows: O. Maass, J. I. O. Masson, J. Read and M. W. Travers. All developed this science, especially Travers who worked with Sir William Ramsay at University College, London, in the separation of five rare gases and wrote his chief's biography.

Here also are lives of two botanists, F. G. Gregory and H. H. Thomas; of R. A. Fisher, mathematician and geneticist; of a zoologist, H. G. Cannon; and of a hydrographer, Vice-Admiral Sir John Edgell, who went to Eastman's (not Eastmann's, as stated) Royal Naval Academy and passed into *H.M.S. Britannia* in 1894 at the age of 13½. P. G. Bastien writes (in French) an eloquent tribute to the savant, M.A.M.G.R. Portevin, eminent as a metallurgist. Finally, there is one illustrious medical Fellow, Sir Leonard Rogers, who died in 1962 in his ninety-fifth year. His distinguished career in the Indian Medical Service and his great work in the study of tropical diseases and leprosy are ably recorded by Brigadier Sir John Boyd. The portraits and full bibliographies add to the interest of the volumes in this series, which serves already as a model for scientific biographies.

ARTHUR S. MACNALT.

## Books Received

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

**Anatomical Lectures of William Harvey.** *Prelaciones Anatomie Universalis de Musculis.* Edited by Gweneth Whitteridge, M.A., D.Phil., F.S.A. (Pp. 504+lxiv; illustrated. £7 7s.) Edinburgh and London: E. & S. Livingstone. 1964.

**Psychotherapy.** *A Christian Approach.* By E. N. Ducker. Foreword by Dr. E. Graham Howe. (Pp. 126. 21s.) London: Allen & Unwin. 1964.

**Biochemistry of Clinical Medicine.** By William S. Hoffman, Ph.D., M.D., F.A.C.P. 3rd edition. (Pp. 802+xxii; illustrated. 94s.) Chicago: Year Book Medical Publishers. London: Lloyd-Luke. 1964.

**Developmental Dyslexia.** By Macdonald Critchley. (Pp. 104+xi; illustrated. 25s.) London: William Heinemann. 1964.

**Encéphalites à Virus.** Papers presented to the 26th Réunion Neurologique Internationale. (Pp. 273; illustrated. 37.50 F.) Paris: Masson. 1963.

**Allergy and Tissue Metabolism.** By W. G. Smith, B.Pharm., Ph.D., F.R.I.C., M.I.Biol., F.P.S. (Pp. 110. 25s.) London: William Heinemann. 1964.

**Circulation.** *Handbook of Physiology.* A critical, comprehensive presentation of physiological knowledge and concepts. Section editor: W. F. Hamilton. Executive editor: Philip Dow. Section 2. Volume 2. (Pp. 759–1,787+v; illustrated. £12 16s.) Washington: American Physiological Society. London: Baillière, Tindall and Cox. 1963.

**Healing Through Counselling.** A Christian Counselling Centre. Edited by William H. Kyle. (Pp. 194+x. 21s.) London: Epworth.

**Maladies du Sein.** By Charles Gros. (Pp. 573; illustrated. 182 F.) Paris: Masson. 1963.

**Consultations Journalières en Hématologie.** By Georges Marchal and Gerard Duhamel. (Pp. 169+viii. 26 F.) Paris: Masson. 1964.

**Final Diagnosis.** By Professor John Glaister. (Pp. 224; illustrated. 25s.) London: Hutchinson. 1964.

**The Deaf Child.** By Edith Whetnall, M.S., F.R.C.S., and D. B. Fry, Ph.D. (Pp. 237+vii; illustrated. 42s.) London: William Heinemann. 1964.

**Paediatric Aspects of Cerebral Palsy.** By T. T. S. Ingram, M.B., F.R.C.P.E., D.C.H. (Pp. 515+xii; illustrated. 84s.) Edinburgh and London: E. & S. Livingstone. 1964.

**Sleep and Wakefulness.** By Nathaniel Kleitman. Revised and enlarged edition. (Pp. 552+x. 90s.) Chicago and London: University of Chicago Press. 1964.

**Introduction to the Work of Melanie Klein.** By Hanna Segal. (Pp. 118+xiii. 16s.) London: William Heinemann. 1964.

**Current Diagnosis and Treatment.** By Henry Brainerd, M.D., Sheldon Margen, M.D., and Milton J. Chatton, M.D. (Pp. 870. 72s.) Oxford: Blackwell. Los Altos, California: Lange. 1964.

**Psychological Aspects of Diabetes or How to Live in Emotional Balance with Diabetes.** By Harold Geist, Ph.D. (Pp. 81; illustrated. \$4.75.) Springfield, Illinois: Charles C. Thomas. 1964.

**Role of the Gamma System in Movement and Posture.** By Ian A. Boyd, M.B., Ch.B., Ph.D., Carlos Eyzaguirre, M.D., Peter B. C. Matthews, M.D., and Geoffrey Rushworth, M.A., M.B., Ch.B. (Pp. 71; illustrated. \$2.50.) New York: Association for the Aid of Crippled Children. 1964.

**De Tweede Harttoon.** The Second Heart Sound. (English Summary.) By Luc Van der Hauwaert. (Pp. 272; illustrated. No price quoted.) Brussels: Arsacia Uitgaven N.V. 1963.

**Hydronephrosis.** By James C. Anderson, O.B.E., T.D., F.R.C.S. (Pp. 92+x; illustrated. 25s.) London: Heinemann. 1963.

**Composition Corporelle Normale.** Ses Variations au Cours de la Sous-Alimentation et de l'hyperthyroïdie. By J. J. Haxhe. (Pp. 359. No price quoted.) Brussels: Editions Arsacia S.A. Paris: Librairie Maloine S.A. 1963.