

approach to the problem is an attempt to widen the range of reliable facts about all possibly relevant aspects of the disorder.

Before 1940 stuttering was believed to be related to incomplete cerebral dominance and change of handedness, especially the enforced use of the right hand—for example, for writing—in a predominantly left-handed child. More systematic work among larger population samples, however, revealed no essential relationship between handedness, ambidexterity, or change of handedness and stuttering. This conclusion coincides with the authors' results. Of 80 stutterers 56 were right-handed, 21 ambidextrous, and three left-handed. Among 80 controls, the figures were 52, 23, and 5 respectively for each group. As regards the relationship between dominant hand and dominant eye, of the 80 stutterers 44 were crossed-lateral and 36 unilateral, and in the 80 controls the distribution was identical. Thus the data obtained

do not support the view that either handedness or crossed laterality is related to stuttering. None of the 80 stutterers were predominantly left-handed who had been converted to the right hand for writing.

Surveys of stuttering in schools of the United Kingdom have consistently shown a figure in the region of one stutterer per hundred of population. To explore the true incidence, a small population survey of 821 persons was conducted. Of these, 4.8% registered themselves as being or having been stutterers and 3.6% of their relatives were said to have been affected at some time. It seems probable that some 3 to 4% of the population may experience an episode of stuttering in childhood but in only 1% will the stutler persist. The usual prevalence of stuttering among boys as compared with girls was indicated in this survey, the ratio being 2.5 males to 1 female as compared with the more frequent estimate of 4 to 1.

There is much valuable information contained in this volume. Fortunately, the material is well set out in paragraphs and tables with appropriate headings, close study of which should stimulate further research into the difficult problem of stuttering.

C. WORSTER-DROUGHT.

As a guide for the citizen to the many services and benefits available to him in the Welfare State *The National Health Service and You*, by Gordon Thomas and Ian D. Hudson, M.B., B.S., is up to date and informative. It covers much more than the Health Service, for it includes useful advice on State insurance benefits and many other topics. Nor is it restricted simply to the provision of information. The authors make stimulating comments on the British and other health services, and outline an alternative scheme canvassed in this country. This volume is a 300-page paperback published by Panther Books Ltd. for 5s.

Books Received

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

Rheumatic Fever. Diagnosis, Management, and Prevention. Major Problems in Clinical Pediatrics. Vol. 2. By Milton Markowitz, A.B., M.D., and Ann Gayler Kuttner, B.S., Ph.D., M.D. (Pp. 242+xiv; illustrated. £2 12s. 6d.) Philadelphia and London: W. B. Saunders. 1965.

Antibiotika-Fibel. By Professor A. M. Walter and Professor L. Heilmeyer. (Pp. 897+xxxii. DM. 88.) Stuttgart: Georg Thieme. 1965.

Ovulationshemmung durch Hormone. By Dr. Jürgen Haller. (Pp. 194+ix; illustrated. DM. 24.) Stuttgart: Georg Thieme. 1965.

An Introduction to General Virology. By Thomas M. Bell, B.Sc., Ph.D. (Pp. 284+vii; illustrated. 35s.) London: Heinemann. 1965.

Pratique Cancérologique. Edited by Marcel Dargent. (Pp. 232; illustrated. 90 F.) Paris: L'Expansion Scientifique Française. 1965.

The Doctorate. A Handbook. By George K. Schweitzer, Ph.D., Sc.D. (Pp. 106+vii. \$4.75.) Springfield, Illinois: Charles C. Thomas. 1965.

Physiology and Pathology of the Human Diencephalon. Translated from Russian. Edited by N. I. Grashchenkov and G. N. Kassil. (Pp. 418; illustrated. £6 15s.) London: Oldbourne. 1965.

Experiments in Plant Hybridisation. By Gregor Mendel. Translated with commentary and assessment by the late Sir Ronald A. Fisher, M.A., Sc.D., F.R.S. (Pp. 95+ix. 21s.) Edinburgh and London: Oliver & Boyd. 1965.

Preventive Medicine. 2nd edition. Edited by Herman E. Hilleboe, M.E., and Granville W. Larimore, M.D. (Pp. 523+xviii. £4 4s.) Philadelphia and London: W. B. Saunders. 1965.

Physiology of the Splanchnic Circulation. By J. Grayson, M.Sc., M.D.(V.U. Manc.), Ch.B., and D. Mendel, M.D.(Lond.), M.R.C.P. (Pp. 200+vii; illustrated. 42s.) London: Edward Arnold. 1965.

Précis d'Audiométrie Clinique. 3rd edition. By Michel Portman and Claudine Portman. (Pp. 385; illustrated. 48 F.) Paris: Masson. 1965.

Maladjusted Boys. By Otto L. Shaw. (Pp. 168. 28s.) London: Allen & Unwin. 1965.

Techniques de Dénudation Veineuse. By Jean Fontanelle and Alain Toudoire. (Pp. 66; illustrated. 7 F.) Paris: Masson. 1965.

L'Oeil et les Radiations Ionisantes. By C. Haye, H. Jammet, and M.-A. Dollfus. (Vol. 1: pp. 776. Vol. 2: Pp. 777-1444; illustrated. 200 F.) Paris: Masson. 1965.

Les Syndromes Myo-Thyroïdiens. By P. Kissel, P. Hartemann, and M. Duc. (Pp. 167+viii. 25 F.) Paris: Masson. 1965.

Girdlestone's Tuberculosis of Bone and Joint. 3rd edition. Revised by E. W. Somerville, M.B., F.R.C.S.(Ed.), and M. C. Wilkinson, M.B., F.R.C.S.(Eng.). (Pp. 220; illustrated. 50s.) London, New York, and Toronto: Oxford University Press. 1965.

Surgery of the Digestive System in the Rat. By René Lambert, M.D. (Pp. 501+xv; illustrated. \$18.50.) Springfield, Illinois: Charles C. Thomas. 1965.

Development of the Eye. Experimental Studies. Translated from Russian. By G. V. Lopashov and O. G. Stroeva. (Pp. 177; illustrated. £3 12s.) London: Oldbourne. 1965.

Atlas of Steroid Spectra. By Dr. Walter Neudert and Dr. Horst Röpké. (Pp. 471+viii; illustrated. DM. 144.) Berlin, Heidelberg, and New York: Springer. 1965.

La Marche et les Boïteries. By Robert, Jean et Pierre Ducroquet. Illustrated by M. Dudouët (Pp. 280; illustrated. 90s.) Paris: Masson. 1965.

Strongyloids of Animals and Man. (Strongylidae.) Translated from Russian. By T. I. Popova. (Pp. 236; illustrated. £4 1s.) London: Oldbourne. 1965.

Baanbrekende Ontdekkingen in de Geneeskunde. By Dr. Jules Samuels. (Pp. 152. Fl. 12.) Amsterdam: Buijten & Schipperheijn. 1965.

Diets for Sick Children. By Daphne J. W. Dixon, B.Sc., S.R.D. Foreword by Barbara E. Clayton, M.D., Ph.D., M.R.C.P. (Pp. 111+x. 12s. 6d.) Oxford: Blackwell. 1965.

Degeneration Patterns in the Nervous System. Progress in Brain Research. Vol. 14. Edited by M. Singer and J. P. Schädé. (Pp. 286; illustrated. 90s.) Amsterdam, London, and New York: Elsevier. 1965.

New Problems in Medical Ethics. No. 1. Artificial Insemination. Death. Edited by Dom Peter Flood, O.S.B., B.A., M.D., M.Ch., J.C.L. (Pp. 127. 5s.) Cork: Mercier Press. 1962.

New Problems in Medical Ethics. No. 2. Sexual Problems of the Adolescent. Medical Responsibility. Edited by Dom Peter Flood, O.S.B., B.A., M.D., M.Ch., J.C.L. (Pp. 125. 5s.) Cork: Mercier Press. 1962.

New Problems in Medical Ethics. No. 3. Intersexuality. The Medical Secret. Edited by Dom Peter Flood, O.S.B., B.A., M.D., M.Ch., J.C.L. (Pp. 157. 6s.) Cork: Mercier Press. 1963.

New Problems in Medical Ethics. No. 4. Abortion. Narcoanalysis. Edited by Dom Peter Flood, O.S.B., B.A., M.D., M.Ch., J.C.L. (Pp. 179. 7s. 6d.) Cork: Mercier Press. 1962.

Drug Presentation and Prescribing. By W. R. L. Brown, B.Pharm., Ph.D., F.P.S., and J. W. Hadgraft, F.P.S., F.R.I.C. (Pp. 118+viii; illustrated. 17s. 6d.) Oxford, London, Edinburgh, New York, Paris, and Frankfurt: Pergamon. 1965.

A Child Goes to Hospital. The Psychological Aspects of a Child Going to the Hospital. By Harold Geist, Ph.D. (Pp. 112+xi. \$5.75.) Springfield, Illinois: Charles C. Thomas. 1965.

General Anaesthesia. 2nd edition. Edited by Frankis T. Evans, M.B., B.S., F.R.C.S., F.F.A. R.C.S., and T. Cecil Gray, M.D., F.F.A. R.C.S. (Vol. 1: Basic Principles. Pp. 676+xiv; illustrated. Vol. 2: Clinical Practice. Pp. 672+xiii; illustrated. £10 10s. per set of 2 volumes.) London: Butterworth. 1965.

Nutrition and Caries-Prevention. Symposia of the Swedish Nutrition Foundation III. Edited by Gunnar Blix, M.D. (Pp. 130. Sw. kr. 35.) Uppsala: Almqvist & Wiksells. 1965.

Tumors of Bone and Soft Tissue. 8th Clinical Conference on Cancer, Texas, 1963. (Pp. 448; illustrated. 98s.) London: Lloyd-Luke. 1965.

Year Book of Orthopedics, Traumatic and Plastic Surgery. 1964-65 Series. Edited by H. Herman Young, M.D., and Neal Owens, M.D., F.A.C.S., F.I.C.S. (Pp. 480; illustrated. 72s.) London: Lloyd-Luke. 1965.

The Thymus. Symposium, Wistar, Philadelphia, 1964. Edited by Vittorio Defendi and Donald Metcalf. (Pp. 145; illustrated. \$5.00.) Wistar, Philadelphia: Wistar Institute Press. 1964.