

pedestrian is in danger of lead absorption from the exhaust gases of lead tetra ethyl, but goes on to state that in Basle the atmosphere in the streets contains 5 to 7 gamma of lead per cubic metre.

A unique and valuable feature of the book is the last chapter on "Chief Symptoms of Poisoning," in which intoxications are treated in tabulated form according to the symptomatic aspect of each organ or system. An example of this arrangement may be taken from the sub-heading "Orthostatic Collapse" in the section "Circulatory Apparatus." This shows not only the wide scope and variety of the intoxications described, but also the difficulty, already referred to, with regard to proprietary preparations: "ecolid," "iproniazid," "mevasin," and "pendiomid" are listed as agents of this "ganglion-blocking" syndrome.

With such a wide range of subjects there is inevitably some over-simplification, but on the whole the most important facts are presented with an admirable conciseness which is of special value to those who need these facts without having to study the vast amount of research literature on which they are founded. Undoubtedly this monumental work will have a wide appeal as an indispensable reference book for clinicians, pharmacologists, and industrial toxicologists.

ETHEL BROWNING.

INBORN ERRORS OF METABOLISM

Maladies Héritaires du Métabolisme Chez l'Enfant. By Maurice Lamy, Pierre Royer and Jean Frézal. Preface by Professor Robert Debré. (Pp. 259; illustrated. 3,600 fr.) Paris: Masson et Cie. 1959.

Dr. Maurice Lamy, Dr. Pierre Royer, and Dr. Jean Frézal have written a valuable new monograph on *Maladies Héritaires du Métabolisme Chez l'Enfant*. Garrod would perhaps be quite surprised at the number of new "errors" discovered since his time. Indeed, one difficulty facing the authors must have been that reports of new disorders are rapidly appearing. This may in part explain why there is no mention of sucroseria or abnormalities of fructose metabolism and why the only amino-acid disturbances are limited to Lowe's syndrome with a brief mention of the Hartnup syndrome (in the bibliography of phenylketonuria!) apart from a chapter devoted to alkaptonuria and to the phenylpyruvic-acid story in which the reviewer is sorry to see no mention of the work done at Great Ormond Street Hospital. The "maple syrup syndrome" has probably been missed out because it is one of the most recent to be reported. The inclusion of muco-viscidosis as a metabolic disorder is perhaps stretching the net too wide. The text is clearly written in easy French, well set out and with very good bibliographies at the end of each chapter. As with most French medical books there is regrettably no index. Professor Robert Debré contributes a preface.

ALAN MONCRIEFF.

Pain and Itch: Nervous Mechanisms, the proceedings of the Ciba Foundation's first study group, concerns itself, as the title suggests, not with the philosophical but with the material basis of pain. The inquiries, conducted by a distinguished international panel of scientists during a one-day study group, are necessarily highly technical, but they are lucidly presented and illustrated, and each of the eight papers is followed by a discussion. There are extensive references and an index. (J. & A. Churchill Ltd., 104, Gloucester Place, London, W.1; 120+viii pp., 12s. 6d.)

BOOKS RECEIVED

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

The Effects of Pollution on Living Material. Symposia of the Institute of Biology, No. 8. Edited by W. B. Yapp. (Pp. 154 +xii; illustrated. 25s.) London: Institute of Biology. 1959.

La Fatigue. Physiologie, Psychologie, et Médecine Sociale. By Pierre Bugard. (Pp. 308; illustrated. NF. 32.) Paris: Masson et Cie. 1960.

Radiodiagnostic en Rhumatologie. 400 Images de Base. Travail du Centre de Rhumatologie Viggo-Petersen, Hôpital Lariboisière. By S. de Séze, Albert Djian, and Micheline Phankim-Chapuis. (Pp. 188. NF. 30.) Paris: Expansion Scientifique Française. 1960.

Selected Papers from the Institute of Cancer Research: Royal Cancer Hospital, and from the Royal Marsden Hospital, 1957. Cumulated List of Contents of Volumes 7 to 12, 1950-57. (Pp. 1,098+xx; illustrated.) London. 1959.

Surgeon Compassionate. The Story of Dr. William Marsden, M.D., M.R.C.S., Founder of the Royal Free and Royal Marsden Hospitals. By Frieda Sandwith. (Pp. 235+viii; illustrated. 21s.) London: Peter Davies. 1960.

Proceedings of the Fourth International Congress of Biochemistry, Vienna, September 1-6, 1958. General Editor: O. Hoffmann-Ostenhof. Volume XI. Symposium XI. *Vitamin Metabolism.* Edited by W. Umöreit and H. Molitor. (Pp. 373 +xiii; illustrated. 73s.) London, New York, Paris, Los Angeles: Pergamon Press for the Organizers and the International Union of Biochemistry. 1960.

The Physical Health of Children. By Audrey Kelly. (Pp. 256. 3s. 6d.) Harmondsworth, Middlesex: Penguin Books. 1960.

The Surgery of Theodoric, ca. 1267. Translated from the Latin by Eldridge Campbell, M.D., and James Colton, M.A. Volume 2 (Books III and IV). (Pp. 233+xix. \$5.50.) New York: Appleton-Century-Crofts, Inc. 1960.

Proceedings of the Fourth International Congress of Biochemistry, Vienna, September 1-6, 1958. General Editor: O. Hoffmann-Ostenhof. Volume VIII. Symposium VIII. *Proteins.* Edited by H. Neurath and H. Tuppy. (Pp. 258+xi; illustrated. 70s.) London, New York, Paris, Los Angeles: Pergamon Press for the Organizers and the International Union of Biochemistry. 1960.

Effect of Radiation on Human Heredity: Investigations of Areas of High Natural Radiation. First Report of the Expert Committee on Radiation. World Health Organization Technical Report Series, No. 166. (Pp. 47. 1s. 9d.) Geneva: World Health Organization. London: H.M. Stationery Office. 1959.

The General Practitioner and the Effectiveness of His Share in the Care of Health. By Dr. Y. van der Wielen. Foreword by Professor R. Hornstra. (Pp. 340.) Assen: Van Gorcum and Co. N.V. 1960.

Practical Electrotherapy for Physiotherapists. By Brenda Savage, M.Sc., M.C.S.P. (Teacher's Certificates). (Pp. 296; illustrated. 30s.) London: Faber and Faber, Ltd. 1960.

In Place of Parents. A Study of Foster Care. By Gordon Trasler, Ph.D. (Pp. 248+viii. 25s.) London: Routledge and Kegan Paul. New York: The Humanities Press. 1960.

Heritable Disorders of Connective Tissue. By Victor A. McKusick, M.D. Second edition. (Pp. 333; illustrated. 90s.) St. Louis: C. V. Mosby Company. London: Henry Kimpton. 1960.

Atlas of Bacterial Flagellation. By Einar Leifson. (Pp. 171; illustrated. \$7.) New York and London: Academic Press. 1960.

Polysaccharides in Biology. Transactions of the Fourth Conference, May 21-23, 1958, Princeton, N.J. Edited by Georg F. Springer, M.D. (Pp. 326; illustrated. \$5.95.) New York: Josiah Macy, Jr., Foundation. 1959.

The Health of Business Executives. Transactions of a One-Day Conference held in the Royal Festival Hall, London, November 20, 1959. (Pp. 126. 15s.) London: Chest and Heart Association. 1960.

A Short Synopsis of Human Protozoology and Helminthology. By L. R. S. Macfarlane, O.B.E., M.D., M.A., D.P.H., Brigadier. Illustrated by R. M. Leach, B.E.M. (Pp. 251+vii; illustrated. 35s.) Edinburgh and London: E. and S. Livingstone, Ltd. 1960.

the issue can start—to the most seriously disabled first—and about two years before all the cars needed can be supplied, so tricycle owners are asked to wait until the Ministry informs them that an exchange is possible.

"Getting Married, 1960"

The *Family Doctor* booklet, *Getting Married, 1960*, is now available at 1s. a copy. Many aspects of the topic are discussed by, among others, Dr. DORIS ODLUM and Dr. ROSALIE TAYLOR, Dr. LESLIE WEATHERHEAD, and the general secretary of the National Marriage Guidance Council, Mr. J. BRAYSHAW.

People in the News

Dr. R. W. GILLIATT, assistant physician at the National Hospital for Nervous Diseases, is to be best man at the wedding of Princess Margaret and Mr. Antony Armstrong-Jones.

Dr. T. STAPLETON, assistant director of the paediatric unit, St. Mary's Hospital Medical School, has been appointed professor of child health in the University of Sydney and director of the Institute of Child Health there from July 1.

COMING EVENTS

Postgraduate Course in Industrial Health.—Durham University, April 28–June 16. Details from Professor R. C. BROWNE, Nuffield Department of Industrial Health, the Medical School, King's College, Durham University.

Royal College of Surgeons in Ireland.—London Association: Annual dinner and dance, the Rembrandt Hotel, Knightsbridge, London, S.W.1, April 28. Details from Dr. D. S. MAGNER, 56, Glenister Park Road, London, S.W.16.

Kensington and Hammersmith Division, B.M.A.—This Division, in co-operation with the West London Faculty of the College of General Practitioners, is relaying a series of colour television demonstrations from the British Postgraduate Medical School and Hammersmith Hospital to the audience in the Royal College of Surgeons in May, 1960. Admission by ticket. Details from Dr. J. D. W. WHITNEY, 60, Hilary Road, Shepherd's Bush, London, W.12.

T.A. Medical Officers' Association.—Annual dinner: Headquarters Mess, R.A.M.C., Millbank, London, May 13, 7.30 p.m. Details from the Honorary Secretary, Colonel J. A. DUDGEON, 41, Flood Street, London, S.W.3.

Chest and Heart Association.—Symposium: "Current Trends in Cardiology," June 8, Barnes Hall, Royal Society of Medicine, 1, Wimpole Street, London, W.1. Details from the Chest and Heart Association, Tavistock House North, Tavistock Square, London, W.C.1.

Dinghy Meeting.—A dinghy meeting, using G.P. 14's, has been arranged at the Northampton Sailing Club on June 9. All medical men are invited, and particulars can be had from Mr. G. C. SAWYER, 23, de Montfort Street, Leicester.

5th International Congress of Gerontology.—Sponsored by the International Association of Gerontology: San Francisco, August 7–12. Details from Dr. LOUIS KUPLAN, Post Office Box 2103, Sacramento, 10, California, U.S.A.

6th Pan-American Congress of Pediatrics.—Caracas, Venezuela, August 7–13. Details from the Secretariat, Congreso de Pediatría 1960, Apartado Postal 3122, Caracas, Venezuela.

11th International Astronautical Congress.—Royal Institute of Technology, Stockholm, August 15–20. Papers on physiological and psychological aspects of life in extraterrestrial environments will be included. Details from Swedish Interplanetary Society, IAF-60, Box 5045, Stockholm, 5, Sweden.

6th International Congress of Internal Medicine.—Basle, August 24–27. Details from the secretariat of the Congress, 13, Steinentorstrasse, Basle, Switzerland.

2nd International Course of Lyophilization.—Institut National des Sciences Appliquées, Lyons, France, August

29 to September 9. Opening lecture by Dr. A. S. PARKES, F.R.S.: "Lyophilization in Biology and Medicine." Details from Dr. LOUIS R. REY, Laboratoire de Physiologie, École Normale Supérieure, 24, Rue Lhomond, Paris, 5, France.

8th World Congress of International Society for Welfare of Cripples.—New York, August 29 to September 3, 1960. Details of Congress and of International Rehabilitation Film Awards from the Central Council for the Care of Cripples, 34, Eccleston Square, London, S.W.1.

5th International Congress on Nutrition.—Washington, D.C., September 1–7. Chairman of organizing committee: Dr. PAUL GYÖRGY, professor of paediatrics, University of Pennsylvania. Details from Dr. MILTON O. LEE, general secretary, 9650, Wisconsin Avenue, Washington, 14, D.C., U.S.A.

6th International Congress of Microbiological Standardization.—Wiesbaden, Germany, September 5–10. General reports will include one on the production, control, and application of live polio vaccines. Details from Postfach 167, Interstandard Congress, Marburg, Lahn, Germany.

SOCIETIES AND LECTURES

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

Tuesday, April 19

ILFORD MEDICAL SOCIETY.—At King George Hospital, Ilford, 8.45 p.m.
Dr. I. D. Wilson: Words Without End.

Wednesday, April 20

ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE.—3.30 p.m., Dr. M. T. Morgan: Economics of Local Authority Pest Control (illustrated).
● SOCIETY OF APOTHECARIES: FACULTY OF THE HISTORY OF MEDICINE AND PHARMACY.—5.30 p.m., Gideon Delaune Lecture by Sir John Charles: Roger Bacon on the Errors of Physicians.

Thursday, April 21

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—4.15 p.m., Abbott Demonstration by Dr. B. D. Wyke: Human Cerebral Circulation.
ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.—7.30 p.m., papers by Dr. J. D. Fulton, Dr. C. S. Leithard, Dr. W. E. Ormerod, and Professor A. W. Woodruff and Dr. Stanley S. Bell.

Friday, April 22

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Hunterian Lecture by Professor K. Bloor: Natural History of Arteriosclerosis of the Lower Extremity.

Saturday, April 23

NORTH-EAST METROPOLITAN THORACIC SOCIETY.—At Lecture Theatre, Department for Research in Industrial Medicine, London Hospital, E., 10.30 for 11 a.m., Dr. A. I. G. McLaughlin: Diagnosis of the Pneumoconioses, with Special Reference to X-ray Films and Classification.

BIRTHS, MARRIAGES, AND DEATHS

BIRTHS

Guest.—On March 29, 1960, at Dar es Salaam, Tanganyika, to Ilse, wife of Dr. J. G. Guest, a son—Richard Malcolm.

DEATHS

Connell.—On March 24, 1960, at Abberton, Worcs, John Stewart Marshall Connell, F.R.C.S.Ed., L.D.S., late of Birmingham.
Baker.—On March 20, 1960, at Ardvair, Adelaide Road, Walton-on-Thames, Surrey, Martyn Wilfred Baker, M.B., B.Ch.
Feeny.—On March 24, 1960, at 342, Stockport Road, Longsight, Manchester, Patrick Joseph Feeny, M.B., B.Ch.
Foulkes.—On March 22, 1960, at The Homestead, Station Road, Sidmouth, Devon, Peter Gifford Foulkes, M.B., B.S., late of King's Lynn, Norfolk, aged 81.
Heaton.—On March 21, 1960, in Canada, Charles Howard Heaton, O.B.E., M.B., Ch.B., Commander, R.N., retired, late of Birmingham, Warwick.
Howett.—On March 19, 1960, the result of an accident, Robert Anthony Howett, M.B., F.R.C.S., of Edinburgh, formerly of Melbourne, Australia, aged 31.
Hughes.—On March 23, 1960, in King's College Hospital, London, S.E., Daniel Hughes, M.B., B.Ch., D.P.H., of 74, Camberwell Grove, and 14, Honor Oak Rise, London, S.E.
Macdonald.—On March 22, 1960, at Keyworth, Lundy Links, Fife, George Macdonald, M.B., Ch.B., D.P.H.
MacDougall.—On February 5, 1960, Allan Alexander MacDougall, L.R.C.P.&S.Ed., L.R.F.P.S., of 10, Cecil Street, Glasgow, W.
Minett.—On March 16, 1960, at Langham Nursing Home, Oakham, Rutland, Ethel Mary Minett, M.D., D.P.H., late of Hong Kong and Madeira, aged 72.
O'Loughlin.—On March 23, 1960, Herbert John O'Loughlin, M.B., Ch.B., D.P.M., of Oulton Hall, Oulton, near Leeds, Yorks.
Scott.—On March 17, 1960, at his home, Jersey, Channel Islands, John Scott, D.S.O., O.B.E., M.B., F.R.C.S.Ed., D.P.H., Colonel, I.M.S., retired.
Wilcox.—On March 22, 1960, at Shetland, David Cooper Main Wilcox, M.B., Ch.B., D.A., of 14, Learmonth Gardens, Edinburgh.
Wood.—On March 21, 1960, at 2, Cross Park, Teignmouth, Devon, Joseph Arthur Wood, M.B., B.Ch., late of Rollrights, Milford-on-Sea, Hants, and Mayfield, Ludlow, Salop, aged 85.