

The authors are almost entirely from the U.S.A., and the subjects are as follows:

The Gene and Biochemistry, by G. W. Beadle; Viruses, by W. M. Stanley; Photosynthesis and the Production of Organic Matter on Earth, by H. Gaffron; The Bacterial Cell, by René J. Dubos; The Nutrition and Biochemistry of Plants, by D. R. Hoagland; Biological Significance of Vitamins, by C. A. Elvehjem; Some Aspects of Vitamin Research, by Karl Folkers; Quantitative Analysis in Biochemistry, by Donald D. Van Slyke; Enzymic Hydrolysis and Synthesis of Peptide Bonds, by Joseph S. Fruton; Metabolic Process Patterns, by Fritz Lipmann; Biochemistry from the Standpoint of Enzymes, by David E. Green; Enzymic Mechanisms of Carbon Dioxide Assimilation, by Severo Ochoa; Hormones, by B. A. Houssay; Fundamentals of Oxidation and Reduction, by Leonor Michaelis; Mesomeric Concepts in the Biological Sciences, by Herman M. Kalckar; Viscometry in Biochemical Investigations, by Max A. Lauffer; Isotope Technique in the Study of Intermediary Metabolism, by D. Rittenberg and David Shemin; Mucolytic Enzymes, by Karl Meyer; Some Aspects of Intermediary Metabolism, by Konrad Bloch; The Steroid Hormones, by Gregory Pincus; Plant Hormones and the Analysis of Growth, by Kenneth V. Thimann; Chemical Mechanism of Nervous Action, by David Nachmansohn; Some Aspects of Biochemical Antagonism, by D. W. Woolley; Chemotherapy: Applied Cytochemistry, by Rollin D. Hotchkiss; Biochemical Aspects of Pharmacology, by Arnold D. Welch and Ernest Bueding; Some Biochemical Problems Posed by a Disease of Muscle, by Charles L. Hoagland; Physiology and Biochemistry, by Surgeon Captain C. H. Best; X-ray Diffraction and the Study of Fibrous Proteins, by I. Fankuchen and H. Mark; Immunochemistry, by Michael Heidelberger; Social Aspects of Nutrition, by W. H. Sebrell; Organization and Support of Science in the United States, by L. C. Dunn.

As might be expected from such a diverse group of authors the essays are of an uneven standard, but all are stimulating and sometimes provocative. Each is a survey in clear language by an expert research worker of the important developments in his own field, with some speculation on the most likely paths of future progress. It is a pity that, unlike its predecessor, this volume has no index, since the inclusion of at least a subject index would have greatly added to its value. However, the book achieves its author's aim of assisting those interested in the subject to see biochemistry in clearer perspective and in its proper relationship to other fields of inquiry. This volume is highly commended to all those who wish to learn about the present rapid developments in biochemistry.

F. G. YOUNG.

### THE LOUSE

*The Louse. An Account of the Lice which Infest Man, their Medical Importance and Control.* By Patrick A. Buxton, C.M.G., F.R.S. (Pp. 164. 10s. 6d.) London: Edward Arnold and Co. 1947.

This new edition of Prof. Buxton's monograph will be widely welcomed. Though the first edition appeared only in 1939, recent research has necessitated increasing the size of the volume by nearly half as much again. The author presents much new knowledge of the sensory physiology of the louse and of its behaviour, particularly in relation to the host, and recently obtained information about the incidence of the insect. A useful addition is a very full account of the recent work on the insecticides such as D.D.T. which have revolutionized louse control. Prof. Buxton also includes a short account of obsolete or obsolescent methods for the sake of completeness.

It is to be hoped that the present conditions hampering the publication of medical books are only temporary. More than two years elapsed between the completion of this manuscript and the final appearance of the volume in the bookshops. Such delays are a great disadvantage to research workers waiting for new information to be made available and they must often cause a new book to be out of date before it appears. Fortunately Prof. Buxton's book has scarcely suffered in this way, for he was actively concerned with the work he describes and thus was able to include a certain amount of previously unpublished information. However, perhaps one effect of the lapse of time has been to reduce the bibliography, since the author has been unable to include references to some recent British papers on louse control whose publication was delayed by security measures. American references, consequently preponderate, since there has been less hesitation in the U.S.A. about publishing information considered to be secret.

KENNETH MELLANBY.

### BOOKS RECEIVED

[Review is not precluded by notice here of books recently received]

*Dr. Samuel Guthrie: Discoverer of Chloroform.* By J. R. Pawling, M.D., M.A., F.A.C.P. (Pp. 123. No price.) Watertown, N.Y.: Brewster Press. 1947.

A biography, with many illustrations, of the American chemist and physician.

*The Fever Bark Tree.* By M. L. Duran-Reynals. (Pp. 251. 8s. 6d.) London: W. H. Allen. 1947.

The story of malaria and the search for quinine.

*Skin Manifestations of Internal Disorders.* By Kurt Wiener, M.D. (Pp. 690. 63s.) London: Henry Kimpton. 1947.

The author describes and illustrates with numerous photographs the skin manifestations of many internal disorders.

*Bovine Tuberculosis.* By John Francis, B.Sc., M.R.C.V.S. (Pp. 220. 25s.) London: Staples Press. 1947.

A monograph on bovine tuberculosis with a detailed comparison between the disease in cattle and in man.

*Transactions of the Association of Life Insurance Medical Directors of America.* 55th Annual Meeting. Edited by H. E. Ungerleider, M.D. Vol. XXX. (Pp. 378. No price.) New York: Recording and Statistical Corporation Press. 1947.

Includes papers on rheumatic fever, exploratory electro-cardiograms, thrombosis and anticoagulants, and peptic ulcers.

*A Textbook of Gymnastics.* By K. A. Knudsen. Vol. I. 2nd ed. (Pp. 384. 15s.) London: J. and A. Churchill. 1947.

The author describes and discusses the "form-giving" exercises of the Ling system.

*Drugs from Plants.* By T. I. Williams, B.A., B.Sc., D.Phil. (Pp. 119. 6s.) London: Sigma Books, Ltd. 1947.

An account for the general reader of some drugs obtained from plants.

*Progress in Gynecology.* Edited by J. V. Meigs, M.D., and S. H. Sturgis, M.D. (Pp. 552. 35s.) London: William Heinemann. 1947.

A collection of papers on recent advances in gynaecology intended particularly to refresh the minds of those returning to practice after the war.

*Getting Ready to be a Mother.* By Carolyn C. Van Blarcom, R.N. New English edition edited by Gladys B. Carter, B.Sc., S.R.N., S.C.M. (Pp. 311. 8s. 6d.) London: Macmillan and Co. 1947.

How to prepare for and care for the baby; intended for laymen.

*Poisons: Their Isolation and Identification.* By Frank Bamford, B.Sc. 2nd ed. revised by C. P. Stewart, M.Sc., Ph.D. (Pp. 304. 21s.) London: J. and A. Churchill. 1947.

Intended as a laboratory manual for chemists who have to deal with cases of poisoning.

*Mental Health.* By John H. Ewen, F.R.C.P.Ed., D.P.M., and C. Friedman, M.D. (Vienna), L.R.C.P.&S.Ed. (Pp. 270. 12s. 6d.) London: Edward Arnold and Co. 1947.

A brief account of mental disorder intended for the medical student and practitioner, as well as those concerned with social and educational problems.

*Morphologic Hematology.* Special Issue No. 1 of *Blood*. Edited by William Dameshek, M.D., et al. (Pp. 200. \$4.75.) New York: Grune and Stratton. 1947.

Includes papers on the bone marrow, Hodgkin's disease, phagocytosis, and blood platelets.

*A Textbook of Histology for Medical Students.* By Evelyn E. Hewer, D.Sc. 4th ed. (Pp. 407. 21s.) London: William Heinemann. 1947.

A practical textbook for the medical student; this edition includes a new chapter on protective mechanisms.

*Essays on Contemporary Events.* By C. G. Jung. (Pp. 90. 8s. 6d.) London: Kegan Paul. 1947.

Includes three essays on the state of Europe to-day, and a lecture on the problems facing psychotherapists at present.

bacterial and spirochaetal diseases, virus and rickettsial diseases, malaria, helminthic diseases, protozoan diseases, nutritional diseases of the Tropics, tropical dermatology and mycology, tropical veterinary medicine, public health, and medical and veterinary entomology. Visits will be made to the National Institute of Health in Bethesda, to the laboratories of the Department of Agriculture in Beltsville, and to other institutions and laboratories in and around Washington. Those interested should write to the Executive Secretary, Fourth International Congresses on Tropical Medicine and Malaria, Department of State, Washington 25, D.C., U.S.A., for the preliminary announcement and the advance registration and hotel reservation form.

#### Australasian Medical Congress

The sixth session of the Australasian Medical Congress (British Medical Association) will be held at Perth, Western Australia, from Aug. 15 to 21, 1948, under the presidency of Dr. D. M. McWhae. The scientific sections of the congress, numbering fourteen, are as follows: Medicine; Surgery; Naval, Military and Air Force Medicine and Surgery; Obstetrics and Gynaecology; Paediatrics; Ophthalmology; Oto-Rhino-Laryngology; Public Health, Tuberculosis, and Tropical Medicine; Anaesthesia; Pathology, Bacteriology, Biochemistry, and Experimental Medicine; Orthopaedics and Physical Medicine; Radiology and Radiotherapy; Dermatology and Industrial Medicine; and Neurology and Psychiatry. The names and addresses of the honorary local secretaries, from whom application forms for membership may be obtained, are: *New South Wales*, Dr. K. B. Noad, c/o British Medical Association, 135, Macquarie Street, Sydney; *Queensland*, Dr. Harold Love, Wickham House, Wickham Terrace, Brisbane; *South Australia*, Dr. J. M. Bonnin, 178, North Terrace, Adelaide; *Tasmania*, Dr. J. P. Miliar, 163, Macquarie Street, Hobart; *Victoria*, Dr. Roy F. Watson, 294, Glenferrie Road, Hawthorn, E.2.

#### SOCIETIES AND LECTURES

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pall Mall East, S.W. 1. Thursday, Nov. 6, 5 p.m. Bradshaw Lecture by Dr. Janet Vaughan: The Anaemia Associated with Trauma and Sepsis.

#### ROYAL SOCIETY OF MEDICINE

*Section of Epidemiology and State Medicine.*—Monday, Nov. 3, 4.30 p.m. Paper by Dr. E. A. Underwood: History of Cholera in Great Britain; Major-General Sir John Taylor: Current Problems in Cholera Control; Mr. P. Bruce White: Bacteriological and Immunological Aspects of Cholera.

*Section of Orthopaedics.*—Tuesday, Nov. 4, 5.30 p.m. (Cases at 4.30 p.m.)

*Section of History of Medicine.*—Wednesday, Nov. 5, 2.30 p.m. Paper by Dr. H. P. Bayon: Karl Marx (1818–83), his Aliments and Relations with Medicine.

*Section of Surgery.*—Wednesday, Nov. 5, 8 p.m. Presidential Address by Sir Max Page: Surgical Records. Discussion to be opened by Mr. H. Cotton.

*Section of Neurology.*—Thursday, Nov. 6, 8 p.m. Presidential Address by Dr. C. Worster-Drought: Some Observations on Charcot Arthropathy.

*Section of Otolaryngology.*—Friday, Nov. 7, 10.30 a.m. Presidential Address by Mr. Donald Watson: An Account of the Progress in the Treatment of Mastoid Infection and Some of its Complications.

*Section of Laryngology.*—Friday, Nov. 7, 2.30 p.m. Presidential Address by Mr. A. J. M. Wright: Milestones in Laryngology. Paper by Mr. Ian G. Robin: Snoring.

*Section of Anaesthetics.*—Friday, Nov. 7, 5.30 p.m. Presidential Address by Dr. J. H. T. Challis: The Teaching of Anaesthetics to Medical Students.

BRITISH INSTITUTE OF PHILOSOPHY.—At University Hall, 14, Gordon Square, London, W.C., Friday, Nov. 7, 5.15 p.m. Mr. J. D. Mabbott: World Peace and World Morality.

CHADWICK TRUST.—At London Missionary Society, 42, Broadway, Westminster, S.W. Tuesday, Nov. 4, 2.30 p.m. Dr. C. T. Maitland: Hospitals and Health Services.

FACULTY OF HOMOEOPATHY.—At London Homoeopathic Hospital, Thursday, Nov. 6, 5 p.m. Dr. A. Kellner: Artificial Hazards in Prescribing.

LONDON UNIVERSITY.—At Royal Society of Medicine, 1, Wimpole Street, W., Thursday, Nov. 6, 5 p.m. Semon Lecture by Mr. E. D. D. Davis: Applied Anatomy and Physiology of the Pharynx and Oesophagus.

LONDON: UNIVERSITY COLLEGE, Gower Street, W.C.—Tuesday, Nov. 4, 5.15 p.m. Dr. Bernard Katz: Initiation of Impulses by Electric Stimuli. Wednesday, Nov. 5, 5.30 p.m. Dr. M. H. Pirenne: Physiological Mechanisms of Vision.

ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE, 28, Portland Place, W.—Wednesday, Nov. 5, 3.30 p.m. Mr. Arthur Ling: The Health Factor in Town Planning (illustrated).

ROYAL MEDICAL SOCIETY, 7, Melbourne Place, Edinburgh.—Monday, Nov. 3, 8 p.m. Guest Lecture by Mr. John Gillies: Simpson: A Pioneer of Anaesthesia. Friday, Nov. 7, 8 p.m. Dissertation by Mr. F. Starer: Biochemical Aspects of Growth Control.

#### POSTGRADUATE DIARY

EDINBURGH ROYAL INFIRMARY.—Thursday, Nov. 6, 4.30 p.m. Honyman Gillespie Lecture by Prof. T. F. Marrian: The Corpus Luteum Hormone.

INSTITUTE OF DERMATOLOGY, 5, Lisle Street, Leicester Square, London, W.C.—Tuesday, Nov. 4, 5 p.m. Dr. A. D. Porter: Vitamins in Skin Diseases. Thursday, Nov. 6, 5 p.m. Dr. G. B. Mitchell-Heggs: Erythema-papular and Erythema-squamous Eruptions.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY, 330, Gray's Inn Road, W.C.—Monday, Nov. 3, 2.30 p.m. Miss D. J. Collier: Facial Paralysis. Bell's and other palsies. Nerve grafts. Nerve anastomosis.

LONDON CHEST HOSPITAL, Victoria Park, E.—Friday, Nov. 7, 5 p.m. Dr. R. A. Beaver: Anaesthesia for Thoracotomy.

A lecture and demonstration, with living models, on contraceptive technique, will be given by Dr. Marie Stopes at the Mothers' Clinic, 108, Whitfield Street, London, W., on Thursday, Nov. 6, at 2.30 p.m. Applications to attend must be made in writing to the secretary at the above address.

Prof. J. Lhermitte will deliver a lecture in English on "The Relation of Neurology to Psychiatry" at the National Hospital (Queen Square, London, W.C.) on Friday, Nov. 7, at 4.30 p.m.

#### BIRTHS, MARRIAGES, AND DEATHS

##### BIRTHS

BEATON.—On Oct. 17, 1947, at Dumfries, wife of Dr. Donald R. Beaton, F.R.C.S.Ed., M.R.C.O.G., a daughter.

CODD.—On Sept. 28, 1947, at Southmead Hospital, Bristol, to Isabel Mary (née Wilson), M.B., Ch.B., wife of Dr. William Lawrence Codd, a daughter—Rosemary; a sister for Robert.

MACRAE.—On Oct. 21, 1947, to Dr. and Mrs. J. O. Farquhar Macrae, Church of Scotland Mission, Ichang, China, a daughter—Meriel Fionnla.

MCERVEL.—On Oct. 14, 1947, to Cathleen (née Hardman), wife of Major T. McErvell, R.A.M.C., 21, Meredyth Road, Barnes, a son.

RUSHTON.—On Sept. 20, 1947, at Leeds, to Peggy, wife of Dr. J. Rushton, a son.

##### MARRIAGES

SCRIVENER—COMPTON.—On Oct. 15, 1947, at Chichester, Captair John P. Scrivener, M.B.E., R.A.M.C., to Mrs. Patricia U. Compton.

THOMAS—ANDERSON.—On Oct. 8, 1947, at Northwood Presbyterian Church, Harold Ernest Thomas, M.B., M.R.C.P., to Elizabeth Jean Anderson.

##### DEATHS

CAMPBELL.—On Oct. 17, 1947, at Guildford, Surrey, William Sibbald Campbell, M.D.

CHARLES.—On Oct. 15, 1947, at Stanley, Co. Durham, while out walking, John Charles, M.D., aged 82.

CROUCH.—On Oct. 19, 1947, at the Private Wing, University College Hospital, London, W.C., Harold Armstrong Crouch, O.B.E., M.C., M.R.C.S., L.R.C.P., late R.A.M.C. and Sudan Medical Service.

ELLIOTT.—On Oct. 7, 1947, at the British Military Hospital, Haifa, Palestine, Alexander McKenzie Elliott, M.B., B.Chir.

FAWCUS.—At Hillingdon, Middlesex, Sir Harold Fawcus, K.C.B., C.M.G., D.S.O., D.C.L., M.B., late R.A.M.C., Director-General, Army Medical Services, 1929 to 1934, aged 71.

FOSKETT.—On Oct. 4, 1947, at Karama, New Zealand, Walter Foskett, M.C., M.D., aged 57.

FRENCH.—On Oct. 11, 1947, at Toronto, George William Henry French, M.D., F.R.C.S., late of Hornsey.

GORDON.—On Oct. 25, 1947, George Gordon, M.B., Ch.B., 8, Woodthorpe, Oxford Place, Manchester.

GRANT.—On Oct. 23, 1947, at 44, Southlands Road, Weymouth, John William Geary Grant, F.R.C.S.

HALLIDIE.—On Oct. 19, 1947, Andrew Hallidie Smith Hallidie, F.R.C.S., of The Guildhall, Cambridge, aged 85.

HARTE.—At 103, Botanic Road, Dublin, Thomas Christopher Harte, L.R.C.P. and S.I. and L.M.

HINDHAUGH.—On Oct. 9, 1947, Ernest Arnold Hodgson Hindhaugh, F.R.C.S., aged 42.

HUGHESDON.—On Oct. 17, 1947, Mary Redfern Hughesdon (née Davies), M.B., B.Ch., wife of Dr. P. E. Hughesdon.

LE FEUVRE.—On Oct. 16, 1947, at Kenilworth, Capetown, William Philip Le Feuvre, M.R.C.S., L.R.C.P., aged 88.

LUCAS.—On Oct. 21, 1947, Simon Levy Lucas, M.B., Ch.B.

MACCORMICK.—On Oct. 25, 1947, at Le Val, St. Brelade, Jersey, Sir Alexander MacCormick, K.C.M.G., K.B., M.D., F.R.C.S.

MACLEAN.—On Oct. 17, 1947, at 10, Marius Road, Balham, S.W., Charles Forbes Maclean, M.B., Ch.B.

MASON.—On Oct. 12, 1947, at 61, Lower Baggot Street, Dublin, Henry William Mason, F.R.F.P.S., L.R.C.S.I.

PICKERING.—On Oct. 16, 1947, Harold John Pickering, M.C., L.R.C.P., L.R.C.S.Ed., 48, Canfield Gardens, N.W.

PHILLIPS.—On Oct. 21, 1947, at Davison Children's Home, Danby, North Yorks., Wilfrid Westwood Phillips, M.B., Ch.B., late of St. Margarets, Twickenham.

PINHORN.—On Oct. 22, 1947, at Tunbridge Wells, Richard Pinhorn, M.R.C.S., L.R.C.P., aged 93.

RADCLIFFE.—On Oct. 19, 1947, Frank Radcliffe, M.D., The Grove, Dedham, aged 75.

RIDDOCH.—On Oct. 24, 1947, at the London Hospital, E.1, George Riddoch, M.D., F.R.C.P., aged 58.

STARLING.—On Oct. 18, 1947, Edwin Alfred Starling, M.B., M.Ch., aged 90.

STEVENSON.—On Oct. 16, 1947, in Malta, Surgeon Commander Alec King Stevenson, R.N.