

was to get herself flogged or humiliated, and whose sanctity would seem suspect outside the mental environment of the Middle Ages. Eusapia Palladino, one of the most famous of all physical mediums, is almost as characteristic of this age as the saint was of hers. An unlettered woman of peasant extraction, she puzzled eminent scientists and psychical researchers by the extraordinary nature of the phenomena she could produce. Perhaps in times to come our methods of investigating such phenomena will seem as ill adapted as those of the ecclesiastics who investigated the visions of Johann Jetzer.

The isolated case history can never entirely lose its value for the study of human personality, even though it be largely supplanted by investigations into groups and statistical methods. Apart from its great human interest, Dr. Dingwall's book has the scientific value of bringing to us portraits of very remarkable people described in the setting of their age; this setting often goes far to explain some of their most peculiar qualities.

ELIOT SLATER.

ANALYSES OF FOOD AND DRINK

Bridges' Food and Beverage Analyses. By Marjorie R. Mattice, A.B., Sc.M. Third edition. (Pp. 412. £1 18s. 6d.) London: Henry Kimpton. 1950.

The third edition of this book differs in certain respects from the second, which was published in 1942, and M. A. Bridges is no longer one of the authors. The earlier chapters have been redesigned and improved, but in the main the book follows the same lines as before. The chief tables remain much as they were, but still suffer from the disadvantage that the figures are not given per ounce or even per 100 g. but per portion, and this portion is a variable quantity. These tables are followed by a section on strained foods and chopped or junior foods. Many of these figures seem to have been supplied by the makers. Next come tables about specialized aspects of foods, such as the percentages of "available" carbohydrate, crude fibre, and purines, and lists of foods rich in protein and fat. The acidity of foods and their acid-base balance on metabolism are also listed, and there is a large section on minerals, including "available" iron.

The next part of the book is on the vitamins, and here, as in other parts, the sections are preceded by a description of the nutritional value of the vitamin or mineral with which that section is concerned. The last part of the book deals with alcoholic beverages. There is an addendum about sodium and potassium, the facts in which have been compiled with the aid of the flamephotometer. It is not quite clear why sodium and potassium should not have been included among the list of minerals given earlier, for the data were available before the flamephotometer was thought of. In the latter part of the book figures are not, as a rule, given per portion, but per 100 g.

The work is entirely—or almost entirely—a compilation, and not a highly critical one. But its scope is great, its references and indexing are good, and its value is therefore high. Those in search of information about the composition of the exotic should certainly have it by them. Abalone, Hawaiian algae, patience dock, squabs, St. John's bread (carob bean), and proprietary foods which have never graced the window of an English shop are to be found in this book in great profusion. Many figures which have been compiled by British and Continental authorities are given too, but, for standard fare, tables which have been published nearer home are likely to be of more value.

R. A. McCANCE.

BOOKS RECEIVED

Review is not precluded by notice here of books recently received

Non-Gonococcal Urethritis. By A. H. Harkness, M.R.C.S., L.R.C.P. (Pp. 424. 52s. 6d.) Edinburgh: Livingstone. 1950.

A Textbook of Forensic Pharmacy. By T. Dewar, Ph.D., B.Pharm. 2nd ed. (Pp. 269. 15s.) London: Edward Arnold. 1950.

Aus den Anfangen der Psychoanalyse. By S. Freud. (Pp. 477. 30s.) London: Imago. 1950.

Helpful Hints to the Diabetic. By W. S. Collens, B.S., M.D., and L. C. Boas, A.B., M.D. (Pp. 135. 21s. 6d.) Oxford: Blackwell. 1950.

The Actinomycetes. By S. A. Waksman, Ph.D. (Pp. 230. \$5.) Vol. 9. Waltham, Mass.: Chronica Botanica. London: William Dawson. 1950.

The Compleat Pediatrician. By W. C. Davison, D.Sc., M.D. 6th ed. (Pp. 256. 38s.) London: Cambridge University Press. 1949.

The Medical Register, 1950. Vols. 1 and 2. (Pp. 2,365. £2 3s. the set.) London: Constable. 1950.

The Care of Children from One to Five. By J. Gibbens, M.B., M.R.C.P. 4th ed. (Pp. 204. 5s.) London: Churchill. 1950.

The Essentials of Materia Medica, Pharmacology and Therapeutics. By R. H. Micks, M.D., F.R.C.P.I. 5th ed. (Pp. 438. 21s.) London: Churchill. 1950.

Old Age. By T. H. Howell, M.R.C.P. 2nd ed. (Pp. 108. 10s. 6d.) London: Lewis. 1950.

The Breast: Structure: Function: Disease. Edited by F. D. Saner, M.B., B.Ch., F.R.C.S. (Pp. 316. 45s.) Bristol: John Wright. 1950.

Postgraduate Obstetrics and Gynaecology, 1950. By F. J. Browne, F.R.C.S., F.R.C.O.G. (Pp. 544. 50s.) London: Butterworth. 1950.

Human Desires and their Fulfilment. By K. W. Monsarrat. (Pp. 270. 12s. 6d.) Liverpool: University Press. 1950.

Modern School Hygiene. By R. Gamlin, M.B., D.P.H. 14th ed. (Pp. 480. 12s. 6d.) London: James Nisbet. 1950.

On Not Being Able to Paint. By J. Field. (Pp. 173. 10s. 6d.) London: William Heinemann. 1950.

The Human Species. By A. Barnett. (Pp. 280. 18s.) London: Macgibbon and Kee. 1950.

Malignant Disease and its Treatment by Radium. By Sir S. Cade, K.B.E., C.B., F.R.C.S., M.R.C.P. Foreword by Sir E. Rock Carling, F.R.C.P., F.R.C.S., F.F.R. Vol. 3. 2nd ed. (Pp. 446. 52s. 6d.) Bristol: John Wright. 1950.

Studies on Tumour Formation. By the late G. W. de P. Nicholson, M.B., B.Ch. (Pp. 637. 63s.) London: Butterworth. 1950.

Modern Trends in Orthopaedics. Edited by Sir H. Platt, M.S., F.R.C.S. (Pp. 497. 45s.) London: Butterworth. 1950.

Developments in Diphtheria Prophylaxis. By L. B. Holt, M.Sc. (Pp. 181. 42s.) London: William Heinemann. 1950.

Medicine of the Year. Edited by J. B. Youmans, M.D. Second issue. (Pp. 204. 40s.) London: Lippincott. 1950.

You and Your Heart. By H. M. Marvin, M.D., and others. Foreword by P. D. White, M.D. (Pp. 306. \$3.00.) New York: Random House. 1950.

Medical Physics. Edited by O. Glasser, Ph.D., F.A.C.R., and others. Vol. 2. (Pp. 1,227. \$25.00.) Chicago, Illinois: The Year Book Publishers. 1950.

Maternity and Child Welfare Conference

The annual conference on Maternity and Child Welfare, arranged by the National Association for Maternity and Child Welfare, will be held at Friends House, Euston Road, London, N.W., on June 28, 29, and 30, with "The Child and His Environment" as the general theme for discussion. The programme of the conference, which will be opened by the Duchess of Gloucester, is as follows: June 28, 10.45 a.m., papers by Dr. J. A. Fraser Roberts, "Eugenics and the Influence of Heredity"; Dr. Emanuel Miller, "The Fundamental Psychological Needs of the Child"; Professor R. S. Illingworth, "Physical Development in the First Years"; Dr. John Bowlby, "The Parents' Influence for Good or Bad"; Dr. Dorothy Makepeace, "The Child in the Welfare State"; and Mrs. Dermot Morrah, "Failure of Adaptation, or Juvenile Delinquency." 3.30 p.m., reception by the chairman of the London County Council. June 29, 10.15 a.m. to 12.30 p.m., group discussions on the six aspects of the general theme as above. The afternoon will be devoted to visits. June 30, 10.15 a.m., plenary session of the conference at which reports will be received from the six groups, each report to be followed by a general discussion; 4 p.m., address by Mr. J. Chuter Ede, M.P., Secretary of State for Home Affairs. Local health authorities and organizations who have not yet appointed delegates should apply as soon as possible to the secretary of the association, 5, Tavistock Place, London, W.C.1. The Maternity and Child Welfare Group of the Society of Medical Officers of Health will hold a refresher course in London on Saturday and Sunday, July 1 and 2. On July 1 there will be a whole-day clinical meeting at Queen Elizabeth Hospital, Hackney Road, E., and on July 2 a morning meeting on "Health Education in Relation to Maternity and Child Welfare." The registration fee for the course is 10s. 6d. Any delegates to the annual conference on Maternity and Child Welfare who wish to attend should communicate with Dr. K. Hart, 26, Langside Crescent, Southgate, London, N.14.

SOCIETIES AND LECTURES

A fee is charged for attending lectures marked ●. Application should be made first to the institution concerned.

Monday

EDINBURGH UNIVERSITY.—At Physiology Lecture Theatre, University New Buildings, Teviot Place, June 12, 5 p.m., "*Chemistry from Alchemy to Atoms*," by Dr. Douglas Guthrie.
UNIVERSITY COLLEGE (Physiology Theatre), Gower Street, London, W.C.—June 12, 4.45 p.m., "*Genetics and Biochemistry*," by Professor J. B. S. Haldane, F.R.S.

Tuesday

EDINBURGH POSTGRADUATE BOARD FOR MEDICINE.—At Anatomy Lecture Theatre, University New Buildings, Edinburgh, June 13, 5 p.m., "*Bronchial Obstruction*," by Dr. J. G. Scadding.
INSTITUTE OF CARDIOLOGY: NATIONAL HEART HOSPITAL.—At Royal Society of Medicine (Barnes Hall), 1, Wimpole Street, London, W., June 13, 5 p.m., St. Cyres Lecture by Dr. Paul Wood.
INSTITUTE OF DERMATOLOGY, Lisle Street, Leicester Square, London, W.C.—June 13, 5 p.m., "*Collagen*," by Dr. E. J. Moynahan.
INSTITUTE OF NEUROLOGY: NATIONAL HOSPITAL, Queen Square, London, W.C.—June 13, 5 p.m., "*Technique et une methode de repavage des Structures Sous-corticales*," by Dr. Marcel David (Paris).
INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 13, 5.30 p.m., "*Glaucoma*," Sir Stewart Duke-Elder.
MIDDLESEX COUNTY MEDICAL SOCIETY.—At North Middlesex Hospital, Edmonton, London, N., June 13, 3 p.m., general meeting. Short paper: "*Review of One Hundred Laminectomies for Prolapsed Intervertebral Disk*," by Mr. Hedley W. Hall.
PADDINGTON MEDICAL SOCIETY.—At St. Mary's Hospital, London, W., June 13, 8.45 p.m., "*Hypertension*," by Dr. W. D. W. Brooks.
ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 13, 4.15 p.m., "*Contact Lenses*," by Dr. C. G. Kay Sharp.
WRIGHT-FLEMING INSTITUTE OF MICROBIOLOGY, St. Mary's Hospital Medical School, Paddington, W., June 13, 5 p.m., "*Genetic Studies with Influenza Virus*," by Professor F. M. Burnet, F.R.S. (University of Melbourne).

Wednesday

INSTITUTE OF DERMATOLOGY, Lisle Street, Leicester Square, London, W.C.—June 14, 5 p.m., "*Histology*," by Dr. H. Haber.
PHYSICAL SOCIETY: COLOUR GROUP.—At Institute of Ophthalmology, Judd Street, London, W.C., June 14, 5.30 p.m., 53rd science meeting, "*Foveal Colour Sensitivity*," by Dr. L. C. Thomson.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, Lincoln's Inn Fields, London, W.C.—June 14, 5 p.m., "*Development of Normal and Reversed Vision in Transplanted Eyes*," Ophthalmology Lecture by Professor Leon Stone.

ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 14, 5.30 p.m., "*Headaches*," by Mr. L. H. Savin.

ROYAL SANITARY INSTITUTE, 90, Buckingham Palace Road, London, S.W.—June 14, 2.30 p.m. Paper: "*Some Research Problems in the Field of Stored Products Entomology*," by Mr. G. V. B. Herford.

SOUTH WEST LONDON MEDICAL SOCIETY.—At Bolingbroke Hospital, Wandsworth Common, London, S.W., June 14, 8.30 p.m., Bolingbroke Lecture by Mr. Norman C. Lake.

UNIVERSITY COLLEGE (Eugenics Theatre), Gower Street, London, W.C.—June 14, 5 p.m., "*The Genetical Structure of Populations*," Galton Lecture in Eugenics by Professor Sewall Wright (University of Chicago).

Thursday

HONYMAN GILLESPIE LECTURES.—At Anatomy Theatre, University New Buildings, Teviot Place, Edinburgh, June 15, 5 p.m., "*Bronchial Adenoma*," by Mr. Bruce M. Dick.

INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 15, 5.30 p.m., "*Experimental Studies on the Eye, based upon Regeneration of the Neural Retina and the Lens*," by Professor L. Stone (Yale).

ROYAL COLLEGE OF SURGEONS OF ENGLAND, Lincoln's Inn Fields, London, W.C.—June 15, 5 p.m., "*Cutaneous Cancer in Relation to Occupation*," Hunterian Lecture by Professor S. A. Henry.

ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 15, 4.15 p.m., "*Methods of Examination*," by Mr. C. M. Shafto.

ROYAL SOCIETY, Burlington House, Piccadilly, London, W.—June 15, 4.30 p.m., "*The Interaction of Virus and Cell-surface*," Croonian Lecture by Dr. F. M. Burnet, F.R.S.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.—At 26, Portland Place, London, W., June 15, 7.30 p.m., annual general meeting to be followed by ordinary meeting. "*Some Recent Work on Filariasis*," by Dr. Frank Hawking. A discussion will follow.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL, Hyde Park Corner, London, S.W.—June 15, 4.30 p.m., "*Psychiatry*," lecture-demonstration by Sir Paul Mallinson.

Friday

MAIDA VALE HOSPITAL FOR NERVOUS DISEASES MEDICAL SCHOOL, Maida Vale, London, W.—June 16, 5 p.m., *clinical neurological demonstration*, by Dr. Anthony Feiling.

MEDICAL RESEARCH COUNCIL.—At London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, W.C., June 16, 5.15 p.m., "*Clothing and Heat Exchanges in the Human Body*," by Professor A. C. Burton, Ph.D. (University of Western Ontario).

Saturday

BIOCHEMICAL SOCIETY.—At School of Biochemistry, Tennis Court Road, Cambridge, June 17, 11 a.m., 287th meeting. Papers will be read.

BIRTHS, MARRIAGES, AND DEATHS**BIRTHS**

Ball.—On May 24, 1950, at St. Mary's Hospital, Paddington, London, W., to Margaret, wife of J. Donald Ball, M.B., B.S., M.R.C.P., a daughter.
Christie.—On May 24, 1950, at the Florence Nightingale Hospital, London, N.W., to Dr. and Mrs. H. D. Christie, of 20, Richmond Avenue, London, N., a daughter.
Hamilton.—On May 22, 1950, at the London Hospital, to Norah (formerly Tew), wife of Dr. Henry C. Hamilton, a daughter.
Nicolas.—On May 28, 1950, at Liverpool, to Pearl (formerly Gray), wife of Dr. J. C. H. Nicolas, a son.
Williams.—On May 28, 1950, in Nairobi, Kenya, to Philippa Gaffikin, M.B., Ch.B., wife of John G. Williams, a daughter.

MARRIAGE

Lawrence-Arthur.—On June 10, 1950, at St. James, Spanish Place, London, W., Ralph A. A. R. Lawrence, M.B., Ch.B., of Durban, to Miss G. Bronwen Arthur.

DEATHS

Belfrage.—On May 31, 1950, at Tylers Corner, Penn. Bucks, Sydney Henning Belfrage, M.D., aged 78.
Cameron.—On May 26, 1950, at Hove, John Philip Cameron, C.S.I., C.I.E., F.R.C.P.Ed., Colonel, I.M.S., retired, of Garth, Park Avenue, Camberley.
Carver.—On May 30, 1950, Alfred Edward Arthur Carver, M.D., D.P.M., D.P.H., Medical Director, Caldecote Hall, Nuneaton.
Channell.—On May 27, 1950, at Brompton Hospital, Gerald Dalton Channell, M.B., F.R.C.S., of Knebworth, Herts.
Cumming.—On May 28, 1950, at Blackburn and East Lancs Royal Infirmary, John Keith Cumming, M.B., Ch.B., of Great Harwood, Lancs.
Daniels.—On May 24, 1950, at Nottingham Hospital, Davis Woodcock Daniels, M.D., F.R.C.S., of High Oakham Drive, Mansfield, Notts.
Guy.—On May 28, 1950, at 11, Wemyss Place, Edinburgh, William Guy, L.D., F.R.C.S.Ed., H.D.D., F.D.S. R.C.S.(Hon.), aged 90.
Holman.—On May 29, 1950, in hospital, Winifred Frances Holman, M.B., B.Chir., of 14, Queen's Road, Belmont, Surrey, aged 35.
Holmes.—On May 26, 1950, at 116, Mayfield Road, St. Annes-on-Sea, Lancs, Francis Bernard Greame Holmes, M.B., Ch.B.
Jones.—On June 4, 1950, at 17, Manor Road, Folkestone, Philip William Ewart Jones, M.R.C.S., L.R.C.P.
Lewis.—On May 26, 1950, Harold Warburton Lewis, M.B., B.S., of The Chestnuts, Newbury, Berks.