

possible the items are behaviourally orientated, and inference is reduced to a minimum.

For the purpose of scoring the items are arranged into groups or syndromes. These syndromes represent probably the weakest point of the scales, because they were arrived at by means of a kind of visual cluster analysis which is manifestly inferior to more orthodox procedures, although Dr. Stott, for some reasons which are not obvious, appears to consider it superior. The original data are not given, so that the reader cannot judge as to the adequacy of the analysis. In spite of this very serious shortcoming, which affects the method of scoring used for the guides, these may nevertheless be useful for research purposes in the hands of investigators who have sufficient statistical knowledge to use their own results for deriving proper scoring categories.

H. J. EYSENCK.

BOOKS RECEIVED

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

- International Review of Neurobiology.** Volume I. Edited by Carl C. Pfeiffer and John R. Smythies, with 14 Associate Editors. (Pp. 383+xii; illustrated. \$10.) New York and London: Academic Press. 1959.
- Accouchement "Sans Douleur" au Point de Vue Psychiatrique.** By Anne Melotte-Athmer. (Pp. 118.) Brussels, Turnhout: Brepols. 1959.
- Recent Advances in Public Health.** By J. L. Burn, M.D., D.Hy., D.P.H. Second edition. (Pp. 370+xi; illustrated. 40s.) London: J. and A. Churchill, Ltd. 1959.
- Recent Advances in Surgery.** Edited by Selwyn Taylor, D.M., M.Ch., F.R.C.S. Fifth edition. (Pp. 500+xiv; illustrated. 60s.) London: J. and A. Churchill, Ltd. 1959.
- The Student and Mental Health. An International View.** Proceedings of the First International Conference on Student Mental Health, Princeton, N.J., September 5-15, 1956. Edited by Daniel H. Funkenstein, M.D., assisted by Stella B. Hanau, A.B., and George H. Wilkie, M.D. (Pp. 495+xxv. 35s.) London: H. K. Lewis and Co., Ltd., for the World Federation for Mental Health. 1959.
- Data for Biochemical Research.** Edited by R. M. C. Dawson, Daphne C. Elliott, W. H. Elliott, and K. M. Jones. (Pp. 299+xiii. 63s.) London: Clarendon Press, Oxford University Press. 1959.
- The Diabetic Life: Its Control by Diet and Insulin and Oral Treatment by Sulphonyl-Ureas. A Concise Practical Manual.** By R. D. Lawrence, M.A., M.D., F.R.C.P.(Lond.). Sixteenth edition. (Pp. 230+x; illustrated. 15s.) London: J. and A. Churchill, Ltd. 1960.
- Bibliography of Cancer Produced by Pure Chemical Compounds. A Survey of the Literature up to and Including 1947.** By Otto Neubauer, M.D. (Pp. 604+xxvii. 42s.) London: Clarendon Press, Oxford University Press. 1959.
- The Central Nervous System and Behavior.** Transactions of the Second Conference, February 22-25, 1959, Princeton, N.J. Edited by Mary A. B. Brazier, Ph.D. (Pp. 358; illustrated. \$4.75.) New York: Josiah Macy Jr. Foundation. Washington, D.C.: National Science Foundation. 1959.
- Fluoridation. Errors and Omissions in Experimental Trials.** By Philip R. N. Sutton, D.D.Sc.(Melb.), L.D.S.(Vic.). (Pp. 83+vii. 8s. 6d.) Melbourne: University of Melbourne Press. London: Cambridge University Press. 1959.
- British Surgical Practice. Surgical Progress 1959.** General editors: Sir Ernest Rock Carling, LL.D., F.R.C.S., F.R.C.P., F.F.R., and Sir James Paterson Ross, K.C.V.O., LL.D., M.S., F.R.C.S., F.R.C.S.Ed., F.R.A.C.S., F.A.C.S., F.F.R. (Pp. 391+90+ix; illustrated. 52s. 6d.) London: Butterworth and Co. (Publishers) Ltd. 1959.
- Mental Health Problems of Automation.** Report of a Study Group. (Pp. 30. 1s. 9d.) Geneva: World Health Organization. London: H.M. Stationery Office. 1959.
- Documenta. Ophthalmologica. Advances in Ophthalmology.** Edited by G. von Bahr, G. B. Bietti, J. ten Doesschate, H. Fischer-von Büna, J. Francois, H. Goldmann, H. K. Müller, Jean Nordmann, A. J. Schaeffer, and Arnold Sorsby. Volume XIII. (Pp. 515+xii; illustrated. Guilders 75.) The Hague: Dr. W. Junk. 1959.
- Water Supply for Rural Areas and Small Communities.** By Edmund G. Wagner and J. N. Lanoix. (Pp. 337; illustrated. 35s.) Geneva: World Health Organization. London: H.M. Stationery Office. 1959.
- Medical Aspects of Amateur Boxing.** (Pp. 64. 2s. 6d.) London: London Amateur Boxing Association. 1959.
- On the Threshold of Delinquency.** By John Barron Mays, M.A. (Pp. 243+x. 25s.) Liverpool: Liverpool University Press. 1959.
- Acute Cardiac Pulmonary Edema.** By Sigmund Wassermann, M.D. (Pp. 123+x. 34s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Proceedings of a Symposium on Immunization in Childhood.** Held in the Wellcome Building, London, May 4-6, 1959. (Pp. 139. 17s. 6d.) Edinburgh and London: E. and S. Livingstone, Ltd. 1960.
- Fundamental Techniques of Plastic Surgery and their Surgical Applications.** By Ian A. McGregor, M.B., F.R.C.S.(Eng.), F.R.F.P.S.(Glas.). (Pp. 244+viii; illustrated. 30s.) Edinburgh and London: E. and S. Livingstone, Ltd. 1960.
- Therapeutic Nutrition With Tube Feeding.** By Morton D. Pareira, M.D. (Pp. 58+vii; illustrated. 30s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Morality and the Homosexual. A Catholic Approach to a Moral Problem.** By Rev. Michael J. Buckley, D.D. (Pp. 214+xxv. 16s.) London: Sands and Co. (Publishers) Ltd. 1959.
- Chemicals, Drugs, and Health.** By John H. Foulger, M.D., Ph.D. (Pp. 102+viii. 34s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Electrical Impedance Plethysmography. The Electrical Resistive Measure of the Blood Pulse Volume, Peripheral and Central Blood Flow.** By Jan Nyboer, D.Sc., M.D. (Pp. 243+xvii; illustrated. 60s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Metabolic Aspects of Renal Function.** By William D. Lotspeich, M.D. (Pp. 214+xiv; illustrated. 60s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Proceedings of the Fourth International Congress of Biochemistry, Vienna, September 1-6, 1958.** General Editor: O. Hoffmann-Ostenhof. Volume XIII. *Colloquia.* Edited by H. Chantrenne, K. S. Dodgson, O. Hayaishi, Sir H. A. Krebs, E. E. Snell, P. K. Stumpf, G. Toennies, and O. F. Schwarz. (Pp. 474+xiv; illustrated. £5.) London, New York, Paris, Los Angeles: Pergamon Press for the Organizers and the International Union of Biochemistry. 1959.
- Disturbances in Gastrointestinal Motility: Diarrhea, Constipation, Biliary Dysfunction.** Edited by J. Alfred Rider, M.D., Ph.D., and Hugo C. Moeller, M.D., Ph.D. (Pp. 387+xiv; illustrated. £5 4s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Sexual Impotence in the Male.** By Leonard Paul Wershub, M.D., F.A.C.S., F.I.C.S. Foreword by Ralph E. Snyder, M.D. (Pp. 126+xiii; illustrated; 46s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- May and Worth's Manual of Diseases of the Eye.** By T. Keith Lyle, C.B.E., M.A., M.D., M.Chir.(Cantab.), M.R.C.P.(Lond.), F.R.C.S.(Eng.), and A. G. Cross, M.A., M.D.(Cantab.), F.R.C.S.(Eng.). Twelfth edition. (Pp. 748+xii; illustrated. 45s.) London: Baillière, Tindall and Cox. 1959.
- Alcoholism. An Interdisciplinary Approach.** Proceedings of the First Annual Conference on Community Mental Health, Social Science Institute, Washington University, 1959. Edited by David J. Pittman, Ph.D. (Pp. 96+xviii. 30s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.
- Radiologic Examination of the Small Intestine.** By Ross Golden, M.D. Second edition. (Pp. 560+xxv; illustrated £11 8s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.

architect of Building Research Station), March 8, 6 p.m., Royal Institute of British Architects, 66, Portland Place, London, W.1. Members of the medical profession are invited to be present.

Ileostomy Association, Scottish Division.—Annual general meeting, March 12, 2.30–5 p.m., at the Scottish Tourist Board Hall, Rutland Place, Edinburgh. Details from the Secretary, 7, Randolph Cliff, Edinburgh.

British Council for Rehabilitation.—Course and conference in conjunction with the University of St. Andrews, at Queen's College, Dundee, March 29 to 31: "Rehabilitation—Its Industrial and Social Implications." Details from the general secretary of the Council, Tavistock House (South), Tavistock Square, London, W.C.1. (Euston 4037/8.)

Faculty of Radiologists.—Courses for candidates for the D.M.R.D. and D.M.R.T. (R.C.P. Lond., R.C.S. Eng.) starting in October, 1960, are now being organized by the Faculty of Radiologists. For details see *Journal*, advertisement p. 68.

SOCIETIES AND LECTURES

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

Sunday, February 21

CAMBRIDGE UNIVERSITY MEDICAL SCHOOL.—At Radiotherapeutic Centre, Addenbrooke's Hospital, postgraduate course for general practitioners, 2 p.m., Some Neurological Cases; 2.45 p.m., Dr. C. J. Earl: Nutritional Disorders of the Nervous System; 3.45 p.m., Mr. W. S. Foulds: Some Ocular Signs of Neurological Significance; 4.30 p.m., Dr. M. F. T. Yealland: Some Aspects of Epilepsy with Reference to the Electroencephalograph.

Monday, February 22

GUY'S HOSPITAL: PHYSIOLOGY THEATRE.—5.30 p.m., endocrine demonstration: Diabetes Mellitus.

HUNTERIAN SOCIETY.—At Mansion House, 8.30 p.m., Hunterian Oration by Mr. C. Robert Rudolf: New Light on William Clift and His Contemporaries.

MANCHESTER MEDICAL SOCIETY.—(1) SECTION OF ODONTOLOGY: At Lecture Room, Dental Hospital, 4.30 for 5 p.m., Mr. H. Allred: An Aspect of the Morphology of Human Dentine. (2) SECTION OF GENERAL PRACTICE: At Large Anatomy Theatre, Manchester University Medical School, 8.30 for 9 p.m., Dr. M. C. G. Israëls: Pitfalls in the Diagnosis and Management of Blood Diseases.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Dr. B. Ackner: Attempted Suicide.

Tuesday, February 23

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. W. R. S. Doll: Epidemiological Methods in Leukaemia Research.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. L. Szur: Radiotherapy in Dermatology.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Acoustic Function I.

KEIGHLEY AND DISTRICT MEDICAL SOCIETY.—At General Hospital, Skipton, 8.30 p.m., Dr. S. T. Anning: Treatment of Leg Ulcers.

KENT PAEDIATRIC AND CHILD HEALTH SOCIETY.—At Children's Department, Farnborough Hospital, 8 p.m., Dr. J. M. Tanner: Genetics, Environment, and the Growth of Children.

LEEDS NEUROLOGICAL SCIENCES COLLOQUIUM, 1959-1960.—At Littlewood Hall, General Infirmary at Leeds, 5.15 p.m., Dr. J. A. Sharp: The Rhinencephalon.

LONDON UNIVERSITY.—At Queen Mary College, 1.30 p.m., Dr. Donald Hunter: Historical Perspective in Science and Medicine.

MANCHESTER MEDICAL SOCIETY.—At Large Anatomy Theatre, Manchester University Medical School, 4 for 4.30 p.m., University Lecture on the History of Medicine by Dr. J. N. Mills: "J. S. Haldane."

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Croonian Lecture by Dr. D. E. Denny-Brown: Diseases of the Basal Ganglia and their Relation to Disorders of Movement.

ROYAL SOCIETY OF HEALTH.—At Caxton Hall, Westminster, S.W., 2.30 p.m., discussion to be introduced by Dr. Brendan Moore: Sewage Contamination of Bathing Beaches.

ROYAL STATISTICAL SOCIETY: MEDICAL SECTION.—At Manson Theatre, London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. J. Crooks: Statistical Approach to the Diagnosis and Assessment of Therapeutic Response in Thyroid Disease.

UNIVERSITY COLLEGE LONDON.—At Chemistry Theatre, Gower Street, W.C., 5.30 p.m., Inaugural Lecture by Professor J. A. B. Gray: Place of Physiology in University Education.

WEST END HOSPITAL FOR NEUROLOGY AND NEUROSURGERY.—5.30 p.m., Dr. Colin Edwards: Neurology.

Wednesday, February 24

INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. W. Riddell: Laboratory Diagnosis of Mycotic Lesions.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Dr. Paul Wood: Chronic Constricted Pericarditis.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Acoustic Function II.

INSTITUTE OF UROLOGY.—4.30 for 5 p.m., Mr. A. W. Badenoch: Surgery of Simple Enlargement of the Prostate.

LIVERPOOL SOCIETY OF ANAESTHETISTS.—At Liverpool Medical Institution, 8 p.m., medical papers presented by Registrars.

● **LIVERPOOL UNIVERSITY: DEPARTMENT OF EXTRA-MURAL STUDIES.**—At Medical School, 8 p.m., Dr. W. H. Taylor: Renal Disease—Relation of Symptoms to Biochemical Findings.

MANCHESTER MEDICAL SOCIETY: SECTION OF MEDICINE.—At Large Anatomy Theatre, Manchester University Medical School, 4 for 4.30 p.m., Presidential Address by Dr. R. W. Luxton: The Common Health.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. A. E. Mourant: Significance of Human Blood-group Distribution.

SOCIETY OF CHEMICAL INDUSTRY.—At 14, Belgrave Square, S.W., 6.15 p.m., joint meeting of Food and Microbiology Groups. Subject: New Methods of Factory Hygiene in the Food Industry. Papers by Mr. W. J. Blois-Johnson, B.Sc., and Mr. G. A. Thomas, M.Sc.

Thursday, February 25

BELMONT HOSPITAL CLINICAL SOCIETY.—8 p.m., Dr. Thomas Freeman: On the Psychopathology of Schizophrenia.

BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor Sheila Sherlock: Liver Failure.

INSTITUTE OF DERMATOLOGY.—5.30 p.m., F. Ray Bettley: Lupus Erythematosus.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Vestibular Function I.

LIVERPOOL MEDICAL INSTITUTION.—8 p.m., Mr. D. W. Bracey: Stripped Gastroscopy: A Preliminary Report; Mr. F. C. Dwyer: Hallux Valgus and Rigidus in the Adolescent.

LONDON UNIVERSITY.—At Royal Free Hospital School of Medicine, 5.30 p.m., special university lecture in human anatomy and morphology by Dr. Sybil Cooper: Relations Between the Histology and the Physiology of Muscle Stretch Receptors.

MANCHESTER MEDICAL SOCIETY: SECTION OF ANAESTHETICS.—At Staff House, Manchester University, 7.45 for 8 p.m., Dr. T. Dinsdale, Mr. G. Ashcroft, and Dr. W. Ken Jones: Symposium on Dental Anaesthesia.

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—5 p.m., Croonian Lecture by Dr. D. E. Denny-Brown: Diseases of the Basal Ganglia and Their Relation to Disorders of Movement.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. J. H. Paterson: postgraduate demonstration in neurology.

WESTMINSTER HOSPITAL MEDICAL SCHOOL.—5.30 p.m., clinico-pathological conference. Symposium on Chronic Bronchitis.

Friday, February 26

HEBERDEN SOCIETY.—At Nurses' Recreation Hall, 4 p.m., papers by Dr. Peter S. Davis, Dr. B. G. Parsons-Smith, Mr. J. C. F. Hindenach, Dr. Dr. H. Baron, Dr. George Brown for Dr. F. Dudley Hart, and Dr. O. Savage.

● **INSTITUTE OF DERMATOLOGY.**—5.30 p.m., Dr. B. Russell: clinical demonstration.

INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Sir Clement Price Thomas: clinical demonstration.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Mr. Kenneth McLay: Tests of Vestibular Function II.

INSTITUTE OF NEUROLOGY.—4.30 p.m., Dr. John Foley: Hypertonus and Hyperreflexia.

KENT AND CANTERBURY HOSPITAL.—8 p.m., clinical meeting.

POSTGRADUATE MEDICAL SCHOOL OF LONDON.—(1) 10 a.m., Professor Sheila Sherlock: Diagnosis and Treatment of Portal Hypertension. (2) 4 p.m., Dr. J. A. Fraser Roberts: Medical Genetics II.

ROYAL INSTITUTION.—9 p.m., Professor Alexander Kennedy: The Scientific Lessons of Brainwashing.

Saturday, February 27

CAMBRIDGE UNIVERSITY MEDICAL SCHOOL.—At Addenbrooke's Hospital, Cambridge, postgraduate course for general practitioners. Symposium on Orthopaedics and Physical Medicine. At Lecture Room "B." Morning: 10.30 a.m., Mr. T. J. Fairbank: Children's Feet; 11.30 a.m., Mr. L. W. Godfrey: Synovitis of the Knee; 12.15 p.m., Mr. R. W. Butler: Treatment by Manipulation. Afternoon: 2.30 p.m., Mr. T. J. Fairbank: Brachialgia; 3 p.m., "Any Questions?" ; 4 p.m., Dr. W. A. Fell: Home Management of Rheumatoid Arthritis.

Sunday, February 28

COLLEGE OF GENERAL PRACTITIONERS.—At Littlewood Hall, General Infirmary at Leeds, 11 a.m., Mr. J. Foster: The Glaucoma Problem.

BIRTHS, MARRIAGES, AND DEATHS

BIRTHS

Stone.—On January 28, 1960, at Wanganui, New Zealand, to Barbara Mary (formerly Dana), M.B., B.S., and Arthur Richard Stone, M.R.C.P., M.R.A.C.P.—a son.

DEATHS

Bryan-Brown.—On January 23, 1960, at 12, Cotswold Way, Enfield, Reverend Douglas Stephen Bryan-Brown, M.B., B.Ch., formerly medical missionary in China, aged 72.

Easby.—On January 28, 1960, Mary Lena Easby, M.B., B.Ch., of 172, Wells Road, Bristol.

Gupta.—On June 3, 1959, result of a railway accident, Asok Das Gupta, M.B., B.S.(Patna), of Chowra, Rasta, Jaipur, India.

Hoey.—On January 25, 1960, at 286, Wigan Lane, Wigan, William Hoey, M.B., B.Ch., aged 64.

Lenson.—On January 26, 1960, at Eastern General Hospital, Edinburgh, John George Lenson, M.B., Ch.B.Ed. (1959), of 11, Chollerford Avenue, Whitley Bay, Northumberland.

MacCallum.—On November 22, 1959, in Sydney, Australia, Walter Paton MacCallum, C.B.E., D.S.O., M.C., E.D., F.R.A.C.P.

Mac Feat.—On February 10, 1960, at Bogueaside, Douglas, Lanarkshire, George Mac Feat, O.B.E., M.B., C.M., aged 86.

Meyerhof.—On January 27, 1960, at 20, Watchfield Court, London, W., Karl Meyerhof, L.R.C.P.S.Ed., L.R.F.P.S., aged 68.

Murphy-O'Connor.—On January 17, 1960, at Ardmore, 17, Parkside Road, Reading, Berkshire, Patrick George Murphy-O'Connor, M.B., B.Ch., aged 68.

Pearce.—On January 20, 1960, at Central Middlesex Hospital, Reginald Hickmott Pearce, M.R.C.S., L.R.C.P., of White Walls, Woodland Walk, Ferndown, Dorset.

Pratt.—On January 18, 1960, at Baldersby St. James, Thirsk, Yorks, Thomas Dawson Pratt, M.R.C.S., L.R.C.P., formerly of Ripley Lodge, Wortley, Leeds.

Proctor.—On January 23, 1960, Winifred Mary Proctor, M.B., B.S., of 40, Herne Hill, London, S.E.

Richards.—On January 19, 1960, in a Malvern nursing-home, John Evans Richards, M.B., of 1, Cawl Barn Cottages, Colwall, Worcs, aged 84.

Watt.—On January 5, 1960, at "Strathyre," Nairn, Patrick Mitchell Watt, M.B., Ch.B.

Wilson.—On January 17, 1960, William Frank Wilson, M.B., B.S., of 44, The Drive, Hove, Sussex, aged 79.