

INSTITUTE OF PHYSICS (ELECTRONICS GROUP) (In the small Physics Theatre, Imperial College of Science, Prince Consort Road, South Kensington, London, S.W.7), at 5.30 p.m.—Prof. G. I. Finch, F.R.S.: "Electron Diffraction".

SHEFFIELD METALLURGICAL ASSOCIATION (at 108 West Street, Sheffield 1), at 6.30 p.m.—Dr. L. Northcott and Mr. D. McLean: "The Influence of Centrifugal Casting upon the Structure and Properties of Steel".

### Wednesday, March 7

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. R. F. Wilson: "Colour as a Factor in Industrial Design".

ROYAL SOCIETY OF MEDICINE (at 1 Wimpole Street, London, W.1), at 2.30 p.m.—Mr. Henry W. Robinson: "Robert Hooke and the Importance of his Work in Medicine and Biology".

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON (at 41 Queen's Gate, South Kensington, London, S.W.7), at 3.30 p.m.—Dr. W. E. Ripper: "Recent Advances in the Control of Agricultural Pests".

INSTITUTION OF ELECTRICAL ENGINEERS (RADIO SECTION) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Dr. K. R. Sturley: "Frequency Modulation".

### Thursday, March 8

LINNEAN SOCIETY OF LONDON (joint meeting with the ZOOLOGICAL SOCIETY OF LONDON) (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Mr. G. O. K. Sainsbury: Photograph of a remarkable specimen of *Pseudopanax crassifolium* C. Koch—an Adult Tree with a Reversionary Shoot on the Trunk; at 2.50 p.m.—Prof. J. McLean Thompson: "The Study of Plant-Behaviourism: a Common Meeting-ground for future enquiries by Morphologists, Geneticists, Anatomists, Systematists and Physiologists Alike".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Sir Lawrence Bragg, F.R.S.: "Some Physical Problems of the Solid State".

INSTITUTION OF ELECTRICAL ENGINEERS (INSTALLATIONS SECTION) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. L. S. Atkinson: "Modern Electric Lift Practice".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 6.30 p.m.—Mr. C. G. Woodford: "Electrics for Aircraft".

### Friday, March 9

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 10.30 a.m.—Conference on Surface Finish. (A series of twelve Short Papers in five Groups: Group 1, Physical Aspects; Group 2, Methods of Measurement and Representation; Group 3, Considerations of Rational Specification and Requirement in Surface Finish; Group 4, Production Methods and Results of Modern Practice; Group 5, Effect of Surface Finish on Production.)

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 3.15 p.m.—Annual General Meeting; at 4 p.m.—Mr. S. Ernest Melling: "Water and Water Supplies" (Presidential Address).

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

PHYSICAL SOCIETY (in the Physics Department of the Imperial College, Imperial Institute Road, South Kensington, London, S.W.7), at 5 p.m.—Mr. W. E. Ballard: "The Formation of Metal-sprayed Deposits"; Mr. R. F. Bishop, Mr. R. Hill and Prof. N. F. Mott, F.R.S.: "The Theory of Indentation and Hardness Tests".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—Prof. David Brunt, F.R.S.: "Climate and Human Comfort".

### Saturday, March 10

INSTITUTE OF PHYSICS (SOUTH WALES BRANCH) (in the Physics Department, University College, Swansea), at 2.30 p.m.—Inaugural Meeting. Dr. C. Sykes: "Physics in Metallurgy".\*

## APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

BOROUGH ELECTRICAL ENGINEER—The Town Clerk, Municipal Offices, Town Hall Street, Blackpool (endorsed 'Borough Electrical Engineer') (March 10).

ASSISTANT TEACHER OF MATHEMATICS at the School of Building, East Ham Technical College—The Chief Education Officer, Education Department (T), Town Hall Annexe, Barking Road, East Ham, London, E.6 (March 10).

RESEARCH ENGINEER immediately to organize and control Laboratory and Experimental Department of progressive manufacturing company, situated in N.W. London area—The Ministry of Labour and National Service, Appointments Department, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. C.2482.XA) (March 12).

FOOD AND DRUG ANALYST for service with large Company operating in the Middle East—The Ministry of Labour and National Service, Appointments Department, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. F.2894.XA) (March 12).

TEACHER OF ELECTRICAL ENGINEERING SUBJECTS, a TEACHER OF MECHANICAL ENGINEERING SUBJECTS, a TEACHER OF MATHEMATICS, and a TEACHER OF CHEMISTRY (to teach PHYSICAL and INORGANIC CHEMISTRY to Honours Degree standard)—The Principal, Acton Technical College, High Street, Acton, London, W.3 (March 12).

SENIOR (Reference No. C.2485.A) and JUNIOR (Reference No. C.2486.A) ENGINEERS (mechanical and electrical) to carry out work of national importance in a Government Department (location London)—The Ministry of Labour and National Service, Appointments Department, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting the appropriate Reference No.) (March 16).

SUPERVISORS (PRODUCTION ENGINEERS, 3) for TELEGRAPH WORKSHOPS at Calcutta, Jubbulpore and Bombay, for manufacture of stores connected with Telecommunication Development—The Ministry of Labour and National Service, Appointments Department, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting Reference No. C.2484.A) (March 17).

ADDITIONAL OFFICER for Secretarial and Organizing work (applicants should be chemists with organizing and administrative ability)—The Hon. Secretary and Registrar, British Association of Chemists, 175 Piccadilly, London, W.1 (endorsed 'Additional Officer') (March 31).

GARDEN STEWARD (woman) with responsibility for the upkeep of about 50 acres of gardens and grounds—The Secretary, Girton College, Cambridge (April 10).

MALE TECHNICIAN, with some knowledge of section cutting and staining, for Anatomy Department—The Secretary, Medical School, St. Thomas's Hospital, London, S.E.1.

EDUCATIONAL PSYCHOLOGIST—The Director of Education, County Hall, Kendal, Westmorland.

GRADUATE IN BIOLOGY (candidates must be able to teach CHEMISTRY and PHYSICS in relation to BIOLOGY and HYGIENE) at the Folkestone Day Technical School for Girls—The District Secretary, Kent Education Committee, at the Technical Institute, Ashford, Kent.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Department of Scientific and Industrial Research. Tyroglyphid Mites in Stored Products, 1: A Survey of Published Information, Supplement 1944. By M. E. Solomon. Pp. 8. (London: H.M. Stationery Office, 1944.) 2d. net. [12]

Royal College of Physicians of London: Social and Preventive Medicine Committee. Second Interim Report, January 1945: Industrial Medicine. Pp. 24. (London: Royal College of Physicians, 1945.) [12]

Imperial Bureau of Animal Health. Review Series, No. 2: Modes of Spread of *Streptococcus agalactiae* Infection in Dairy Herds; a Report on Co-ordinated Observations organised by the Agricultural Research Council of the United Kingdom. Pp. iii+27. (Weybridge: Imperial Bureau of Animal Health, 1944.) 3s. [12]

Monographs of the Quekett Microscopical Club. The Discovery of the Uses of Colouring Agents in Biological Micro-Technique. By Dr. John R. Baker. Pp. 22. (London: Williams and Norgate, Ltd., 1945.) 1s. 6d. [22]

British Rubber Producers' Research Association. Publication No. 55: The Structure of Polyisoprenes, Part 2: The Structure of  $\beta$ -Guttapercha. By G. A. Jeffrey. Pp. 4. (London: British Rubber Producers' Research Association, 1944.) [22]

Hannah Dairy Research Institute. List of Publications, 1928-1944. Pp. 16. (Ayr: Hannah Dairy Research Institute, 1944.) [62]

British Electrical and Allied Industries Research Association. Twenty-fourth Annual Report, October 1st, 1943, to September 30th, 1944. Pp. 127. (London: British Electrical and Allied Industries Research Association, 1945.) [72]

### Other Countries

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 180: Studies on Deglutition in Sheep. 1: Observations on the Course taken by Liquids through the Stomach of the Sheep at Various Ages from Birth to Maturity, by R. H. Watson; 2: Observations on the Influence of Copper Salts on the Course taken by Liquids into the Stomach of the Sheep, by R. H. Watson and I. G. Jarrett. Pp. 126+7 plates. Bulletin No. 181: Sheep Blowfly Investigations—The Attractiveness of Sheep for *Lucilia cuprina*. By I. M. Mackerras and M. J. Mackerras. Pp. 44+2 plates. (Melbourne: Government Printer, 1944.) [181]

Government of Travancore. Administration Report of the Government Museum for the Year 1118 M.E. Pp. 8. (Trivandrum: Government Press, 1944.) [241]

South Australia: Department of Mines. Mining Review for the Half-Year ended 31st December 1940. (No. 73.) Pp. 96. Mining Review for the Half-Year ended 30th June 1941. (No. 74.) Pp. 56. Mining Review for the Half-Year ended 30th June 1942. (No. 75.) Pp. 98. Mining Review for the Half-Year ended 31st December 1942. (No. 77.) Pp. 81. Mining Review for the Half-Year ended 30th June 1943. (No. 78.) Pp. 138. Mining Review for the Half-Year ended 31st December 1943. (No. 79.) Pp. 128. (Adelaide: Government Printer, 1941-1944.) [241]

South Australia: Department of Mines, Geological Survey of South Australia, Bulletin No. 19: The Underground Water of the South-Eastern Part of South Australia. By Dr. L. Keith Ward. Pp. 56. Bulletin No. 20: The Structural Control of Ore Deposition in some South Australian Copper Fields. No. 1: A. The Wallaroo-Moonta Field, B. The Dome Rock Copper Mine, C. The Mount Gunson-Pernatty Lagoon District, D. The Burra Burra Mine, E. The Callington-Mantoo District. By S. B. Dickinson. Pp. 99. Bulletin No. 21: The Structural Control of Ore Deposition in some South Australian Copper Fields. No. 2: F. Kapunda Mines, G. Blinman Mine, H. Sliding Rock Mine, I. Lady Lehmann Mine. By S. B. Dickinson. Pp. 6. (Adelaide: Government Printer, 1941-1944.) [241]

Derris Agronomy: an Annotated Bibliography and a Critical Review. By R. E. Moreau. (Reprinted from the *East African Agricultural Journal*.) Pp. 24. (Nairobi: Government Printer, 1944.) [241]