

FORTHCOMING EVENTS

Monday, May 7

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 4 p.m.—Prof. F. Davies: "The Early Development of the Human Embryo" (Arris and Gale Lecture).

SOCIETY OF ENGINEERS (at Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. V. E. Yarsley: "Plastics in Engineering".

ASSOCIATION OF AUSTRIAN ENGINEERS, CHEMISTS AND SCIENTIFIC WORKERS IN GREAT BRITAIN (ELECTRICAL AND MECHANICAL ENGINEERS GROUP) (at the Austrian Centre, 69 Eton Avenue, Hampstead, London, N.W.3), at 7.30 p.m.—Mr. M. Littmann: "Neuere Erkenntnisse über Hartmetall-Schneidwerkzeuge".

Tuesday, May 8

SOCIETY OF CHEMICAL INDUSTRY (CHEMICAL ENGINEERING GROUP) (joint meeting with the INSTITUTION OF CHEMICAL ENGINEERS) (Geological Society, Burlington House, Piccadilly, W.1), at 2.30 p.m.—Mr. L. W. Needham and Mr. S. Lynch: "The Use of Suspensions as Heavy Liquids".

QUEKETT MICROSCOPICAL CLUB (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Mr. F. C. Grigg: "The Mechanics of Chromosome Movements".

Wednesday, May 9

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Dr. F. M. R. Walsh: "The Treatment of Infantile Paralysis".

INSTITUTION OF ELECTRICAL ENGINEERS (TRANSMISSION SECTION) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. J. H. Savage: "Localization of Faults in Low-Voltage Cables, with special reference to Factory Technique".

INSTITUTE OF PETROLEUM (at 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. Alan D. Maclean: "Code of Electrical Practice for the Petroleum Industry".

Thursday, May 10

LINNEAN SOCIETY (joint meeting with the ZOOLOGICAL SOCIETY) (at Linnean Society, Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Miss E. M. Brown and Miss M. F. Sutton: "Observations on the Population of some Emergency Water Supply Tanks, with a Description of the Life-History of *Corixa panzeri* (Hemiptera Heteroptera)"; Dr. R. S. de Ropp: "Plant Tissue Culture; its Application in Botanical Research"; Mr. I. H. Burkill: "Flies of the Family Empididae and Other Insect-Visitors to the Flowers of *Tamus communis*"; Mr. A. L. Poole: "An Indigenous Induced *Phormium tenax* Forst. Swamp in New Zealand".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Annual General Meeting.

Friday, May 11

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

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—Sir Lawrence Bragg, F.R.S.: "X-Ray Analysis—Past, Present and Future".

INSTITUTION OF MECHANICAL ENGINEERS (joint meeting with the HYDRAULICS GROUP and the MANUFACTURE GROUP) (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. F. H. Towler: "The Modern Direct-Hydraulic System".

Saturday, May 12

INSTITUTION OF THE RUBBER INDUSTRY (MIDLAND SECTION) (Imperial Hotel, Birmingham), at 10 a.m. and 2 p.m.—Symposium on "The Physical and Chemical Breakdown of Rubber".

INSTITUTE OF PHYSICS (SOUTH WALES BRANCH) (in the Physics Department, University College, Cathays Park, Cardiff), at 2.30 p.m.—Prof. W. V. Mayneord: "The Use of Infra-Red Radiation in Medicine".

INSTITUTION OF MECHANICAL ENGINEERS (GRADUATE SECTION) (at Storey's Gate, St. James's Park, London, S.W.1), at 3.30 p.m.—Annual General Meeting. Mr. Peter Mascfield: "The Developments in the Design of Military Aircraft between 1918 and 1944".

APPOINTMENTS VACANT

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

SENIOR LECTURER IN MATHEMATICS—The Principal, Royal Holloway College, Englefield Green, Surrey (May 8).

WORKS MANAGER to control works in Surrey engaged on PRECISION INSTRUMENT PRODUCTION—The Ministry of Labour and National Service, Central (T. and S.) Register, Room 5/17, Sardinia Street, London, W.C.2 (quoting C.2582.XA.) (May 8).

CONSULTANT TO TIMBER RESEARCH LABORATORY, Transvaal Chamber of Mines, Johannesburg—The Ministry of Labour and National Service, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting F.3959.XA.) (May 10).

TEACHER IN BIOLOGY—The Director of Education, Polytechnic, 309 Regent Street, London, W.1 (May 10).

AN ENTOMOLOGIST (Reference No. F.3966.A) and a BOTANIST (Reference No. F.3965.A) for the Government of Iraq—The Ministry of Labour and National Service, Central (T. and S.) Register, Room 5/17, Sardinia Street, Kingsway, London, W.C.2 (quoting the appropriate Reference No.) (May 11).

TEACHERS OF MATHEMATICS, of ENGINEERING SUBJECTS and of HANDICRAFT AND DRAWING, at the Luton Technical College—The Director of Education, Shire Hall, Bedford (May 11).

TEACHER OF MINING SUBJECTS at Doncaster Technical College—The Chief Education Officer, Education Offices, Doncaster (May 12).

ASSISTANT IN ADVISORY ECONOMIC SECTION (AGRICULTURAL), Leeds—The Registrar, University, Leeds (May 14).

LECTURER IN MECHANICAL ENGINEERING at Norwich City College—The Director of Education, City Hall, Norwich (May 14).

PRINCIPAL OF LISBURN TECHNICAL SCHOOL—The Secretary, Castle Chambers, Lisburn, Co. Antrim (May 14).

TEACHER OF CHEMISTRY, with special knowledge of Physical and Inorganic Chemistry, at Lancaster Technical College—The Divisional Education Officer, Education Office, High Street House, Lancaster (May 16).

DEMONSTRATOR IN PHYSIOLOGY—The Warden and Secretary, London (Royal Free Hospital) School of Medicine for Women (May 19).

LECTURER IN SOCIOLOGY at the South-West Essex Technical College—The Chief Education Officer, County Offices, Chelmsford (May 19).

PRINCIPAL OF D R WEN TECHNICAL SCHOOL—The Education Officer, Darwen, Lancs. (May 31).

ENGINEER TO THE CLYDE NAVIGATION TRUST—The General Manager and Secretary, Clyde Navigation Trust, 16 Robertson Street, Glasgow, C.2 (marked 'Engineer') (May 31).

ASSISTANT LECTURER and also LECTURER IN GEOGRAPHY—The Secretary, University, Birmingham 3 (June 2).

DIRECTOR OF THE ROWETT RESEARCH INSTITUTE—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire (June 18).

LECTURER IN SOCIAL ANTHROPOLOGY—The Secretary, University of Edinburgh (Sept. 30).

ASSISTANT LIBRARIAN—The Secretary, University, Aberdeen.

LECTURER IN BACTERIOLOGY—The Principal, Studley Agricultural College.

RESEARCH STAFF—The Director of Research, British Cotton Industry Research Association, Shirley Institute, Didsbury, Manchester, 20.

LECTURER IN MINING at St. Helens Municipal Technical College—The Director of Education, Education Office, St. Helens, Lancs.

TEACHER OF ENGINEERING at the Crewe Technical College—The Director of Education, County Education Offices, City Road, Chester.

ASSISTANT IN THE CIVIL AND MECHANICAL ENGINEERING DEPARTMENT, in the Portsmouth Municipal College—The Chief Education Officer.

LECTURER IN EDUCATION, with special qualifications in the methods of teaching Science—The Secretary, University, Birmingham, 3.

LECTURER IN BIOLOGY at Stockwell College, Bromley—The Principal, temporarily at Watcombe Park, St. Marychurch, Torquay.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Proceedings of the Royal Irish Academy. Vol. 50, Section B, No. 9: The Male Genitalia of the British Stigmellidae (Nepticulidae) (Lep.). By Dr. Bryan P. Beirne. Pp. 181-218. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd., 1945.) 2s.

University of London: University College. Annual Report, February 1944—February 1945. Pp. 44. (London: Taylor and Francis, Ltd., 1945.)

London Shellac Research Bureau. Abstracts bearing on Shellac Research Literature for the period 1st January to 31st December 1944. Pp. ii+6+vi. Bulletin No. 7: Determination of Volatile Matter in Lac. By Dr. B. S. Gidvani and N. R. Kamath. Pp. 24. Technical Paper No. 26: A Process for the Manufacture of Dewaxed Lac. By Dr. B. S. Gidvani and N. R. Kamath. Pp. 26. Technical Paper No. 27: Lac-Ethyl Cellulose Lacquers. By N. R. Kamath and Dr. B. S. Gidvani. Pp. 24. (London: London Shellac Research Bureau, 1945.)

Penicillin. Pp. 32+4 plates. (London: Therapeutic Research Corporation of Great Britain, Ltd., 1945.)

Imperial Cancer Research Fund. Forty-second Annual Report, 1944-1945. Pp. 32. (London: Royal College of Surgeons, 1945.)

Other Countries

Nigeria. Annual Report on the Forest Administration of Nigeria for the Year 1943. Pp. 36. (Lagos: Government Printer; London: Crown Agents for the Colonies, 1945.) 2s.

Brooklyn Botanic Garden Record. Vol. 33, No. 4: Supplement to the Thirty-third Annual Report of the Brooklyn Botanic Garden, January 1—June 30, 1944. Pp. viii+195-236. (Brooklyn, N.Y.: Brooklyn Institute of Arts and Sciences, 1944.)

U.S. Department of Agriculture. Circular No. 717: Chemical Impregnation of Trees and Poles for Wood Preservation. By B. H. Wilford. Pp. 30. (Washington, D.C.: Government Printing Office, 1944.) 10 cents.

University of Illinois: Engineering Experiment Station. Bulletin Series No. 352: Impact on Railway Bridges. By Charles T. G. Looney. Pp. 128. 1 dollar. Bulletin Series No. 354: The Viscosity of Gases at High Pressures. By Edward W. Cummings, Bertrand J. Mayland and Richard S. Egly. Pp. 68. 75 cents. Bulletin Series No. 355: Fuel Savings resulting from Use of Insulation and Storm Windows. By Alonzo P. Kratz and Seichi Konzo. Pp. 40. 40 cents. Bulletin Series No. 356: Heat Emission and Friction Heads of Hot-Water Radiators and Convectors. By Frederick E. Giesecke and Alonzo P. Kratz. Pp. 52. 50 cents. Circular Series No. 49: The Drainage of Airports. By W. W. Horner. Pp. 48. 50 cents. (Urbana, Ill.: University of Illinois Engineering Experiment Station, 1944, 1945.)