

## FORTHCOMING EVENTS

(Meetings marked with an asterisk \* are open to the public)

## Tuesday, April 23

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (at the Royal College of Science, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—"How Chemistry helps the Stock-breeder".

## Wednesday, April 24

INSTITUTE OF WELDING (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Major R. J. Fowler and Major L. F. Denaro: "The Evolution of Welded Armoured Fighting Vehicles".

ROYAL STATISTICAL SOCIETY, BIRMINGHAM AND DISTRICT GROUP OF THE INDUSTRIAL APPLICATIONS SECTION (at the University, Edmund Street, Birmingham 3), at 6.30 p.m.—Mr. W. A. Bennett: "Quality Control Economics".

SOCIETY FOR VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—"The Scientific Life: its Motivation, Nature and Rewards" (First Meeting). (Speakers: Dr. D. G. Christopherson, Sir Thomas Merton and Dr. A. C. B. Lovell.)

## Thursday, April 25

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 3 p.m.—Dr. J. C. P. Miller: "The Summation of Awkward Series".

INSTITUTION OF ELECTRICAL ENGINEERS (at Kingsway Hall, Kingsway, London, W.C.2), at 6 p.m.—Prof. M. L. Oliphant, F.R.S.: "Nuclear Physics and the Future" (Thirty-seventh Kelvin Lecture).

## Friday, April 26

PHYSICAL SOCIETY, OPTICAL GROUP (at the Imperial College of Science, Imperial Institute Road, London, S.W.7), at 3.15 p.m.—Dr. C. R. Burch, F.R.S.: "Schwarzschild-Ritchey-Chretien Reflecting Microscopes"; Messrs. F. T. Bannister, W. J. Bates and C. R. Burch, F.R.S.: "A Lenouvel Interferometer".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Geophysical Discussion on "Tropical Meteorology" (to be opened by Dr. A. G. Forsdyke).\*

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting of the MEASUREMENTS SECTION with the INTERNAL COMBUSTION ENGINE GROUP OF THE INSTITUTION OF MECHANICAL ENGINEERS, at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. F. R. F. Ramsay and Mr. W. Nethercot: "Engine Ignition Faults and a New Method of Diagnosis and Location during Running".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Newcastle-upon-Tyne), at 6 p.m.—Mr. W. Muckle: "Application of Light Alloys to Superstructure of Ships".

INSTITUTE OF PHYSICS, MANCHESTER AND DISTRICT BRANCH (in the large Physics Theatre, The University, Manchester), at 6.30 p.m.—Annual General Meeting. Mr. A. J. Maddock: "Dielectric Heating".

## Wednesday, April 24—Friday, April 26

FARADAY SOCIETY (in the Department of Physics, The University, Woodland Road, Bristol).—Discussion on "Dielectrics". (On April 24 at 2.15 p.m.; on April 25 at 10 a.m. and 2.15 p.m.; on April 26 at 10 a.m.)

## APPOINTMENTS VACANT

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

LECTURER IN ELECTRICAL ENGINEERING—The Secretary, Northampton Polytechnic, St. John Street, London, E.C.1 (April 27).

RESEARCH ASSISTANTS (2) IN ECONOMICS—The Registrar, The University, Manchester 13 (April 30).

ASSISTANT PHYSICIST IN THE RADIOTHERAPY DEPARTMENT—The House Governor and Secretary, Royal South Hants and Southampton Hospital, Southampton (April 30).

LECTURER IN MATHEMATICS—The Registrar, Queen Mary College, Mile End Road, London, E.1 (May 1).

LECTURER IN PARASITOLOGY, and two ASSISTANT LECTURERS IN CHEMISTRY—The Secretary and Registrar, The University, Bristol (May 3).

GRADUATE LECTURER IN CHEMISTRY, a GRADUATE LECTURER IN ELECTRICAL ENGINEERING, and a TEACHER IN MECHANICAL ENGINEERING able to teach Production Engineering Subjects, at the Norwich City College and Art School—The Director of Education, City Hall, Norwich (May 4).

LECTURER for full-time Senior Courses in STRUCTURAL ENGINEERING at the Brixton School of Building—The Education Officer (T.1), County Hall, London, S.E.1 (May 6).

LECTURER IN PHYSICS—The Principal, Technical College, Kingston-upon-Thames, Surrey (May 6).

ENGINEER—The Clerk to the Upper Medway Internal Drainage Board, 71a Bank Street, Maidstone, Kent (May 6).

READERSHIP IN CHEMISTRY tenable at Bedford College—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 7).

LECTURER (Grade II), with qualifications mainly in Physical Geography, and an ASSISTANT LECTURER (Grade III), IN THE DEPARTMENT OF GEOGRAPHY—The Registrar, The University, Liverpool (May 15).

ASSISTANT LECTURER IN BOTANY—The Registrar, The University, Reading (May 15).

ADVISER IN AGRICULTURAL ECONOMICS—The Registrar, The University, Manchester 13 (May 18).

SPEECH THERAPIST—The County Medical Officer of Health, County Health Office, College Hill, Shrewsbury (May 18).

BACTERIOLOGIST—The Secretary, Charing Cross Hospital Medical School, 62 Chandos Place, London, W.C.2 (May 22).

ASSISTANT LECTURER IN PURE MATHEMATICS, an ASSISTANT LECTURER IN APPLIED MATHEMATICS, and a READER IN STATISTICS—The Registrar, The University, Leeds 2 (May 22).

ESTABLISHED POSTS in London for men and women who have specialist knowledge or research experience in one of the following subjects: Geography, Geology, Economic and Statistical Analysis, Industrial or Market Research—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting 'JB' (May 31).

DIRECTOR (Professor) of THE RESEARCH LABORATORY IN ZOOLOGY, and an ASSISTANT REGISTRAR—The Registrar, University of Madras, Chepauk, Triplicane, India (by airmail, May 31).

CHAIR OF BACTERIOLOGY tenable at St. Thomas's Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 31).

METALLURGISTS (2, graduates or equivalent standard) as Technical Secretaries to a group of light alloy committees and a group of ferrous metallurgical committees respectively, a qualified METALLURGIIST experienced in the manufacture, processing or fabrication of light alloys, a RESEARCH METALLURGIIST (of degree or equivalent standard) to undertake research work on welding problems connected with steel, and JUNIOR METALLURGIISTS (of degree or equivalent standard) for work on steel and light alloys—The Director of Research, British Welding Research Association, 29 Park Crescent, London, W.1.

FISH CULTURE EXPERT by the Iraqi Government—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.N.14573.

TEACHER OF SCIENCE in the Engineering Department of the Burton-upon-Trent Technical Institute—The Secretary and Director of Education, Education Offices, Guild Street, Burton-upon-Trent.

LECTURER IN PHYSIOLOGY in the Department of Pharmacy and Biology—The Principal, Birmingham Central Technical College, Suffolk Street, Birmingham 1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Memoirs of the Cotton Research Station, Trinidad. Series A: Genetics, No. 24 (i) Colchicine-produced Polyloids in *Gossypium* (2) Old World Triploid Hybrids; (ii) A Genetic Survey of the Leaf Shape in New World Cottons—a Problem in Critical Identification of Alleles; (iii) The Modifier Concept—a Developmental Analysis of Leaf-shape 'Modification' in New World Cottons; (iv) Canalization of Gene Action in the *Gossypium* Leaf-shape System and its Bearing on Certain Evolutionary Mechanisms. By S. G. Stephens. Pp. 56. 2s. *cd.* Series A: Genetics, No. 25: The Sea Island Cottons. By J. B. Hutchinson and H. L. Manning. Pp. 13. 2s. *cd.* (London: Empire Cotton Growing Corporation, 1945.) [1810]

Ministry of Agriculture and Fisheries. Bulletin No. 9: Bee-Keeping. By Dr. C. G. Butler. Pp. 27. (London: H.M. Stationery Office, 1945.) 9d. net. [1810]

Imperial Bureau of Horticulture and Plantation Crops. Technical Communication No. 15: Spring Frost Damage in Orchards and its possible Prevention. Pp. 22. (East Malling: Imperial Bureau of Horticulture and Plantation Crops, 1945.) 1s. *cd.* [1810]

## Other Countries

Department of Public Instruction, Technical Education Branch: New South Wales. Curator's Annual Report of the Technological Museum for the Year ended 31st December 1944. Pp. 2. (Sydney: Government Printer, 1945.) [69]

South African Journal of Science. Vol. 61: Being the Report of the Forty-second Annual Meeting of the South African Association for the Advancement of Science. Johannesburg 1944. Pp. xviii+556. (Johannesburg: South African Association for the Advancement of Science, 1945.) 30s. net. [69]

Smithsonian Miscellaneous Collections. Vol. 104, No. 13: Correlation of Solar Variation with Washington Weather. By C. G. Abbot. (Publication 3807.) Pp. ii+10. (Washington, D.C.: Smithsonian Institution, 1945.) [69]

Bulletin of the American Museum of Natural History. Vol. 83, Art. 7: The Neotropical Genus *Syntermes* (Isoptera: Termitidae). By Alfred E. Emerson. Pp. 427-472. (New York: American Museum of Natural History, 1945.) [69]

Bulletin of the Madras Government Museum. New Series, General Section, Vol. 5, No. 1: Iravas and Culture Change. By Dr. A. Aiyappan. Pp. viii+204+12 plates. (Madras: Government Press, 1944.) 16.10 rupees. [69]

Carnegie Institution of Washington: Department of Terrestrial Magnetism. Scientific Results of Cruise VII of the *Carnegie* during 1928-1929 under Command of Capt. J. P. Ault. Oceanography, 1-B: Observations and Results in Physical Oceanography; Graphical and Tabular Summaries. By J. A. Fleming, C. C. Ennis, H. U. Sverdrup, S. L. Seaton and W. C. Hendrip. (Publication 545.) Pp. iv+315. (Washington, D.C.: Carnegie Institution, 1945.) 1.50 dollars. [1810]

Memoirs of the Numismatic Society of India, No. 1: The Technique of Casting Coins in Ancient India. By Prof. Birbal Sahni. Pp. iii+68+7 plates. (Bombay: Numismatic Society of India, Prince of Wales Museum, 1945.) [1810]

South African Institute for Medical Research. Annual Report for the Year 1944. Pp. 48. (Johannesburg: South African Institute for Medical Research, 1945.) [1810]

Meddelanden från Oceanografiska Institutet i Göteborg. 7: Iron and Manganese on the Ocean Floor; a Contribution to Submarine Geology. By Hans Pettersson. Pp. 37. (Göteborg: Elanders Boktryckeri A.-B., 1945.) [1810]