

## FORTHCOMING EVENTS

(Meeting marked with an asterisk \* is open to the public)

## Saturday, June 19

INSTITUTE OF PHYSICS (JOINT MEETING OF THE ELECTRONICS GROUP AND THE MANCHESTER AND DISTRICT BRANCH) (in the Physics Department, The University, Oxford Road, Manchester), at 2.30 p.m.—“The Electrical Discharge in Gases” (Dr. T. E. Allibone will speak on “Discharge Phenomena” and Dr. J. M. Meek on “Modern Theories of the Discharge”).

## Monday, June 21

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 3 p.m.—Annual General Meeting.

## Wednesday, June 23

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, South Kensington, London, S.W.7), at 4.30 p.m.—Discussion on “The Applications of Meteorology to Industry” (to be opened by Mr. J. F. Shipley).

## Thursday, June 24

TOWN AND COUNTRY PLANNING ASSOCIATION (at 1 Grosvenor Place, London, S.W.1), at 1.15 p.m.—Prof. Ernest Barker: “Social Background of Town Planning”.

## Thursday, June 24—Friday, June 25

BRITISH COAL UTILIZATION RESEARCH ASSOCIATION (at the Royal Institution, 21 Albemarle Street, London, W.1)—Conference on “The Ultra-fine Structure of Coals and Cokes, with special reference to the Application of Modern Physical Methods”.\*

## APPOINTMENTS VACANT

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

MILK ADVISORY OFFICER (FEMALE) to the Holland War Agricultural Executive Committee—The Principal and Executive Officer, Agricultural Institute, Kirton, Boston, Lincs. (June 23).

SECOND SPEECH THERAPIST at the Child Guidance Clinic—The Education Officer, The Guildhall, Cambridge (June 25).

HEAD OF THE ENGINEERING DEPARTMENT in the South-East Essex Technical College and School of Art, Dagenham—The Chief Education Officer, County Offices, Chelmsford (June 25).

PSYCHIATRIC SOCIAL WORKER (TEMPORARY) to work with the Psychiatrist and Psychologist in the Child Guidance Clinic—The Town Clerk, Town Clerk's Office, Town Hall, Reigate (endorsed “Psychiatric Social Worker”) (June 25).

ASSISTANT MASTER (TEMPORARY) mainly to teach Physics in the Handsworth Junior Technical School—The Chief Education Officer, Higher Education Department, Education Office, Council House, Margaret Street, Birmingham 3 (June 25).

ASSISTANT (MAN) in Junior Technical School and part-time Day Classes of Redditch Technical School for Mathematics, Mechanics, Engineering Drawing, Workshop Technology and Elementary General Science—The Director of Education, County Education Offices, County Buildings, Worcester (June 26).

DIRECTOR OF THE TRANSSAAL MUSEUM, Pretoria—The Secretary, Office of the High Commissioner for the Union of South Africa, South Africa House, Trafalgar Square, London, W.C.2 (June 26).

LECTURERS (two) IN BUILDING SUBJECTS in the Hull Technical College—The Director of Education, Guildhall, Hull (June 26).

LECTURER IN BIOLOGY AND HYGIENE, with GENERAL SCIENCE—The Principal, Kenton Lodge Training College, Newcastle-upon-Tyne (June 26).

MISTRESS TO TEACH GEOGRAPHY AND BOTANY in the Nottinghamshire Rural Pupil-Teacher Centres—The Director of Education, Shire Hall, Nottingham (June 26).

TEACHER (MAN) OF MATHEMATICS AND ENGLISH in the new Building Trades Junior Technical School at the Hull Technical College—The Director of Education, Guildhall, Hull (June 26).

HEAD OF THE SCIENCE DEPARTMENT, and a TEACHER OF GENERAL SCIENCE SUBJECTS, in Acton Technical College—The Secretary (T), Middlesex Education Committee, 10 Great George Street, Westminster, London, S.W.1 (June 26).

TEACHER OF BUILDING SUBJECTS in the Junior Technical School and the Technical College, and a TEACHER OF MINING SUBJECTS (applicants should have industrial and teaching experience and be prepared to teach Mine Surveying), in the Whitwood Mining and Technical College—The Director, Education Offices, Castleford, Yorks (June 26).

SPEECH THERAPIST—The Education Officer, Education Offices, Northern Secondary School, Mayfield Road, Portsmouth (June 28).

PSYCHIATRIC WORKER (TEMPORARY)—The Chief Education Officer, County Hall, Taunton (June 30).

LECTURER IN ANIMAL HUSBANDRY at the Imperial College of Tropical Agriculture in Trinidad—The Acting Secretary, Imperial College of Tropical Agriculture, Grand Buildings, Trafalgar Square, London, W.C.2 (June 30).

TEACHER OF PRODUCTION ENGINEERING—The Principal, Dolcoath Technical School, Camborne, Cornwall (July 1).

ASSISTANT ENGINEERS (4) IN THE DEPARTMENT OF POSTS AND TELEGRAPHS—The Secretary, Civil Service Commission, 45 Upper O'Connell Street, Dublin (July 2).

WOMAN PSYCHIATRIC SOCIAL WORKER—The Director, School Clinic, 7 Leopold Street, Sheffield (July 3).

ASSISTANT ENGINEER for the Government of Dominica (should be qualified civil engineer with extensive experience of road construction)—The Secretary, Overseas Manpower Committee (Ref. 904), Ministry of Labour and National Service, Sardinia Street, Kingsway, London, W.C.2.

LECTURER IN GEOGRAPHY—The Secretary, Homerton College, Cambridge.

MASTER FOR CHEMISTRY, and a MASTER FOR BUILDING SUBJECTS—The Principal, County Secondary School and Cumberland Technical College, Workington.

DOMESTIC SCIENCE ASSISTANT preferably with Degree in Social Science, in the Day Technical School for Girls, and an ASSISTANT FOR MATHEMATICS, ENGINEERING SCIENCE, MACHINE DRAWING, in the Day Technical School for Boys—The Principal, Technical Institute, Longport Street, Canterbury.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Scientific Proceedings of the Royal Dublin Society. Vol. 23 (N.S.), No. 9: Salmon and Sea Trout of the Waterville (Currane) River. By Arthur E. J. Went and T. Sankey Barker. Pp. 83-102. 2s. 6d. Vol. 23 (N.S.), No. 10: Ascorbic Acid, Part 1: Detection and Estimation. By W. R. Fearon and Einhart Kawerau. Pp. 103-110. 1s. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [115]

Ollscoil na h-Éireann: The National University of Ireland. Calendar for the Year 1942. Pp. x+614. (Dublin: National University of Ireland.) [115]

Metallurgical Abstracts (General and Non-Ferrous). Vol. 9, 1942 (New Series). Edited by N. B. Vaughan. Pp. viii+440. (London: Institute of Metals.) [115]

The Journal of the Institute of Metals. Vol. 68, 1942. Edited by N. B. Vaughan. Pp. xxxii+430+37 plates. (London: Institute of Metals.) [115]

Public Museums, Gloucester. Occasional Papers, No. 5: *Glevum* and the Second Legion. By Charles Green. Part 1. Pp. 14. (Gloucester: Public Museums.) 6d. [125]

Department of Scientific and Industrial Research: Forest Products Research. Recognition of Decay and Insect Damage in Timbers for Aircraft and other Purposes. Pp. iv+18+4 plates. (London: H.M. Stationery Office.) 6d. net. [125]

Planning of Science. Report of Proceedings of the Open Conference held at Caxton Hall, January 30th-31st, 1943. Pp. 127+8 plates. (London: Association of Scientific Workers.) [145]

Proceedings of the Royal Irish Academy. Vol. 49, Section A, No. 1: On the Particle Equation of the Meson. By W. Heitler. Pp. 28. 1s. 6d. Vol. 49, Section A, No. 2: Systematics of Meson-Matrices. By E. Schrödinger. Pp. 29-42. 1s. Vol. 49, Section B, No. 12: Salmon of the River Corrib, together with Notes on the Growth of Brown Trout in the Corrib System. By Arthur E. J. Went. Pp. 269-298+plate 2. 2s. Vol. 49, Section B, No. 1: The Solubility of Soil Constituents in Oxalic Acid as an Index to the Effects of Weathering. By Patrick H. Gallagher and Thomas Walsh. Pp. 26+1 plate. 1s. 6d. Vol. 49, Section B, No. 2: The Distribution and Origin of the British Lepidoptera. By Bryan P. Beirne. Pp. 27-60. 2s. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [175]

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## Other Countries

Ceylon. Part 2 (Revenue I). Administration Report of the Government Mineralogist for 1941. By D. N. Wadia. Pp. I.10. (Colombo: Government Record Office.) 20 cents. [115]

Imperial College of Tropical Agriculture. Report of the Governing Body and the Principal's Report to December 31st, 1942. Pp. 24. (Trinidad and London: Imperial College of Tropical Agriculture.) [115]

Memoirs of the American Philosophical Society. Vol. 17: John Brown and the Legend of Fifty-Six. By Prof. James C. Malin. Pp. xii+794. (Philadelphia: American Philosophical Society.) [115]

Proceedings of the United States National Museum. Vol. 92, No. 3154: Revision of the Genus *Phloeosinus* Chapuis in North America (Coleoptera, Scolytidae). By M. W. Blackman. Pp. 397-474+plates 38-41. Vol. 93, No. 3159: Some American Geometrid Moths of the Subfamily Ennominae heretofore associated with or closely related to *Ethopia* Treitschke. By Hahn W. Capps. Pp. 115-152+10 plates. (Washington, D.C.: Government Printing Office.) [135]

Bulletin of the Bingham Oceanographic Collection, Peabody Museum of Natural History. Vol. 8, Art. 2: A Review of the American Anchovies (family Engraulidae). By Samuel F. Hildebrand. Pp. 165. (New Haven, Conn.: Yale University.) 2.50 dollars. [135]

Indian Forest Records (New Series). Utilisation, Vol. 2, No. 11: A Note on the Maintenance of Plywood in India. Compiled by Dr. S. N. Kapen. Pp. vi+245-292. (Delhi: Manager of Publications.) 1-2 rupees; 1s. 9d. [175]

Indian Forest Leaflet No. 35: Charcoal for Producer-Gas Plant. By S. Ramaswami, A. C. Dey and B. S. Varma. Pp. ii+6. (Dehra Dun: Forest Research Institute.) 4 annas; 6d. [175]

Bulletin of the Bingham Oceanographic Collection, Peabody Museum of Natural History. Vol. 8, Art. 3: The Eggs of *Bathygobius soporator* (Cuvier and Valenciennes) with a Discussion of other Non-spherical Teleost Eggs. By C. M. Breder, Jr. Pp. 50+6 plates. (New Haven, Conn.: Yale University.) [175]