

## Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

### Monday, March 15

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Prof. C. Daryll Forde: "A Study of Settlement in the Cross River Area, Southern Nigeria".

### Tuesday, March 16

EUGENICS SOCIETY, at 5.15—(at the Linnean Society, Burlington House, W.1).—Miss H. Holland, Dr. J. R. Baker and Dr. S. Zuckerman: "Birth Control: The Last Year's Work".\*

### Wednesday, March 17

CHEMICAL SOCIETY, at 5.30—(at the Royal Institution, Albemarle Street, W.1).—Prof. V. M. Goldschmidt: "Principles of Distribution of Chemical Elements in Minerals and Rocks" (Seventh Hugo Müller Lecture).

UNIVERSITY COLLEGE, LONDON, at 5.30.—Dr. V. Friedreich: "Blood Groups and Genetics".\*

ROYAL METEOROLOGICAL SOCIETY, at 7.30.—Prof. D. Brunt: "Clouds, Natural and Artificial" (Symons Memorial Lecture).

ROYAL SOCIETY OF ARTS, at 8.—H. D. Henderson: "Problems of the Displacement of Labour by Mechanization".

### Thursday, March 18

CHEMICAL SOCIETY, at 4—(at Grosvenor House, Park Lane, W.1).—Annual General Meeting and Anniversary Dinner (at 7).

ROYAL ASIATIC SOCIETY, at 4.30.—Dr. Li Chi: "The Culture of the Shang Dynasty".

BRITISH INSTITUTE OF RADIOLOGY, at 8.—Prof. S. Russ and Miss G. M. Scott: "Some Biological Effects of Continuous Gamma Irradiation. With Notes on Protection".

### Friday, March 19

GEOGRAPHICAL DISCUSSION at 4.30—(at the Royal Astronomical Society).—Discussion on "Instrumental Seismology" to be opened by J. J. Shaw.

ROYAL INSTITUTION, at 9.—Lord Rutherford, F.R.S.: "The Transmutation of Heavy Elements".

INSTITUTE OF PHYSICS, March 18–20.—Second Conference on Industrial Physics to be held at the University of Birmingham. Subject: "Optical Devices in Research and Industry".

March 18, at 4.30.—Prof. A. Fowler, F.R.S.: "Spectroscopy in Industry" (Presidential Address).

## Appointments Vacant

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

SCIENTIFIC OFFICER (air armament—ref. 308/C) and ASSISTANT (grade II. Experimental and design work—ref. 309/C) in the Directorate of Scientific Research, Air Ministry.—The Chief Superintendent, Royal Aircraft Establishment, South Farnborough (March 19).

JUNIOR SCIENTIFIC OFFICERS and ASSISTANTS (grade III) in the Building Research Station, Garston and the Road Research Laboratory, Harmondsworth.—The Establishment Officer, Department of Scientific and Industrial Research, 16 Old Queen Street, Westminster, S.W.1 (March 19).

ASSISTANTS (grade III) for library work in the Department of Scientific and Industrial Research.—The Establishment Officer, D.S.I.R., 16 Old Queen Street, Westminster, S.W.1 (March 19).

EXAMINER IN THE NON-METALLIC SECTION, A.I.D. Test House, Kidbrooke.—The Secretary (S.2.d.), Air Ministry, Kingsway, F.C.2 (March 20).

TUTOR and LECTURER IN BIOLOGY in the Maria Grey Training College, Salisbury Road, London, N.W.6.—The Secretary to the Principal (March 20).

CHIEF TECHNICAL INSTRUCTOR in the Government Trade School, Haifa.—The Secretary (SIR/CA), Board of Education, Whitehall, S.W.1 (March 21).

SUB-ASSISTANT BOTANIST in the Royal Botanic Gardens, Kew.—The Secretary, Ministry of Agriculture and Fisheries, 10 Whitehall Place, London, S.W.1 (March 22).

THREE SCIENTIFIC OFFICERS in the Explosives Directorate, Research Department, Woolwich, S.E.18.—The Chief Superintendent (March 27).

ASSISTANT (grade II—engineering) in the Admiralty Technical Pool.—The Secretary of the Admiralty (C.E. Branch) (March 27).

RESEARCH PALAEOLOGIST in the University of Western Australia.—The Agent General for Western Australia, Savoy House, 115/116 Strand, W.C.2 (March 31).

TECHNICAL ASSISTANT IN THE INFORMATION DEPARTMENT AND LIBRARY of the British Non-Ferrous Metals Research Association.—The Secretary, B.N.F.M.R.A., Regnart Buildings, Euston Street, N.W.1 (March 31).

SENIOR LECTURER IN SOCIAL ANTHROPOLOGY in the University of the Witwatersrand.—The Secretary, Office of the High Commissioner for the Union of South Africa, South Africa House, Trafalgar Square, W.C.2 (March 31).

LECTURER IN PURE AND APPLIED MATHEMATICS in the Battersea Polytechnic, London, S.W.11.—The Clerk to the Governing Body (April 17).

LECTURER IN GEOGRAPHY and DEMONSTRATOR IN PHYSIOLOGY in Bedford College for Women, Regent's Park, N.W.1.—The Secretary (April 20).

PROFESSOR OF ANATOMY in Middlesex Hospital Medical School.—The Academic Registrar, University of London, W.C.1 (April 23).

ASSISTANT DIRECTOR OF PATHOLOGY (with title of Nuffield Reader in Pathology) in the University of Oxford.—The Secretary of Faculties, University Registry, Oxford (April 26).

SENIOR LECTURER IN PHYSIOLOGY in the University of Liverpool.—The Registrar (May 1).

PROFESSOR OF CHEMISTRY in the University of Western Australia.—The Agent General for Western Australia, Savoy House, 115/116 Strand, W.C.2 (May 17).

## Official Publications Received

### Great Britain and Ireland

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1706 (1416): Tests of Six Aerofoil Sections at various Reynolds Numbers in the Compressed Air Tunnel. By E. F. Reiff, Dr. R. Jones and A. H. Bell. Pp. 33. 4s. 6d. net. No. 1708 (2264): Effect of Surface Roughness on Characteristics of Aerofoils N.A.C.A. 0012 and B.A.F. 34. By Dr. R. Jones and Dr. D. H. Williams. Pp. 56. 8s. net. No. 1709 (2263): Experiments on a Heinkel He. 70 Aeroplane in the Compressed Air Tunnel. By Dr. R. Jones and E. Smyth. Pp. 5. 1s. net. No. 1714 (2189): Interim Report on Systematic Model Research in Free Spins; Low Wing Monoplanes. By R. H. Francis. Pp. 15. 2s. 6d. net. No. 1716 (2198): Oscillations of Elastic Blades and Wings in an Airstream. By Dr. W. J. Dunnean, A. R. Collar and H. M. Lyon. Pp. 38. 6s. 6d. net. No. 1717 (2433): Tests of Aerofoils R.A.F. 69 and R.A.F. 89, with and without Split Flaps, in the Compressed Air Tunnel. By D. H. Williams, A. F. Brown and E. Smyth. Pp. 24. 3s. 6d. net. (London: H.M. Stationery Office.) [52]

Proceedings of the Royal Irish Academy. Vol. 43, Section A, No. 5: Contact Conditions for Surfaces. By J. G. Sempie. Pp. 49–71. 1s. Vol. 43, Section B, No. 8: A Record of New Analyses of Tertiary Igneous Rocks (Antrim and Staffa). By Arthur Holmes. Pp. 89–94. 6d. Vol. 43, Section B, No. 7: The Synthesis of Diflavonals. By Dr. Joseph Algar and Dorothy E. Hurley. Pp. 83–87. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) [52]

Brompton Hospital Reports: a Collection of Papers recently published from the Hospital. Vol. 5, 1936. Pp. iv+143. (London: Hospital for Consumption.) 3s. [62]

### Other Countries

Meddelande från Lunds Astronomiska Observatorium. Ser. 1, Nr. 145: A Graphical Method of determining the Absolute Luminosity Distribution of the Stars. By W. Gyllenberg. Pp. 11+1 plate. Ser. 1, Nr. 146: Eine Bemerkung zu den Spektralvergleichen in der Bergedorfer Spektral-Durchmusterung. Von Erik Holmberg. Pp. 7. Ser. 2, Nr. 77 (Historical Notes and Papers No. 3): Two Early Conceptions concerning the Earth's Hanging Free in Space. By Knut Lundmark. Pp. 8. 50 öre. Ser. 2, Nr. 81: On the Masses of the Stars. By Folke Berglund. Pp. 25. 2.00 kr. (Lund: Astronomiska Observatorium.) [112]

U.S. Department of the Interior: Geological Survey. Bulletin 868-C: Upper Copper and Tanana Rivers, Alaska. By Fred. H. Moffit. (Mineral Resources of Alaska, 1934.) Pp. ii+135+143+plate 8. (Washington, D.C.: Government Printing Office.) 10 cents. [122]

U.S. Department of the Interior: Office of Education. Bulletin, 1936, No. 10: Scholarships and Fellowships available at Institutions of Higher Education. By Ella B. Ratcliffe. Pp. v+117. (Washington, D.C.: Government Printing Office.) 15 cents. [122]

Smithsonian Institution: United States National Museum. Report on the Progress and Condition of the United States National Museum for the Year ended June 30, 1936. Pp. iii+115. (Washington, D.C.: Government Printing Office.) 15 cents. [122]

Report of the Secretary of the Smithsonian Institution and Financial Report of the Executive Committee of the Board of Regents for the Year ended June 30, 1936. (Publication 3404.) Pp. iii+107+2 plates. (Washington, D.C.: Government Printing Office.) [122]