

## Forthcoming Events

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE  
(NOTTINGHAM MEETING).

### Sunday, September 5

At 8.15 p.m.—Prof. H. Hartridge, F.R.S.: "Illusions of Colour" (Public Lecture at Nottingham).

### Monday, September 6

At 10 a.m.—Prof. D. Brunt, Dr. K. C. Lange, Prof. V. Vaisala: "The Upper Atmosphere" (Symposium: Section A).

Dr. Irving Langmuir, Dr. H. Eyring, Prof. H. S. Taylor, F.R.S., Prof. E. K. Rideal, F.R.S., Dr. J. F. Danielli, and Dr. H. J. Phelps: "Surface Action in Biology" (Joint Symposium: Sections A, B and I).

Prof. A. Plant, Prof. B. F. Shields, H. T. Weeks, H. G. Selfridge, jun.: "Retail Distribution" (Discussion: Section F).

Dr. W. B. Turrill, W. J. C. Lawrence, Prof. J. R. Matthews, Dr. T. J. Jenkin and Dr. J. W. Gregor: "Genetics and Taxonomy" (Discussion: Section K).

At 11.30 a.m.—Prof. H. Levi, J. Sargent and J. Wickham Murray: "Technical in Relation to General Education" (Discussion: Section L).

At 2 p.m.—Prof. P. M. Roxby, Dr. L. Dudley Stamp and Prof. C. B. Fawcett: "Culture Regions" (Joint Discussion: Sections E and H).

At 7.30 p.m.—T. M. Herbert: "The Transport of Food" (Public Lecture at Newark-on-Trent).

At 8 p.m.—Sir Gilbert Walker, F.R.S.: "The Mechanics of Sport" (Public Lecture at Derby).

Dr. J. E. R. Constable: "Science in Everyday Life" (Public Lecture at Long Eaton).

At 8.30 p.m.—Prof. J. Gray, F.R.S.: "The Mentality of Fishes" (Evening Discourse).

### Tuesday, September 7

At 10 a.m.—Dr. R. E. Stradling, Dr. F. M. Lea, Dr. J. S. Dunn, F. H. Clews, H. H. Macey and Dr. G. R. Rigby, Dr. D. G. R. Bonnell: "Chemistry of Building Materials" (Symposium: Section B).

Prof. Winifred Cullis, Dr. H. Magee, Prof. R. C. Garry, Dr. L. P. Lockhart: "Physiology as a Subject of General Education" (Section I: Discussion).

Sir John Russell, F.R.S., Dr. Winifred Brenchley, W. Davies, G. E. Blackman, and Mr. Martin Jones: "Pasture Problems" (Joint Discussion: Sections K and M).

At 8 p.m.—Dr. L. Dudley Stamp, Prof. H. L. Hawkins, F.R.S., Dr. J. S. Huxley, Prof. E. J. Salisbury, F.R.S., Sir Daniel Hall, K.C.B., F.R.S., Prof. J. H. Jones: "Planning the Land of Britain" (Joint Discussion: Sections C, D, E, F, K and M).

INSTITUTE OF METALS, September 6-9.—Annual Autumn Meeting to be held at Sheffield.

September 6, at 8.—Dr. D. R. Pye, F.R.S.: "Metallurgy and the Aero Engine" (Autumn Lecture).

## Appointments Vacant

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

ASSISTANT ENGINEER in the Research Department, Woolwich, S.E.18—The Chief Superintendent (September 10).

LECTURER IN MINING ENGINEERING in the Denbighshire Technical Institute, Wrexham—The Secretary and Director of Education, Education Offices, Ruthin (September 11).

CROMBIE-ROSS LECTURER IN PSYCHO-PATHOLOGY in the University of Aberdeen—The Secretary (September 15).

JUNIOR LECTURER IN PHYSICS in the Military College of Science, Woolwich, S.E.18—The Commandant (September 17).

DEMONSTRATOR IN CHEMICAL PATHOLOGY in the University of Leeds—The Registrar (September 18).

STATE CHEMIST FOR IRELAND—The Secretary, Civil Service Commission, 45 Upper O'Connell Street, Dublin (September 24).

ASSISTANT IN BIOCHEMISTRY in the University of Oxford—The Whitby Professor of Biochemistry (September 20).

JUNIOR ASSISTANT in the Science Museum Library—The Director, Science Museum, South Kensington, S.W.7 (October 4).

LECTURER IN PHYSICS AND MATHEMATICS in the College of Technology and Art, Rotherham—The Director of Education, Education Office, Rotherham.

## Official Publications Received

### Great Britain and Ireland

Department of Scientific and Industrial Research. Report of the Food Investigation Board for the Year 1936. Pp. v+235. (London: H.M. Stationery Office.) 3s. 6d. net. [118]

National Institute of Poultry Husbandry. Bulletin No. 13: Table Duck Production. By A. J. Macdonald and Jean W. T. Kay. Pp. 12. (Newport, Shropshire: Harper Adams Agricultural College.) [118]

National Advisory Council and the Grants Committee for Physical Training and Recreation. National Fitness: the First Steps. Pp. 24. (London: H.M. Stationery Office.) 2d. net. [118]

National Institute for Research in Dairying, 1912-1937. Twenty-fifth Anniversary Review. By the Staff of the Institute. Pp. 59+xxi. (Shinfield: National Institute for Research in Dairying.) [128]

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1764 (2509): On the Application to Tubular Frameworks of the Method of "Systematic Relaxation of Constraints". By Macdonnell W. Woods and E. J. Warlow-Davies. Pp. 22. 3s. net. No. 1765 (2467): On Reynolds Numbers of Transition. By A. Page. Pp. 14. 2s. net. No. 1767 (2706): Abstract of a Film Illustrating the Theory of Flight. By Dr. H. C. H. Townend. Pp. 8+8 plates. 3s. net. No. 1769 (2713): Induced Drag due to Washout. By C. N. H. Lock. Pp. 5. 1s. net. No. 1773 (2628): Note on the Design of Corners in Duct Systems. By Dr. G. N. Patterson. Pp. 16+1 plate. 2s. 6d. net. (London: H.M. Stationery Office.) [168]

Graduate Employment: a Report of the 1937 Congress of the National Union of Students of England and Wales and the Preparatory Investigation for the Congress. Pp. 94. (London: National Union of Students.) Free. [168]

Department of Scientific and Industrial Research. Report of the Building Research Board: with a Report of the Director of Building Research for the Year 1936. Pp. vi+210+25 plates. (London: H.M. Stationery Office.) 4s. net. [168]

Ruskin and Brantwood: an Account of the Exhibition Rooms. By J. Howard Whitehouse. Pp. 44+8 plates. (Bembridge: Ruskin Society.) 2s. net. [168]

### Other Countries

Koninklijk Nederlandsch Meteorologisch Instituut. No. 102. Mededeelingen en Verhandelingen. 40: Het Klimaat van Nederland (The Climate of the Netherlands). F: Zonneschijn en Bewolking (Sunshine and Cloudiness). By Dr. C. Braak. Pp. 52. ('s Gravenhage: Rijksuitgeverij.) 0.50 f. [138]

Sudan Government: Agricultural Research Service. Report of the Government Chemist for the Year 1936. (Chemical Section, Publication No. 79.) Pp. 17. (Khartoum: Agricultural Research Service.) [138]

Latvijas Valsts Meteorologiskais Birojs (State Meteorological Bureau of Latvia). No. 3: Pēdējo divu 30 gadu periodu (1871-1900 un 1901-1930) vidējo gaisa temperatūru salīdzinājums (Mean Air Temperature Differences between last two 30 Year Periods). By J. Barloti. Pp. 14. No. 4: Gaisa temperatūra Latvijā (Air Temperature in Latvia). Dala (Part) 1: Gaisa vidējā temperatūra (Mean Air Temperature). By J. Barloti. Pp. 82. III: Meteorologisko novērojumu Gada grāmata (Meteorological Observations Year Book) 1933. Pp. 48. (Rīgā: Latvijas Valsts Meteorologiskais Birojs.) [138]

Commonwealth of Australia: Council for Scientific and Industrial Research. Pamphlet No. 69: Observations on some Wool Samples from North-Eastern Asia. By H. Munz. Pp. 28+8 plates. (Melbourne: Government Printer.) [168]

Institut des Parcs Nationaux du Congo Belge. Exploration du Parc National Albert, Mission G. F. De Witte (1933-1935). Fascicule I: Introduction. Par G. F. De Witte. Pp. 39+32 plates. Les Parcs Nationaux et la Protection de la Nature. Pp. 88. Aspects de végétation des Parcs Nationaux du Congo Belge. Serie I: Parc National Albert. Vol. I, Fascicules 1-2: Aperçu général de la végétation. Par W. Robyns. Pp. 42+12 plates. (Bruxelles: Institut des Parcs Nationaux du Congo Belge.) [168]

City of Durban. Jubilee of the Durban Museum, 1887-1937. Pp. 39. (Durban: Durban Museum.) [168]

Archivos da Fundacao Gaffree e Guinle, 1936-1937. Pp. iii+223+13 plates. (Rio de Janeiro: Rodrigues e Cia.) [178]

### Catalogues, etc.

Dunns Seed Wheats, 1937. Pp. 32. (Salisbury: Dunns Farm Seeds, Ltd.)

Beck Spectroscopes and Spectrometers. Pp. 16. (London: R. and J. Beck, Ltd.)