

## FORTHCOMING EVENTS

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

Tuesday, January 2—Friday, January 5

INTERNATIONAL ASSOCIATION FOR HYDRAULIC RESEARCH (at Bombay, India).

Tuesday, January 2—Saturday, January 6

BRITISH TRUST FOR ORNITHOLOGY (at the Edward Grey Institute, Oxford).—Annual Conference on "Bird Biology for Students".

Wednesday, January 3

INSTITUTE OF FUEL (at the James Watt Institute, Great Charles Street, Birmingham), at 2.30 p.m.—Papers on "Drying of Fuel, Sand, etc."\*

MANCHESTER FEDERATION OF SCIENTIFIC SOCIETIES (in the Chemistry Lecture Theatre, The University, Manchester), at 8 p.m.—Prof. H. Graham Cannon, F.R.S.: "Animals that Live in the Sea" (Christmas Lecture for Young People). (To be repeated on Thursday, January 4, at the same time and place.)

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 5 p.m.—Mr. F. H. Ludlam: "Clouds". (Vacation Meeting.)

ROYAL PHOTOGRAPHIC SOCIETY, KINEMATOGRAPH SECTION (joint meeting with B.K.S. at Film House, Wardour Street, London, W.C.2), at 7 p.m.—Mr. Brian Langley: "The Split Beam Process".

Thursday, January 4

INSTITUTE OF METALS, BIRMINGHAM SECTION (at the James Watt Memorial Institute, Great Charles Street, Birmingham), at 6.30 p.m.—Discussion on "Temperature Measurements".

BRITISH INSTITUTION OF RADIO ENGINEERS, NORTH-WESTERN SECTION (at the College of Technology, Manchester), at 6.45 p.m.—Mr. G. W. L. Davis: "Marine Radar".

INSTITUTION OF WORKS MANAGERS, BRISTOL BRANCH (at the Royal Hotel, Bristol), at 7.15 p.m.—Mr. A. B. Armstrong: "Motion Study".

Friday, January 5

INSTITUTION OF WORKS MANAGERS, NOTTS AND DERBY BRANCH (at the Midland Hotel, Derby), at 7.30 p.m.—Mr. J. W. Hendry: "Production Efficiency via Time Study".

Saturday, January 6

BRITISH INTERPLANETARY SOCIETY (in the Tudor Room, Caxton Hall, Westminster, London, S.W.1), at 6 p.m.—A Symposium on "The Orbital Rocket".

## APPOINTMENTS VACANT

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

HONOURS GRADUATES (with experience in medical or veterinary research, and specialization in experimental pathology, bacteriology, virology, or immunology) at a Ministry of Supply Research Establishment in South-West England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.326/50 (January 6).

LECTURER IN CHEMISTRY—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham, Essex (January 6).

TECHNICAL OFFICER (man, with a degree in Electrical Engineering and/or an equivalent professional qualification, and industrial experience in heavy electrical engineering) as Assistant to the Head of the Electrical Engineering section of the Technical and Scientific Register—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.381/50A (January 6).

HONOURS GRADUATES (with experience in medical or veterinary research, and specialized in bacteriology, biochemistry, biophysics, immunology, virology or pathology) at a Ministry of Supply Research Establishment in South-West England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting No. G.339/50A (January 8).

ENGINEER OFFICERS (Mechanical and Aeronautical) and ELECTRICAL OFFICERS (with a previous commission in R.N. or a University degree of B.Sc. (Engineering) or acceptable equivalent) in the Royal Australian Navy—The Royal Australian Naval Liaison Officer, Dept. ENA, Canberra House, 87 Jermyn Street, London, S.W.1 (January 12).

LECTURER IN BOTANY AND GENERAL BIOLOGY—The Principal, Wigan and District Mining and Technical College, Wigan (January 15).

LECTURER or SENIOR LECTURER in the subject of INDUSTRIAL RELATIONS—The Secretary of University Court, The University, Glasgow (January 15).

PHYSICIST—The Secretary to the Management Committee, Liverpool Radium Institute, Liverpool (January 15).

PRINCIPAL SCIENTIFIC OFFICER (with a first- or second-class honours degree, preferably in Naval Architecture, or high professional attainments in that subject) in the Ship Division of the National Physical Laboratory, Teddington—The Secretary, Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting No. 3408 (January 18).

ELECTRICAL ENGINEER or PHYSICIST with knowledge of application of electronics (except radio) to scientific investigation and development work—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1 quoting TT/281 (January 24).

PHYSICIST with special knowledge of the properties of matter or of aerodynamics with reference to the problems of flow—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/282 (January 24).

TECHNICAL SECRETARY (with an honours degree in science, with chemistry or fuel technology as major subjects, or an honours degree in technical science, in fuel technology or chemistry, or equivalent qualifications), Coal Research Section, North Ryde, Sydney—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting No. 3162 (January 29).

PROFESSOR and a SENIOR LECTURER IN THE DEPARTMENT OF LOCAL GOVERNMENT AND PUBLIC ADMINISTRATION of the University of the Witwatersrand, Johannesburg—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (January 31).

READER IN PATHOLOGY at the University of Adelaide—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (January 31).

SENIOR LECTURER IN THE DEPARTMENT OF PATHOLOGY, University College of the West Indies—The Secretary, Senate Committee on Higher Education in the Colonies, Senate House, University of London, London, W.C.1 (January 31).

LECTURER IN EDUCATIONAL PSYCHOLOGY—The Registrar, University College, Hull (February 10).

JUNIOR LECTURERS IN TROPICAL MEDICINE, PROTOZOLOGY AND HELMINTHOLOGY—The Dean, London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1 (February 28).

PROFESSOR OF PHILOSOPHY at the University of the Witwatersrand, Johannesburg—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (February 28).

BIOCHEMIST (who will also undertake hydrography), and MARINE BIOLOGISTS (2), in the West African Fisheries Research Institute being established in Sierra Leone—The Under-Secretary of State, Colonial Office (Research Department), Sanctuary Buildings, Great Smith Street, London, S.W.1.

ELECTRICAL ENGINEER (hydro-electric) to the Central Electricity Board, Federation of Malaya—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M.25728.B.

METEOROLOGIST in the East African Meteorological Department—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27118/10/50.

WORKS ENGINEER in the Division of Atomic Energy (Production) Ministry of Supply Factory, Capenhurst, to be responsible for all factory engineering services—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs, quoting Ref. CB/2.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Anglo-American Council on Productivity. Productivity Report: Packaging. Pp. xiii+58+11 plates. (London and New York: Anglo-American Council on Productivity, 1950.) 2s. 6d. [510]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 857, Vol. 243: A Theory of the Origin of Microseisms. By M. S. Longuet-Higgins. Pp. 36. 8s. No. 858, Vol. 243: Thermodynamics and Rheological Behaviour of Elasto-Viscous Systems under Stress. By F. H. Garner. A. H. Nissan and G. F. Wood. Pp. 37-66. 7s. (London: Cambridge University Press, 1950.) [510]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 619, Vol. 234: The Transplantation of Normal Tissues, with Special Reference to Auto- and Homotransplants of Thyroid and Spleen in the Anterior Chamber of the Eye, and subcutaneously, in Guinea-pigs. By M. F. A. Woodruff and Hazel G. Woodruff. Pp. 559-582+plates 28-30. (London: Cambridge University Press, 1950.) 11s. [510]

### Other Countries

Proceedings of the American Academy of Arts and Sciences. Vol. 78, No. 3: Some Interspecific Relationships in *Phacelia* subgenus *Cosmanthus*, by Lincoln Constance; On the Theory of Acoustic Radiation Pressure, by J. S. Mendousse; Thermodynamic Relations in *n*-Variable Systems in Jacobean Form, Part I, General Theory and Application to Unrestricted Systems, by F. H. Crawford. Pp. 135-184. 1.25 dollars. Vol. 78, No. 4: The Lower Peruvian Insects of Kansas, Part 10. The Order Protorthoptera—The Family Liomopteridae and its Relations. By Frank M. Carpenter. Pp. 185-219. 1 dollar. (Boston, Mass.: American Academy of Arts and Sciences, 1950.) [510]

World Health Organization. Technical Report Series, No. 20 Joint ILO/WHO Committee on the Hygiene of Seafarers: Report on the First Session. Pp. 10. (Geneve: World Health Organization, London: H.M. Stationery Office, 1950.) 9d.; 10 cents. [510]

Acta Argentina de Fisiologia y Fisiopatologia. Vol. 1, No. 1. Pp. 291. (Corioba: Universidad Nacional, 1950.) [510]

Canada: Department of Resources and Development, Development Services Branch, National Museum of Canada, Bulletin No. 115 (Biological Series No. 39): The Flora of Bic and the Gaspé Peninsula, Quebec. By H. J. Seeganz. Pp. iv+399 (8 plates.) (Ottawa: King's Printer, 1950.) 1 dollar. [510]

Report of the Twenty-seventh Meeting of the Australian and New Zealand Association for the Advancement of Science, Hobart Meeting, January 1949. Edited by Prof. S. Warren Carey. Pp. xi+231 (Hobart: Government Printer, 1950.) [510]