FORTHCOMING EVENTS

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

Monday, January 27

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 5 p.m.—Dr. A. Dickson Wright : "The Advances of Modern Surgery" (Cantor Lectures, 1).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "National Certificates and their relation to the Needs of Industry" (to be opened by Mr. S. E. Goodall).

SOCIETY OF CHEMICAL INDUSTRY, MANCHESTER SECTION (joint meeting with the MANCHESTER SECTION OF THE INSTITUTION OF THE RUBBER INDUSTRY, at the Engineers' Club, Albert Square, Man-chester), at 6.30 p.m.-MR. F. A. Jones: "The Chemistry and Tech-nology of Organo-Silicon Compounds".

Tuesday, January 28

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.-Prof. H. S. W. Massey: "Semi-Conductors".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON STUDENTS' SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 7 p.m.—Mr. P. H. J. Johnson : "The Principles of Manual and Automatic Telephone Exchanges".

SOLETY OF INSTRUMENT TECHNOLOGY (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 7 p.m.-Mr. W. C. Fahie: "Some Applications of Electronics in the Iron and Steel Industry".

Wednesday, January 29

TEXTILE INSTITUTE (at the University, Leeds), at 10.30 a.m.. Conference on "Modern Methods of Single Fibre Testing".

PHYSICAL SOCIETY, COLOUR GROUP (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 3.30 p.m.—Mr. H. D. Murray: "The Use of Colour in Factories".

Murray: "The Use of Colour in Factories". ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 5 p.m.—Mr. Walter C. Puckey: "Economic Reconstruction, 2, Scientific Approach to Labour Problems". SOCIETY OF CHEMICAL INDUSTRY, NUTRITION PANEL OF THE FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Prof. E. Capstick: "The Nation's Milk Supply and its Best Use". TRYNUM LANCE MURLAUE SUCCEDED (At Converten), at 2 p.m.

TEXTILE INSTITUTE, MIDLANDS SECTION (at Coventry), at 7 p.m.-Mr. L. H. C. Tippett : "Quality Control in the Textile Industry".

Thursday, January 30

IMPERIAL INSTITUTE, MINERAL RESOURCES DEPARTMENT (in the Chema Hall, Imperial Institute (East Entrance), South Kensington, London, S.W.7), at 3 p.m.-Mr. J. H. Harris : "A Metallurgist in Tanganyika".*

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.-Mr. D. J. Finney: "Principles of Biological Assay".

CHEMICAL SOCIETY, SHEFFIELD SECTION (joint meeting with the SHEFFIELD UNIVERSITY CHEMICAL SOCIETY, in the Chemistry Lecture Thatre, The University, Sheffield), at 5.30 p.m.—Prof. J. B. Speakman : "Some Relationships between the Structure and Properties of Natural and Synthetic Fibres".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. L. H. A. Carr : "The Teaching of the Principles of Electrical Machine Design".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Air Marshal the Hon. Sir Ralph Cochrane, K.B.E.: "War-time Developments in Air Transport".

ROYAL PHOTOGRAPHIC SOCIETY, SCIENTIFIC AND TECHNICAL GROUP (at 16 Princes Gate, London, S.W.7), at 7 p.m.—Mr. N. McQueen : "Animation in Scientific Films".

Society of DYERS AND COLOURISTS, BRADFORD JUNIOR BRANCH (at the Technical College, Bradford), at 7.15 p.m.-Mr. E. Yeadon: "Cotton Dyeing".

SOCIETY FOR VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—Discussion on "The Outlook in the Social Sciences" (Speakers : Prof. Michael Poston, Prof. T. S. Simey and Prof. S. Zuckerman, F.R.S.).

PHARMACEUTICAL SOCIETY, MANCHESTER, SALFORD AND DISTRICT BRANCH (in the Lecture Theatre, St. Mary's Hospital, Manchester), at 7.45 pm.-Mr. R. N. Bomback: "Modern Development in Photo-graphy".

Friday, January 31

CHEMICAL SOCIETY, ST. ANDREWS AND DUNDEE SECTION (in the Chemistry Department, University College, Dundee), at 5 p.m.-Dr. W. G. Campbell: "Modern Trends in the Chemical Utilisation of Wood".

Of WOOL".
PHYSICAL SOCIETY (in the Lecture Theatre of the Science Museum, Exhibition Road, London, S.W.7), at 5 p.m.—Sir Edward Appleton, F.R.S., and Mr. R. Naismith: "The Radio Detection of Meteor Trails and Allied Phenomena"; Mr. J. S. Hey and Mr. G. S. Stewart: "Radar Observations of Meteors"; Dr. E. Eastwood and Mr. K. A. Mercer: "A Study of Transient Radar Echees from the Ionosphere including Observations made during the Solar Eclipse of July 1945"; Dr. A. C. B. Lovell, Mr. C. J. Banwell and Mr. J. A. Clegg: "Radio Echoes from Meteors".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Newcastle-upon-Tyne), at 6 p.m.-Dr. Ad. Meyer: "Marine Gas Turbine".

ROYAL STATISTICAL SOCIETY, LONDON GROUP OF THE INDUSTRIAL APPLICATIONS SECTION (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6 p.m.—Dr. B. P. Dudding: "Con-trol Charts Applied to Sales Data".

MANCHESTER STATISTICAL SOCIETY, INDUSTRIAL GROUP (at the Manchester Society of Architects, 16 St. Mary's Parsonage, Deansgate, Manchester), at 6.45 p.m.-Dr. J. M. Rodgers: "Significance in the Interpretation of Test Data".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. E. K. Rideal, F.R.S.: "Thin Films on Water".

Saturday, February I

INSTITUTE OF PHYSICS, SOUTH WALES BRANCH (at University College, Cardiff), at 3 p.m.—Dr. L. J. Comrie : "Some Applications of Calculating Machines".

APPOINTMENTS VACANT

AFFOINTIFIENTS VACANI APPLICATIONS are invited for the following appointments on or before the dates mentioned: LECTURER IN PHYSIOLOGY, and a LECTURER IN PHYSICS—The Clerk to the Governing Body, Battersea Polytechnic, Battersea, London, S.W.11 (January 31). PRINCIPAL OF THE ROYAL TECHNICAL COLLEGE, Salford—The Correspondent to the Governors, Education Office, Chapel Street, Salford, Lancs. (February 1). CHAIR OF MATHEMATICS tenable at the Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 4). LECTURER IN THE ELECTRICAL ENSINEMENT, South-East London Technical Institute, Lewisham Way, London, S.E.4— The Education Officer (T.1), County Hall, Westminster Bridge, London, S.E.1 (February 8). TEACHER OF PHYSICS up to H.N.C. standard—The Principal, Tech-mical College, Corporation Street, Preston (February 8). TEACHER OF JOLOGY AND BOTANY for Day and Evening Classes at Norwood Technical Institute, Knights Hill, London, S.E.27—The Education Officer (T.1), County Hall, Westminster Bridge, London, S.E.1 (February 8). SENIOR LECTURERS AND LECTURERS IN SCIENCE (BIOLOGY and GENERAL SCIENCE) and MATHEMATICS at the BOVAL MILLY Academy

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PROFESSOR OF PHYSIOLOGY--The Bursar, Royal Veterinary College, Royal College Street, London, N.W.1. SECRETARY-EDITOR-The Hon. Secretary (Business), Physical Society, 1 Lowther Gardens, London, S.W.7. JUNIOR DEMONSTRATOR OF PHYSICS-The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Great Britain and Ireland Ministry of Health: Nurses Salarles Committee. Revised Recom-mendations regarding Certain Grades of Nurses. Nurses S. C. Notes, No. 12. Pp. 20. 4d. net. Nurses S. C. Notes, No. 13. Pp. 10. 2d. net. (London: H.M. Stationery Office, 1946.) City and Guilds of London Institute: Department of Technology. Report on the Work of the Department for the Year 1945. Pp. 72. (London: John Murray, 1946.) 1s. net. Paper No. 104 : Intrinsic Safety of Electrical Apparatus ; the Minimum Igniting Current in relation to Circuit Constants. By G. Allsop, E. M. Guénault and A. D. I. Nicol. Pp. ii + 15. (London : H.M. Stationery Office, 1946.) 6d. net. [910 Scottish Society for Research in Plant-Breeding. Report (abridged) by the Directors and Report by the Director of Research. Pp. 42. (Edinburgh: Scottish Society for Research in Plant-Breeding, 1946.) [910] Denartment of Scientific and Industrial Research : Fuel Research

by the Directors and Report by the Director of Research. P. 42. (Edihourgh: Scottish Society for Research in Plant-Breeding, 1946.) [910 Department of Scientific and Industrial Research: Fuel Research. Experiments on Coking Practice : the Effect of Type of Oven upon the Properties of the Coke. P. iv + 30 + 41 plates. (London: H.M. Stationery Office, 1946.) 4s. net. [910 City of Manchester Public Libraries. Annual Report of the Com-mittee, 1945-1946. Pp. 39. (Manchester: Central Library, 1946.) [910 Association of Special Libraries and Information Bureaux. Report of ASLIB Meeting on Indexing and Filing of Unpublished Material. Pp. 36. (London: Association of Special Libraries and Information Bureaux, 1946.) 3s. to Members; 4s. to non-Members. [910 British Electrical and Allied Industrics Research Association. Annotated List of Published Reports. Pp. 112. (London: British Electrical and Allied Industrics Insection, 1945.) 5s. [910 Catalogue of Films of General Scientific Film Association. Pp. 188. (London: Association of Special Libraries and Information Bureaux, 1946.) 5s. [910 Catalogue of Films of General Scientific Film Association of Bureaux Pitain. Compiled by the Scientific Film Association for great Britain Compiled by the Scientific Film Association of Great Britain Lid. Handbook, with Classified Index of Instruments. Pp. 48 + 73. (London : Scientific Instrument Manufacturers' Association of Freat Britain, Ltd., 1940.] [910 Scientific Instrument Manufacturers' Association. Pp. 4. (Condon : Scientific Instruments, 1945.) 4. (91) British Rubber Producers' Research Association. Pp. 4. (910 Society for Freedom in Science. Occasional Pamphilet No. 5. The Future of Science and Technology. By N. S. Hubbard. Pp. 16. (Ox-ford : Dr. J. R. Baker, University Museum, 1946.) 1. (62. [910 British Rubber Producers' Research Association. Pp. 4. (910 British Rubber Producers' Research Association. Pp. 4. (910 British Rubber Producers' Research Association. Pp. 4. (910 British Rubber Producers' Research Association. Pp.

Other Countries

 Other Countries

 Carlbbean Commission: Committee on Agriculture. Nutrition,

 Fisheries and Forestry of the Carlbbean Research Council. Crop

 Inquiry Series, No. 1: Livestock in the Carlbbean. Pp. xi + 155.

 Crop Inquiry Series, No. 2: Grasses and Grassland Management in

 the Carlbbean. Pp. ix + 68. (Washington, D.C.: Carlbbean Commission, 1945.)

 Imperial College of Tropical Agriculture: Low Temperature

 Research Station. Memoir No. 22: Studies in Tropical Fruits, 16,

 The Distribution of Tannins within the Banana and the Changes in

 their Condition and Amount during Ripening. By H. R. Barnell and

 E. Barnell. Pp. 77-100. (Trinidad: Imperial College of Tropical

 Agriculture, 1945.)

 Dominion Museum Records in Entomology. Vol. 1, No. 3: A New

 Spider of the Family Archaeidae from New Zealand. By C. L. Wilton.

 Pp. 19-26. Vol. 1, No. 4: Collembla-Symphypicona from the

 Homer District, New Zealand. By Dr. J. T. Salmon. Pp. 27-62.

 (Wellington : Dominion Museum, 1946.)

 Oraliament of the Commonwealth of Australia. Nineteenth Annual

 Report of the Council for Scientific and Industrial Research, for the

 Year ended 30th June 1945. Pp. 164. (Canberra: Commonwealth

 Government Printer, 1945. Pp. 164. (Canberra: Commonwealth

 Guerthof the Council Socientific and Industrial Research, for the

(Education). Administration Report for 1944-45 of the Government Museum and Connemara Public Library. Pp. 2 + 14. (Madras: Government Printer, 1946.) [910

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P. 40 (2) match. Vol. 11, NO. 2. A New Gophere M. Klauber. Pp. 41-48 (Plate 3). (San Diego, Calif. : San Diego Society of Natural History, 1946.)
Ilo10 Carnegie Institution of Washington : Department of Terrestrial Magnetism. Publication 568 : Scientific Results of Cruise VII of the Carnegie during 1928-1929 under Command of Capt. J. P. Ault. Oceanography 3 : Ocean Atmospheric-Electric Results. By O. W. Torreson, O. H. Gish, W. C. Parkinson and G. R. Wait. Pp. vii + 178.
(Washington, D. C. : Carnegie Institution, 1946.) 2.25 dollars. [1010 U.S. Office of Education in Peru. By Cameron D. Ebaugh. Pp. vii + 91. 20 cents. Bulletin 1946, No. 5 : How to Build a Unit of Work. By Asst. Prof. Ruth G. Strickland. Pp. 1v + 48. 15 cents. (Washington, D. C. : Government Printing Office, 1946.)
(Washington, D. C. : Government Printing Office, 1946.)
(1100 Smithsonian Miscellaneous Collections. Vol. 106, No. 6 : The Nonmarine Mollusks of San José Island, with Notes on those of Pedro Gontález Island, Pearl Islands, Panamá. By J. P. E. Morison. (Publication 3850.) Pp. ii + 49 + 3 plates. Vol. 106, No. 13 : A New Carnivorous Dinosaur from the Lance Formation of Montana. By Charles W. Gilmore. (Publication 3857.) Pp. Ii + 19 + 4 plates. (Washington, D.C. : Smithsonian Institution, 1946.) (Wellington : Government Printer, 1946.) 2.2.
New Zealand. Twentieth Annual Report of the Department of Scientific and Industrial Research. Pp. 110. (Wellington : Government Printer, 1946.)
Sudan Government : Wellcome Chemical Laboratories, Sudan Medical Service, Khartoum. Report of the Government Analyst for the Year 1944. Pp. 11. (Khartoum : Wellcome Chemical Laboratories, 1946.)
Commonwealth of Australia : Council for Scientific and Industrial Research. Pp. 110.

for the Year 1944. Pp. 11. (Knartoum: we recome characterized tories, 1946.) [2110 Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 195: An Account of Experiments undertaken to Determine the Natural Population Density of the Sheep Blowfly, *Lucilia cuprina* Wied. By Darcy Gilmour, D. F. Waterhouse and G. A. McIntyre. Pp. 39 + 3 plates. (Melbourne: Government Printer, 1946.) [2410 Scientific and Technical Aspects of the Control of Atomic Energy. Pp. v + 42. (Lake Success, N.Y.: United Nations Department of Public Information; London: H.M. Stationery Office, 1946.) 25 cents: 18.

cents; 1e. [2410 Second Symposium on the Structure and Properties of Diamond. Pp. iii + 197 + 23 plates. (Bangalore : Indian Academy of Sciences, 1946.) [2410