

## FORTHCOMING EVENTS

Saturday, January 10

BRITISH INSTITUTION OF RADIO ENGINEERS (at the Federation of British Industries, 21 Tothill Street, London, S.W.1), at 3 p.m.—Dr. W. Wilson: "Recent Developments in the Design and Application of the Cathode Ray Oscillograph".

Monday, January 12

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 3 p.m.—Discussion on "Geographical Aspects of Regional Planning".

Wednesday, January 14

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Dr. E. F. Armstrong, F.R.S.: "The Post-War Home—its Interior and Equipment". 3: "Materials, Old and New".

Friday, January 16

ROYAL SOCIETY OF ARTS (INDIA AND BURMA SECTION) (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Sir Bryce Burt: "Agricultural Progress in India during the Decade 1929-39".

Saturday, January 10—Sunday, January 11

ASSOCIATION OF SCIENTIFIC WORKERS (at Caxton Hall, Westminster, London, S.W.1). Conference on "Science and the War Effort".

Saturday

10 a.m.—Opening Address by Sir A. Daniel Hall, K.C.B., F.R.S.  
10.30 a.m.—"University Training of Scientists". Dr. W. A. Wooster (Chairman), Prof. J. A. Carroll, Dr. V. E. Coslett, Mr. R. R. Siday, Mr. D. G. Arnott.

10.30 a.m.—"Building, Housing and A.R.P." Mr. Ove N. Arup (Chairman), Dr. E. Fitzmaurice, Miss J. M. Blanco White.

2 p.m.—"Training of Technical Personnel". Mr. E. G. Savage (Chairman), Mr. J. A. Lauwerys, Dr. E. A. Rudge, Mr. D. A. Bell, Dr. B. E. Gilbey.

2 p.m.—"Food and Agriculture" (1st Session). Sir John Russell, F.R.S. (Chairman), Sir John Orr, F.R.S., Sir A. Daniel Hall, K.C.B., F.R.S., Dr. H. M. Sinclair, Prof. H. D. Kay, Prof. F. G. Gregory, Dr. A. Walton.

4.30 p.m.—"Food and Agriculture" (2nd Session). Discussion.

Sunday

10 a.m.—"Utilisation of Scientific Personnel". Prof. S. Chapman, F.R.S. (Chairman), Prof. W. Wardlaw, Mr. E. D. Swann, Prof. H. Levy, F.R.S., Mr. D. P. Riley, Mr. F. M. H. Markham.

2 p.m.—"Application of Scientific Knowledge to Production and Services Problems". Prof. J. D. Bernal, F.R.S. (Chairman), Mr. T. Halse, Dr. P. Garland, Dr. K. Mendelsohn, Mr. J. W. Myers, Dr. J. Kuczynski, Mr. J. L. Pinder.

4.30 p.m.—Final Discussion. Mr. J. A. Henley, Prof. J. D. Bernal, F.R.S.

## APPOINTMENTS VACANT

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

DIETITIAN in charge of the Dietetic Department—The House Governor and Secretary, General Infirmary, Leeds (January 20).

LECTURER IN MECHANICAL ENGINEERING—The Principal, South-West Essex Technical College, Forest Road, Walthamstow, London, E.17.

EXECUTIVE ENGINEERS by the Nigerian Government Public Works Department—The Central Register (E.364), Ministry of Labour and National Service, Queen Anne's Chambers, Tothill Street, London, S.W.1.

ASSISTANT ENGINEER by the Sierra Leone Government Railway—The Central Register (E.365), Ministry of Labour and National Service, Queen Anne's Chambers, Tothill Street, London, S.W.1.

ENGINEER by the Sierra Leone Government Public Works Department—The Central Register (E.372), Ministry of Labour and National Service, Queen Anne's Chambers, Tothill Street, London, S.W.1.

PSYCHOLOGIST (man) at the Sutton L.C.C. Hospital, Sutton—The Medical Officer of Health (B), Mental Health Services, West Park Hospital, Epsom, Surrey.

PROFESSOR OF PHYSIOLOGY—The Secretary, University College, Cork.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Research Reports of the British Non-Ferrous Metals Research Association. Association Series No. 562: Researches on the Structure of Alloys. By Dr. W. Hume-Rothery. Pp. 20. (London: British Non-Ferrous Metals Research Association.) 2s. 6d. [1012]

List of Fossil Plants found in the Coal-Bore made at Washing Bay, Co. Tyrone, in 1918; with Short Descriptions of New Species. Collected, identified and given to the National Museum of Ireland by Dr. T. Johnson. Pp. 13. (Dublin: National Museum.) [1212]

University College of Wales, Aberystwyth: Welsh Plant Breeding Station. War Food Production Advisory Bulletin No. 6: Cereal Production. By E. T. Jones. Pp. 46. (Aberystwyth: Welsh Plant Breeding Station.) 1s. [1212]

Other Countries

Forest Bulletin No. 92: The Testing of Packing Cases for Army Boots and Suggested Improvements in their Design. By V. D. Limaye. Pp. iii+7+3 plates. 6 annas; 7d. Forest Bulletin No. 93: Indian Timbers for Tool Helves and Handles. By V. D. Limaye. Pp. iii+8+2 plates. 5 annas; 6d. (Delhi: Manager of Publications.) [412]

Ceylon. Part 4: Education, Science and Art (D). Administration Report of the Acting Director of Agriculture for 1940. By E. Rodrigo. Pp. D18. (Colombo: Government Record Office.) 30 cents. [412]

Records of the Geological Survey of India. Vol. 76, Bulletins of Economic Minerals No. 4: Phosphates. By M. S. Krishnan. Pp. 38+1 plate. (Calcutta: Geological Survey of India.) 12 annas; 1s. [512]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 41: Fertilizer Experiments on Sugar cane in India, 1932-39. By Dr. R. D. Edge. Pp. 64+1 plate, 3 rupees; 5s. Miscellaneous Bulletin No. 42: Fruit Pests of Baluchistan. By Nazeer Ahmed Janjua and C. K. Samuel. Pp. 42+3 plates. 2 rupees; 3s. (Delhi: Manager of Publications.) [512]

Report of the Kodalkanal Observatory for the Year 1940. Pp. 4. (Delhi: Manager of Publications.) 2 annas; 3d. [512]

Annual Report of the Agricultural Meteorology Section, India Meteorological Department, for the Year 1939-40. Pp. vi+38. (Simla: Government of India Press.) [512]

Dominion of Canada. Report of the Department of Mines and Resources including Report of Soldier Settlement of Canada for the Fiscal Year ended March 31, 1941. Pp. 244. (Ottawa: King's Printer.) 50 cents. [1012]

Publications of the Dominion Astrophysical Observatory, Victoria, B.C. Vol. 7, No. 10: Radial Velocities and Spectral Line Intensities for Iota Herculis. By R. M. Petrie and William Petrie. Pp. 189-198, Vol. 7, No. 11: The Spectrographic Orbital Elements of H.D.23277. By R. M. Petrie. Pp. 199-204. (Victoria, B.C.: Dominion Astrophysical Observatory.) [1012]

Nyasaland Protectorate: Geological Survey Department: Colonial Development. Water Supply Investigation Progress Report (No. 10) for the Year 1940. Pp. 8. (Zomba: Government Printer.) 1s. [1112]

Annual Report of the Haffkine Institute for 1939. By Lt.-Col. S. S. Sokhey. Pp. iii+94. (Bombay: Government Printing and Stationery Office; London: High Commissioner for India.) 4 annas; 5d. [1212]

Union of South Africa: Department of Agriculture and Forestry. Science Bulletin No. 232 (Chemistry Series No. 166): Dinitro-Ortho-Cresol and other Insecticides as Locust Poisons; Experiments of 1938-39. By M. C. A. Nolte. Pp. 55. 6d. Chemistry Series No. 167: Chrome Ores of the Western Bushveld Complex. By Dr. C. F. J. van der Walt. (Reprinted from "Transactions of the Geological Society of South Africa", Vol. 44, 1941.) Pp. 34. (Pretoria: Government Printing and Stationery Office.) [1612]

Report of the Aeronautical Research Institute, Tokyo Imperial University. No. 212: The Coupling of the Propeller Blade Bending Vibration with the Crankshaft Twisting Vibration of a V Type Engine. By K. Tanaka and T. Ohino. Pp. 43. (Tōkyō: Kōgyō Toshō Kabushiki Kaisha.) 95 sen. [1612]

Indian Central Jute Committee. Technological Research Memoir No. 3: The Moisture Regain of Jute at a Range of Atmospheric Humidities. By C. R. Nodder, K. R. Sen and B. K. Chakrabarti. Pp. 10. (Calcutta: Indian Central Jute Committee.) 1 rupee; 2s. [1612]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 45: Investigations on the Cold Storage of Potatoes. By Dr. D. V. Karmarkar and B. M. Joshi. Pp. 22. (Delhi: Manager of Publications.) 1 rupee; 1s. 6d. [1612]

Report of the King Institute of Preventive Medicine, Guindy, for the Year ending 30th September 1940, by Lt.-Col. H. E. Shortt; and Report of the Government Analyst, Madras, by Herbert Hawley. Pp. 73+3. (Madras: Government Press.) 8 annas. [1612]

Josiah Macy, Jr. Foundation. A Review by the President of Activities for the Four Years ended December 31, 1940, with Extracts from the Treasurer's Report for the Years 1937-1940. Pp. 125. (New York: Josiah Macy, Jr. Foundation.) [1612]

Journal of the Indian Institute of Science. Vol. 23 A, Part 11: On a New Method of Synthesis of Phenanthrene Derivatives. By P. C. Guha and S. Krishnamurthy. Pp. 183-190. 12 annas. Vol. 23A, Part 12: Synthetic Experiments in the Camphane Series, Part 6: Synthesis of Homocamphoronic Acid. By P. C. Guha, K. S. Subramanian and V. R. Srinivasan. Pp. 191-200. 14 annas. Vol. 23A, Part 13: On Utilization of Indian Turpentine Oils. Part 1: The Constituents of Turpentine Oil from *Pinus longifolia* Roxb., *Pinus excelsa*, *Pinus khasya* and *Pinus merkussi*; Part 2: Conversion of  $\alpha$ - and  $\beta$ -Pinenes into Bornyl Acetate by Acetic Acid in Presence of Catalysts; Part 3 (i) Catalytic Isomerisation of  $\alpha$ -Pinene and  $\beta$ -Pinene to Camphene, (ii) Synthesis of Camphor from Pinene-Camphene Mixture. By P. C. Guha and Arunendra Narayan Roy. Pp. 201-226. 1.12 rupees. Vol. 23A, Part 14: Activation and Clarifying Properties of Fuller's Earth, Part 7: Activation of Fuller's Earth. By B. S. Kulkarni and S. K. K. Jafkar. Pp. 227-236. 12 annas. (Bangalore: Indian Institute of Science.) [1612]

Annual Report of the Public Health Commissioner with the Government of India for 1940. Pp. vi+110. (Delhi: Manager of Publications.) 12 annas; 1s. [1612]

Bulletin of the American Museum of Natural History. Vol. 78, Art. 6: The Morphological and Functional Evolution of the Tarsus in Amphibians and Reptiles. By Bobb Schaefer. Pp. 395-472. Vol. 78, Art. 7: On a Collection of Millipedes and Centipedes from North-eastern Peru. By Ralph V. Chamberlain. Pp. 473-536. (New York: American Museum of Natural History.) [1612]