

FORTHCOMING EVENTS

Saturday, April 18

BRITISH INSTITUTION OF RADIO ENGINEERS (at the Federation of British Industries, 21 Tothill Street, London, S.W.1), at 3 p.m.—Mr. P. P. Eckersley: "Future Developments in Communication Technique".

Monday, April 20

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. E. Ambrose: "The Distribution of Electricity" (Cantor Lecture, 1). (Subsequent Lectures on April 27 and May 4.)

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 5 p.m.—Major the Hon. R. A. B. Hamilton: "Six Weeks in Shabwa".

Tuesday, April 21

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—Mr. M. G. Kendall: "The Future of Statistics".

Wednesday, April 22

INSTITUTE OF PHYSICS (LONDON AND HOME COUNTIES' BRANCH) (JOINT MEETING WITH THE GEOLOGICAL SOCIETY OF LONDON) (in the Geological Society's Rooms, Burlington House, Piccadilly, London, W.1), at 3 p.m.—"Some Aspects of Geophysical Survey". Dr. J. M. Bruckshaw: "Some Factors limiting Geophysical Prospecting"; Dr. A. F. Hallimond: "Magnetic Explorations of the Geological Survey"; Prof. V. C. Illing: "Geophysics Applied to Oil Geology"; Dr. D. T. Germain-Jones: "Seismic Refraction Technique"; Prof. O. T. Jones, F.R.S.: "The Relation of Geophysics to Geology".

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 4.30 p.m.—Major H. C. Gunton: "Report on the Phenological Observations in the British Isles from December 1940 to November 1941"; Dr. Maung Po E: "The Foreshadowing of the Rainfall of Burma".

Thursday, April 23

BRITISH SOCIETY FOR INTERNATIONAL BIBLIOGRAPHY (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 2.15 p.m.—Annual General Meeting; Presidential Address; Symposium with demonstrations on the Photographic Reproduction of Documents.

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1) at 4.30 p.m.—Sir Arthur Keith, F.R.S., will exhibit Cranial Casts of South African Anthropoids, discovered by Dr. R. Broom, F.R.S., possessing Characters hitherto regarded as Human. Mr. R. E. Smith and Prof. C. N. Hinshelwood, F.R.S.: "The Detection and Inhibition of Free Radical Chain Reactions". Mr. W. S. Bullough: "The Starling and Foot-and-Mouth Disease".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 6 p.m.—Dr. O. E. Buckley: "The Future of Transoceanic Telephony" (Thirty-third Kelvin Lecture).

Friday, April 24

ROYAL SOCIETY OF ARTS (INDIA AND BURMA SECTION) (at John Adam Street, London, Adelphi, W.C.2), at 1.45 p.m.—Sir Hassan Suhrawardy: "The Development of Medical Education in India".

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Prof. C. H. Lander: "A Review of Recent Progress in Heat Transfer" (to be followed by a Discussion).

APPOINTMENTS VACANT

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

SENIOR ENGINEERING ASSISTANT TO THE STAFFORDSHIRE POTTERIES WATER BOARD—Mr. P. Wilkinson, Engineer's Offices, Albion Street, Hanley, Stoke-on-Trent (endorsed 'Senior Engineering Assistant') (April 22).

LECTURER IN THE DEPARTMENT OF MATHEMATICS—The Registrar, University College of Swansea, Singleton Park, Swansea (April 22).

PRINCIPAL of the Durham Road Senior Technical and Commercial Evening Institute and Day Technical Classes—The Director of Education, Education Offices, Prince Consort Road S., Gateshead 8 (April 24).

ASSISTANT MASTER TO TEACH MATHEMATICS AND ELEMENTARY SCIENCE in the Junior Technical School—The Secretary for Education, Tudor House, Friar Street, Worcester (April 25).

UNIVERSITY CHAIR OF OIL ENGINEERING AND REFINING (PETROLEUM TECHNOLOGY)—The Secretary, The University, Edmund Street, Birmingham 3 (May 9).

UNIVERSITY READERSHIP IN ORGANIC CHEMISTRY tenable at London (R.F.H.) School of Medicine for Women—The Academic Registrar, University of London, Richmond, Surrey (May 12).

UNIVERSITY CHAIR OF RADIOLOGY (THERAPEUTIC) tenable at Middlesex Hospital Medical School—The Academic Registrar, University of London, Richmond College, Richmond, Surrey (May 26).

SECOND ASSISTANT PORT ENGINEER by the Iraq Government for the Basrah Port Directorate—The Central Register, Ministry of Labour and National Service, Queen Anne's Chambers, Tothill Street, London, S.W.1 (quoting E426).

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

The Old World and the New Society: a Report on the Problems of War and Peace Reconstruction. Pp. 32. (London: The Labour Party.) 3d. [113]

Tin Research Institute. Publication No. 108: Surface Hardness of Metals. By Dr. Bruce Chalmers. Pp. 20+2 plates. (Greenford: Tin Research Institute.) [123]

Institution of Gas Engineers. Communication No. 242: 2nd Report of the Chairmen's Technical Committee, 1940-41. Pp. 12. Communication No. 243: 18th Report of the Gas Education Committee, 1940-41. Pp. 36. Communication No. 244: Institution Gas Research Fellowship Report, 1939-40. Pp. 36. Communication No. 245: Institution Gas Research Fellowship Interim Report, 1941. Pp. 32. (London: Institution of Gas Engineers.) [123]

Gas Research Board. Communication GRB4: 2nd Annual Report of the Council of the Gas Research Board. Pp. 16. Communication GRB5: 32nd Report of the Refractory Materials Joint Committee. Pp. 92. (London: Gas Research Board.) [123]

Young Farmers' Club. Booklet No. 2: Bee Keeping. By Reginald Gamble. Pp. 48. 6d. Booklet No. 6: Grassland. By J. O. Thomas. Pp. 50. 6d. Booklet No. 8: Goat Keeping. Pp. 48. 6d. Booklet No. 9: Garden and Farm Insects. By A. J. A. Woodcock. Pp. 48. 6d. (Radlett: National Federation of Young Farmers' Clubs.) [123]

University of London: University College. Annual Report, February 1941-February 1942. Pp. 47. (London: Taylor and Francis, Ltd.) [133]

London Shellac Research Bureau. Technical Paper No. 21: Reaction of Lac and Lead Tetra-Acetate. By Dr. B. S. Gidvani and Dr. R. Bhattacharya. Pp. 16. Technical Paper No. 22: Reaction of Lac with Metallic Oxides, Part 1. By N. R. Kamath and Dr. R. Bhattacharya. Pp. 16. (London: London Shellac Research Bureau.) [133]

British Rubber Producers' Research Association. Publication No. 14: The Number of Configurations of a Cooperative Assembly. By A. R. Miller. Pp. 109-124. (London: British Rubber Producers' Research Association.) [163]

Proceedings of the Royal Irish Academy. Vol. 47, Section A, Nos. 3, 4: Exchange and Spin, by Erwin Schrödinger, with a Note by James Hamilton; The Factorization of the Hypergeometric Equation, by Erwin Schrödinger. Pp. 39-54. 1s. Vol. 47, Section A, No. 5: A Class of Groups. By Ernest Best and Olga Tausky. Pp. 55-62. 1s. Vol. 47, Section B, No. 6: Salmon of the Owenduff (Ballyroy) River. By Arthur E. J. Went. Pp. 161-178. 1s. Vol. 47, Section B, No. 7: Excretion of Glucose by the Rabbit Kidney, Part 3: The Influence of Urethane, Insulin, and Adrenalin on the Kidney Threshold for Glucose. By T. W. T. Dillon and S. Feric. Pp. 179-204. 1s. 6d. Vol. 47, Section B, No. 8: Characteristics of Irish Soil Types, Part 1. By Patrick H. Gallagher and Thomas Walsh. Pp. 205-250+plate 3. 2s. 6d. Vol. 47, Section B, No. 9: The Influence of Temperature on Animal Oxidation. By J. M. O'Connor and D. K. O'Donovan. Pp. 251-274. 1s. Vol. 47, Section B, No. 10: Expansion of Monomolecular Layers of Mixed Saturated Fatty Acids. By F. Kane. Pp. 265-274. 1s. Vol. 47, Section B, No. 11: *Thomondia*, a new Trilobite Genus from Co. Clare. By J. C. Harper. Pp. 275-278+plate 4. n.p. Vol. 47, Section B, No. 12: The Granite Duff near Brittas, on the Border between County Dublin and County Wicklow. By A. Farrington. Pp. 279-292+plate 5. 1s. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [233]

Other Countries

Field Museum of Natural History. Zoological Series, Vol. 22, No. 8: The Amphibians and Reptiles of British Honduras. By Karl P. Schmidt. (Publication 512.) Pp. 473-510. 40 cents. Zoological Series, Vol. 27: Papers on Mammalogy. Published in honor of Wilfred Hudson Osgood. (Publication 511.) Pp. 395+12 plates. 3 dollars. (Chicago: Field Museum of Natural History.) [93]

Forest Bulletin No. 98: An Indirect-heated Internal-fan Furnace Kiln (Blower-cum-Furnace Kiln) for Drying Packing-Case Timbers. By M. A. Rehman, assisted by Inder Kishen Kapur. Pp. vi+7+1 plate. (Delhi: Manager of Publications.) 5 annas; 6d. [133]

Durban Museum and Art Gallery. Annual Report for Municipal Year 1940-1941. Pp. 12+4 plates. (Durban: Durban Museum and Art Gallery.) [163]

South Australia: Institute of Medical and Veterinary Science. Third Annual Report of the Council, July 1940-June 1941. Pp. 8. (Adelaide: Institute of Medical and Veterinary Science.) [183]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 47: Definition and Characteristics of Dhanni and Khillari Cattle and Nili, Ravi and Surti Buffaloes. Pp. iv+20+14 plates. (Delhi: Manager of Publications.) 1.6 rupees; 2s. [193]

Science and Ethics. 1: A Biologist's View; 2: The Hindu View. By D. V. Gundappa. Pp. 32. (Bangalore: Karnataka Publishing House.) [193]

U.S. Department of Agriculture. Circular No. 615: Studies on the Control of Cabbage Caterpillars with Derris in the South. By W. J. Reid, Jr., C. E. Smith, L. B. Reed and C. O. Bare. Pp. 27. 10 cents. Technical Bulletin No. 788: Relative Effectiveness of Acid Lead Arsenate and other Materials as Stomach Poisons for the Larvae of the Japanese Beetle. By Walter E. Fleming. Pp. 32. 10 cents. (Washington D.C.: Government Printing Office.) [203]

U.S. Office of Education: Federal Security Agency. Vocational Division Bulletin No. 212 (Occupational Information and Guidance Series No. 5): Occupational Information and Guidance Bibliography, 1937-38. Compiled by Pedro T. Orata assisted by Waldo B. Cookingham. Pp. xi+521. (Washington, D.C.: Government Printing Office.) 55 cents. [233]