

Forthcoming Events

Tuesday, April 12

QUEKETT MICROSCOPICAL CLUB (at 11 Chandos Street, Cavendish Square, W.1), at 7.30.—Prof. F. J. Cole, F.R.S.: "Microscopic Science in Holland in the Seventeenth Century". (Open to the public.)

Wednesday, April 13

SOCIETY OF GLASS TECHNOLOGY (in the University, Sheffield), at 2.—Annual General Meeting.

FARADAY SOCIETY, April 11–13. General Discussion on "Chemical Reactions Involving Solids", to be held in the University of Bristol.

Appointments Vacant

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

ASSISTANT ENGINEER in the Roads Department of the Ministry of Transport—The Assistant Secretary, Establishment Department, Ministry of Transport, Metropole Buildings, Northumberland Avenue, W.C.2 (April 11).

CIVILIAN INSTRUCTOR (engineering) for the Royal Army Service Corps Training Centre, Aldershot—The Under-Secretary of State (C.5), War Office, London, S.W.1 (April 11).

SENIOR TECHNICAL OFFICER at the Air Ministry Headquarters, London—The Secretary, Air Ministry (S.2.d), Adastral House, Kingsway, W.C.2 (April 15).

SCIENTIFIC OFFICER in the Air Ministry Research Pool—The Chief Superintendent, Royal Aircraft Establishment, South Farnborough, Hants (April 15).

JUNIOR SCIENTIFIC OFFICERS at the Building Research Station, Garston—The Establishment Officer, Department of Scientific and Industrial Research, 16 Old Queen Street, Westminster, S.W.1 (April 19).

JUNIOR SCIENTIFIC OFFICERS at the National Physical Laboratory, Teddington, Middlesex—The Director (April 19).

LECTURER AND ASSISTANT LECTURER IN MECHANICAL ENGINEERING in the Belfast College of Technology—The Director of Education, Victoria Street, Belfast (April 23).

CIVILIAN EDUCATION OFFICER (grade III) in the Royal Air Force Educational Service—The Secretary, Air Ministry (E.S.1), Adastral House, Kingsway, London, W.C.2 (April 23).

HEAD OF THE CIVIL AND MECHANICAL ENGINEERING DEPARTMENT of the Northampton Polytechnic, St. John Street, London, E.C.1.—The Principal (April 25).

ASSISTANT LECTURER IN STATISTICS in the London School of Economics, Houghton Street, Aldwych, London, W.C.2—The Secretary (April 30).

ASSISTANTS (grades II and III) in the department of War Department Chemist—The Under-Secretary of State (C.5), War Office, Whitehall, London, S.W.1 (April 30).

INSTRUCTOR IN DOMESTIC ENGINEERING in the Education Department of the Straits Settlements—The Crown Agents for the Colonies, 4 Millbank, London, S.W.1.

LECTURER (woman) IN HYGIENE AND BIOLOGY in the Avery Hill Training College—The Education Officer (H.2/1), County Hall, London, S.E.1.

ASSISTANTS (grade III) in the Meteorological Office—The Secretary (S.2.A), Air Ministry, Adastral House, Kingsway, W.C.2.

DIRECTOR OF THE NATIONAL INSTITUTE OF POULTRY HUSBANDRY—The Principal, Harper Adams Agricultural College, Newport, Shropshire.

CIVIL ENGINEER in the Public Works Department of the Sudan Government—The Controller, Sudan Government London Office, Wellington House, Buckingham Gate, S.W.1.

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

British Museum (Natural History). John Murray Expedition, 1933-4. Scientific Reports, Vol. 5, No. 5: The Astacura and Palinura. By Dr. M. Ramadan. Pp. 123-146. 2s. 6d. Scientific Reports, Vol. 5, No. 6: Pycnogonida. By Dr. W. T. Calman. Pp. 147-166. 2s. 6d. (London: British Museum (Natural History).) [163]

Committee of the Privy Council for Medical Research. Report of the Medical Research Council for the Year 1936-7. (Cmd. 5671.) Pp. 195+xiv. (London: H.M. Stationery Office.) 3s. net. [183]

Report of the Rugby School Natural History Society for the Year 1937. Pp. 67+2 plates. (Rugby: George Over (Rugby), Ltd.) [213]

Other Countries

South Australian Department of Mines. Mining Review for the Half-Year ended 30th June, 1937. (No. 66.) Pp. 111+4 plates. (Adelaide: Government Printer.) [153]

Lunds Universitets Årsskrift. N.F., Avd. 2, Bd. 33, Nr. 4: Kungl. Fysiografiska Sällskapet Handlingar, N.F. Bd. 48, Nr. 4. Meddelande från Lunds Astronomiska Observatorium, Ser. 2, Nr. 90: On an Apparent Connection between Sunspot Frequency, Meteorite Frequency, and the Longitudes and Conjunctions of the Major Planets. By Nils Malmquist. Pp. 23. Lunds Universitets Årsskrift, N.F. Avd. 2, Bd. 34, Nr. 4: Kungl. Fysiografiska Sällskapet Handlingar, N.F. Bd. 49, Nr. 4. Meddelande från Lunds Astronomiska Observatorium, Ser. 2, Nr. 86: The Distributions of the Second Moment and of the Correlation Coefficient in Samples from Populations of Type A. By Carl Erik Glerup. Pp. 111. Lunds Universitets Årsskrift, N.F. Avd. 2, Bd. 34, Nr. 7: Kungl. Fysiografiska Sällskapet Handlingar, N.F. Bd. 49, Nr. 7. Meddelande från Lunds Astronomiska Observatorium, Ser. 2, Nr. 93: Positions of 75 Stars supposed to be Members of the Taurus Cluster. By Helge Nordström. Pp. 17. (Lund: C. W. K. Gleerup; Leipzig: Otto Harrassowitz.) 1 kr.

Meddelande från Lunds Astronomiska Observatorium. Ser. 2, Nr. 91: Historical Notes and Papers, Nr. 12: On the Historical Origins of Atomism. By Per Collinder. Pp. 8. Ser. 2, Nr. 92: Invisible Companions of Parallax Stars revealed by means of Modern Trigonometric Parallax Observations. By Erik Holmberg. Pp. 23+1 plate. (Lund: C. W. K. Gleerup.) [163]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 778: Geology and Ground-Water Resources of Webb County, Texas. By John T. Lonsdale and James R. Day. Pp. v+104+12 plates. 30 cents. Water-Supply Paper 796 C.: Flood in La Cañada Valley, California, January 1, 1934. By Harold C. Troxell and John Q. Peterson. Pp. iv+53-93+19 plates. 20 cents. Water-Supply Paper 797: Selected Bibliography on Erosion and Silt Movement. By Gordon R. Williams and others. Pp. 31. 15 cents. Water-Supply Paper 904: Surface Water Supply of the United States, 1936. Part 4: St. Lawrence River Basin. Pp. 160. 25 cents. Water-Supply Paper 808: Surface Water Supply of the United States, 1936. Part 8: Western Gulf of Mexico Basins. Pp. 262. 35 cents. Water-Supply Paper 809: Surface Water Supply of the United States, 1936. Part 9: Colorado River Basin. Pp. 137. 30 cents. Water-Supply Paper 812: Surface Water Supply of the United States, 1936. Part 12: Pacific Slope Basins in Washington and Upper Columbia River Basins. Pp. 161. 25 cents. Water-Supply Paper 813: Surface Water Supply of the United States, 1936. Part 13: Snake River Basin. Pp. 242. 35 cents. (Washington, D.C.: Government Printing Office.) [163]

Proceedings of the Fourth International Locust Conference, Cairo, April 22, 1936. Pp. ix+51 papers+4 plates. (Cairo: Government Press.) [183]

U.S. Department of the Interior: Geological Survey. Bulletin 880-D: The Eska Creek Coal Deposits, Matanuska Valley, Alaska. By Ralph Tuck. Pp. ii+185-213. 35 cents. Bulletin 895-A: Geophysical Abstracts 88, January-March, 1937. Compiled by W. Ayzavoglou. Pp. ii+42. 10 cents. (Washington, D.C.: Government Printing Office.) [213]

Proceedings of the American Academy of Arts and Sciences. Vol. 72, No. 3: An Experimental Study of the Absolute Temperature Scale. 5: The Reproducibility of the Ice Point and the Triple Point of Water; The Temperature of the Triple Point of Water. By James A. Beattie, Tzu-Ching Huang and Manson Benedict. Pp. 136-155. 50 cents. Vol. 72, No. 4: The Resistance of Nineteen Metals to 30,000 Kg./Cm.². By P. W. Bridgman. Pp. 156-205. 90 cents. Vol. 72, No. 5: Rough Compressibilities of Fourteen Substances to 45,000 Kg./Cm.². By P. W. Bridgman. Pp. 206-225. 40 cents. Vol. 72, No. 6: Polymorphic Transitions up to 50,000 Kg./Cm.² of Several Organic Substances. By P. W. Bridgman. Pp. 226-268. 80 cents. (Boston: American Academy of Arts and Sciences.) [213]

Field Experiments on Sugar-Cane in Trinidad: Annual Report for 1937. By P. E. Turner. Pp. 95. (Trinidad: Sugar-Cane Investigation Committee.) [213]

U.S. Department of Agriculture. Leaflet No. 145: Clothes Moths. By E. A. Back. Pp. 8. (Washington, D.C.: Government Printing Office.) 5 cents. [213]

University of Illinois: Engineering Experiment Station. Bulletin No. 299: Solution of Electrical Networks by Successive Approximations. By Laurence L. Smith. Pp. 40. (Urbana: University of Illinois.) 45 cents. [212]

Det. Kgl. Danske Videnskabernes Selskab. Matematisk-fysiske Meddelelser, 15, 6: Hg-Dynamics 1: Theory of the Laminar Flow of an Electrically Conductive Liquid in a Homogeneous Magnetic Field. By Prof. Jul. Hartmann. Pp. 28. 1.50 kr. Hg-Dynamics 2: Experimental Investigations on the Flow of Mercury in a Homogeneous Magnetic Field. By Prof. Jul. Hartmann and Freimut Lazarus. Pp. 45. 2.50 kr. (Copenhagen: Levin and Munksgaard.) [213]

Department of Natural Resources, Newfoundland: Division of Fishery Research. Annual Report of Fishery Research Laboratory, 1936-37. Pp. 49. (St. Johns, Newfoundland: Department of Natural Resources.) 25 cents. [213]

Memoirs of the Geological Survey of India. Vol. 72, Part 1: The Geology of Parts of the Minbu, Pakokku and Lower Chindwin Districts, Burma. By Dr. G. de P. Cotter. Pp. xxi+136+xl+11 plates. (Delhi: Manager of Publications.) 5.12 rupees; 9s. 6d. [213]

Catalogues, etc.

Catalogue of Second-hand Scientific Books mainly from the Library of Dr. J. W. Mellor, D.Sc., F.R.S., including an Important Collection of Transactions of Learned Societies and Scientific Journals. (Catalogue No. 44.) Pp. 68. (London: Harrods Scientific Book Department.)

Rare Africana, 1938. (Catalogue No. 625.) Pp. 37+1 plate. (London: Francis Edwards, Ltd.)