

Friday, April 2

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS, PHYSICAL METHODS GROUP (at Birmingham), at 2.30 p.m.—Visit to the Physics Department of the University, Bristol Road, Edgbaston; at 6.30 p.m. (in the English Theatre, Mason's College).—Papers on "The Determination of Radioactive and Stable Tracer Isotopes".

PHYSICAL SOCIETY, OPTICAL GROUP (in the Physics Department, Imperial College of Science, Imperial Institute Road, London, S.W.7) at 3.30 p.m.—Mr. C. G. Wynne: "Wide-aperture Mirror Lens Systems"; Mr. R. W. G. Hunt: Demonstrations.

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENTS SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "High-Speed Recording of Optical and Electrical Transients" (to be opened by Mr. H. A. Prime).

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. H. O. Hartley: "Some Short Cuts in Statistical Calculations".

SOCIETY OF DYERS AND COLOURISTS, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6 p.m.—Annual General Meeting.

Friday, April 2—Saturday, April 3

ASSOCIATION OF SPECIAL LIBRARIES AND INFORMATION BUREAUX, NORTHERN BRANCH (at Leeds).—Conference.

APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN BACTERIOLOGY at the Essex Institute of Agriculture, Writtle, Chelmsford.—The Chief Education Officer, County Offices, Chelmsford (April 3).

LECTURER IN MATHEMATICS—The Principal, County Mining and Technical School, Nuneaton (April 3).

HEAD OF THE CHEMISTRY DEPARTMENT, and HEAD OF THE MECHANICAL ENGINEERING DEPARTMENT, in the Technical Education Branch of the Department of Public Instruction, New South Wales.—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2 (April 5).

TEACHER OF BOTANY AND BACTERIOLOGY IN THE CHEMISTRY DEPARTMENT—The Principal, College of Technology, Belfast (April 5).

DISTRICT METALLURGIST, Mines Department, Southern Rhodesia—The Secretary, Office of the High Commissioner for Southern Rhodesia, 429 Strand, London, W.C.2 (April 7).

CHIEF LABORATORY TECHNICIAN FOR PATHOLOGY AND BACTERIOLOGY DEPARTMENT—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire (April 10).

SCIENTIFIC ASSISTANT IN THE DEPARTMENT OF THE CHIEF DEVELOPMENT AND RESEARCH OFFICER—The Staff Officer (Ref. ER/E.467), London Transport, 55 Broadway, London, S.W.1 (April 10).

SECRETARY TO THE INSTITUTE—The Registrar, University College Institute of Education, Hull (April 10).

SENIOR INDUSTRIAL CHEMIST and a JUNIOR INDUSTRIAL CHEMIST at the Atomic Energy Research Establishment, Harwell (for control of water supply to the Establishment, effluent disposal arrangements and general chemical service to the Chief Engineer, including control of boiler house, fuel economy, water treatment and large water distillation plants).—The Ministry of Labour and National Service, Technical and Scientific Register, Room 669, York House, Kingsway, London, W.C.2, quoting F.215/48A (April 12).

RESEARCH AND TEST BAKER to the British Baking Industries' Research Association.—The Ministry of Labour and National Service, Technical and Scientific Register, Room 669, York House, Kingsway, London, W.C.2, quoting F.179/48 (April 12).

LECTURER (GRADE II) IN BOTANY (Morphological)—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (April 15).

LECTURER IN CHEMISTRY in the United College, St. Andrews.—The Secretary, The University, St. Andrews (April 15).

SENIOR LECTURER IN PHYSICS and a LECTURER IN PHYSICS—The Principal, Chelsea Polytechnic, London, S.W.3 (April 15).

LECTURER (GRADE III) IN THE DEPARTMENT OF GEOGRAPHY—The Clerk, Birkbeck College, London, E.C.4 (April 17).

LECTURER IN THEORETICAL PHYSICS and an ASSISTANT LECTURER IN THEORETICAL PHYSICS—The Registrar, The University, Manchester 13 (April 17).

SUPERINTENDENT OF THE PHYSICS DIVISION of the National Physical Laboratory in the Department of Scientific and Industrial Research.—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2140 (April 21).

PRINCIPAL SCIENTIFIC OFFICER IN THE ARMAMENT RESEARCH DEPARTMENT of the Ministry of Supply.—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2139 (April 22).

SENIOR PRINCIPAL SCIENTIFIC OFFICER IN THE INFESTATION CONTROL DIVISION of the Ministry of Agriculture and Fisheries.—The Secretary, Civil Service Commission, Scientific Branch, 27 Grosvenor Square, London, W.1, quoting No. 2138 (April 23).

ENTOMOLOGIST in the Inter-territorial Tsetse Reclamation Department, East Africa.—The Under-Secretary of State, Colonial Office (Research Department), Palace Chambers, Bridge Street, London, S.W.1 (April 24).

LECTURER (Grade II) IN THE DEPARTMENT OF PSYCHOLOGY—The Registrar, The University, Liverpool (April 24).

LECTURER IN SOCIAL ANTHROPOLOGY and a LECTURER IN PUBLIC ADMINISTRATION, for the Department of Social Studies.—The Registrar, University, Leeds 2 (April 24).

PROFESSOR OF MATHEMATICS—The Secretary and Registrar, University College of North Wales, Bangor (April 24).

GOVERNMENT CHEMIST in the Public Works Department of the Gold Coast.—The Director of Recruitment (Colonial Service), 15 Victoria Street, London, S.W.1 (April 30).

RESEARCH FELLOWS IN PHYSICS AND CHEMISTRY, including physical and organic chemistry, biochemistry, chemotherapy, pharmacology and engineering (Fellowships for Scientific Research established by I.C.I., Ltd.).—The Secretary, The University, Edinburgh (April 30).

LECTURER IN MATHEMATICS, to teach Pure and Applied Mathematics, more particularly the latter.—The Very Reverend the Dean, Christ Church, Oxford (May 1).

LECTURER IN SOCIAL ANTHROPOLOGY, and a RESEARCH ASSISTANT IN SOCIAL ANTHROPOLOGY—The Secretary, University College, Gower Street, London, W.C.1 (May 1).

LECTURER IN VERTEBRATE ZOOLOGY and a DEMONSTRATOR, for the Department of Zoology and Applied Entomology.—The Secretary, Imperial College of Science and Technology, South Kensington, London, S.W.7 (May 15).

LECTURER (Grade II) IN MARINE ZOOLOGY (Fisheries) at Port Erin Station.—The Registrar, The University, Liverpool (June 9).

ADMINISTRATIVE OFFICER TO THE PNEUMOKONIOSIS RESEARCH UNIT of the Medical Research Council at Cardiff.—The Director, Pneumokoniosis Research Unit, Llandough Hospital, Cardiff.

AGRICULTURAL CHEMIST IN THE DEPARTMENT OF AGRICULTURE, British Guiana, to undertake analytical and advisory work relating to soil crops and animal nutrition.—The Director of Recruitment (Colonial Service), Colonial Office, 15 Victoria Street, London, S.W.1.

ASSISTANT EXPERIMENTAL OFFICER (male or female) IN THE PLANT AND ANIMAL PRODUCTS DEPARTMENT of the Imperial Institute, in the Intelligence Section.—The Establishment Officer, Imperial Institute, London, S.W.7.

LECTURER IN PHYSICS—The Registrar, University College, Exeter. **MICRO-ANALYST IN THE DEPARTMENT OF ORGANIC CHEMISTRY**—Prof. W. Baker, The University, Bristol 8.

SENIOR GEOLOGIST FOR THE MINES DEPARTMENT, Adelaide, to take charge and supervise geological investigations of the coal resources of the State and to advise on geological aspects of exploitation.—The Agent-General for South Australia, South Australia House, Marble Arch, London, W.1.

TIMBER MARKETING OFFICER by the Government of Nigeria Commerce and Industries Department.—Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/17860/3E.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 592, Vol. 232: The Visual Perception of Fine Detail. By Prof. H. Hartridge. Pp. 519-672. 24s. No. 593, Vol. 233: A Study of a Non-Marine Lamellibranch Succession in the *Anthracoidea lenticulata* Zone of the Yorkshire Coal Measures. By Dr. R. M. C. Eagar. Pp. 54. 11s. (London: Cambridge University Press, 1947.) [285]

The Teaching of Statistics in Universities and University Colleges. A Report of the Council of the Royal Statistical Society. Pp. 7. (London: Royal Statistical Society, 1947.) 6d. [26]

Engineering Reconstruction. Pp. iv + 90. (London: Association of Scientific Workers, 1947.) 2s. [26]

British Boot, Shoe and Allied Trades Research Association. Council's Report for the Year ending December 31st, 1946. Pp. 32. (London: British Boot, Shoe and Allied Trades Research Association, 1947.) [26]

Other Countries

Fiskeridirektoratets Skrifter, Serie Havundersøkelser, Vol. 8, No. 5: Undersøkelser over øskjellet (*Modiola modiolus* L.), 1, Almindelig biologi, vekst og økonomisk betydning. Av Kristian Fredrik Wiborg. Pp. 85. Vol. 8, No. 6: Torskens vekst og vandringar på Sørlandet; Belyst ved merkingsforsøk 1937-1943. Av Ragnv. Løversen. Pp. 27. Vol. 8, No. 7: Tanafjorden, en finnmarskfjords oceanografi. Av Ellert Theisen. Pp. 77 + 8 plates. Vol. 8, No. 8: Undersøkelser i Oslofjorden 1936-1940; Fiskeengelenes forekomst i strandregionen. Av Ragnv. Løversen. Pp. 34. Vol. 8, No. 9: Correction of Temperatures and a Handy Way of Making Correction Charts for Reversing Thermometers. By Ellert Theisen. Pp. 10. (Bergen: A/s John Griegs Boktrykkeri, 1946-1947.) [285]

Carnegie Institution of Washington. Publication 566: The Echinoderm Fauna of Australia; Its Composition and its Origin. By Hubert Lyman Clark. Pp. iv + 567. (Washington, D.C.: Carnegie Institution, 1946.) 4 dollars. [285]

Canada from Sea to Sea. Pp. 80. (Ottawa: Canadian Information Service, 1947.) [26]

Smithsonian Miscellaneous Collections. Vol. 106, No. 21: Developmental Physiology of the Grass Seedling, 2. Inhibition of Mesocotyl Elongation in various Grasses by Red and by Violet Light. By Robert L. Weintraub and Leonard Price. (Publication 3869.) Pp. ii + 15. Vol. 107, No. 2: The Thoracic Muscles of the Cockroach *Periplaneta americana* L. By C. S. Carbonell. (Publication 3890.) Pp. ii + 23 + 8 plates. (Washington, D.C.: Smithsonian Institution, 1947.) [26]

Catalogues

Voice Frequency Dialling and Signalling by Standard. Pp. 24. **Standard Valves for Communications and Industry.** Pp. 12. **Standard High Grade Quartz Crystals in Evacuated Glass Envelopes.** Pp. 4. **Styrene Joints and Terminations.** Pp. 4. (London: Standard Telephones and Cables, Ltd., 1947.)

Light's Organic Chemicals. Pp. 16. (Wraybury, Middx.: L. Light and Co., Ltd., 1947.)

Natural History. (Catalogue No. 17.) Pp. 28. (Baltimore, Md.: The Walter D. Lantz Co., Towson, 1947.)