

## FORTHCOMING EVENTS

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

Monday, September 8—Tuesday, September 9

FARADAY SOCIETY (at the University of Toronto, Toronto, Canada).—General Discussion on "The Reactivity of Free Radicals".

Wednesday, September 10

INSTITUTE OF PETROLEUM (at Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. A. W. Paxton: "Mud Control in the Fields of the Iraq Petroleum and Associated Companies".\*

Thursday, September 11—Friday, September 12

MIDLANDS SOCIETY FOR ANALYTICAL CHEMISTRY (at the University, Birmingham), at 9.30 a.m. each day.—Symposium on "Analytical Chemistry".

## APPOINTMENTS VACANT

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

CHIEF SUPERINTENDENT OF THE LONG RANGE WEAPONS ESTABLISHMENT, Salisbury, South Australia, to undertake the overall direction and control of the L.R.W.E. which includes certain laboratories at Salisbury and ranges near Woomera—The Senior Representative, Department of Supply, Canberra House, 87 Jermyn Street, London, S.W.1 (September 15).

PRINCIPAL SCIENTIFIC OFFICER at the Propulsion Research Laboratory, Salisbury, South Australia, for supervising a chemical section for research and investigations related to materials for rocket motors and rocket propellants—The Senior Representative, Department of Supply, Canberra House, 87 Jermyn Street, London, S.W.1 (September 15).

SENIOR SCIENTIFIC OFFICER at Royal Aircraft Establishment outstation at Woodbridge, to study problems arising out of the marshalling and landing of aircraft; design, conduct and evaluate full-scale experiments to define principles of methods for achieving high rate of safe handling using electronics or other flying aids; prepare functional specifications for components of such systems—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.226/52A (September 15).

HEAD OF THE DEPARTMENT OF MECHANICAL AND ELECTRICAL ENGINEERING—The Principal, Wigan and District Mining and Technical College, Wigan (September 17).

LECTURER (high academic and research qualifications essential) IN CHEMISTRY—The Clerk to the Governors, Chelsea Polytechnic, Manresa Road, London, S.W.3 (September 19).

ASSISTANT LECTURER (temporary) IN PHYSIOLOGY—The Registrar, The University, Sheffield (September 20).

DEMONSTRATOR IN ZOOLOGY—The Registrar, The University, Leeds 2 (September 20).

RESEARCH OFFICER (Plant Pathologist) IN THE DIVISION OF PLANT INDUSTRY, Canberra, for plant physiology investigations relating to plant growth—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting No. 3959 (September 27).

LECTURER (with a university degree in either metallurgy, chemistry or chemical engineering, and experience in industry) IN THE DEPARTMENT OF CHEMICAL ENGINEERING at the University of Sydney—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (September 30).

LECTURER IN VETERINARY PHARMACOLOGY—The Registrar, The University, Liverpool (September 30).

SENIOR LECTURER IN ANIMAL PRODUCTION at the University of Queensland—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (September 30).

VETERINARY OFFICERS and RESEARCH OFFICERS IN THE MINISTRY OF AGRICULTURE AND FISHERIES—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting No. 130-173/52 (September 30).

SENIOR LECTURERS or LECTURERS (Grade II) IN PHYSICS, CHEMISTRY AND BIOLOGY, at Kumasi College of Technology, Gold Coast—The Secretary, Advisory Committee on Colonial Colleges, 15 Victoria Street, London, S.W.1 (October 1).

UNIVERSITY LECTURER IN BOTANY (with special responsibility for teaching and research in plant bacteriology)—Dr. S. Smith, Department of Zoology, Downing Street, Cambridge (October 1).

RESEARCH OFFICER IN THE DIVISION OF PHYSICAL AND ANALYTICAL CHEMISTRY of the National Chemical Research Laboratory in Pretoria, to supervise the analytical work of the Laboratory and carry out research work in the field of inorganic chemistry—The South African Scientific Liaison Officer, Africa House, Kingsway, London, W.C.2 (Pretoria, October 8).

HERBARIUM ASSISTANT (First Assistant on the staff of the Bolus Herbarium), University of Cape Town—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 15).

PROFESSOR OF STRUCTURAL ENGINEERING at the University of the Witwatersrand, Johannesburg—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 25).

PHYSICIST (with a first- or second-class honours degree) in a section engaged on a long-term study of the mechanisms of drainage and drying as applied to the papermaking machine—The Director, British Paper and Board Industry Research Association, St. Winifred's Laboratories, Welcomes Road, Kenley, Surrey.

RESEARCH INVESTIGATOR for interesting metallurgical investigations of a new welding problem, and a JUNIOR CHEMIST to assist in routine and special analyses of steels and light alloys and the determination of dissolved gases by a high-vacuum technique—The Secretary, British Welding Research Association, 29 Park Crescent, London, W.1.

SENIOR SCIENTIFIC OFFICER at Experimental Flying Establishment near Salisbury, to take charge of section dealing with complete design and testing of aircraft instruments and test methods, to advise on methods of measurement of physical quantities in aircraft flight, and to give guidance to aircraft industry in methods for maintenance and calibration of instruments used in acceptance test flying—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.232/52A.

TECHNICAL ASSISTANT (university or similar qualification in chemistry desirable) as secretary to committees dealing with various aspects of chemical standardization—The Establishment Officer, British Standards Institution, 24 Victoria Street, London, S.W.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Scottish Marine Biological Association. Collected Reprints, 1951. Papers 57-87. (Millport: Marine Station, 1952.) [215]

Annual Report and Transactions of the Yorkshire Philosophical Society for the Year 1951. Pp. 17. (York: Yorkshire Philosophical Society, 1952.) [215]

Department of Scientific and Industrial Research: Pest Infestation Research. Detection of Insects by their Carbon Dioxide Production. By R. W. Howe and T. A. Oxley. Pp. ii+20. (London: H.M. Stationery Office, 1952.) 1s. net. [215]

John Innes Leaflet No. 11: Artificial Illumination of Seedlings. Pp. 8. (Edinburgh and London: Oliver and Boyd, Ltd., 1952.) 9d. net. [265]

Units and Standards of Measurement employed at the National Physical Laboratory. 3: Electricity; Current, Voltage, Resistance, Power, Energy, Inductance, Capacitance, Frequency, etc. Pp. 14. (London: H.M. Stationery Office, 1952.) 9d. net. [265]

## Other Countries

Institut Royal des Sciences Naturelles de Belgique. Mémoires, Deuxième Série, Fasc. 40: Revision de la famille des Alcyonidae; le genre Simulium May 1898. Par Andrée Tixier-Durivault. Pp. 146. Mémoires, Deuxième Série, Fasc. 41: Holothuries de l'Institut Royal des Sciences Naturelles de Belgique. Par Gustave Cherbonnier. Pp. 65+28 plates. Mémoires, Deuxième Série, Fasc. 42: Les Ammonites du Bajocien de la région frontière Franco-Belge (Bord Septentrional du Bassin de Paris). Par Dr. Pierre L. Mauberge. Pp. 104+16 plates. Mémoires, Deuxième Série, Fasc. 43: Résultats scientifiques des Croisières du Navire-École Belge *Mercator*, Vol. 5. Pp. 23. (Bruxelles: Institut Royal des Sciences Naturelles de Belgique, 1951.) [205]

Acta Geneticae Medicae et Gemellologiae. Revista Internazionale Quadrimestrale. Vol. 1, N. 1, Januarii. Pp. 112. (Roma: Acta Geneticae Medicae et Gemellologiae, 1952.) Subscription, 5,000 lire; 5s. [265]

Annuaire de l'Académie Royale de Belgique, 1952. Pp. 186+208. (Bruxelles: Académie Royale de Belgique, 1952.) [205]

Bulletin of the Madras Government Museum. New Series, General Section, Vol. 6, No. 1: Possible Sumerian Survivals in Toda Ritual. By H.R.H. Prince Peter of Greece. Pp. xvi+25+10 plates. (Madras: Government Press, 1951.) 6.4 rupees. [215]

Fisheries Research Board of Canada. Bulletin No. 93: The Status of the Harbour Seal in British Columbia, with particular reference to the Skeena River. By H.D. Fisher. Pp. iv+58. (Ottawa: Fisheries Research Board of Canada, 1952.) 50 cents. [215]

Journal of the Fisheries Research Board of Canada. Vol. 8, No. 6: Limnology and Trout Angling in Charlotte County Lakes, New Brunswick. By M. W. Smith. Pp. 383-452. (Ottawa: Fisheries Research Board of Canada, 1952.) [215]

South Australia. Report of the Museum Board, 1st July 1950 to 30th June 1951. Pp. 7. (Adelaide: Government Printer, 1951.) [215]

Union Géodésique et Géophysique Internationale. 13<sup>e</sup> Assemblée générale: (comptes rendus. Pp. 30. (Bruxelles: Union Géodésique et Géophysique Internationale, 1952.) [215]Smithsonian Miscellaneous Collections. Vol. 117, No. 7: Host Relationships of Moths of the Genera *Depressaria* and *Agonopterix*, with Descriptions of New Species. By J. F. Gates Clarke. (Publication 4083.) Pp. ii+20. Vol. 117, No. 8: The Sand Crab *Emerita talpoida* (Say) and some of its Relatives. By R. E. Snodgrass. (Publication 4086.) Pp. ii+34. (Washington, D.C.: Smithsonian Institution, 1952.) [265]

Bulletin of the Museum of Comparative Zoology at Harvard College. Vol. 106, Nos. 8 and 9: Foraminifera Ecology off Portsmouth, New Hampshire, by Fred B. Phleger; and Foraminifera Species off Portsmouth, New Hampshire, by Frances L. Parker. Pp. 313-424+6 plates. (Cambridge, Mass.: Harvard College, 1952.) [265]

## Catalogues

B.D.H. Concentrated Volumetric Solutions. Pp. 4. (Poole: British Drug Houses, Ltd., 1952.)

Marconi Instrumentation. Vol. 3, No. 5, May. Pp. 69-88. (St. Albans: Marconi Instruments, Ltd., 1952.)

Laboratory Specialities: a Selection of Recently-developed Equipment for use in the Modern Laboratory. (Catalogue No. 16B-S.) Pp. 64. (London: Griffin and Tatlock, Ltd., 1952.)