

## FORTHCOMING EVENTS

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

Tuesday, December 29

**RADAR AND ELECTRONICS ASSOCIATION** (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.30 p.m.—Dr. K. R. Sturley: "High Quality Sound Broadcasting".\*

Wednesday, December 30

**ROYAL SOCIETY OF ARTS** (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Dr. J. D. Carthy: "Animal Senses and Reactions". (First of two Juvenile Lectures. Further lecture on January 6.)

**INSTITUTION OF ELECTRICAL ENGINEERS** (at Savoy Place, London, W.C.2), at 3 p.m.—Mr. G. G. Gouriet: "Colour Television". (Christmas Holiday Lecture. To be repeated on Thursday, December 31.)

Friday, January 1

**PLASTICS INSTITUTE** (in the Lecture Theatre of the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 2.30 p.m.—Dr. N. A. de Bruyne: "Sticky Plastics". (Sixth Lecture for Young People.)

## APPOINTMENTS VACANT

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

**LECTURER IN THE DEPARTMENT OF VETERINARY PATHOLOGY**—The Secretary, The University, Edinburgh (December 31).

**LECTURER** (preferably an experimental physicist with an interest in low temperature physics, electron resonance, or some other branch of solid state physics) in **PHYSICS**—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (December 31).

**SCIENTIFIC OFFICER** (with a first- or second-class honours degree in civil engineering or physics, or equivalent qualifications) AT THE **HYDRAULICS RESEARCH STATION, D.S.I.R.**, Howbery Park, Wallingford, Berks, for studies of hydraulic problems in the field of civil engineering, including scale model investigations—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting E.489/9A (December 31).

**SENIOR SCIENTIFIC OFFICERS/SCIENTIFIC OFFICERS** (suitably qualified in physics, engineering and mathematics) in the **AERODYNAMICS DIVISION** of the National Physical Laboratory, Teddington, Middlesex, for a programme of fundamental research on problems of flight at high speeds—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.535/9A. (January 1).

**SENIOR LECTURER IN CLINICAL BIOCHEMISTRY** at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (January 4).

**ADVISORY OFFICER** (with a degree in agriculture or in pure science, a sound knowledge of poultry husbandry with experience of experimental work and advisory work among poultry farmers) in **POULTRY HUSBANDRY**—The Secretary, The North of Scotland College of Agriculture, 414 Union Street, Aberdeen (January 9).

**PHYSICAL CHEMIST** (with a good honours degree and suitable research experience, preferably industrial, but not necessarily in the sugar industry) in the **DEPARTMENT OF SUGAR TECHNOLOGY**, Imperial College of Tropical Agriculture, Trinidad, West Indies—The Secretary, Imperial College of Tropical Agriculture, 40 Norfolk Street, London, W.C.2 (January 18).

**CHIEF** (with high academic qualifications and research experience) of the **DIVISION OF ENTOMOLOGY**, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T., Australia—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 180/157 (January 23).

**BABCOCK AND WILCOX FELLOW IN NUCLEAR ENGINEERING**—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (January 30).

**LECTURER IN ANATOMY** in St. Salvator's College, St. Andrews—Joint Clerk to the University Court, College Gate, St. Andrews (January 31).

**LIBRARIAN** at the University of the Witwatersrand, Johannesburg, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (January 31).

**SENIOR LECTURER/LECTURER IN CHEMICAL AND EXTRACTION METALLURGY** at the University of New South Wales, Australia—The Agent General for New South Wales, 56-57 Strand, London, W.C.2 (Australia, January 31).

**ALBRIGHT AND WILSON RESEARCH FELLOWS IN CHEMISTRY** (one at Pembroke College and one at Worcester College)—Dr. C. J. Danby, Worcester College, Oxford (February 1).

**CHAIR OF MORBID ANATOMY** in the London Hospital Medical College—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 1).

**CHAIR OF PHYSIOLOGY** in the London Hospital Medical College—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 1).

**LECTURER IN VETERINARY ANATOMY** at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, February 27).

**ASSISTANT LECTURER or LECTURER IN THE ZOOLOGY DEPARTMENT**—The Secretary and Registrar, The University, Southampton.

**CELL BIOLOGIST** (with a degree and research experience (preferably a Ph.D.) in biology, microbiology or biochemistry), to take part in a research project on the fundamental biology of fibroblasts—Dr. J. M. Mitchison, Department of Zoology, The University, West Mains Road, Edinburgh 9.

**CHAIR OF METEOROLOGY**—The Secretary, McGill University, Montreal, Canada.

**PROGRAMMER** (with good mathematical qualifications, and preferably either statistical or programming experience), to work on statistical problems arising from agricultural research and surveys—The Secretary, Rothamsted Experimental Station, Harpenden, Herts.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

The Water Research Association. Fourth Annual Report, 1958-59. Pp. 31 + 4 plates. (Redhill: Water Research Association, 1959.) [2210]  
Cement and Concrete Association. The Analysis of Right Bridge Decks Subjected to Abnormal Loading. By Dr. P. B. Morice and G. Little. Pp. 43. (London: Cement and Concrete Association, 1959.) [2210]

Department of Scientific and Industrial Research. Report of the National Chemical Laboratory, 1958. Pp. iv + 97. (London: H.M. Stationery Office, 1959.) 5s. 6d. net. [2210]

Department of Scientific and Industrial Research: Forest Products Research. Record No. 30: The Natural Durability of Timber. By D. N. Smith. (Wood Preservation Series, No. 4. Second edition.) Pp. ii + 26. (London: H.M. Stationery Office, 1959.) 2s. net. [2210]

Forestry Commission. Board Mill Survey, United Kingdom—Economic Study. By Sandwell and Co. Ltd., Consulting Engineers, Vancouver, Canada. Pp. vi + 70. (London: H.M. Stationery Office, 1959.) 5s. net. [2210]

Royal Greenwich Observatory Bulletins. No. 15: Time Service 1959, January-March. Pp. 223-240. (London: H.M. Stationery Office, 1959.) 3s. 6d. net. [2210]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 1003, Vol. 252 (15 October 1959): Solution of a Diffraction Problem. 1: The Wide Double Wedge. 2: The Narrow Double Wedge. By H. M. Nussenzveig. Pp. 1-51. 16s. No. 1004, Vol. 252 (15 October 1959): Reflexion Levels and Coupling Regions in a Horizontally Stratified Ionosphere. By M. L. V. Pitteway. Pp. 53-68. 5s. (London: Royal Society, 1959.) [2210]

### Other Countries

United States Department of the Interior: Fish and Wildlife Service Fishery Bulletin 154: Life History of the Sea Lamprey of Cayuga Lake, New York. By Roland L. Wigley. Pp. iv + 561-617. (Washington, D.C.: Government Printing Office, 1959.) 40 cents. [2210]

United States Department of Agriculture: Agricultural Research Service. Technical Bulletin No. 1202: Mormon Crickets in North America. By Claude Wakeland. Pp. ii + 77. (Washington, D.C.: Government Printing Office, 1959.) 50 cents. [2210]

Centro Brasileiro de Pesquisas Físicas. Notas de Física. Vol. 5, No. 8: The Imaginary Part of the Optical Potential. By L. C. Gomes. Pp. 75-85. Vol. 5, No. 9: An Analysis of the Solar Daily Variations of the Primary Cosmic Radiation Measured with the IGY Neutron Monitor Network. By Léda A. de Moura, Georges Schwachheim and Erich R. Willner. Pp. 87-101. (Rio de Janeiro: Centro Brasileiro de Pesquisas Físicas, 1959.) [2210]

Report of Her Majesty's Astronomer at the Cape of Good Hope to the Secretary of the Admiralty for the year 1958. Pp. 12. (Cape of Good Hope: Royal Observatory, 1959.) [2210]

Bulletin of the Astronomical Institutes of the Netherlands. Vol. 14, No. 490. (1959 September 22): Quantitative Photometric Measurements with a Lyot Filter. By Miss I. G. van Griethuysen and J. Houtgast. Pp. 279-298. Vol. 14, No. 491 (1959 September 24): Structure and Dynamics of Messier 3. By J. H. Oort and G. van Herk. Pp. 299-321. Vol. 14, No. 492 (1959 September 26): Neutral Hydrogen in M33 and M101. By Louise Volders. Pp. 323-337. *Annalen van de Sterrewacht te Leiden. Deel 21. Vierde Stuk: Observations of Variable Stars in the Globular Clusters NGC 4590 (M68) and NGC 6266 (M62).* By S. L. Th. J. Van Agt and P. Th. Oosterhoff. Pp. 253-290 + 4 plates. (Leiden and Utrecht: Astronomical Institutes of the Netherlands, 1959.) [2210]

United States Department of Agriculture: Agricultural Research Service. Agricultural Handbook No. 152: Mosquitoes of Medical Importance. By Richard H. Foote and David R. Cook. Pp. ii + 158. (Washington, D.C.: Government Printing Office, 1959.) 2.50 dollars. [2210]

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