

## FORTHCOMING EVENTS

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

Tuesday, July 21

ROYAL ASTRONOMICAL SOCIETY, in co-operation with King's College, Newcastle upon Tyne (University of Durham), and the Newcastle upon Tyne Astronomical Society (at the Newcastle upon Tyne Royal Grammar School, Eskdale Terrace), at 8.15 p.m.—Prof. W. M. Smart: "The Origin of the Earth".\*

Wednesday, July 22

ROYAL ASTRONOMICAL SOCIETY, in co-operation with King's College, Newcastle upon Tyne (University of Durham) (in the Stephenson Building, King's College), at 4.30 p.m.—Scientific Papers.

## APPOINTMENTS VACANT

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

DEMONSTRATORS (with engineering degree or equivalent, and preferably with industrial experience) IN MECHANICAL ENGINEERING, to assist in organization, preparation, and control of work to final B.Sc.(Eng.) standard in materials, metallurgy, meteorology, heat engines and aerodynamics laboratories—The Principal, Royal Aircraft Establishment Technical College, Farnborough, Hants (July 25).

LECTURER (Grade III or Grade II) IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Bristol 8 (July 25).

ASSISTANT EXPERIMENTAL OFFICER (with general certificate of education (advanced level) or pass degree in biological subjects, and preferably with experience in biochemistry and/or genetics) to work in Edinburgh on research into the nutritional requirements of *Drosophila* and the genetic control of these needs—The Secretary, Agricultural Research Council, Cunard Building, 15 Regent Street, London, S.W.1 (July 27).

GAS PLANT MANUFACTURER'S DEVELOPMENT COUNCIL SCHOLARSHIP—The Registrar, The University, Leeds 2 (July 30).

ANALYTICAL CHEMIST, Senior Experimental Officer grade (with degree in chemistry or equivalent qualification and experience in analytical work), to collaborate with plant breeders and grassland agronomists in the routine analysis of plant material used in breeding and research work, and to take charge and responsibility for the establishment of a chemical laboratory—The Secretary, Welsh Plant Breeding Station, Penglais, Aberystwyth (July 31).

ASSISTANT EXPERIMENTAL OFFICER IN THE MARINE LABORATORY, Aberdeen, for investigation of physical conditions in the sea (water movements, currents, temperature, salt content, etc.) in relation to fishery biology, with active participation in the collection of data at sea on a research vessel or fishing vessel—Establishment Officer, Scottish Home Department, Room 364, St. Andrew's House, Edinburgh 1 (July 31).

DEMONSTRATOR IN BOTANY (preferably wanting research experience in cytology or plant biophysics)—The Registrar, The University, Leeds, 2 (July 31).

LECTURER IN BOTANY, and a DEMONSTRATOR IN BOTANY—The Registrar, The University, Leeds 2 (July 31).

RESEARCH ASSISTANT IN THEORETICAL PHYSICS—The Registrar, King's College, Newcastle-upon-Tyne (July 31).

ASSISTANT LECTURER IN AGRICULTURAL CHEMISTRY (with special qualifications in animal nutrition), and a DEMONSTRATOR IN AGRICULTURAL CHEMISTRY—The Registrar, The University, Nottingham (August 1).

ASSISTANT LECTURER IN AGRICULTURE—The Registrar, The University, Reading (August 1).

ASSISTANT LECTURER IN PETROLOGY—The Registrar, The University, Nottingham (August 1).

MATHEMATICIANS (Scientific Officer Class, with first- or second-class honours degree in mathematics or equivalent, and Experimental Officer Class, with H.S.C. (Science) or equivalent) in Ministry of Supply Research and Development Establishments at Farnborough, Amesbury and Malvern, for work in aerodynamics, aircraft structures, ballistics, radio or radar, high-speed electronic calculating machines—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.117/53A. (August 1).

DEMONSTRATOR (with honours degree in chemistry or biochemistry) IN THE DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY—The Dean, St. Thomas's Hospital Medical School, London, S.E.1 (August 4).

PHYSICISTS (with good honours degree or equivalent) IN THE PHYSICS DEPARTMENT of the Central Research Establishment, Stoke Orchard, Cheltenham, Glos, for fundamental and other studies in connexion with technical processes of coal preparation and treatment—The National Coal Board, Central Research Establishment, Cheltenham, Glos, quoting TT/652 (August 5).

SUPERINTENDENT (Deputy Chief Scientific Officer) (with first- or second-class honours degree in a science subject or equivalent qualification) in the D.S.I.R. Metrology Division, National Physical Laboratory, Teddington—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S4228/53 (August 6).

LECTURER IN BIOCHEMISTRY (preferably with special experience in biochemistry of micro-organisms)—The Secretary, The University, Aberdeen (August 7).

PLANT BREEDER (Fruit) (Scientific Officer grade or Senior Scientific Officer grade) in the University of Bristol Research Station, Long Ashton, Bristol—The Registrar and Secretary, The University, Bristol 8 (August 8).

SENIOR BIOCHEMIST IN THE DIVISION OF PLANT INDUSTRY, Commonwealth Scientific and Industrial Research Organization, Canberra, for

investigations into carbohydrate and protein metabolism, the role of micronutrients, the action of growth substances and the biochemistry of cell differentiation, with opportunity for further research development in which collaboration with workers in the fields of plant genetics, physiology and microbiology may be a special feature—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 130/189 (August 29).

LECTURER, Grade I or Grade II (with university degree with physics a major subject) IN PHYSICS, at the University of Queensland—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (August 31).

LECTURER IN GEOLOGY (with special qualifications and experience in mineralogy and petrology, or in palaeontology, or in stratigraphy)—The Registrar, University College, Keele, Staffordshire (August 31).

SCHOLARSHIPS IN DEMOGRAPHY, GEOGRAPHY AND STATISTICS, including mathematical statistics, in the Australian National University, Canberra—The Secretary, The Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Canberra, August 31).

LECTURER or ASSISTANT LECTURER IN PHYSIOLOGY in the University of Malaya, Singapore—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (September 10).

ASSISTANT LECTURER and DEMONSTRATOR IN PHYSICS, and an ASSISTANT LECTURER and DEMONSTRATOR IN PHYSIOLOGY—The Secretary, Queen Elizabeth College, Campden Hill Road, London, W.8.

ENGINEERS AND PHYSICISTS (Senior Scientific Officer and Scientific Officer grades (Ref. A.246/52A), and Experimental Officer and Assistant Experimental Officer grades (Ref. A.247/52A)), in the Royal Naval Scientific Service Experimental Establishments in the London, Portsmouth and Weymouth areas and Scotland—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting appropriate Ref. No.

LECTURER (with honours degree, preferably with special qualification in electronics, electron microscopy, photoelasticity or other branch of applied physics) IN PHYSICS—The Secretary, Royal Technical College, Glasgow.

LECTURER (Grade B) IN ELECTRICAL ENGINEERING—The Clerk of the Governing Body, Battersea Polytechnic, London, S.W.11.

ORGANIC CHEMIST (Ph.D.) IN THE CHEMICAL RESEARCH LABORATORY, to work with a team in the steroid field—W. Stansfield, "Lyndhurst", Nether Edge Hospital, Sheffield 11.

PHYSICAL CHEMIST (Ph.D.)—The Secretary, British Rayon Research Association, Barton Dock Road, Urmston, Manchester.

SCIENTIFIC OFFICER, male (B.Sc. with first- or second-class honours, or equivalent qualifications, with chemistry as the principal subject) in the Mineral Resources Division of the Colonial Geological Surveys, London, S.W.7, to undertake chemical analysis of rocks and minerals for scientific and industrial purposes, and in particular laboratory investigation of clays, etc.—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F318/53A.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

- Institute of Seaweed Research. Annual Report for 1952. Pp. 44. (Inveresk: Institute of Seaweed Research, 1953.) [85]
- Library Association. Year Book 1953. Pp. lxvii+113+348. (London: Library Association, 1953.) 21s.; 15s. to Members. [85]
- Leeds City Museum. Guide Book to the Collections and Display. Pp. 24. (Leeds: City Museum, 1953.) 6d. [85]
- Publications of the Thoresby Society. Kirkstall Abbey Excavation: Third Report, 1952. By T. A. Hume and Dr. D. E. Owen. Pp. 28-50. (Leeds: Thoresby Society, 1953.) 1s. [85]
- International Committee for Bird Preservation (British Section). Annual Report for 1952. Pp. 52+2 plates. (London: International Committee for Bird Preservation, c/o British Museum (Natural History), 1953.) 2s. [85]
- Electrical Research Association. Technical Report W/T.23: Pest Control by High-Frequency Electric Fields; Critical Résumé. By A. Morris Thomas. Pp. 40. 24s. Technical Report W/T.26: The Use of Electricity to Increase Soil Temperature. By E. W. Golding. Pp. 11. 9s. (Leatherhead: British Electrical and Allied Industries Research Association, 1952-1953.) [115]
- Fulmer Research Institute. Special Report No. 1: Radiation Suppressing Coatings for Metals at Elevated Temperatures. By Dr. A. H. Sully, E. A. Brandes and R. B. Waterhouse. Pp. 24+4 plates. (Stoke Poges: Fulmer Research Institute, 1953.) 15s. net. [125]
- Department of Scientific and Industrial Research. Report of the Water Pollution Research Board, with the Report of the Director of Water Pollution Research, for the Year 1952. Pp. iv+64+4 plates. (London: H.M. Stationery Office, 1953.) 2s. 6d. net. [125]
- Report of the Rugby School Natural History Society for the Year 1952. (Eighty-sixth Issue.) Pp. 29. (Rugby: George Over, Ltd., 1953.) [145]
- Department of Scientific and Industrial Research: National Physical Laboratory. Notes on Applied Science, No. 4: Measurement of Humidity. Pp. iv+20. 1s. net. Report for the Year 1952. Pp. viii+72. 2s. 6d. net. (London: H.M. Stationery Office, 1953.) [185]
- Proceedings of the Royal Irish Academy. Vol. 55, Section A, No. 7: New Observations on the Band Spectra of MnH and MnD. By T. E. Nevin and D. V. Stephens. Pp. 109-116+1 plate. 1s. 6d. Vol. 55, Section A, No. 8: Photoelectric Stellar Photometry using an E.M.I. Photomultiplier. By A. N. Argue. Pp. 117-132. 2s. 6d. (Dublin: Hodges, Figgis and Co., Ltd., 1953.) [185]
- Proceedings of the Royal Irish Academy. Vol. 55, Section B, No. 8: Petrochemical Data for some Acid Intrusive Rocks from the Mourne