

## FORTHCOMING EVENTS

Wednesday, July 19

IRON AND STEEL INSTITUTE (Joint meeting with the SHEFFIELD BRANCH OF THE INSTITUTE OF BRITISH FOUNDRYMEN) (at the Royal Victoria Station Hotel, Sheffield), at 7 p.m.—Mr. P. C. Fassotte: "Developments in the Design and Use of Side-Blown Converter Plants".

Thursday, July 20

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 3 p.m.—Mr. G. A. Barnard: "Some Applications of Modern Higher Algebra to Engineering Statistics".

Friday, July 21

GENETICAL SOCIETY (in the Department of Comparative Anatomy, University Museum, Parks Road, Oxford), at 12 noon—Annual Meeting.

## APPOINTMENTS VACANT

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

DEMONSTRATOR (man or woman) IN THE DEPARTMENT OF INORGANIC AND PHYSICAL CHEMISTRY—The Secretary, Bedford College for Women, Regent's Park, London, N.W.1 (July 17).

LECTURER IN MATHEMATICS AND PHYSICS—The Director, Robert Gordon's Technical College, Aberdeen (July 18).

TEACHER (full-time) OF MATHEMATICS, SCIENCE AND DRAWING, mainly for employment in a new Junior School of Building—The Secretary, Bridgwater Art and Technical Institute, 142 Chilton Road, Bridgwater, Somerset (July 19).

EDUCATIONAL PSYCHOLOGIST (full-time) to work in the Child Guidance Clinic and in connexion with Schools and Institutions—The Director of Education, Education Offices, Deansgate, Manchester 3 (July 20).

SCIENCE MASTER OR MISTRESS for the Boys' Junior Technical and Day Continuation School—The Organizer of Further Education in Rugby, College of Technology and Arts, Eastlands, Rugby (July 21).

ASSISTANT MASTER (Graduate preferred) to teach MATHEMATICS AND SCIENCE, particularly CHEMISTRY—The Headmaster, Eastbourne Junior Technical School and Evening Institute, The Grange, St. Anne's Road, Eastbourne (July 22).

SUPERINTENDENT OF THE ENGINEERING DIVISION of the National Physical Laboratory—The Director, National Physical Laboratory, Teddington, Middx. (July 22).

LECTURESHIP IN CHEMISTRY—The Registrar, The University, Reading (July 24).

LECTURER IN MECHANICAL ENGINEERING—The Registrar, King's College, Newcastle-upon-Tyne (July 24).

LECTURER FOR MECHANICAL OR AERONAUTICAL ENGINEERING SUBJECTS—The Secretary, Northampton Polytechnic, St. John Street, London, E.C.1 (July 24).

LECTURER (full-time) IN PHYSICS AND MATHEMATICS in the Engineering Department of the Schools of Technology, Art and Commerce—The Chief Education Officer, City Education Office, 77 George Street, Oxford (July 24).

CHEMISTS (temporary) with considerable experience in analysis of metals—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. P.2628A) (July 25).

CHAIR OF MATHEMATICS tenable at the Royal Holloway College—The Academic Registrar, University of London, c/o Richmond College, Richmond, Surrey (July 26).

LECTURER IN EXPERIMENTAL PHYSIOLOGY—The Registrar, The University, Sheffield (July 28).

SUPERINTENDENT OF THE LIVERPOOL GAS COMPANY'S CENTRALIZED CONSTRUCTION AND WORKS MAINTENANCE DEPARTMENT—The Personnel Superintendent, 18-26 Bold Street, Liverpool 1 (July 29).

ASSISTANT SECRETARY to the Oxford and Cambridge Schools Examination Board—The Chairman of the Oxford Delegacy, St. Catherine's Building, St. Aldate's, Oxford (July 31).

ASSISTANT LECTURER IN THE DEPARTMENT OF MATHEMATICS, an ASSISTANT LECTURER (temporary) IN THE DEPARTMENT OF PHYSICS, and an ASSISTANT LECTURER (temporary) IN THE DEPARTMENT OF ENGINEERING (with special qualifications in Electrical Engineering)—The Registrar, University College, Singleton Park, Swansea (August 5).

SENIOR TECHNICAL OFFICER (temporary) at London Headquarters of the Ministry of Town and Country Planning—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. EA. 950A) (August 10).

READERSHIP IN PHYSICAL ANTHROPOLOGY—The Registrar, University Registry, Oxford (August 31).

CHAIR OF ELECTRICAL ENGINEERING—The Acting Registrar, The University, Leeds 2 (September 30).

SECRETARY—The Hon. Secretary, Illuminating Engineering Society, 32 Victoria Street, London, S.W.1.

LECTURER (full-time) IN THE SCIENCE DEPARTMENT (principal subjects: Inorganic, Organic and Physical Chemistry, with subsidiary Physics)—The Registrar, Merchant Venturers' Technical College, Bristol.

PSYCHIATRIC SOCIAL SERVICE WORKER for the Glasgow Royal Mental Hospital and associated Out-patient Clinics—The Medical Superintendent, Glasgow Royal Mental Hospital, 1055 Great Western Road, Glasgow.

GRADUATE TEACHER OF GENERAL SCIENCE OR GENERAL ENGINEERING SUBJECTS in the Burton-on-Trent Technical Institute and Junior Technical School—The Secretary and Director of Education, Education Offices, Guild Street, Burton-on-Trent.

SENIOR MASTER with good Honours Degree in Science or Mathematics, and an ASSISTANT MASTER with Degree in Science or Mathematics, in the Leeds Central High School—The Director of Education, Education Offices, Leeds 1.

ASSISTANT MASTER qualified to teach ENGINEERING SUBJECTS and MATHEMATICS up to Ordinary National Certificate standard—The Principal, Technical Institute, Beckenham Road, Beckenham, Kent.

TEACHER OF MATHEMATICS, PHYSICS AND CHEMISTRY, and a TEACHER OF MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING and BUILDING—The Principal, Technical College, Bradford Place, Walsall.

LABORATORY ASSISTANT IN THE DEPARTMENT OF PHYSICS—The Bursar and Acting Registrar, University College of North Wales, Bangor.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Proceedings of the Royal Irish Academy. Vol. 49, Section A, No. 12: The Point Charge in the Unitary Field Theory. By Erwin Schrödinger. Pp. 225-236. 1s. Vol. 49, Section A, No. 13: Unitary Field Theory; Conservation Identities and Relation to Weyl and Eddington. By Erwin Schrödinger. Pp. 237-244. 1s. Vol. 49, Section A, No. 14: On the Cascade Production of Mesons. By H. W. Peng. Pp. 245-258. 1s. 6d. Vol. 49, Section A, No. 15: The Shielding Effect of Planetary Magnetic Fields. By James McConnell and Erwin Schrödinger. Pp. 259-274. 1s. Vol. 49, Section A, No. 16: The Union of the Three Fundamental Fields (Gravitation, Meson, Electromagnetism). By Erwin Schrödinger. Pp. 275-288. 1s. 6d. Vol. 49, Section A, No. 17: The Paths of the Particles in a Vortex Street. By W. B. Morton. Pp. 289-292. n.p. Vol. 49, Section B, No. 14: Note on the Physiology of the Mammalian Epididymis and Spermatozoon. By Lawrence Coltery. Pp. 213-224. 1s. Vol. 49, Section B, No. 15: Molecular Rearrangements of Phenyl Styryl Ketone Oxides. By Joseph Algar and James McKenna. Pp. 225-250. 1s. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [136]

Science and Industry. Reports of the Meetings arranged by the Manchester Chamber of Commerce in collaboration with the Department of Scientific and Industrial Research. Pp. 63. (Manchester: Manchester Chamber of Commerce.) 1s. 6d. [146]

Imperial Agricultural Bureaux. Joint Publication No. 6: Alternate Husbandry. Pp. 158. (Aberystwyth: Imperial Agricultural Bureaux.) 5s. [146]

Scientific Proceedings of the Royal Dublin Society. Vol. 23 (N.S.), No. 22: The Gametophytes of *Podocarpus andinus*. By W. J. Loozy and J. Doyle. Pp. 222-237+plates 6-9. 3s. 6d. Vol. 23 (N.S.), No. 23: Report of the Radium Committee for the Year 1943. P. 238. n.p. (Dublin: Hodges, Figgis and Co., Ltd.; London: Williams and Norgate, Ltd.) [156]

The Morphology and Biology of *Culex molestus*: Observational Notes for Investigators. By John F. Marshall. Pp. iv+16. (Cheltenham: The Author, 47 London Road.) 1s. [266]

The Control of Land Use. (Cmd. 6537.) Pp. 16. (London: H.M. Stationery Office.) 3d. net. [266]

Institute of Welding. Twenty-first Annual Report of the Council; Accounts and Balance Sheet for 1943-44. Pp. 22. (London: Institute of Welding.) [266]

University of London. Report of the Principal on the Work of the University during the Year 1943-44. Pp. 6. (London: University of London.) [266]

## Other Countries

Carnegie Institution of Washington. Publication 552: The Mutants of *Drosophila melanogaster*. By Calvin B. Bridges. Completed and edited by Katherine S. Brehme. Pp. vii+257+3 plates. (Washington, D.C.: Carnegie Institution.) 2.50 dollars. [146]

Uganda Protectorate. A Working Plan for Settlement Forests in Lango District, Uganda. By C. S. Cree. Pp. 24. (Entebbe: Government Printer.) [146]

The Maine Bulletin. Vol. 46, No. 11 (University of Maine Studies, Second Series, No. 59): The Woody Plants of Maine; their Occurrence and Distribution. By Fay Hyland and Ferdinand H. Steinmetz. Pp. xix+72 (8 plates). (Orono, Maine: University of Maine.) 50 cents. [146]

Memoirs of the American Philosophical Society. Vol. 21: Sumerian Mythology, a Study of Spiritual and Literary Achievement in the Third Millennium B.C. By S. N. Kramer. Pp. xiv+125+21 plates. (Philadelphia: American Philosophical Society.) [156]

Fouad I University. Bulletin of the Faculty of Science, No. 17: Flora of Egypt. Vol. 1: Pteridophyta, Gymnosperms and Angiosperms, part Monocotyledones: Typhaceae—Gramineae. By Wivi and Gunnar Tackholm, in collaboration with Mohammed Drar. Pp. 574. (Cairo: Fouad I University.) [266]

Société des Nations: League of Nations. Lexique polyglotte des maladies contagieuses: Contribution à la Nomenclature nosologique internationale. (Polyglot Glossary of Communicable Diseases: Contribution to the International Nomenclature of Diseases.) Par le Dr. Yves Biraud. (Reprinted from the *Bulletin of the Health Organisation*, Vol. 10, No. 3, 1943-44.) Pp. 201-556. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 4s. [266]

Twenty-sixth Annual Report of the National Research Council of Canada, 1942-43. (N.R.C. No. 1169.) Pp. 36. (Ottawa: National Research Council of Canada.) [276]

Lord Rutherford. By Prof. T. H. Laby. Pp. 16. (Melbourne: Whitcombe and Tombs, Ltd.) [296]

## Catalogue

Soya Flour: Make your Dishes more Nutritious. Pp. 4. (Elstree: Soya Foods, Ltd.)