

## FORTHCOMING EVENTS

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

## Monday, September 22

INSTITUTION OF MINING AND METALLURGY (at the Royal Institution, 21 Albemarle Street, London, W.1), at 5 p.m.—Prof. A. M. Gaudin: "Radioactivity in Mineral Dressing" (Third Sir Julius Wernher Memorial Lecture).

## Monday, September 22—Thursday, September 25

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (at Neville Hall and King's College, Newcastle-upon-Tyne).—Centenary Meeting.

## Tuesday, September 23—Thursday, September 25

INSTITUTION OF MINING AND METALLURGY (at the Imperial College of Science and Technology, Prince Consort Road, London, S.W.7).—Symposium on "Mineral Dressing".

## Wednesday, September 24

TEXTILE INSTITUTE (at the Lesser Free Trade Hall, Peter Street, Manchester), at 9.30 a.m.—Conference on "Factors in Plant Development".

INSTITUTE OF RURAL LIFE AT HOME AND OVERSEAS (at the National Society for Religious Education, 69 Great Peter Street, London, S.W.1), at 5.30 p.m.—Mrs. G. M. Culwick: "Social Development in the Gezira".

## Wednesday, September 24—Friday, September 26

NATIONAL SMOKE ABATEMENT SOCIETY (at the South Parade Pier Portsmouth).—Nineteenth Annual Conference.

## Thursday, September 25

EAST MALLING RESEARCH STATION (at the Laboratories, East Malling), at 3 p.m.—Prof. H. B. Tukey: "Research Developments in Fruit Culture in America" (Amos Memorial Lecture).\*

## Thursday, September 25—Saturday, September 27

INSTITUTE OF BIOLOGY (at the Royal Institution, Albemarle Street, London, W.1).—Symposium on "The Biology and Productivity of Hot and Cold Deserts".

## APPOINTMENTS VACANT

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

ASSISTANT PHYSICIST (with an honours degree in physics)—The Secretary, London Hospital, Whitechapel, London, E.1 (September 27).

CHEMIST (with a degree in chemistry, and preferably some textile experience) for research on problems related to the dyeing and finishing of knitted products—The Secretary, Hosiery and Allied Trades Research Association, Thorneywood House, 4 First Avenue, Sherwood Rise, Nottingham (September 27).

EXPERIMENTAL OFFICERS in Ministry of Supply research and development establishments (most posts concern guided weapons, and require knowledge and experience of electronics)—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.233/52A (September 27).

ASSISTANT IN VETERINARY PHYSIOLOGY, an ASSISTANT IN THE DEPARTMENT OF ANIMAL HUSBANDRY, and an ASSISTANT IN BIO-CHEMISTRY—The Assistant Secretary of University Court, The University, Glasgow (September 30).

PROFESSOR OF ETHICS AND POLITICS, a PROFESSOR OF ELECTRICAL ENGINEERING, and a LECTURER IN ELECTRICAL ENGINEERING—The Secretary and Bursar, University College, Dublin (September 30).

ASSISTANT SCIENCE LIBRARIAN (with a degree in a biological subject; library qualifications and special library or other bibliographical experience desirable) at London headquarters—The Director, Personnel Department, British Council, 65 Davies Street, London, W.1 (October 1).

EXPERIMENTAL OFFICER IN THE MECHANICAL ENGINEERING RESEARCH LABORATORY (D.S.I.R.), East Kilbride, Glasgow, for research work on plastic deformation of metals occurring in commercial processes, for example, rolling, drawing and forging—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.153/52A (October 4).

RESEARCH FELLOWSHIP IN THE DEPARTMENT OF NUCLEAR PHYSICS, Australian National University—The Administrative Officer in the U.K., Australian National University, 37 Russell Square, London, W.C.1 (October 10).

LECTURER IN ELECTRICAL ENGINEERING (preferably with experience in electronics or communications engineering)—The Registrar, The University, Sheffield (October 11).

CHAIR OF GEOGRAPHY at Victoria University College, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 31).

UNIVERSITY RESEARCH FELLOWSHIP IN INDUSTRIAL METALLURGY—The Secretary, The University, Birmingham 3 (October 31).

RESEARCH CHAIR OF WOOL TEXTILE ENGINEERING—The Registrar, The University, Leeds 2 (November 10).

EXPERIMENTAL OFFICER IN RADIO DEPARTMENT, Royal Aircraft Establishment, Farnborough, for experimental design of aircraft aerials for modern high-speed aircraft—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting D.352/52A.

LECTURER IN ELECTRICAL ENGINEERING—The Registrar, The University, Nottingham.

LECTURER IN ZOOLOGY—The Secretary, Royal Technical College, Glasgow.

PRINCIPAL OF THE MID-ESSEX TECHNICAL COLLEGE, Chelmsford—The Chief Education Officer, County Offices, Chelmsford.

PRINCIPAL OF THE NORTH-EAST ESSEX TECHNICAL COLLEGE, Colchester—The Chief Education Officer, County Offices, Chelmsford.

RESEARCH ASSISTANT for physico-organic researches in THE CHEMISTRY DEPARTMENT—The Assistant Secretary, British Coal Utilization Research Association, Randalls Road, Leatherhead, Surrey, quoting Ref. A.27.

SENIOR PHYSICISTS AND CHEMISTS (and new honours graduates in these subjects)—The Secretary, Research Association of British Rubber Manufacturers, 105 Lansdowne Road, Croydon.

TEACHER (Grade B) IN BOTANY, to take classes up to final degree standard, and a TEACHER (Grade B) IN CHEMISTRY, for work mainly up to intermediate standard—The Director of Education, The Polytechnic, 309 Regent Street, London, W.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

British Standard 770:1952, Methods for the Chemical Analysis of Cheese. Revised edition. Pp. 12. 2s. net. British Standard 1865:1952, Air Rings (Hand-made) for Hospital Use. Pp. 8. 1s. net. (London: British Standards Institution, 1952.) [126]

Scotland, the Wealthy Nation: a Scientist's Survey of Scots Resources. By Dr. Archie Lamont. Pp. 144. (Glasgow: Scottish Secretariat, Ltd., 1952.) 1s. 6d. [126]

Council for the Preservation of Rural England. Annual Report, 1951-52. Pp. 52+4 plates. (London: Council for the Preservation of Rural England, 1952.) [126]

Report of the Astronomer Royal to the Board of Visitors of the Royal Greenwich Observatory read at the Annual Visitation of the Royal Observatory, 1952 June 7. Pp. 30. (London: Royal Observatory, Greenwich, 1952.) [166]

Ministry of Fuel and Power. 29th Annual Report on Safety in Mines Research, 1950. Pp. 48+4 plates. (London: H.M. Stationery Office, 1952.) 2s. net. [176]

Catalogue of Types and Figured Specimens in the Geological Department of the Manchester Museum. By Dr. J. Wilfrid Jackson. (Manchester Museum Publication No. 6.) Pp. vii+170. (Manchester: Manchester Museum, and Manchester University Press, 1952.) 10s. 6d. net. [176]

Empire Cotton Growing Corporation. Progress Reports from Experiment Stations, Season 1950-1951. Pp. 159. (London: Empire Cotton Growing Corporation, 1952.) 3s. [176]

World Power Conference. Annual Report, 1951. Pp. 22. (London: World Power Conference, 1952.) 1s. 6d. [176]

British Trust for Ornithology. Eighteenth Annual Report, 1951. Pp. 40. (Oxford: British Trust for Ornithology, 1952.) 1s. 6d. [176]

Proceedings of the University of Durham Philosophical Society. Vol. 11, No. 4: Reactions between some Non-ferrous Metals and their Sulphides. By Dr. J. A. Smythe. Pp. 40-67+10 plates. (Durham: University of Durham, 1951.) [176]

Proceedings of the Royal Society of Edinburgh, Section A (Mathematical and Physical Sciences). Vol. 63, Part 3, No. 18: The Elementary Proof of the Prime Number Theorem. By E. M. Wright. Pp. 257-267. 2s. Vol. 63, Part 3, No. 19: A Generalization of the Classical Random-Walk Problem, and a Simple Model of Brownian Motion Based Thereon. By Dr. G. Klein. Pp. 268-279. 2s. Vol. 63, Part 3, No. 20: On the Estimation of Variance and Covariance. By E. H. Lloyd. Pp. 280-289. 1s. 6d. Vol. 63, Part 3, No. 21: The Statistical Theory of Stiff Chains. By Dr. H. E. Daniels. Pp. 290-311. 3s. 6d. (Edinburgh and London: Oliver and Boyd, Ltd., 1952.) [176]

The Xylonite Group, 1877-1952. Pp. 40. (London: B X Plastics, Ltd., South Chingford, 1952.) [176]

Dental Practitioners' Formulary, 1952, for use in the National Health Service. Pp. 28. (London: British Medical Association, and the Pharmaceutical Press, 1952.) 1s. 6d.; interleaved, 3s. [186]

Strength Tests on Driven Large Diameter Aluminium Rivets. By J. C. Bailey and A. W. Brace. (Research Report No. 13.) Pp. 60. (London: Aluminium Development Association, 1952.) 7s. 6d. [186]

Memoirs of the Geological Survey. Special Reports on the Mineral Resources of Great Britain, Vol. 4: Fluorspar. Fourth edition. By Dr. K. C. Dunham; with contributions by H. G. Dines, T. H. Whitehead, Dr. J. R. Earp, J. V. Stephens, C. O. Harvey and H. E. Wilson. Pp. vii+144+4 plates. (London: H.M. Stationery Office, 1952.) 17s. 6d. net. [196]

## Catalogues

Thermometers. Pp. 36. (Pontypidd: H. J. Elliott, Ltd., 1952.) Periodica in the fields of Exact and Applied Science and Technology. (Catalogue 7, Part 1.) Pp. 36. (London: Lange, Maxwell and Springer, Ltd., 1952.)

A List of 35 mm. and 16 mm. Documentary and Instructional Films. Pp. 32. (London: Petroleum Films Bureau, 1952.)

A Catalogue of Chemistry Books and Scientific Periodicals. Pp. 16. (Liverpool: A. E. Parry and Co., 1952.)

Photocells for Industrial Applications. Pp. 16. Valves and Tubes for Industry and Communications. Pp. 32. (London: Mullard, Ltd., 1952.)