

## FORTHCOMING EVENTS

Tuesday, December 30—Friday, January 2

SCIENCE MASTERS' ASSOCIATION (in the Chemistry Department, Royal College of Science, Imperial Institute Road, London, S.W.7).—Annual Meeting: "Science in the Service of the Community".

Friday, January 2

INSTITUTION OF MECHANICAL ENGINEERS (joint meeting with the INDUSTRIAL ADMINISTRATION AND ENGINEERING PRODUCTION GROUP, at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Capt. G. C. Adams: "Principles and Practice Governing Interchangeability and the Specification of Manufacturing Limits of Size as influenced by Statistical Considerations".

## APPOINTMENTS VACANT

SENIOR LECTURER IN PHYSICS and a SENIOR LECTURER IN PHYSICAL CHEMISTRY (with a good honours degree in physics or chemistry respectively and, if possible, experience in teaching, industry and research)—The Principal, Acton Technical College, High Street, Acton, London, W.3 (January 3).

LECTURER IN PHYSIOLOGY—The Registrar, The Medical School, Birmingham 15 (January 10).

GRADUATE (male) IN BOTANY OR AGRICULTURE in the Technical Advisory Section—The Director, Sports Turf Research Institute, St. Ives Research Station, Bimley, Yorks (January 15).

SENIOR ORGANIC CHEMIST to the Division of Biochemistry and General Nutrition, C.S.I.R.O., at the central laboratories in the University of Adelaide, to work on general problems involved in the introduction of isotopic carbon, nitrogen, etc., into organic compounds—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment 4078 (January 17).

CHAIR OF FUEL TECHNOLOGY—The Registrar, The University, Sheffield (January 31).

LECTURER IN BIOCHEMISTRY—The Secretary, Queen's University, Belfast (February 25).

ASSISTANT EXPERIMENTAL OFFICERS IN THE INSTRUMENTATION DEPARTMENT of the Royal Aircraft Establishment, Farnborough, for design and development of equipment for measurements in aeronautical research: ELECTRICAL ENGINEER or PHYSICIST for work on electronic circuits, and an ELECTRICAL or MECHANICAL ENGINEER for work on electro-mechanical instruments—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting D.472/52A.

ASSISTANT LECTURER (Grade B) IN CHEMISTRY at the Wolverhampton and Staffordshire Technical College—The Clerk to the Joint Education Committee, Education Offices, North Street, Wolverhampton.

HEAD OF THE SCIENCE DEPARTMENT of the Ewell Technical College—The Chief Education Officer, County Hall, Kingston-upon-Thames, Surrey.

PHYSICAL CHEMIST (with research experience) to investigate certain biophysical aspects of flour milling, and a CHEMIST for research on flour quality—The Director, Research Association of British Flour Millers, Cereals Research Station, Old London Road, St. Albans, Herts.

PHYSICIST or ENGINEER IN THE INSTRUMENTS AND AIR PHOTOGRAPHY DIVISION of the Royal Aircraft Establishment, Farnborough, for research and development on analogue computers, servo-mechanisms and similar precision electro-mechanical equipment—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.312/52A.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Communications of the Dublin Institute for Advanced Studies Series A, No. 9: Jump Conditions at Discontinuities in General Relativity. By Stephen O'Brien and John L. Synge. Pp. 20. (Dublin: Dublin Institute for Advanced Studies, 1952.) [311]

Department of Scientific and Industrial Research. Report of the Radio Research Board with the Report of the Director for Radio Research for the Year 1951. Pp. iv+36. (London: H.M. Stationery Office, 1952.) 1s. 6d. net. [311]

Fire Protection Association. Technical Booklet No. 11: A Comparison of the Extinguishing Effects of Chlorobromomethane, Methyl Iodide and Carbon Tetrachloride. By E. H. Coleman. Pp. 12. (London: Fire Protection Association, 1952.) [311]

Instruments and Accessories for Radio-Isotope Applications. Edited by Dr. Denis Taylor and A. G. Peacock. Second edition. Pp. 20. (London: Scientific Instrument Manufacturers' Research Association, 1952.) Free. [311]

Manchester Municipal College of Technology. Jubilee Year 1952: an Account of the Origin of the College and its Development since the Opening of the Present Building in 1902. Pp. iv+36. (Manchester: Municipal College of Technology, 1952.) [411]

Atomic Energy Research Establishment. Lecture Notes on Pile Theory: an A.E.R.E. Lecture. By C. A. Rennie. (R/L.5.) Pp. ii+29+3 plates. 5s. net. A Quantitative Study of Uranium-Graphite Lattices: an A.E.R.E. Report. By E. A. Guggenheim and M. H. L.

Pryce. (R/R.922.) Pp. ii+28+12 plates. 6s. net. (London: H.M. Stationery Office, 1952.) [411]

Colonial Office. Colonial Research Publications, No. 13: Land Registration. By Sir Ernest Dowson and V. L. O. Sheppard. Pp. xi+212. (London: H.M. Stationery Office, 1952.) 25s. net. [411]

General Register Office—General Registry Office, Scotland. Census 1951, Great Britain, One Per Cent Sample Tables. Part 2: Characteristics and Composition of Private Households, Non-Private Households, Education, Birthplace and Nationality, Fertility, Welsh and Gaelic Languages, Conurbation Supplement. Pp. vii+161-367+xviii. (London: H.M. Stationery Office, 1952.) 40s. net. [611]

Experimental and Research Station, Cheshunt. Annual Report (thirty-seventh Year), 1951. Pp. 96+6 plates. (Cheshunt: Nursery and Market Garden Industries' Development Society, 1952.) [1111]

### Other Countries

Smithsonian Institution: Institute of Social Anthropology. Publication No. 13: The Tajin Totonac. By Isabel Kelly and Angel Palerm. Part 1: History, Subsistence, Shelter and Technology. Pp. xiv+369+33 plates. (Washington, D.C.: Government Printing Office, 1952.) 2.75 dollars. [2110]

Sugar Research Foundation. Scientific Report Series No. 14: Modern Trends in Infant Nutrition and Feeding. By Dr. Jonathan T. Lanman. Pp. 96. (New York: Sugar Research Foundation, Inc., 1952.) Free. [2110]

Uganda Protectorate. Annual Report of the Forest Department for the Year ended 31st December 1951. Pp. iv+38. (Entebbe: Government Printer, 1952.) 2s. [2210]

Bulletin of the Museum of Comparative Zoology. Vol. 107, No. 3: The Carabid Beetles of New Guinea, Part 2, The Agonini. By F. J. Darlington, Jr. Pp. 87-252+4 plates. (Cambridge, Mass.: Harvard College, 1952.) [2210]

Ceylon. Part 4: Education, Science and Art (E). Administration Report of the Director of National Museums, Ceylon, for 1951. By P. E. P. Deraniyagala. Pp. E.24-1+1 plate. (Colombo: Government Publications Bureau, 1952.) 55 cents. [2310]

Symposium on Physiological Effects of Radiation at the Cellular Level, given at Research Conference for Biology and Medicine of the Atomic Energy Commission. Sponsored by the Biology Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee, April 12-13, 1951. Pp. 233. (Philadelphia: Wistar Institute of Anatomy and Biology, 1952.) [2710]

Indian Forest Bulletin. No. 159: Indigenous Cellulosic Raw Materials for the Production of Pulp, Paper and Board, Part 9, Newsprint Grade Mechanical Pulp from *Sterculia comparulata* (papula). By Dr. R. V. Bhat and K. C. Virmani. Pp. ii+7. (Delhi: Manager of Publications, 1952.) 9 annas; 10d. [3010]

Proceedings of the Rajasthan Academy of Sciences. Special Issue: Does Sambhar Lake owe its Salt to the Rann of Cutch? By Dr. N. N. Godbole. Pp. vii+57. (Pilani: Rajasthan Academy of Sciences, 1952.) 2 rupees. [3010]

General Technical Department T.N.O. of the Central National Council for Applied Scientific Research in the Netherlands. Report T.A. 270: Survey of Water Desalting Investigations, in particular the Electro-dialytic Method. By Dr. Y. Boer-Nielsen and D. Paul. Pp. 170. (The Hague: General Technical Department, T.N.O., 1952.) 18.75 fl. [3110]

An International Bibliography on Atomic Energy. Vol. 2: Scientific Aspects, Supplement No. 1. Pp. vii+326. (New York: United Nations Atomic Energy Section; London: H.M. Stationery Office, 1952.) 3.25 dollars; 25s.; 14 Swiss francs. [3110]

Ecological Crop Geography and Field Practices of the Ryukyu Islands, Natural Vegetation of the Ryukyus, and Agro-Climatic Analogues in the Northern Hemisphere. By M. Y. Nuttinson. Pp. 106. (Washington, D.C.: American Institute of Crop Ecology, 1952.) [3110]

Commonwealth Scientific and Industrial Research Organization. Research Activities of the Radiophysics Laboratory. Pp. 36. (Melbourne: Commonwealth Scientific and Industrial Research Organization, 1952.) [3110]

Department of Fisheries, Colombo. Bulletin No. 4: Fish Farming in Malaya (as a Guide to Fish Farming in Ceylon). By E. R. A. DeZylva. Pp. 10+19 plates. (Colombo: Ceylon Government Press, 1952.) [3110]

Publications de l'Institut National pour l'Étude Agronomique du Congo Belge. Bureau climatologique, Communication No. 5: Bulletin climatologique annuel du Congo Belge et du Ruanda-Urundi, Année 1951. Pp. 100. (Bruxelles: Institut National pour l'Étude Agronomique du Congo Belge, 1952.) 100 francs. [3110]

Fiskeridirektoratets Skrifter. Serie Havundersøkelser, Vol. 10, No. 2: The Løstorfjord Herring and its Environment. By Olav Aasen. Pp. 63+3 plates. (Bergen: A/s John Griegs Boktrykkeri, 1952.) [5110]

Kungl. Svenska Vetenskapsakademien Handlingar. Fjärde Serien, Band 2, No. 6: Étude complémentaire des Poissons de l'Éotrias de Madagascar. Par Jean-Pierre Lehman. Pp. 201+48 plates. (Stockholm: Almqvist and Wiksell; London: H. K. Lewis and Co., Ltd., 1952.) 75 kr. [6110]

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