

FORTHCOMING EVENTS

Tuesday, December 29

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Mr. J. A. Ratchliffe, F.R.S.: "The Uses of Radio Waves". (Christmas Lectures adapted to a Juvenile Auditory.) (Further Lectures on December 31, January 2, 5, 7 and 9.)

Tuesday, December 29—Friday, January 1

SCIENCE MASTERS' ASSOCIATION (at Oxford).—Annual Meeting.

Tuesday, December 29

At 8 p.m. (in the Hall of Rhodes House, South Parks Road, Oxford).—Sir Cyril Hinshelwood, F.R.S.: "Thoughts on the Evolution of a Scientific Problem" (Presidential Address).

Wednesday, December 30—Saturday, January 2

GEOGRAPHICAL ASSOCIATION (at the London School of Economics, Houghton Street, Aldwych, London, W.C.2).—Annual Conference.

Friday, January 1

BRITISH PHYCOLOGICAL SOCIETY (in the Department of Botany, University College of London, Gower Street, London, W.C.1), at 10.30 a.m.—Symposium on "Algal Physiology and Biochemistry." Speakers: Dr. G. E. Fogg, Dr. L. Fowden, Mr. M. R. Droop, Dr. C. P. Spencer and Mr. F. J. Taylor. 4 p.m.—Second Annual General Meeting.

APPOINTMENTS VACANT

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

PHYSICAL CHEMIST or ORGANIC CHEMIST (with physical leanings), for research into fundamental aspects of the oxidation of carbon—The Clerk, Birkbeck College, Malet Street, London, W.C.1 (January 2).

PHYSICIST (with a university degree in science and at least three years experience as a physicist in a radiotherapy unit) in the Department of Health, Southern Rhodesia Government.—The Secretary, Southern Rhodesia Government, Rhodesia House, 429 Strand, London, W.C.2 (January 15).

PROFESSOR OF AGRICULTURAL BOTANY and a PROFESSOR OF MATHEMATICS.—The Registrar, The University, Reading (January 25).

CHAIR OF BOTANY in the University of Malaya, Singapore.—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (January 31).

PROFESSOR OF AGRICULTURE in the University of Adelaide, and HEAD OF THE DEPARTMENT OF AGRONOMY in the WAITE AGRICULTURAL RESEARCH INSTITUTE of the University.—The Registrar, University of Adelaide, Adelaide, South Australia (January 31).

SENIOR LECTURER IN ANIMAL HUSBANDRY at the New England University College, Armidale, New South Wales, Australia.—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Armidale, February 1).

ASSISTANT DIRECTOR to take charge of a team of chemists, physical chemists, physicists and mathematicians engaged on a comprehensive scientific study of the physical and chemical properties of rayon and synthetic fibres and problems associated with the application of these fibres.—The Secretary, British Rayon Research Association, Barton Dock Road, Urmston, Manchester.

BIOCHEMIST (senior grade) to the Rochdale Group of Hospitals.—The Group Secretary, Birch Hill Hospital, Rochdale, Lancs.

CHAIR OF GEOGRAPHY.—The Secretary and Registrar, The University, Southampton.

ENGINEER, PHYSICIST or MATHEMATICIAN (with first- or second-class honours degree in an appropriate subject, with at least three years relevant postgraduate experience) in the Ministry of Supply, Research Branch, Tolworth, Surbiton, to work on design and development of wide range of survey, photographic and printing equipment.—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.194/53A.

GRADUATE ASSISTANT (with degree in physics and/or mathematics, and an interest in scientific publication) for work in editorial department which will include preparation of mathematical and physical material for publication, and supervision of small scientific library.—The Secretary-Editor, The Physical Society, 1 Lowther Gardens, Prince Consort Road, London, S.W.7.

HONOURS PHYSICIST for research on the friction and lubrication of textile materials.—The Director, Shirley Institute, Manchester 20.

LECTURER (with experience of rubber or similar high polymers and knowledge of electronics) IN PHYSICS.—The Clerk, National College of Rubber Technology, Northern Polytechnic, Holloway, London, N.7.

LECTURER (with good honours degree in physics or equivalent qualification, and with suitable teaching, industrial or research experience) IN PHYSICS, at the College of Technology and Commerce, Cardiff.—The Director of Education, City Hall, Cardiff.

METALLURGIST (qualified) to lead research team on the weldability of alloy steels.—The Secretary, British Welding Research Association, 29 Park Crescent, London, W.1.

PHYSICIST (with first- or second-class honours degree in science, and preferably with five years experience as a hospital physicist) in the Medical Department of Hong Kong, for duties in the Radiotherapy Sub-Departments, working in collaboration with the Radiologist in technical aspects of radiotherapy and maintenance and care of specialized plant and equipment.—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting CDE.117/51/013.

PHYSICIST (with practical experience of radiation physics and electronics)—St. Anne's City Hospital for Diseases of the Skin and Cancer, Northbrook Road, Dublin.

RESEARCH CHEMIST (with at least a good honours degree in chemistry, with appropriate subsidiary subjects) to undertake fundamental research on products of a natural origin.—The Chief Research Chemist, Forestal Central Laboratory, Harpenden Rise, Harpenden.

SENIOR LECTURER (with a good honours degree, with industrial and research experience) IN THE HEAT ENGINES SECTION of the Department of Civil and Mechanical Engineering.—The Secretary, The Royal Technical College, Glasgow.

SURVEY ENTOMOLOGIST (with good degree in entomology) in the East African Tsetse and Trypanosomiasis Research and Reclamation Organization, for work in connexion with tsetse surveys in Kenya, Uganda and Tanganyika.—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting CDE.77/88/04.

TECHNICAL LIBRARIAN (with a knowledge of telecommunications, electrical engineering or physics, and technical library experience).—The Director of Research, British Telecommunications Research, Ltd., Taplow Court, Bucks.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- The Webster Pluss Collection of African Art. (The Catalogue of a Memorial Exhibition held in the King Edward VII Galleries of the British Museum, 1953.) By William Fagg. Pp. 47+46 plates. (London: British Museum, 1953.) [411]
- Ministry of Fuel and Power: Safety in Mines Research Establishment. Thirty-First Annual Report on Safety in Mines Research, 1952. Pp. 76+4 plates. (London: H.M. Stationery Office, 1953.) [411]
- 3s. net.
- National Advisory Committee on the Employment of Older Men and Women. First Report. Pp. 62. (Cmd. 8963.) (London: H.M. Stationery Office, 1953.) 2s. net. [411]
- Report on the Work of the British Council for the Year ended 31st March 1953. Pp. v+105. (London: British Council, 1953.) 2s. 6d. [411]
- The Manchester Public Libraries. The 101st Report of the Libraries Committee, 1952-53. Pp. ii+36+8 plates. (Manchester: Manchester Public Libraries, 1953.) [411]
- Proceedings of the University of Durham Philosophical Society. Vol. 11, No. 6: Observations on the Flora of the Isle of Lewis, Isle of Harris and the Shiant Isles in 1952. By Dr. J. W. Heslop Harrison. Pp. 83-90. Vol. 11, No. 7: The Tholeiite Dyke at Cowgate, Newcastle-upon-Tyne; The Carboniferous Igneous Rocks of the Kelso District. By Dr. S. I. Tomkieweff. Pp. 91-102+1 plate. Vol. 11, No. 8: Notes on the Birds of Lake Elmenteita, Kenya Colony. By M. W. Ridley and Lord R. C. Percy. Pp. 103-118+4 plates. (Durham: University of Durham Philosophical Society, 1953.) [411]
- Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. No. 910. Vol. 246 (29 October 1953): Finite Plane Strain. By J. E. Adkins, A. E. Grece, and R. T. Shield. Pp. 181-213. 7s. 6d. No. 911, Vol. 246 (5 November 1953): Wave Functions of the Hydrogen Molecular Ion. By D. R. Bates, Kathleen Ledsham and A. L. Stewar. Pp. 215-240. 6s. No. 912, Vol. 246 (5 November 1953): Theoretical Studies in Nuclear Structure. IV. Wave Functions for the Nuclear p-Shell. Part B. (p⁺/p⁺) Fractional Parentage Coefficients. By J. P. Elliott, J. Hope and H. A. Jahn. Pp. 241-279. 9s. Series B. Biological Sciences. No. 648. Vol. 237 (4 November 1953): Form and Habit in *Pinna Carnea* Gmelin. By Prof. C. M. Yonge, F.R.S. Pp. 335-374. (London: Cambridge University Press, 1953.) [411]
- Annual Report of the Director of the Meteorological Office for the Year April 1, 1952 to March 31, 1953. Pp. 56. (M.O. 573.) (London: H.M. Stationery Office, 1953.) 2s. net. [611]
- Nimonic Alloys in Aircraft Gas Turbines. Pp. 12. (Birmingham: Henry Wiggin and Company, 1953.) [611]
- International Society of Soil Science. Joint Meeting of Commission II (Soil Chemistry) and Commission IV (Soil Fertility and Plant Nutrition), Dublin, July, 1952. Transactions. Vol. 1: Pp. 335. Vol. 2: Pp. 404. (Dublin: Department of Agriculture, 1953.) 2 volumes 120s.
- Discussions of the Faraday Society. No. 13, 1953: The Physical Chemistry of Proteins. Pp. 288+4 plates. 35s. net. No. 14, 1953: The Reactivity of Free Radicals. Pp. 256+3 plates. 35s. net. [911]
- (London: The Faraday Society, 1953.)
- Department of Scientific and Industrial Research. Forest Products Research Bulletin No. 26: An Atlas of End-Grain Photomicrographs for the Identification of Hardwoods. Pp. iv+87. (London: H.M. Stationery Office, 1953.) 12s. 6d. net. [1111]
- British Hat and Allied Feltmakers Research Association. Sixth Annual Report of the Director of Research, for the year ending August, 1953. Pp. 16. (Manchester: British Hat and Allied Feltmakers Research Association, 1953.) [1111]
- Bulletin of The British Museum (Natural History). Botany. Vol. 1, No. 3: Notes on Podostemaceae for the Revision of the Flora of West Tropical Africa. By G. Taylor. Pp. 51-59. 6s. Zoology. Vol. 2, No. 3: On *Stirpus*, a Genus of Pigmy Canroid Crabs. By Isabella Gordon. Pp. 43-65. 6s. (London: British Museum (Natural History), 1953.) [1111]
- Air Ministry: Meteorological Office. Geophysical Memoirs No. 91 (Sixth Number, Volume 11): Vertical Profiles of Mean Wind in the Surface Layers of the Atmosphere. By E. L. Deacon. Pp. iv+68+1 plate. (London: H.M. Stationery Office, 1953.) 4s. 6d. net. [1111]
- Department of Industry and Commerce: Meteorological Service. Geophysical Publications, Vol. 4, No. 1: The Frequency of Heavy Daily Rainfalls in Ireland. By W. A. Morgan. Pp. 18. (Dublin: Stationery Office, 1953.) 4s. 6d. [1111]