

FORTHCOMING EVENTS

Sunday, September 5—Wednesday, September 8

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Oxford).—Continuation of Annual Meeting.

Sunday, September 5

At 8 p.m.—Prof. C. A. Coulson, F.R.S.: "Science and Religion".

Monday, September 6

At 10 a.m.—Dr. C. J. Stubblefield, F.R.S.: "The Relationship of Palaeontology to Stratigraphy" (Presidential Address, Section C).

At 10 a.m.—Prof. A. D. Macdonald: "The Relief of Pain" (Presidential Address, Section D).

At 8 p.m.—Dr. E. P. Bowden, F.R.S.: "Friction".

Monday, September 6—Thursday, September 9

PHYSICAL SOCIETY (at the Cavendish Laboratory, Cambridge). Conference on "The Physics of the Ionosphere".

Monday, September 6—Tuesday, September 14

INSTITUTE OF METALS (in Switzerland).—Forty-sixth Annual Autumn Meeting.

Tuesday, September 7—Tuesday, September 14

BRITISH MYCOLOGICAL SOCIETY (centred on the University of Southampton).—Autumn Foray, 1954—New Forest, Hampshire.

Thursday, September 9—Monday, September 13

TEXTILE INSTITUTE (at Ghent).—Conference on "Fibre Friction".

APPOINTMENTS VACANT

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

PHYSICIST (with a good honours degree in physics, and at least two or three years research experience, and preferably some practical acquaintance with electronics), to work under the Professor of Laryngology and Otology in the field of psycho- and physio-acoustics—The Secretary, Institute of Laryngology and Otology, 330-332 Grays Inn Road, London, W.C.1 (September 10).

SCIENTIFIC OFFICER (with a first- or second-class honours degree in physics or mathematics, and an interest in applying mathematics to practical problems), to carry out theoretical work in connexion with the design of nuclear reactors—The Establishments Officer, Atomic Energy Research Establishment, Harwell, Berks, quoting 2/103/139 (September 10).

ASSISTANT BIOCHEMIST (with a degree or equivalent qualification in chemistry, and wishing to take up clinical biochemistry)—The Secretary, Welsh National School of Medicine, 34, Newport Road, Cardiff (September 11).

LECTURER (with teaching experience, and a special knowledge of the theory and operation of electrical machinery) IN ELECTRICAL ENGINEERING—The Secretary of University Court, The University, Glasgow (September 11).

LECTURER (graduate in medicine) IN PHYSIOLOGY—The Assistant Registrar, The Medical School, The University, Birmingham 15 (September 17).

ASSISTANT SYLVICULTURIST (with a degree in forestry, and preferably with practical experience in sylvicultural research and biology) in the Wattle Research Institute of the University of Natal, Pietermaritzburg—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (September 30).

LECTURER OR ASSISTANT LECTURER IN HISTOLOGY AND EMBRYOLOGY in the Department of Veterinary Anatomy—The Secretary, Royal Veterinary College and Hospital, Royal College Street, London, N.W.1 (September 30).

LECTURER OR JUNIOR LECTURER IN SOCIOLOGY at Rhodes University, Grahamstown, South Africa—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (South Africa, September 30).

LECTURER (with a degree in electrical engineering, preferably with honours, and a knowledge of the theory of automatic control) IN ELECTRICAL ENGINEERING, at the New South Wales University of Technology, Sydney—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2 (October 15).

CHAIR OF MECHANICAL ENGINEERING in the New South Wales University of Technology, Sydney—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2.

CHEMIST (with a first- or second-class honours degree in chemistry, and preferably with some experience of plant biochemistry), to work on nutritional disorders of glasshouse crops—The Secretary, Experimental and Research Station, Cheshunt, Herts.

CHEMIST (with an honours degree of a British university in chemistry, and/or Associate or Fellow of the B.I.C., and with three years postgraduate experience) in the Medical Department, Hong Kong, to assist the Government Chemist in analytical and consulting work concerned with public health; control of narcotic drugs; strategic materials; dangerous cargoes; commercial analytical work; toxicology, etc.—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD/117/51/108.

MICROBIOLOGIST (with biochemical training) for research on the anaerobic fermentation of cellulose-rich materials; a BIOCHEMIST (with training in plant physiology and microbiology) for research on the biochemistry of nitrogen fixation in nodules on leguminous plants; and a MICROBIOLOGIST (preferably with mycological training), for research on the effects of antiseptics on the soil microflora—The Secretary, Rothamsted Experimental Station, Harpenden, Herts.

MINING GEOLOGIST (with a B.Sc. degree with honours in mining geology) in the Colonial Geological Survey Service, Sierra Leone, for duties which include search for new mineral deposits, mapping, petrology and mineralogy of known mineral deposits, geological mapping, and geophysical prospecting by resistivity and magnetometry—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.105/15/02.

PHYSICAL CHEMIST (with a good honours degree, and preferably with research experience) IN THE COLLOID CHEMISTRY SECTION—The Director of Research, British Rubber Producers' Research Association, 48 Tewin Road, Welwyn Garden City, Herts.

PHYSICIST (Ph.D. or equivalent status, with experience in vacuum technique), for development and control of freeze-drying of biological subjects—The Director, Wellcome Research Laboratories, Langley Court, Beckenham, Kent.

RESEARCH ASSISTANT (graduate in physics or electrical engineering, and interested in the technical problems of nuclear particle accelerations) IN PHYSICS—The Registrar, The University, Birmingham 15.

RESEARCH PHYSICISTS and ELECTRONIC ENGINEERS (with first-class qualifications and experience), with the European Council for Nuclear Research, Geneva, to assist in the design and construction of high-energy accelerating machines for nuclear research—The Secretary, Ministry of Labour and National Service, Almack House, 26 King Street, London, S.W.1, quoting AS.12/CERN.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Forestry Commission. Thirty-Fourth Annual Report of the Forestry Commissioners for the year ended September 30th, 1953. Pp. 84. (London: H.M. Stationery Office, 1954.) 3s. net. [17]

Association of Principals of Technical Institutions and Association of Technical Institutions. Report on the Development of Higher Technological Education. (Summer Meeting—Southport, 10th-12th June, 1954.) Pp. 7. (London: Association of Technical Institutions, (The Polytechnic, London, W.1), 1954.) [57]

Calendar Reform and the Seven-Day Week: a Clarification. By Elisabeth Achelis, James Avery Joyce and Daniel Sher. Pp. 30. (London: World Calendar Association, 1954.) 1s. [57]

Ordnance Survey. Professional Papers. New Series No. 19: The Geodimeter Measurement of the Ridge Way and Caithness Bases, 1953. By Major I. C. C. Mackenzie, R.E. Pp. iii+48 (14 plates). (London: H.M. Stationery Office, 1954.) 5s. net. [57]

Institution of Gas Engineers. Publication No. 440: 91st Annual Report and Accounts. Pp. 42. Publication No. 441: Presidential Address. By John T. Haynes. (91st Annual General Meeting, Bournemouth, 31st May to 3rd June, 1954.) Pp. 9. Publication No. 442: The Organization of the Gas Industry in the South West. By C. H. Chester. Pp. 55. Publication No. 443: Civil Defence and the Gas Industry. By W. N. Marshall. Pp. 30. Publication No. 444: Natural Gas and the Italian Gas Industry. By Dott. Ing. A. Böhm. Pp. 15. Publication No. 445: Centralized Control of a Gas Grid. By F. G. Symon. Pp. 25. Publication No. 446: The Appreciation of Factors Affecting Cost in the Gas Industry. By Dr. J. M. S. Bisk. Pp. 23. Publication No. 447: Human Relations in the Gas Industry. By Henry Lesser. Pp. 20. Publication No. 448: Official Programme. 91st Annual General Meeting, Bournemouth, 31st May to 3rd June, 1954. Pp. 15. (London: Institution of Gas Engineers, 1954.) [57]

Other Countries

Comptes Rendus des travaux du Laboratoire Carlsberg. Série Physiologique. Vol. 25, No. 10: Some Studies on the Genus *Saccharomyces* Hansen. By Aase Hjort. Pp. 259-284+3 plates. 2 kronor, 50 øre. Série Chimique. Vol. 29, No. 2: Studies on Pinocytosis in the Amoeba *Chaos Chaos*. Pp. 7-26+1 plate. 1 kronor, 75 øre. Vol. 29, Nos. 3-4: A Method for the Production of the Flakalbumin-Forming Proteinase from *Bacillus Subtilis*. By A. V. Güntelberg. Purification of the Proteolytic Enzyme from *Bacillus Subtilis*. By A. V. Güntelberg and M. Ottesen. Pp. 27-48. 1 kronor, 75 øre. Vol. 29, No. 5: Partition Chromatography of the A and B Chains of Insulin. By William Anderson. Pp. 49-56. 65 øre. (Copenhagen: En Commission Chez H. Hagerup, 1954.) [57]

Bulletin of the American Museum of Natural History. Vol. 104, Article 1: Bees of Panama. By Charles D. Michener. Pp. 1-176. 3 dollars. Vol. 104, Article 2: A Revision of the Genus *Tornodes* Morrison (Lepidoptera, Geometridae). By Frederick H. Rindge. Pp. 177-236. 1 dollar. (New York: American Museum of Natural History, 1954.) [57]

Scientific Research of Mellon Institute, 1953-54. (Annual Report Series, No. 41.) Pp. iv+56. (Pittsburgh: Mellon Institute of Industrial Research, 1954.) [57]

Editorial and Publishing Offices of "NATURE"

MACMILLAN & CO., LTD.,

ST. MARTIN'S STREET, LONDON, W.C.2.

Telephone Number: Whitehall 8831. Telegrams: Phusis Lesquare London

Annual subscription £6, payable in advance,
postage paid to any part of the world.

Advertisements only should be addressed to

T. G. Scott & Son, Ltd., Crown House, 143-147 Regent Street, London, W.1
Telephone Number: Regent 3891

All rights reserved. Registered as a newspaper at the General Post Office