

## FORTHCOMING EVENTS

Wednesday, September 1st—Wednesday, September 8th  
BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Oxford).—Annual Meeting.

Wednesday, September 1

At 8.30 p.m.—Dr. E. D. Adrian, O.M., F.R.S.: "Science and Human Nature" (Presidential Address).

Thursday, September 2

At 10 a.m.—Sir John Cockcroft, F.R.S.: "Recent Developments in Nuclear Physics" (Presidential Address, Section A).

At 10 a.m.—Sir John Lennard-Jones, F.R.S.: "New Ideas in Chemistry" (Presidential Address, Section B).

At 10 a.m.—Sir Gavin R. de Beer, F.R.S.: "Archaeopteryx and Evolution" (Presidential Address, Section D).

At 10 a.m.—Prof. W. H. Pearsall, F.R.S.: "Growth and Production" (Presidential Address, Section K).

At 11.45 a.m.—Prof. L. S. Hearnshaw: "Recent Studies in the Psychology of Thinking" (Presidential Address, Section J).

At 2.30 p.m.—Dr. C. B. Williams, F.R.S.: "Phenology—The Study of the Seasons" (Presidential Address, Section X).

Friday, September 3

At 10 a.m.—Prof. E. A. G. Robinson: "The Changing Structure of the British Economy" (Presidential Address, Section F).

At 10 a.m.—Dr. Willis Jackson, F.R.S.: "The Effect of New Materials on Engineering Progress" (Presidential Address, Section G).

At 10 a.m.—Sir Mortimer Wheeler: "Colonial Archaeology" (Presidential Address, Section H).

At 10 a.m.—Mr. Ronald Gould: "The Teacher in the Twentieth Century" (Presidential Address, Section L).

At 10 a.m.—Dr. E. E. Slade: "Agriculture—The Industry and the Science" (Presidential Address, Section M).

At 11.30 a.m.—Prof. J. A. Steers: "The Coast and the Geographer" (Presidential Address, Section E).

At 8 p.m.—Prof. W. E. Le Gros Clark, F.R.S.: "Reason and Fallacy in the Study of Fossil Man".

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 I).

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

## APPOINTMENTS VACANT

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

ASSISTANT ADVISORY OFFICER (with an honours degree in agriculture or pure science, and a special interest in grassland work) IN AGRICULTURAL BOTANY—The Secretary, Edinburgh and East of Scotland College of Agriculture, 13 George Square, Edinburgh 8 (September 4).

ASSISTANT, Grade A (with graduate or equivalent qualifications), at Sheffield College of Commerce and Technology, to teach physics in National Certificate Courses in Chemistry and Metallurgy, in advanced level classes for the general certificate of education, and in various City and Guilds courses—The Director of Education, P.O. Box 67, Leopold Street, Sheffield (September 4).

ASSISTANT LECTURER IN METALLURGY—The Registrar, The University, Manchester 13 (September 11).

CHEMISTS (with a first- or second-class honours degree or equivalent in chemistry, and with research experience, preferably in physical chemistry), with the Ministry of Supply at various research stations mainly in the south of England—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting F.546/54A (September 11).

RESEARCH DEMONSTRATOR IN GEOGRAPHY—The Registrar, The University, Sheffield (September 11).

RESEARCH OFFICER (with an honours degree in engineering or science or equivalent qualifications) IN THE DIVISION OF BUILDING RESEARCH, Commonwealth Scientific and Industrial Research Organization, Hightett, Victoria, to participate in a programme of theoretical and experimental research on the properties and uses of lightweight concrete- and gypsum plaster as structural materials—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 390/209 (September 13).

SENIOR RESEARCH OFFICER or RESEARCH OFFICER (with a university degree in veterinary science, with postgraduate research experience in the control of animal diseases or equivalent qualifications) AT THE ANIMAL HEALTH RESEARCH LABORATORY, Commonwealth Scientific and Industrial Research Organization, Parkville, Victoria, to undertake the general responsibilities of a veterinary pathologist and bacteriologist in laboratory and field investigations, and to develop an individual interest in one of the research projects—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 201/81 (September 18).

LECTURER IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Liverpool (September 20).

LECTURER (graduate, with qualifications and/or experience in measurements and/or heavy electrical engineering) IN ELECTRICAL ENGINEERING—The Registrar, The University, Manchester 13 (September 22).

LECTURER IN DRESSING OF MINERALS AND COAL PREPARATION—The Registrar, The University, Leeds 2 (September 27).

LECTURER or ASSISTANT LECTURER (with an honours degree in physical oceanography, mathematics or physics, and prepared to spend several weeks each year at sea) IN THE DEPARTMENT OF OCEANOGRAPHY—The Registrar, The University, Liverpool (September 30).

CHEMIST or METALLURGIST (with a first- or second-class honours degree or equivalent in chemistry or metallurgy, and with post-graduate research experience, particularly concerning the study of corrosion), with the Ministry of Supply, Port Harcourt, Nigeria, to study the effects of tropical conditions on Service materials and equipment—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting F564/54A.

PHYSICIST (with a first- or second-class honours degree in physics and considerable experience of instrumentation research and development) IN THE ROCKET PROPULSION DEPARTMENT, Ministry of Supply, Westcott, Bucks, to lead a small section on rocket instrumentation research—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting 235/54A.

RESEARCH ASSISTANT in the field of Physical Chemistry (reaction kinetics)—The Secretary, University College, Exeter.

SCIENTIFIC ASSISTANT (with a degree in agriculture or natural science, a knowledge of languages, and ability to write clear concise abstracts in English); for duties which will mainly consist of examining and abstracting world scientific literature on grassland and field-crop research—The Director, Commonwealth Bureau of Pastures and Field Crops, Hurley, near Maidenhead, Berks.

SCIENTIFIC OFFICER (with a first- or second-class honours degree in chemistry or equivalent qualifications, and a sound theoretical knowledge of inorganic and physical chemistry, and experience of modern methods of inorganic analysis), at the Capenhurst Works of the United Kingdom Atomic Energy Authority, near Chester, to carry out research and development work on analytical methods—United Kingdom Atomic Energy Authority, Industrial Group Headquarters, P.O. Box 19, Risley, Warrington, quoting 650.

SCIENTIFIC OFFICER (with a first- or second-class honours degree in physics with subsidiary mathematics, and preferably with some knowledge of electronics), at Fort Halstead, Kent, for experimental small-scale work on fundamental problems in connexion with the study of phenomena associated with explosions—The Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 209/WGE/2.

SCIENTIFIC OFFICERS (with a first- or second-class honours degree in engineering, physics or mathematics or equivalent qualifications) in the Department of Scientific and Industrial Research, Mechanical Engineering Research Laboratory, East Kilbride, Glasgow, for research in several branches of mechanical engineering, for example, fluid mechanics, heat transfer, lubrication and improvement of mechanisms—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.551/54A.

SENIOR TECHNICIAN IN THE DEPARTMENT OF BOTANY—The Secretary, Bedford College (University of London), Regent's Park, London, N.W.1.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

Department of Scientific and Industrial Research. Summary of Progress of the Geological Survey of Great Britain and the Museum of Practical Geology, for the year 1953, with Report of the Geological Survey Board and Report of the Director. Pp. iv+90. (London: H.M. Stationery Office, 1954.) 3s. net.

Forestry Commission. The Queen Elizabeth Forest Park: Ben Lomond, Loch Ard and the Trossachs. Edited by Dr. John Walton. Pp. vii+80+1 map. (London: H.M. Stationery Office, 1954.) 3s. 6d. net.

Forestry Commission. Traps for Grey Squirrels. Pp. 9. Forest Record No. 26: Drought Crack of Conifers. By W. R. Day. Pp. 40 (10 plates). 2s. 6d. net. Forest Record No. 27: Use of Home-Grown Timber in Wood Turning and Related Trades in Scotland in 1953. By J. R. Aaron. Pp. 10+4 plates. 1s. 3d. Forest Record No. 28: Volume Table for Small Hardwood Trees. By J. N. R. Jeffers. Pp. 10. 9d. net. (London: H.M. Stationery Office, 1954.) [17]

## Other Countries

World Health Organization. Technical Report Series No. 83: Methodology of Planning an Integrated Health Programme for Rural Areas. Second Report of the Expert Committee on Public Health Administration. Pp. 46. 1s. 9d.; 0.25 dollars; 1 Swiss franc. Technical Report Series No. 85: First International Conference of National Committees on Vital and Health Statistics. Report. Pp. 22. 1s. 9d.; 0.25 dollars; 1 Swiss franc. Technical Report Series No. 86: Expert Committee on Biological Standardization. Seventh Report. Pp. 22. 1s. 9d.; 0.25 dollars; 1 Swiss franc. (Geneva: World Health Organization; London: H.M. Stationery Office, 1954.) [57]

Smithsonian Miscellaneous Collections. Vol. 120 (Whole Volume) [57] Smithsonian Physical Tables. Ninth revised edition. Prepared by William Elmer Forsythe. (Publication 4169.) Pp. vi+827. (Washington, D.C.: Smithsonian Institution, 1954.) 9 dollars, paper; 10 dollars, cloth.

United States Department of Agriculture. Farmers' Bulletin No. 1829: Insects and Diseases of the Pecan and their Control. Pp. 56. (Washington, D.C.: Government Printing Office, 1954.) 25 cents.

United States Naval Observatory. Circular No. 51: Positions, Areas and Counts of Sunspots, March–April, 1954. By Dr. Winifred Sawtell Cameron. Pp. 4. (Washington, D.C.: U.S. Naval Observatory, 1954.) [57]