

## FORTHCOMING EVENTS

Thursday, July 6—Sunday, July 9

BRITISH RHEOLOGISTS' CLUB (at St. Hilda's College, Oxford).—Conference.

Friday, July 7

10 a.m.—"Rheology of Large Deformations and Plastic Flow", (a) Plasticity of Metals; (b) Polymers; (c) The Liquid State.

2.15 p.m.—"Relations between Shear, Tension and Compression in Complex Bodies (The pi-problem)".

5 p.m.—"Some Rheological Applications to Medical Science".

Saturday, July 8

10 a.m.—"Rheological Nomenclature and Symbols Metallurgical and Non-Metallurgical".

8.30 p.m.—"Future Organisation of Rheology".

Tuesday, July 11

QUEKETT MICROSCOPICAL CLUB (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Exhibition of specimens and discussion.

Thursday, July 13

SOCIETY OF CHEMICAL INDUSTRY (joint meeting of the LONDON SECTION and the INSTITUTE OF METALS) (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 7.30 p.m.

Friday, July 14

SOCIETY OF CHEMICAL INDUSTRY (at the Royal Institution, Albemarle Street, London, W.1).—Sixty-third Annual Meeting. At 11.30 a.m.—Presidential Address. At 2.45 p.m.—Prof. A. V. Hill, F.R.S.: Messel Medal Address.

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. J. Proudman, F.R.S.: "The Tides of the Atlantic Ocean" (George Darwin Lecture).

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER or LECTURER IN PHYSIOLOGY—The Secretary, King's College, Strand, London, W.C.2 (July 11).

MISTRESS or MASTER to teach MATHEMATICS in the Junior Technical School of the Selby Art School and Technical Institute—The Secretary to the Managers, Education Office, Garforth, near Leeds (July 11).

CITY ELECTRICAL ENGINEER and MANAGER of the Carlisle Electricity Undertaking—The Town Clerk, Town Hall, Carlisle (July 12).

ASSISTANT MASTER to teach ENGINEERING DRAWING, ENGINEERING SCIENCE, and WORKSHOP TECHNOLOGY up to the standard of the Ordinary National Certificate in Mechanical Engineering, in the Redditch Technical School—Mr. G. Brodrick, Education Office, Church Green West, Redditch (July 12).

DEPUTY BOROUGH ENGINEER and SURVEYOR and DEPUTY PLANNING OFFICER—The Borough Engineer and Surveyor, Town Hall, Barking, Essex (July 13).

ASSISTANT MASTER (temporary) to teach SCIENCE SUBJECTS, principally CHEMISTRY and MECHANICS, in the Junior Technical School—The Director of Education, City Education Offices, 33 St. David's Hill, Exeter (July 14).

ASSISTANT VETERINARY INVESTIGATION OFFICER at the University of Bristol Agricultural Advisory Centre—The Secretary and Registrar, The University, Bristol (July 14).

ELECTRICAL ENGINEER (temporary)—The Clerk to the East Grinstead Urban District Council, Norton House, London Road, East Grinstead, Sussex (endorsed 'Temporary Electrical Engineer') (July 14).

BURSAR to the Queen's College, Oxford—The Provost, Queen's College, Oxford (July 15).

SPEECH THERAPIST—The Director of Education, Shire Hall, Nottingham (July 15).

ASSISTANT LECTURER and DEMONSTRATOR (woman) IN ZOOLOGY—The Principal, Royal Holloway College, Englefield Green, Surrey (July 15).

MAN or WOMAN to teach GEOGRAPHY and ELEMENTARY MATHEMATICS in the Mexborough Schofield Technical College—Mr. E. B. Stockdale, Education Office, Mexborough, Yorks. (July 15).

LECTURER (temporary) IN MINING, a LECTURER (temporary) IN MINERAL DRESSING, and a LECTURER (temporary) IN ENGINEERING—The Professor of Mining, Royal School of Mines, Prince Consort Road, London, S.W.7 (July 15).

LECTURER IN GEOGRAPHY—The Principal, Borough Road College, Isleworth, Middlesex (July 17).

DEMONSTRATOR (man or woman) in the Department of Inorganic and Physical Chemistry—The Secretary, Bedford College for Women, Regent's Park, London, N.W.1 (July 17).

GRADUATE or equivalent in MECHANICAL and/or ELECTRICAL ENGINEERING, and a GRADUATE IN SCIENCE to teach Science in Lower Forms, together with some General Subjects, in the Bridgend Mining and Technical Institute—The Director of Education, County Hall, Cardiff (July 17).

MASTER or MISTRESS (temporary, full-time) to teach MATHEMATICS and SCIENCE to Junior Technical students, ARITHMETIC to Junior Commercial students, and SCIENCE to Catering students in the Harrogate Technical Institute—Mr. W. E. C. Jalland, Secretary to the Managers, Municipal Offices, Harrogate (July 17).

ENGINEER to the Eden Catchment Board—The Acting Clerk to the Eden Catchment Board, The Courts, Carlisle (July 19).

GRADUATE LECTURER IN ELECTRICAL ENGINEERING at the Lincoln Technical College—The Director of Education, City Education Office, 4 Lindum Road, Lincoln (July 19).

DIRECTOR OF THE OTAGO SCHOOL OF MINES (University of Otago)—The High Commissioner for New Zealand, 415 Strand, London, W.C.2 (July 21).

LECTURER IN EXPERIMENTAL PHYSIOLOGY—The Registrar, The University, Sheffield (July 28).

JOHN RANKIN CHAIR OF GEOGRAPHY—The Registrar, The University, Liverpool (July 31).

W. H. COLLINS PROFESSORSHIP OF HUMAN AND COMPARATIVE PATHOLOGY—The Secretary, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2 (July 31).

SENIOR LECTURESHIP IN THE DEPARTMENT OF METALLURGY of the University of the Witwatersrand—Dr. W. Cullen, 4 Broad Street Place, London, E.C.2 (July 31).

FOREST ENGINEER for the Sierra Leone Government Forestry Department—The Secretary, Overseas Manpower Committee, Ministry of Labour and National Service, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. 1114).

DAIRY CHEMIST (University Honours Graduate, with Bacteriology training)—The Technical Office, Milk Marketing Board, Thames Ditton, Surrey.

LECTURER (woman) IN EDUCATIONAL PSYCHOLOGY—The Principal, St. Katharine's College (Liverpool), at Queen's Hotel, Keswick, Cumberland.

GRADUATE ASSISTANTS (two) qualified to teach MATHEMATICS, SCIENCE and ENGINEERING DRAWING in the Junior Technical School and National Certificate classes, at the Ashton-under-Lyne Technical School—The Director of Education, 8 Warrington Street, Ashton-under-Lyne, Lancs.

MASTER or MISTRESS for MATHEMATICS, and a MASTER for ENGINEERING SUBJECTS—The Principal, Erith Technical College, Belvedere, Kent.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Post-War Development in Radio Engineering, Part 1. Pp. 16. (London: British Institution of Radio Engineers.) [136]

Natural Lighting: General Considerations for those concerned with Lighting Problems of Reconstruction. (Lighting Reconstruction Pamphlet, No. 4.) Pp. 12. (London: Illuminating Engineering Society.) 1s. [136]

Souvenir of the Columbus Quincentenary Exhibition. Being a Descriptive Guide to the Exhibition of Rare Books relating to America, opened in the Wigan Library, May 30, 1944, by Dr. Richard Heindel. Compiled by Arthur J. Hawkes. Pp. 12. (Wigan: Public Library.) 2s. [136]

British Rubber Producers' Research Association. Publication No. 45: The Statistical Length of Rubber Molecules. By L. R. G. Treloar. Pp. 8. (London: British Rubber Producers' Research Association.) [136]

Imperial Bureau of Plant Breeding and Genetics. Bibliography on Insect Pest Resistance in Plants (with a Supplement on Resistance to Nematodes). Pp. 40. (Cambridge: School of Agriculture.) 1s. 6d. [136]

### Other Countries

Educational Yearbook of the International Institute of Teachers College, Columbia University, 1943. Edited by Prof. I. L. Kandel. Pp. xi+297. (New York: Teachers College, Columbia University.) 3.70 dollars. [56]

Punjab Irrigation Research Committee. Report for the Year ending April 1941. Pp. vii+234. (Lahore: Government Printing Office.) [86]

Imperial College of Tropical Agriculture. Report of the Governing Body and the Principal's Report to December 31st, 1943, and the Accounts for the Year ended August 31st, 1943. Pp. 24. (Trinidad and London: Imperial College of Tropical Agriculture.) [136]

Carnegie Institution of Washington. Year Book No. 42, July 1, 1942–June 30, 1943; with Administrative Reports through December 7, 1943. Pp. xxxii+208. (Washington, D.C.: Carnegie Institution.) [136]

Bulletin of the American Museum of Natural History. Vol. 82, Art. 7: New England Annelida, Part 2, including the Unpublished Plates by Verrill with Reconstructed Captions. By Olga Hartman. Pp. 327–344+plates 45–60. (New York: American Museum of Natural History.) [136]

University of California Publications in American Archeology and Ethnology. Vol. 35, No. 10: Observations on the Yurok; Childhood and World Image. By Erik Homburger Erikson. Pp. vi+257–302. 50 cents. Vol. 39, No. 3: Concerning the Middle Chimú Style. By Jorge C. Muelle. Pp. 203–222+plates 6–7. 35 cents. Vol. 40, No. 1: Studies in Plains Indian Folklore. By Robert H. Lowie. Pp. 28. 35 cents. Vol. 40, No. 2: Notes on Pomo Ethnogeography. By Omer C. Stewart. Pp. 29–62. 35 cents. Vol. 40, No. 3: Washo-Northern Paiute Peyotism; a Study in Acculturation. By Omer C. Stewart. Pp. vi+63–142+plates 1–2. 1 dollar. (Berkeley and Los Angeles, Calif.: University of California Press; London: Cambridge University Press.) [136]

### Catalogues

Books and Prints relating to Mexico, South America, Central America, the West Indies, Bermuda, the Antarctic, with a Selection of Old Atlases and Maps. (Catalogue No. 671.) Pp. 58. (London: Francis Edwards, Ltd.)