

Monday, November 23

INSTITUTE OF ACTUARIES (at Staple Inn Hall, High Holborn, London, W.C.1), at 5 p.m.—Mr. J. R. Ford and Mr. C. M. Stewart: "Population Trends in Great Britain".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. R. F. Hoskins: "Loop Gain and Return Difference of Transistor Amplifiers".

ROYAL INSTITUTION OF NAVAL ARCHITECTS (at the North East Coast Institution of Engineers and Shipbuilders, Bolboe Hall, Newcastle upon Tyne), at 6 p.m.—Mr. W. D. Horsley: "The High Speed Generator—Eighty Years of Progress" (Sir Charles Parsons Memorial Lecture).

INSTITUTION OF MECHANICAL ENGINEERS, MANIPULATIVE AND MECHANICAL HANDLING MACHINERY GROUP (in the Renold Building of the College of Science and Technology, Manchester), at 6.45 p.m.—Discussion on "The Mechanics of High-Speed Weaving".

APPOINTMENTS VACANT

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

RESEARCH ASSISTANT IN THE GEOGRAPHICAL RESEARCH DIVISION for work primarily in the field of economic geography—Dr. J. E. Martin, London School of Economics and Political Science, Houghton Street, London, W.C.2 (November 20).

ASSISTANT LECTURER (honours graduate in pharmacy, preferably with a special interest in the physico-chemical aspects of pharmaceutical chemistry) IN PHARMACEUTICAL CHEMISTRY—The Registrar, University of Strathclyde, George Street, Glasgow, C.1 (November 21).

LECTURER OR ASSISTANT LECTURER IN THE DEPARTMENT OF PHILOSOPHY—The Registrar, The University, Leeds, 2 (November 23).

SENIOR LECTURER OR LECTURER IN MEDICAL STATISTICS IN THE DEPARTMENTS OF MATHEMATICS AND PUBLIC HEALTH—The Secretary of the University Court, The University, Glasgow (November 27).

LECTURER OR ASSISTANT LECTURER (with interests in sensory processes and perception, or in the study of human learning) IN PSYCHOLOGY—The Secretary and Registrar, Room 9, The University, Southampton (November 28).

ASSISTANT EXPERIMENTAL OFFICER (with experience in biological or analytical laboratory work) IN THE DEPARTMENT OF BIOCHEMISTRY, to join a team investigating metabolic aberrations in cattle—The Secretary, Institute for Research on Animal Diseases, A.R.C., Compton, Near Newbury, Berkshire (November 30).

JUNIOR LECTURER/LECTURER IN SOCIAL ANTHROPOLOGY at Rhodes University, Grahamstown, South Africa—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, November 30).

LECTURER IN PHYSIOLOGY and a SENIOR LECTURER IN PHYSIOLOGY—The Secretary, The Royal Veterinary College (University of London), Royal College Street, London, N.W.1 (November 30).

LECTURER IN THE DEPARTMENT OF PHYSICS—The Secretary, University College, Gower Street, London, W.C.1 (November 30).

LECTURER (with a good honours degree in physiology and/or a veterinary qualification) IN THE DEPARTMENT OF VETERINARY PHYSIOLOGY IN THE FACULTY OF VETERINARY MEDICINE—The Secretary, The University, Old College, South Bridge, Edinburgh, 8 (November 30).

LECTURERS and ASSISTANT LECTURERS (honours graduates) IN CHEMISTRY, BOTANY and ZOOLOGY IN THE FACULTY OF SCIENCE, University College of Science Education, Cape Coast, Ghana—The Assistant Registrar, University College of Science Education, 15 Gordon Square, London, W.C.1 (November 30).

RESEARCH ASSISTANT IN THE DEPARTMENT OF VETERINARY PHYSIOLOGY, to take part in an investigation, supported by the Agricultural Research Council, into the electrophysiology of the nervous control of gastrointestinal activity in sheep—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh, 8 (November 30).

LECTURER OR ASSISTANT LECTURER IN PURE MATHEMATICS—The Registrar, University of Kent at Canterbury, Westgate House, Canterbury, Kent (December 5).

JOSEPH HUNTER CHAIR OF PATHOLOGY—The Registrar, The University, Sheffield, 10 (December 12).

LECTURER IN MATHEMATICAL STATISTICS at the University of Sydney, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, December 18).

OFFICIAL FELLOW and LECTURER IN PHILOSOPHY—The Warden, Wadham College, Oxford (January 1).

AGRICULTURAL SUPERINTENDENT (with a degree in agriculture) in Dominica, to be responsible to the Minister of Trade and Production for the administration of the Agricultural Department, for the agricultural development programme, including general supervision, and to act in an advisory capacity—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting Ref. RC 213/52/01.

HEAD OF THE CHEMISTRY DEPARTMENT—Grade VI; HEAD OF THE MATHEMATICS DEPARTMENT—Grade IV; and HEAD OF THE BIOLOGY and GEOLOGY DEPARTMENT—Grade IV—Clerk to the Governing Body, Northern Polytechnic, Holloway, London, N.7.

HEALTH PHYSICIST (with an honours degree or equivalent in physics) to work on all aspects of safety and radiation protection and measurement—Recruitment Officer, U.K.A.E.A. Experimental Reactor Establishment, Dounreay, Thurso, Caithness, Scotland, quoting Ref. E.475/34.

LECTURER IN MATHEMATICS; a LECTURER IN COMPUTING; and a LECTURER IN STATISTICS—The Academic Registrar, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

LECTURER OR ASSISTANT LECTURER IN NUMERICAL ANALYSIS—The Registrar (Room 22, O.R.B.), The University, Reading.

PHYSICIST or PHYSICAL CHEMIST (with at least three years research experience in the field of semiconductor material behaviour, photochemistry, or polymer structure characterization)—The Director, Arthur D. Little Research Institute, Inveresk, Musselburgh, Midlothian, Scotland.

SENIOR TECHNICIAN I for work in virology—Dr. H. B. E. Cadness-Graves, Public Health Laboratory, Peace Memorial Hospital, Watford, Hertfordshire.

TECHNICIAN (preferably with experience with radioisotopes) for biochemical research on cerebral enzymes and proteins concerned in phosphorus metabolism—The Secretary, Institute of Psychiatry, The Maudsley Hospital, Denmark Hill, London, S.E.5.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

The British Drug Houses, Ltd. Industrial Applications of Panacide: Aldehyde, Bactericide, Fungicide. Pp. 10. Enzyme Substrates. Pp. 6. (Poole: British Drug Houses, Ltd., 1964.) [610]

The Ramblers' Association. The Right to Roam: The Rambler and the Countryside. Pp. 32. (London: The Ramblers' Association, 1964.) 2s. [610]

Imperial College of Science and Technology (University of London). Shorter Postgraduate Courses, Autumn Term, Session 1964-65. Pp. 16. (London: Imperial College of Science and Technology, 1964.) [610]

Current Medical Research: a Reprint of Articles in the Report of the Medical Research Council for the year 1962-1963. Pp. iii+51+3 plates. (London: H.M. Stationery Office, 1964.) 4s. 6d. net. [610]

Agricultural Research Council. Experimental Farm Buildings—Report No. 1: Cow Cubicles. By Dr. H. R. Livingston. Pp. 16. (London: Agricultural Research Council, 1964. Obtainable from H.M. Stationery Office, 1964.) 2s. 6d. [610]

Electrical Research Association. Technical Report No. 5014: High Field Effects for Linear Chains of Dipoles or Limited Conducting Paths. By Dr. Vera Daniel and P. U. Vein. Pp. 13+3 figures. (Leatherhead: Electrical Research Association, 1963.) 12s. 6d. [610]

Bulletin of the British Museum (Natural History). Botany. Vol. 3, No. 4: A Revision of the Genus *Petrophaga*. By P. W. Ball and V. H. Heywood. Pp. 119-172+plates 13-15. 22s. Vol. 12, No. 1: Polyzoa from West Africa. Notes on the Genera *Hippoporina* Neviani, *Hippoporina* Canu, *Cleidochasma* Harmer and *Hippoporina* Canu and Bassler (Cheilostomata, Ascophora). By P. L. Cook. Pp. 1-35+plates 1-3. 15s. (London: British Museum (Natural History), 1964.) [610]

The University of Sussex. Prospectus 1964/65. Pp. 120. (Stanmer, Brighton: The University of Sussex, 1964.) [610]

Institute of Seaweed Research. Annual Report for 1963. Pp. 23. (Inveresk, Midlothian: Institute of Seaweed Research, 1964.) [610]

Other Countries

United States Department of the Interior: Geological Survey. Water-Supply Paper 1499-I: Water Resources of the Wichita Area, Kansas. By L. B. Petri, C. W. Lane and L. W. Furness. Pp. v+69+plate 1. Water-Supply Paper 1535-I: Sources of Mineral Constituents in Water from Granitic Rocks, Sierra Nevada, California and Nevada. By J. H. Feth, C. E. Robertson and W. L. Polzer. Pp. iv+70+plate 1. Water-Supply Paper 1535-J: Chemical Composition of Snow in the Northern Sierra Nevada and Other Areas. By J. H. Feth, S. M. Rogers and C. E. Robertson. Pp. iii+39+plate 1. Water-Supply Paper 1608-E: Hydrogeologic Reconnaissance of Poro Point and Vicinity, Luzon Island, Philippines. By G. F. Worts, Jr. Pp. iii+14+plate 1. (Washington, D.C.: Government Printing Office, 1964.) [510]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1653: Ground-Water Resources of the Lower Rio Grande Valley Area, Texas. By Roger C. Baker and O. C. Dale. Pp. v+56+plates 1-5. Water-Supply Paper 1654: Ground Water for Irrigation in the Snake River Basin in Idaho. By M. J. Mundorf, E. G. Crosthwaite and C. Kilburn. Pp. vii+224+plates 1-6. Water-Supply Paper 1656: Geology and Ground-Water Features of the Edison-Maricopa Area, Kern County, California. By P. R. Wood and R. H. Dale. Pp. vi+108+plates 1-12. Water-Supply Paper 1664: Geology and Ground Water of San Antonio Creek Valley, Santa Barbara County, California. By K. S. Muir. Pp. v+53+plates 1-4. Water-Supply Paper 1669-R: Geology and Ground-Water Conditions of the Redwood Falls Area, Redwood County, Minnesota. By George R. Schiner and Robert Schneider. Pp. iv+46+plates 1-11. (Washington, D.C.: Government Printing Office, 1964.) [510]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1696-B: Determination of Radium in Water. By F. B. Barker and J. O. Johnson. Pp. iii+29. Water-Supply Paper 1700: Geochemistry of Natural Waters of the Blue Grass Region, Kentucky. By G. E. Hendrickson and R. A. Krieger. Pp. vii+135+plates 1-9. Water-Supply Paper 1721: Compilation of Records of Surface Waters of the United States, October 1950 to September 1960. Part 1-A: North Atlantic Slope Basins, Maine to Connecticut. Prepared under the direction of E. L. Hendricks. Pp. x+317+plate 1. Water-Supply Paper 1726: Compilation of Records of Surface Waters of the United States, October 1950 to September 1960. Part 3-B: Cumberland and Tennessee River Basins. Prepared under the direction of E. L. Hendricks. Pp. viii+269+plate 1. Water-Supply Paper 1729: Compilation of Records of Surface Waters of the United States, October 1950 to September 1960. Part 6-A: Missouri River Basin Above Sioux City, Iowa. Prepared under the direction of E. L. Hendricks. Pp. xii+507+plate 1. Water-Supply Paper 1730: Compilation of Records of Surface Waters of the United States, October 1950 to September 1960. Part 6-B: Missouri River Basin Below Sioux City, Iowa. Prepared under the direction of E. L. Hendricks. Pp. xiii+514+plate 1. Water-Supply Paper 1733: Compilation of Records of Surface Waters of the United States, October 1950 to September 1960. Part 9: Colorado River Basin. Prepared under the direction of E. L. Hendricks. Pp. xv+586+plate 1. (Washington, D.C.: Government Printing Office, 1964.) [510]

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