

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

lead, a team studying plankton in relation to the herring, and duties will include occasional work at sea in fishing vessels and research ships—The Officer-in-Charge, Oceanographic Laboratory, Scottish Marine Biological Association, 78 Craighall Road, Edinburgh 6 (April 5)

CHIEF TECHNICIAN IN THE DEPARTMENT OF PHYSICS, University College of Ghana—The Assistant Registrar (London), University College of Ghana, 20 Tavistock Square, London, W.C.1 (April 10).

ASSISTANT LECTURER (suitably qualified graduate in chemistry or agricultural chemistry) IN CHEMISTRY—The Registrar, Wye College (University of London), near Ashford, Kent (April 12).

ELECTRONICS TECHNICIAN (with a wide general knowledge of electronics, an interest in instrumentation, an inventive mind and the ability to accept responsibility) IN THE DEPARTMENT OF CHEMISTRY, for duties which will include the development and maintenance of special equipment for teaching and research—The Registrar, The Manchester College of Science and Technology, Manchester 1 (April 12).

RESEARCH FELLOW and a RESEARCH DEMONSTRATOR IN THE DEPARTMENT OF CHEMISTRY—The Registrar, University College, Singleton Park, Swansea (April 12).

RESEARCH STUDENT (graduate, preferably with qualifications in physical geography) IN THE COASTAL GEOGRAPHY OF ROMAN BRITAIN, centred initially on the Thames Estuary—The Director and Secretary, Royal Geographical Society, 1 Kensington Gore, London, S.W.7 (April 14).

LECTURER IN MATHEMATICS, and a LECTURER IN PHILOSOPHY at Acadia University, Wolfville, Nova Scotia, Canada—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (April 15).

ASSISTANT IN THE ZOOLOGY DEPARTMENT AND GATTY MARINE LABORATORY of St. Salvator's College—The Joint Clerk to the University Court, College Gate, St. Andrews (April 16).

ASSISTANT LECTURER IN SOCIAL ANTHROPOLOGY—The Secretary, London School of Economics and Political Science, Houghton Street, London, W.C.2 (April 16).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS IN CHEMISTRY, ENGINEERING, PHARMACOLOGY or PHYSICS—Joint Clerk to the University Court, College Gate, St. Andrews (April 19).

TECHNICIAN IN THE DEPARTMENT OF PHYSIOLOGY, University of Khartoum—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (April 20).

CHAIR OF EDUCATION, with special reference to education in tropical areas tenable at the Institute of Education—The Academic Registrar, University of London, Senate House, London, W.C.1 (April 23).

WALTER MYER and EVERETT DUTTON CHAIR OF PARASITOLOGY AND ENTOMOLOGY—The Registrar, The University, Liverpool (April 26).

CHAIR OF GEOGRAPHY—The Registrar, The University, Hull (April 30).

RESEARCH FELLOW IN THE DEPARTMENT OF NUCLEAR PHYSICS, Research School of Physical Sciences, Australian National University—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, April 30).

ENGLISH ELECTRIC RESEARCH FELLOW for postgraduate research into the problems of vibration or stability and control of aircraft—The Warden, The College of Aeronautics, Cranfield, Bletchley, Bucks (May 1).

MATHEMATICIANS (2) (preferably with a Ph.D. degree in mathematics)—G. R. Magee, Department of Mathematics, University of Western Ontario, London, Ontario, Canada (May 1).

PROFESSOR (with high academic qualifications in science and experience in teaching or research) OF SOIL SCIENCE at Canterbury Agricultural College (University of New Zealand)—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, June 30).

ENTOMOLOGIST (under 35 years of age, a university degree (preferably honours) in entomology or zoology and postgraduate experience in applied entomology) IN THE TSETSE CONTROL DEPARTMENT, Uganda, to conduct investigations into tsetse distribution and ecology in the field; plan and supervise tsetse surveys and control; and train junior staff—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.77/9/02.

INSTRUCTORS AND ASSISTANT PROFESSORS (with the Ph.D. degree, or equivalent, in inorganic or physical chemistry) IN THE DEPARTMENT OF CHEMISTRY—Prof. C. A. McDowell, Department of Chemistry, University of British Columbia, Vancouver, B.C., Canada.

LECTURER (preferably qualified in some branch of applied physics) IN PHYSICS in the Department of Natural Philosophy—The Secretary, Royal College of Science and Technology, Glasgow.

LECTURER/SENIOR LECTURER (with a degree in pharmacy or a related subject) IN PHARMACY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, April 12).

PHYSICISTS (with a first- or second-class honours degree in physics and preferably a working knowledge of electronics and experience in one or more of the following fields: gas discharges, detonation processes or solid state physics), to undertake work in the field of electrical physics, devising novel items and proving their feasibility for special application—The Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berkshire, quoting Ref. A/1640/34.

SCIENTISTS (degree standard), for research into the application of existing sources of energy and the exploitation of new ones in the iron and steel industry—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting "F.T.5".

SENIOR LECTURER (with considerable practical experience in the rubber industry and professional and/or academic qualifications) IN RUBBER TECHNOLOGY; a SENIOR LECTURER (with laboratory and/or industrial experience of rubbers and rubber-like plastics and their physical testing) IN PHYSICAL CHEMISTRY OF POLYMERS; a LECTURER (science graduate prepared to teach polymer chemistry and to work on colloid dispersions) IN POLYMER CHEMISTRY; and a LECTURER (qualified young engineer prepared to treat rubber as an engineering material, particularly in dynamic applications) IN RUBBER IN ENGINEERING—The Clerk to the Governors, National College of Rubber Technology, Holloway, London, N.7.

Great Britain and Ireland

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 979, Vol. 250 (12 December, 1957): An Experimental Determination of the Fermi Surface in Copper. By A. B. Pippard. Pp. 325-357. 10s. 6d. No. 980, Vol. 250 (12 December, 1957): The Angular Acceleration of Liquid Helium II. By H. E. Hall. Pp. 359-385. 10s. (London: Royal Society, 1957.) [1612]

Polish Cultural Institute. Selective Quarterly Guide to Polish Periodical Literature, Vol. II, 4, 1957. Pp. 1+74. (London: Polish Cultural Institute, 1957.) [1612]

Ministry of Education. Report on the Regional European Seminar on the Universities and Adult Education, Bangor, North Wales, September 1st-14th, 1956. (Arranged by the United Kingdom National Commission for UNESCO.) Pp. xii+155. (London: H.M. Stationery Office, 1957.) 5s. net. [1712]

Milford Haven Conservancy Bill. Pp. iv+38. (London: H.M. Stationery Office, 1957.) 1s. 9d. net. [1721]

The Boards of the Nationalized Industries. By Lord Simon of Wythenshawe. Pp. 54. (London: Longmans, Green and Co., Ltd., 1957.) 2s. 6d. net. [2012]

Other Countries

Food and Agriculture Organization of the United Nations. FAO Report No. 680: Report to the Government of India on Soil Conservation. By B. M. Gorrie. Pp. ii+15. (Rome: Food and Agriculture Organization of the United Nations, 1957.) [1612]

Fifth Annual Report of the West African Institute for Oil Palm Research, 1956-57. Pp. 132. (Benin City: West African Institute for Oil Palm Research: London: Crown Agents for Oversea Governments and Administrations, 1957.) 2s. 6d. [1612]

Institut des Parcs Nationaux du Congo Belge. Exploration du Parc National Albert (Mission J. de Heinzeln de Braucourt, 1950). Fascicule 3: Mollusques Quaternaires de la Région du Lac Édouard. By William Adam. Pp. 172+11 planches. Exploration du Parc National Albert. Deuxième Série. Fascicule 4: Coagulation du Sang Chez les Arthropodes. Par Charles Grégoire et Pierre Jolivet. Pp. 45+9 planches. Exploration du Parc National de la Garamba (Mission H. de Saeger, en collaboration avec P. Baert, G. Demoulin, L. Denisoff, J. Martin, M. Micha, A. Noirfalise, P. Schoemaker, G. Troupin et J. Verschuren). Fascicule 8: Nématodes—Parasites d'Oiseaux. Par Claire Vuylsteke. Pp. 20. (Bruxelles: Institut des Parcs Nationaux du Congo Belge, 1957.) [1612]

Report of the South African Museum for the year ended 31st March, 1957. Pp. 21. (Cape Town: South African Museum, 1957.) [1612]

Berichte des Deutschen Wetterdienstes, Nr. 29 (Band 5): Tafeln zur Häufigkeitszerlegung mit Anwendungsbeispielen. Von Oskar Eissenwanger. Pp. 13 mit 2 Abbildungen und 5 Tabellen im Text sowie 3 Tafeln. (Bad Kissingen: Deutschen Wetterdienstes, 1957.) [1612]

Abridged Scientific Publications from the Kodak Research Laboratories, Vol. 33, 1951. Pp. 591+xxix. (Rochester, N.Y.: Eastman Kodak Company, 1957.) 3 dollars. [1612]

An Annotated Checklist of the Birds of Borneo. By B. E. Smythies (*The Sarawak Museum Journal*, Vol. 7, No. 9, June, 1957.) Pp. xv+523-818. (Kuching, Sarawak: Sarawak Museum, 1957.) [1612]

Wissenschaftliche Ergebnisse der Deutschen Atlantischen Expedition auf dem Forschungs- und Vermessungsschiff "Meteor" 1925-1927. Band 9: Die Verteilung des Sauerstoffs und des Phosphats im Atlantischen Ozean. Zweite Lieferung: Die Verteilung des Phosphats im Atlantischen Ozean. Von Hermann Wattenberg. Pp. 133-180+Tafel 1-26. (Berlin: Walter de Gruyter und Co., 1957.) [1612]

Bulletin of the Astronomical Institutes of the Netherlands. No. 478 (1957 September 9): Photo-Electric Observations of the Polarization and Surface Brightness of the Crab Nebula made at the Observatoire de Haute Provence. By Th. Walraven. Pp. 293-316. No. 479 (1957 October 11): U Trianguli Australis, a Classical Cepheid with Secondary Period. By P. Th. Oosterhoff. Pp. 317-339. No. 480 (1957 November 9): Rotation and Density Distribution of the Andromeda Nebula Derived from Observations of the 21-cm. Line. By H. C. van de Hulst, E. Raimond and H. van Woerden. Pp. 1-20. No. 491 (1957 November 11): The Helium Spectrum of the Chromosphere. By C. de Jager and B. H. M. de Groot. Pp. 21-25. Analen van de Sterrewacht te Leiden. Deel 20, Zeventiende Stuk: A Further Investigation of the Region Around OPD-31* 5547. Discussion of Fifteen Short-Period Variable Stars. Discussion of Ninety-Five Long-Period Variable Stars. By J. Ponsen. Pp. i+421-465. (Leyden: Astronomical Institutes of the Netherlands, 1957.) [1612]

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 £7/15/-, payable in advance, postage paid to any part of the world

Advertisements only should be addressed to

T. G. Scott & Son, Ltd., 1 Clement's Inn, London, W.C.2
Telephone Number: Holborn 4743

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