

GEOLOGISTS (graduate geologists or mining geologists with a minimum of five years field experience), for service in southern and eastern Africa; based on overseas offices of the Authority—The Establishments Officer, United Kingdom Atomic Energy Authority, 14 Ormond Yard, London, S.W.1.

LECTURERS (2) (with an honours degree in chemistry and considerable research experience) IN CHEMISTRY; and **ASSISTANT LECTURERS** (5) (with an honours degree in chemistry and some research experience) IN CHEMISTRY—The Registrar, The Manchester College of Science and Technology, Manchester 1 (May 1).

LABORATORY TECHNICIAN (PHYSICS)—The Registrar (PT), Queen Mary College (University of London), Mile End Road, London, E.1.

LECTURER IN THE DEPARTMENT OF PHYSICS—The Clerk to the Governors, Northern Polytechnic, Holloway, London, N.7.

LECTURER (woman, with sound academic qualifications and teaching experience) IN CHEMISTRY—The Warden, Goldsmiths' College, New Cross, London, S.E.14.

MATHEMATICIANS (preferably with a degree, or at least H.S.C. with mathematics as a principal subject, or G.C.E. in five subjects, including mathematics and one other subject to advanced level), to assist Mathematical Physicists in the study of basic physical phenomena occurring in atomic explosions—The Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting Ref. 1436/34.

METALLURGISTS or PHYSICISTS for research on (a) properties of liquid alloys as related to behaviour in nuclear reactors, and (b) physical metallurgy of the newer metals—Prof. J. G. Ball, Metallurgy Department, Imperial College, London, S.W.7.

PHYSICIST or ELECTRICAL ENGINEER (with a first- or second-class honours degree in physics or electrical engineering, and capable of applying radiation theory) IN THE METALLURGICAL DEPARTMENT, R.A.E., Farnborough, Hants, for work on aerials generally, and possibly on related field of radio wave propagation—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.82/7A.

PHYSICIST or MATHEMATICIAN (with a first- or second-class honours degree in physics or mathematics or equivalent, and some knowledge of aircraft stability and either modern electrical instruments or statistics) AT THE ROYAL AIRCRAFT ESTABLISHMENT, Bedford, to carry out full-scale flight investigations—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.78/7A.

PHYSICS LABORATORY TECHNICIAN (with ability in instrument construction and some knowledge of electronics, and preferably a qualification in physics, technology or engineering)—The House Governor, Charing Cross Hospital, London, W.C.2.

SENIOR LECTURER IN ELECTRICAL ENGINEERING at the University of Rangoon, Burma—The Ministry of Labour and National Service (E9), Almack House, King Street, London, S.W.1, quoting A.12/BUK/TCS/88.

STATISTICIAN (with a good honours degree in mathematics or statistics, and preferably an interest in agriculture or biology)—The Secretary, Grassland Research Institute, Hurley, Maidenhead, Berks.

TECHNICIAN (preferably with an interest in biochemistry) IN THE CLINICAL PATHOLOGICAL LABORATORY—The Secretary, The National Hospitals for Nervous Diseases, Queen Square, London, W.C.1.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

London and Home Counties Regional Advisory Council for Higher Technological Education. Curricula for Printing Apprentices. Pp. 16. Eighth Annual Report, 1955-56. Pp. 40. (London: London and Home Counties Regional Advisory Council for Higher Technological Education, 1957.) [291]

Kodak School of Medical Radiographic and Laboratory Photography. Pp. 16. (Buislip, Mdx.: Kodak Ltd., 1956.) [291]

Careers at Fawley Refinery for Science and Engineering Graduates. Pp. 32. (Fawley, Southampton: Esso Petroleum Co., Ltd., 1957.) [291]

The Ring (November 1956), No. 9. (Published quarterly, February, May, August, November.) Annual subscription: 16s.; 2.50 dollars. Pp. 175-196. (Ornithological Bulletin.) (Croydon: Dr. W. Ryzdewski, 1 Altyre Road, 1956.) [291]

Ministry of Education: Science Museum. Hand List of Short Titles of Current Periodicals in the Science Library. Eighth edition. Pp. iv+426. (London: H.M. Stationery Office, 1956.) 12s. 6d. net. [291]

British Electrical and Allied Industries Research Association. Technical Report L/T324: A Comparison of Ionization Energies of Trapped Electrons in Ionic Solids using the Static Model. By J. H. Simpson. Pp. 5. (Leatherhead: British Electrical and Allied Industries Research Association, 1955.) 6s. [291]

Northampton Polytechnic. Report of the Governing Body for the year 1955-56. Pp. 16. (London: Northampton Polytechnic, 1957.) [291]

Bulletin of the British Museum (Natural History). Entomology. Vol. 4, No. 9: A Revision of the Genus *Tridrepana* Swinhoe (Lepidoptera: Drepanidae). By Allan Watson. Pp. 407-500+plates 2 and 3. 30s. Zoology. Vol. 4, No. 9: Evolutionary Trends in the Classification of Capitata Hydroids and Medusae. By Dr. William J. Rees. Pp. 453-534+plates 12 and 13. 25s. (London: British Museum (Natural History), 1956 and 1957.) [291]

The Clean Air Act 1956: a Guide for Industrialists. (F.B.I. Handbook.) Pp. vi+10. (London: Federation of British Industries, 1956.) 2s. [291]

Fuel Economy Review, 1957. Pp. 124. (London: Federation of British Industries, 1956.) 5s. [291]

Building Research Station Digest. No. 95 (December, 1956): Questions and Answers. Pp. 4. (London: H.M. Stationery Office, 1956.) 3d. net. [291]

British Broadcasting Corporation: Engineering Division. Engineering Monograph No. 10: An Automatic System for Synchronizing Sound on Quarter Inch Magnetic Tape with Action on 33-MM Cinematograph Film. By L. H. Griffiths and N. W. Woodward. Pp. 14. (London: British Broadcasting Corporation, 1957.) 5s. [291]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 965, Vol. 249 (24 January 1957): The de Haas-van Alphen Effect in Aluminium. By E. M. Gunnerson. Pp. 299-320. (London: Royal Society, 1957.) 6s. 6d. [291]

Communications of the Dublin Institute for Advanced Studies. Series A, No. 12: Geometrical Optics in Moving Dispersive Media. By J. L. Synge. Pp. ii+63. (Dublin: Dublin Institute for Advanced Studies, 1956.) [291]

Ministry of Fuel and Power: Safety in Mines Research Establishment. Thirty-fourth Annual Report on Safety in Mines Research, 1955. Pp. 77+4 plates. (London: H.M. Stationery Office, 1957.) 4s. net. [291]

Planning, Vol. 23, No. 406 (28 January 1957): Statistics for Government. Pp. 28. (London: Political and Economic Planning, 1957.) 2s. 6d. [291]

Medical Research Council Report Series. No. 293: Emmetropia and Its Aberrations: a Study in the Correlation of the Optical Components of the Eye. By Arnold Sorsby, B. Benjamin, J. B. Davey, M. Sheridan, and J. M. Tanner. Pp. viii+70. (London: H.M. Stationery Office, 1957.) 7s. 6d. net. [291]

University of Cape Town Lecture Series. No. 8: The Study of Mind in Relation to Brain Function. By Prof. K. R. L. Hall. (Inaugural Lecture delivered before the University of Cape Town, April 1956.) Pp. ii+22. (London: Oxford University Press, 1956.) 3s. 6d. [291]

Other Countries

Kungl. Svenska Vetenskapsakademiens Handlingar. Fjärde Serien, Band 5, Nr. 6: Über Crossopterygier und Dipnoer aus dem baltischen Oberdevon im Zusammenhang einer vergleichenden Untersuchung des Porenkanalsystems paläozoischer Agnathen und Fische. Von Walter Gross. Pp. 140+16 plates. (Stockholm: Almqvist and Wiksell, 1956.) 28 S.Kr. [291]

Catholic University of America. Biological Studies. No. 32: The Effect of Ultrasonic Pressure Fields Upon the Permeability of a Living Cell Membrane. By the Rev. Carl S. Rice. Pp. viii+34. 50 cents. No. 33: The Effects of Anterior Pituitary Extract on the Histogenesis of Bone in *Rana sylvatica*. By Pei-Tsing Lui. Pp. vi+26. 50 cents. No. 35: The Structure and Origin of Formed Elements in the Blood of some Crustacea. By Marcellus Edward Toney, Jr. Pp. iv+27. 50 cents. No. 36: A Comparative Study of Tropisms Exhibited by Different Stages of *Nippostrongylus muris* (Nematoda: Trichostrongylidae). By Mother Frances A. Cunningham, R.S.C.J. Pp. iv+25. 50 cents. (Washington, D.C.: Catholic University of America Press, 1956.) [291]

Index to the Transactions of the South African Philosophical Society, Volumes 1-18, 1878-1909; and the Transactions of the Royal Society of South Africa, Volumes 1-34, 1909-1955. Compiled by A. M. Talbot. Pp. xiii+56. (Cape Town: Royal Society of South Africa, 1956.) [291]

Institut des Parcs Nationaux du Congo Belge. Exploration du Parc National de la Garamba. Mission H. de Saeger en collaboration avec P. Baert, G. Demoulin, I. Denisoff, J. Martin, M. Micha et J. Verschuren (1949-1952). Fascicule 2: Les Sols du Parc National de la Garamba. 1: Caractères et Analyses. Par Igor Denisoff, avec la collaboration de Jean Croegaert. Pp. 54+8 planches. Fascicule 5: Entomologie; Renseignements Éco-biologiques. Par Henri de Saeger. Pp. 55. Fascicule 6: Le Milieu Climatique. Par Albert Noirfalise. Pp. 76. (Bruxelles: Institut des Parcs Nationaux du Congo Belge, 1956.) [291]

Tanganyika. Annual Report of the Geological Survey Department, 1955. Pp. iv+28. (Dar-es-Salaam: Government Printer, 1956.) Shs. 3. [291]

Transactions of the American Philosophical Society. New Series, Vol. 46, Part 5 (1956): Excavations at Chupicuaro, Guanajuato, Mexico. By Mariel Noé Porter. Pp. ii+515-638 (27 plates). (Philadelphia: American Philosophical Society, 1956.) 1.75 dollars. [291]

Queensland Institute of Medical Research. Eleventh Annual Report for the year ended 30th June, 1956. Pp. 15. (Brisbane: Government Printer, 1956.) [291]

Western Region of Nigeria. Annual Report on the Forest Administration of the Western Region of Nigeria for the year 1954-55. Pp. ii+28. (Lagos: Government Printer; London: Crown Agents for Oversea Governments and Administrations, 1956.) 9d. [291]

Department of Agriculture, Jamaica. A Guide to Coffee Culture in Jamaica. By R. I. Moss. Pp. 55+24 plates. (Kingston: Government Printer, 1956.) [291]

Department of Agriculture, Jamaica. Extension Circular No. 58: Pig Rearing. By G. E. Redshaw. Pp. iii+22. (Kingston: Government Printer, 1956.) [291]

Bulletin of the Earthquake Research Institute, Tokyo University. Supplementary Volume 4. Part 3: Gravity Survey along the Lines of Precise Levels throughout Japan by Means of a Worden Gravimeter. Part 9: Kyūshū District. Pp. 475-552. (Tokyo: Earthquake Research Institute, Tokyo University, 1956.) 315 yen. [291]

Proceedings of the International Conference on Electron Transport in Metals and Solids, held at the National Research Laboratories, Ottawa, September 10-14, 1956. (Supplementary number of the *Canadian Journal of Physics*, Vol. 34, No. 12A.) Pp. 1171-1424. (Ottawa: National Research Council of Canada, 1956.) [291]

Publications de l'Institut National pour l'Étude Agronomique du Congo Belge. Série Technique No. 51: Étude Biométrique, Chimique et Papietière de Quelques Bois. Par J. R. Istaes, E. L. Raekelboom et R. Heremans. Pp. 58. (Bruxelles: Institut National pour l'Étude Agronomique du Congo Belge, 1956.) 40 francs. [291]

Académie Royale de Belgique Classe des Sciences. Mémoires. Tome 29, Fascicule 8: Recherches de Géométrie Anallagmatique. Par Prof. Fernand Backes. Pp. 36. 40 francs. Tome 30, Fascicule 1: Contribution à l'Étude de la Corrélation Angulaire Bêta-Gamma. Par Pierre Macq. Pp. 40. 40 francs. (Bruxelles: Académie Royale de Belgique, 1956.) [291]