

SENIOR LECTURER IN PHYSICS at Rhodes University, Grahamstown, South Africa—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (South Africa, July 1).

ASSISTANT LECTURER, Grade B, IN THE DEPARTMENT OF CHEMISTRY, College of Technology and Commerce, Cardiff—The Director of Education, City Hall, Cardiff.

ASSISTANT (medically qualified, and preferably with experience in bacteriology) IN THE BACTERIOLOGY DEPARTMENT—The Secretary, University College Hospital Medical School, University Street, London, W.C.1.

ENGINEER (Basic grade) to assist in the design and development of mechanical equipment, such as laboratory instruments and light and medium mechanical engineering devices and prototypes to scientists' and Service requirements—The Administrative Officer (Recruitment), Atomic Weapons Research Establishment, Aldermaston, Berkshire, quoting 58/W.G.E./2.

ENGINEER (with first- or second-class honours degree or equivalent in mechanical or aeronautical engineering, and with practical experience), at the Royal Aircraft Establishment, Farnborough, Hants, for work in the Armament Division on research and development of air armaments and their installation in aircraft—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.303/54A.

LECTURER IN MATHEMATICS and a LECTURER IN PHYSICS at the Higher Teachers' Training College, Baghdad—The Cultural Attaché, Iraqi Embassy, 22 Queen's Gate, London, S.W.7.

LECTURER (with previous university teaching experience, and preferably with an interest in physiology and ecology) IN BOTANY—The Principal, Sir John Cass College, Jewry Street, London, E.C.3.

PHYSICIST (with first- or second-class honours degree in physics, and a bias towards physical chemistry and physics of solids) at the Royal Aircraft Establishment, Farnborough, to work with the Electrical Engineering Department on investigations concerning physics of solids, particularly with regard to formation of oxide and graphite films on metals by rubbing action of graphite brushes, and study of factors influencing oxidation of petrol and oils, and consequent fire risk with electrical equipment so contaminated—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.119/54A.

PLANT PATHOLOGIST or PLANT PHYSIOLOGIST (with a degree in natural science and training in plant pathology or plant physiology, and preferably with experience in coffee diseases) in Kenya, to investigate diseases of coffee, at the Coffee Research Station, Ruiru—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting C.D.E.63/7/015.

RESEARCH ASSISTANT (honours graduate, with zoology or physiology as principal subject, and preferably with a knowledge of physics and/or postgraduate laboratory experience) IN THE RADIOBIOLOGY LABORATORIES—The Administrative Officer, Christie Hospital and Holt Radium Institute, Manchester 20.

SENIOR EXPERIMENTAL OFFICER (with H.S.C. (science) or equivalent qualification) to act as Chief Programmer for an electronic digital computer, and to advise on the best methods of proposing problems for the machine—The Administrative Officer (Recruitment), Atomic Weapons Research Establishment, Aldermaston, Berkshire, quoting 133/W.G.E./2.

SENIOR LECTURER IN PHARMACOLOGY and a SENIOR LECTURER IN PHARMACEUTICS—The Registrar, College of Technology and Commerce, The Newarke, Leicester.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Department of Scientific and Industrial Research. Road Research Technical Paper No. 28: The Rheology of Non-Aqueous Suspensions. By P. J. Rigen. Pp. vi+50+2 plates. (London: H.M. Stationery Office, 1954.) 2s. net. [83]

Building Research Station Digest No. 63 (February, 1954): Questions and Answers. Pp. 4. (London: H.M. Stationery Office, 1954.) 3d. net. [83]

Department of Scientific and Industrial Research. Road Research Laboratory. Index of Publications of the Road Research Laboratory January 1933-June 1953 (Revised). Pp. iv+42. (London: H.M. Stationery Office, 1954.) 1s. 9d. net. [103]

Macaulay Institute for Soil Research. Annual Report 1952-1953. Pp. 56+2 plates. (Craigiebuckler, Aberdeen: Macaulay Institute for Soil Research, 1954.) [103]

Corrosion Prevention and Control: Engineering—Equipment—Technology. Vol. 1, No. 1, March, 1954. Pp. 64. (London: Corrosion Prevention and Control, 140, Cromwell Road, S.W.7, 1954.) [103]

Proceedings of the Royal Irish Academy. Vol. 56, Section A, No. 1: On the Transfer of Energy Between Electromagnetic Dipoles. By J. L. Synge. Pp. 12. 2s. Vol. 56, Section A, No. 2: Electric Charge and Current Engendered by Combined Maxwell-Einstein-Fields. By E. Schrödinger. Pp. 13-22. 1s. 6d. Vol. 56, Section A, No. 3: The Instability of the Tippe-Top Explained by Sliding Friction. By Stephen O'Brien and J. L. Synge. Pp. 23-36. 2s. Vol. 56, Section B, No. 1: Salmon Movements Around Ireland—4. By Arthur E. J. Went and F. A. Gibson. Pp. 12. 2s. Vol. 56, Section B, No. 2: Salmon Movements Around Ireland—5. By Arthur E. J. Went and Kenneth U. Vickers. Pp. 13-28+1 plate. 2s. 6d. Title Page and Index to Vol. 55, Section A: Mathematical, Astronomical, and Physical Science. Pp. 4. Title Page and Index to Vol. 55, Section B: Biological, Geological, and Chemical Science. Pp. 8. (Dublin: Hodges, Figgis and Co., Ltd., 1953 and 1954.) [103]

### Other Countries

Register of Current Scientific Research at South African Universities, 1953. Pp. vi+212. (Pretoria: Council for Scientific and Industrial Research: Library and Information Division, 1953.) [83]

West African Institute for Oil Palm Research. Quarterly Progress Report, No. 7. (October 1, 1953, to December 31, 1953.) Pp. 17. (Benin City: West African Institute for Oil Palm Research, 1954.) [83]

The Carlsberg Foundation's Oceanographical Expedition Round the World 1928-30, and Previous "Dana" Expeditions under the Leadership of the Late Professor Johannes Schmidt. Dana Report No. 38: The Genus *Lanthina*: a Monograph. By Dan Laursen. Pp. 40+1 plate. 10 Danish kroner. 10s. Dana Report No. 40: Paralepididae I (Paralepis and Lestidium): Taxonomy, Ontogeny, Phylogeny and Distribution. By Vilh. Ege. Pp. 134. 40 Danish kroner; 40s. (Copenhagen: Andr. Fred Høst and Son, 1953.) [83]

Bakterien unter Hemmstoffwirkung: Elektronenmikroskopischer Bildatlas. By Dozent Dr. G. Bringmann. Pp. 16+Tafel 1-101. (Berlin-Wilmersdorf: Transmare-Photo G.m.b.H., 1954.) [83]

Annals of the New York Academy of Sciences. Vol. 57, Art. 5: Parental Age and Characteristics of the Offspring. By Leonell C. Strong and 21 other Authors. Pp. 451-614. (New York: New York Academy of Sciences, 1954.) [83]

Sudan Government: Ministry of Agriculture. Bulletin No. 9: Agriculture, Forests and Soils of the Jur Ironstone Country of the Bahr El Ghazal Province, Sudan. By W. E. P. Eyre, D. M. Ramsay and T. N. Jewitt. Pp. 40. (Khartoum: Ministry of Agriculture, 1953.) P.T. 20. [103]

British Guiana. Geological Survey of the Diamond and Gold Deposits of the Mekuru District, Cuyuni River, British Guiana (An Explanation of Sheet No. D2 (Mekuru, 1953). Compiled by E. R. Pollard. (Bulletin No. 24.) Pp. ii+28. (Georgetown: Geological Survey, 1953.) 1 dollar. 4s. 2d. [103]

Osservatorio Astronomico di Milano-Merate. Supplementi Meteorologici No. 8: Prime Misure Sulla Radioattività delle Precipitazioni Atmosferiche. Da L. Santomauro e A. Cinga. Pp. ii+8. (Milano: Ulrico Hoepli, 1954.) [103]

National Geographical Society of India. Bulletin No. 20: Presidential Address delivered to the Geology and Geography Section of the 41st Session of the Indian Science Congress, Hyderabad-Deccan, 1954. Part 1: The Drainage Patterns observed in India and the Adjacent Countries. Part 2: The Development of Landforms in the Himalayas. By Dr. H. L. Chhibber. Pp. 34+9 plates. (Banaras: National Geographical Society of India, 1953.) [103]

Aligarh Muslim University Publications. (Zoological Series.) On Indian Insect Types—Edited by M. B. Mirza. 3: The Skeleton-muscular Mechanism of *Stenobracon deesae* Cameron (*Braconidae*, *Hymenoptera*)—An Ectoparasite of Sugarcane and Juar Borers of India. Part 2: Abdomen and Internal Anatomy. By S. Mashhood. Pp. ii+76+7 plates. (Aligarh: Aligarh Muslim University, 1953.) 6 rupees, 8 annas. [103]

Research Bulletin of the East Punjab University. No. 31 (Zoology): Spermatocleosis in the Dragon-Fly *Sympetrum hypomeles* (Selys). By Vishwar Nath and Rajinder Rishi. Pp. 67-72+2 plates. No. 32 (Zoology): The Louse Sperm. By G. P. Sharma and A. P. Malik. Pp. 73-91+3 plates. 2 rupees, 2 annas. No. 33 (Chemistry): Potentiometric Studies in Oxidation-Reduction Reactions, Part 18: Oxidation with Alkaline Potassium Permanganate. By Balwant Singh, Apar Singh and Miss Raj Kumari Nahan. Pp. 93-106. 1 rupee, 14 annas. No. 34 (Chemistry): Cationotropic Reactions with Ethylenic Carbonyl Compounds. 1: Convenient Synthesis of some Methoxy Naphthalene Derivatives. By O. P. Vig, N. K. Maheshwary and S. M. Mukherji. Pp. 107-115. 1 rupee, 2 annas. No. 35 (Zoology): Studies on the Protozoa of Indian Fishes. 1: The Morphology and the Systematic Position of the Ciliates Inhabiting the Intestine of Fish *Mystus cavasius* (Hamilton). By Manohar Singh. Pp. 117-133+6 plates. 3 rupees, 4 annas. No. 36 (Chemistry): Thiopegon Derivatives. Part 2. By M. S. Dhatt and K. S. Narang. Pp. 139-144. 1 rupee. (Hisarapur: East Punjab University, 1953.) [103]

Sudan Government: Ministry of Agriculture. Annual Report of the Research Division, 1950/51. Pp. ii+188. (Khartoum: Ministry of Agriculture, 1953.) [103]

Technical University of Belgrade. Collection of Scientific Contributions of the Civil Engineering Faculty, 1952-1953. Pp. iv+186. (Belgrade: Technical University of Belgrade: Civil Engineering Faculty, 1952-1953.) [103]

School of Higher Technical Learning of Belgrade. Collection of Scientific Contributions of the Architecture Faculty, 1951-1952. Pp. iv+138. (Belgrade: School of Higher Technical Learning: Architecture Faculty, 1952.) [103]

High Technical School in Belgrade. Collection of Scientific Contributions of the Electrotechnical Faculty, 1952-1953. Pp. 246. (Belgrade: High Technical School: Electrotechnical Faculty, 1952-1953.) [103]

The Polytechnique, Beograd. Transactions of the Geological and Mining Faculties. Pp. iv+208. (Beograd: Polytechnique: Geological and Mining Faculties, 1952.) [103]

University of Technology, Beograd. Scientific Works of the Faculty of Mechanical Engineering. Pp. iv+142. (Beograd: University of Technology: Faculty of Mechanical Engineering, 1953.) [103]

Acta Physiologica Latinoamericana. Vol. 3, Nos. 2 y 3: Numero de Homenaje al Profesor Alejandro Lipschutz. Pp. vi+49-202. (Buenos Aires: Asociacion Ciencia e Investigacion, 1953.) [103]

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