

AUSTRALIA—The Warden, Newcastle University College, Tighe's Hill, New South Wales, Australia; and The Agent General for New South Wales, 56-57 Strand, London, W.C.2 (January 16).

LECTURER (with research experience in the field of the physiology of marine animals) in ZOOLOGY—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (January 18).

READER, and LECTURERS (3) in THE DEPARTMENT OF MECHANICAL ENGINEERING, Ahmadu Bello University, Northern Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (January 18).

SENIOR LECTURER (with a good honours degree in geography and also a higher degree or actively engaged in research leading to a higher degree, and preferably some lecturing experience) in GEOGRAPHY at the University College of Townsville, University of Queensland, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 29).

LECTURER (Grade II) in THE DEPARTMENT OF INORGANIC CHEMISTRY—The Registrar, University of Bristol, Senate House, Bristol, 2 (February 14).

ANIMAL HUSBANDRY OFFICER (national of the United Kingdom or the Republic of Ireland, with a degree in agriculture and extensive experience in practical animal husbandry) in SARAWAK, to develop the livestock industry dealing mainly with pig feeding trials and management—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting Ref. RC 213/155/06.

ASSISTANT PROFESSOR or ASSOCIATE PROFESSOR in THE DEPARTMENT OF PHYSIOLOGY—Prof. M. Beznak, University of Ottawa, Ottawa, Canada.

BIOLOGIST, SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER GRADE (with a first- or good second-class honours degree in genetics, botany or zoology) in THE ISOTOPE RESEARCH DIVISION, Wantage Research Laboratory, A.E.R.E., to undertake a programme of research on the effects of radiation at the cellular level—The Personnel Department (A 5089/34), Atomic Energy Research Establishment, Harwell, Didcot, Berkshire.

CHIEF TECHNICIAN TO TAKE CHARGE OF THE MEDICAL ELECTRONIC WORKSHOP—The House Governor, The Hospital for Sick Children, Great Ormond Street, London, W.C.1.

D.S.I.R. RESEARCH ASSISTANT (honours graduate in chemical engineering, physics or general science) in THE DEPARTMENT OF CHEMICAL ENGINEERING, for work on the evaluation and comparison of methods of particle size analysis—Mr. J. C. Williams, Department of Chemical Engineering, Ref. 65Y/E, Bradford Institute of Technology, Bradford, 7.

LECTURER IN MATHEMATICS—The Principal, Bede College, Durham.

LECTURER (with a good honours degree or Diploma in Technology and some research experience) in THE DEPARTMENT OF APPLIED PHYSICS—The Academic Registrar, Northampton College of Advanced Technology, St. John Street, London, E.C.1, quoting Ref. AP/N.

LECTURER (with special interests in nuclear structure problems) in THEORETICAL NUCLEAR PHYSICS—The Secretary, Battersea College of Technology, London, S.W.11.

MASTER TO TEACH CHEMISTRY TO "A" LEVEL AND SOME ELEMENTARY BIOLOGY—The Head Master, St. John's School, Leatherhead, Surrey.

MASTER TO TEACH MATHEMATICS TO SCHOLARSHIP LEVEL—The Headmaster, Malvern College, Worcestershire.

PRINCIPAL (with high academic qualifications, a wide experience of further education, and preferably some industrial experience) of THE NORTH STAFFORDSHIRE COLLEGE OF TECHNOLOGY—The Clerk to the Governors, North Staffordshire College of Technology, Education Department, P.O. Box No. 23, Town Hall, Hanley, Stoke-on-Trent.

RESEARCH ASSISTANT (with an honours degree in physics) in THE PHYSICS DEPARTMENT to examine the process of ruling the lines of a diffraction grating—The Assistant Bursar (Personnel), The University, Reading.

RESEARCH STUDENT IN INORGANIC CHEMISTRY FOR RESEARCH ON GERMANIUM CHEMISTRY UNDER THE DIRECTION OF DR. K. M. MACKAY—Prof. C. C. Addison, Department of Chemistry, The University, Nottingham.

SENIOR TECHNICIAN (preferably with experience of experimental biology or physiology) in THE DEPARTMENT OF PHARMACOLOGY, mainly for the supervision of practical classes and maintenance of apparatus—The Professor of Pharmacology, Institute of Preventive Medicine, Welsh National School of Medicine, The Parade, Cardiff.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

H. Tinsley and Co., Ltd. Tinsley's History 1904-1964. Pp. 32. (South Norwood, London: H. Tinsley and Co., Ltd., 1964.) [610]

The Institution of Chemical Engineers. The Choice of Chemical Engineering at University and Technical College: a Survey of Students Admitted in 1963. Pp. vii+53. (London: The Institution of Chemical Engineers, 1964.) 15s. [610]

Sulphur Dioxide as an Atmospheric Pollutant. By the Technical Committee of the National Society for Clean Air. Pp. 32. (London: National Society for Clean Air, 1964.) 2s. [610]

Symposium on Aspects of the Gene. Edited by Michael D. B. Burt and Peter W. Barlow. Pp. 75. (*The Biological Journal*, Vol. 4, Supplement, August 1964.) (St. Andrews: Biological Society of the University of St. Andrews, 1964.) [610]

The Institution of Agricultural Engineers. Year Book 1964. Pp. 168. (Brighton: Fraser Pearce, Ltd., 1964.) [610]

Royal Observatory Bulletins. No. 87: Differential Curve-of-Growth Analyses of some Cool Stars. By B. E. J. Pagel. Pp. E227-E280. 8s. net. No. 88: Double-Star Observations made with the 28-inch Refractor 1960-63. By Sir Richard Woolley, L. S. T. Symms, D. H. P. Jones and M. P. Candy. Pp. E281-E310. 4s. 6d. net. (London: H.M. Stationery Office, 1964.) [610]

Other Countries

Bulletin of the Museum of Comparative Zoology, Harvard University. Vol. 131, No. 7: Early Evolution of the Dissorophid Amphibians. By Robert L. Carroll. Pp. 161-250+2 plates. Vol. 131, No. 8: The Genus *Micrathena* (Araneae, Araneidae) in the West Indies. By Arthur M. Chickering. Pp. 251-281. Vol. 131, No. 9: Revised Generic Diagnosis of the Fossil Fishes Megalichthys and Ectosteorhachis (Family Osteolepidae). By Keith Stewart Thomson. Pp. 283-311+1 plate. Vol. 131, No. 10: The Comparative Anatomy of the Snout in Rhipidistian Fishes. By Keith Stewart Thomson. Pp. 313-357. *Breviora*. No. 205 (July 15, 1964): Redescription of *Amphisbaena dubia* Müller (Amphisbaenia: Reptilia). By Carl Gans. Pp. 11. No. 206 (July 15, 1964): The Aistopod Amphibians Surveys. By Donald Baird. Pp. 17. No. 207 (July 28, 1964): Notes on the Horseshoe

Bats *Hipposideros caffer, ruber, and beatus*. By Barbara Lawrence. Pp. 5 (Cambridge, Mass.: Museum of Comparative Zoology, Harvard University, 1964.) [610]

Institut Royal Météorologique de Belgique. Contributions, No. 91: Le Problème des Hauteurs d'Echelle et de Leurs Gradients dans l'Hétérosphère. Par Dr. G. Kockarts. Pp. 24. Publications, Série A, No. 49: Rayonnement Solaire à Uccle, Année 1963. Pp. v+60. Publications, Série B, No. 43: Investigation of the Reliability of Radiosonde Measurements in Uccle with the Method of Twin Sondes. By A. G. Maenhout. Pp. 10. (Uccle-Bruxelles: Institut Royal Météorologique de Belgique, 1964.) [610]

Union Radio Scientifique Internationale. XIV^e Assemblée Générale. Tokyo. Sept. 9-20, 1963. Vol. XIII-8: Administration et Activités Diverses. Pp. 172. (Bruxelles: Union Radio Scientifique Internationale, 1964.) [610]

United States Department of the Interior: Geological Survey. Bulletin 1080: Review and Annotated Bibliography of Ancient Lake Deposits (Precambrian to Pleistocene) in the Western States. By John H. Foth. Pp. iii+119+plates 1-4. Bulletin 1108-E: Geology of the Smdum Copperr-Zinc Prospect, Southeastern Alaska. By E. M. MacKevett, Jr., and M. C. Blake, Jr. Pp. iv+31+plate 1. Bulletin 1158-D: Bedrock Geology of the Tiverton Quadrangle, Rhode Island—Massachusetts. By Samuel J. Pollock. Pp. iv+16+plate 1. Bulletin 1158-E: Bedrock Geology of the Kingston Quadrangle, Rhode Island. By George E. Moore, Jr. Pp. iii+21+plate 1. (Washington, D.C.: Government Printing Office, 1964.) [710]

United States Department of the Interior: Geological Survey. Bulletin 1160: Studies of Pre-Scinia Cretaceous Core Samples from the Outerop Area in Western Alabama. By W. H. Monroe and 6 other authors. Bulletin 1161-I: Petrochemistry and Bedrock Geology of the Fitchville Quadrangle, Connecticut. By George L. Snyder. Pp. iv+63+plate 1. Bulletin 1180-A: Cretaceous Stratigraphy of the McCarthy A-4 Quadrangle, Southern Alaska. By David L. Jones and Henry C. Berg. Pp. iii+18+plate 1. Bulletin 1181-E: Fossils in Ordovician Tuffs, Northeastern Maine. By Robert B. Neuman. With a section on Trilobites by Harry B. Whittington. Pp. iii+38+plates 1-7. Bulletin 1181-M, N: Geological Sketch of Northwestern Oregon. By P. D. Snavely, Jr., and H. C. Wagner. Pp. iii+17+plate 1. Geological Interpretation of Reconnaissance Gravity and Aeromagnetic Surveys in Northwestern Oregon. By R. W. Bremery and P. D. Snavely, Jr. Pp. iii+13+plates 1-3. Bulletin 1196-A: Geochemical Exploration Near the Getchell Mine, Humboldt County, Nevada. By R. L. Erickson, A. P. Marranzino, U. Oda and W. W. Jones. Pp. iv+26+plates 1 and 2. Water-Supply Paper 1809-E: Galleries and Their Use for Development of Shallow Ground-Water Supplies, with special reference to Alaska. By Alvin J. Fulner. Pp. v+16. (Washington, D.C.: Government Printing Office, 1964.) [710]

United States Department of the Interior: Geological Survey. Professional Paper 313-C: Stratigraphy and Petrology of the Permian Rocks of Southwestern Montana. By Earle R. Cressman and Roger W. Swanson. Pp. vi+275-569+plates 14 and 15. Professional Paper 331-C: Gastropods from the Coffee Sand (Upper Cretaceous) of Mississippi. By Norman F. Sole. Pp. iii+394+plates 53-57. Professional Paper 377: Ore Deposits of the St. Lawrence County, Magnetite District, Northwest Adirondacks, New York. By D. F. Leonard and A. F. Buddington. Pp. ix+259+plates 1-21. Professional Paper 445: Ore Deposits of the Coeur d'Alene District, Shoshone County, Idaho. By Verne C. Fryklund, Jr. Pp. v+103+plates 1-5. Professional Paper 446: Geology of the Guadalupe Mountains, New Mexico. By Philip T. Hayes. Pp. iv+69+plates 1-3. Professional Paper 454-D: Glaciation of Little Cottonwood and Bells Canyons, Wasatch Mountains, Utah. By Gerald M. Richmond. Pp. iv+41+plates 1 and 2. Professional Paper 454-J: Geology of Bullfrog Quadrangle and Ore Deposits related to Bullfrog Hills Caldera, Nye County, Nevada and Inyo County, California. By Henry R. Cornwall and Frank J. Kelnhampl. Pp. iv+25+plates 1-9. (Washington, D.C.: Government Printing Office, 1964.) [710]

United States Department of the Interior: Geological Survey. Professional Paper 454-N: Miocene Floras from Fingerrock Wash, Southwestern Nevada. By Jack A. Wolfe. Pp. iii+36+plates 1-12. Professional Paper 454-O: Relationship of Precambrian Quartzite-Scist Sequence Along Coal Creek to Idaho Springs Formation, Front Range, Colorado. By John D. Wells, Douglas M. Sheridan and Arden L. Albee. Pp. iii+25+plate 1. Professional Paper 483-E: Multinodose Scaphitid Cephalopods from the Lower Part of the Pierre Shale and Equivalent Rocks in the Conterminous United States. By William A. Cobban and Glenn R. Scott. Pp. iii+13+plates 1-4. (Washington, D.C.: Government Printing Office, 1964.) [710]

International Union Against Cancer. Activities Report, 1962-63. Pp. 47. Manual of the International Union Against Cancer. Pp. 94. (Geneva: International Union Against Cancer, 1964.) [211]

Brochure on an Exhibition of Books and Manuscripts by and Relating to Galileo Galilei upon the Quadricentennial of his Birth, 1564-1964. Pp. 32. (Bethlehem, Pennsylvania: Lehigh University Library, 1964.) [211]

Reports on Norwegian Fishery and Marine Investigations, Vol. 13, No. 7: Contributions from Fiskeridirektoratets Havforskningsinstitutt. Pp. 75. (Bergen: Fiskeridirektoratets Havforskningsinstitutt, 1964.) [211]

International Association of Wood Anatomists: Committee on Nomenclature. Multilingual Glossary of Terms Used in Wood Anatomy. Pp. 186. (Zürich: International Association of Wood Anatomists, Universitätstrasse 2, 1964.) [211]

Population Reference Bureau. Annual Report, 1963. Pp. 20. (Washington, D.C.: Population Reference Bureau, 1964.) [211]

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