

SENIOR LECTURER/READER (preferably with research and teaching experience in plant physiology with special reference to its biochemical aspects, and experience with radio-biological techniques) IN BOTANY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, April 30).

BIOLOGIST or ENTOMOLOGIST, for research on pesticides at the Tropical Products Institute, London, W.C.1, under the auspices of the Colonial Pesticides Research Committee—Research Department, Department of Technical Co-operation, Sanctuary Buildings, Great Smith Street, London, S.W.1.

DEPUTY LIBRARIAN, a SUB-LIBRARIAN, and an ASSISTANT LIBRARIAN at the University of Ife, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1.

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POSTDOCTORAL FELLOW IN ORGANIC CHEMISTRY—Dr. J. I. G. Cadogan, Department of Chemistry, King's College, Strand, London, W.C.2.

READER IN PURE MATHEMATICS—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3.

SENIOR LECTURER or LECTURER IN MECHANICAL ENGINEERING at Fourah Bay College, The University College of Sierra Leone—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1.

SENIOR RESEARCH STUDENTS (2) ONE IN ARTS and ONE IN SCIENCE; and a limited number of POSTGRADUATE STUDENTS IN EITHER ARTS OR SCIENCE—The Registrar, Westfield College (University of London), Hampstead, London, N.W.3.

## REPORTS and other PUBLICATIONS

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### Great Britain and Ireland

The British Association of the Hard of Hearing. Memorandum on the Problems of Excessive Noise in Relation to the Hard of Hearing. Pp. 5. (Iver, Bucks.: C. H. Mardell, Hon. Secretary, British Association of the Hard of Hearing, Briarfield, Syke Ings, 1961.) [1212]

Government of Northern Ireland: Ministry of Agriculture. Leaflet No. 13: Brucellosis and Infectious Sterility of Cattle. Pp. 4. Leaflet No. 59: Pullorum Disease (B.W.D.). Pp. 2. Leaflet No. 60: Agricultural Classes. Pp. 8. (Belfast: Ministry of Agriculture, 1961.) [1212]

Imperial College of Science and Technology, (University of London). Fifty-third Annual Report of the Governing Body, 1960-61. Pp. 15. (London: Imperial College of Science and Technology, 1961.) [1212]

British Library of Political and Economic Science, London. Annual Report, 1960/61. Pp. 15. (London: British Library of Political and Economic Science, University of London, 1961.) [1212]

Proceedings of the Royal Irish Academy. Vol. 61, Section A, No. 9: Development of Localized Plasma Oscillations and Concentration Gradients. By D. W. Mahaffey, G. C. McCullagh, A. Garscadden and K. G. Emelius. Pp. 77-88. 1s. 6d. Vol. 61, Section A, No. 10: A Stochastic Process Associated with the Ultraspherical Polynomials. By Maurice Kennedy. Pp. 89-100. 2s. Vol. 61, Section A, No. 11: The Band Spectrum of ZrCl. By P. K. Carroll and P. J. Daly. Pp. 101-108+plate 1. 1s. 6d. Vol. 62, Section A, No. 1: Gravitational Waves in the Second Approximation. By J. L. Synge. Pp. 1-10. 1s. 6d. Vol. 61, Section B, No. 17: Spits, Tomboles and Tidal Marshes in Connemara and West Kerry, Ireland. By André Guilleher and Cuchlaine A. M. King. Pp. 283-338+plates 15-18. 10s. Vol. 61, Section B, No. 18: On *Otozoides bechei* Brongniart from the Irish Rhacetic. By T. M. Harris. With Stratigraphical and Sedimentary Petrological Notes by John S. Jackson. Pp. 339-344+plate 19. 1s. Vol. 61, Section B, No. 19: The Relationship of the Micro-Fabric to the Small-Scale Structures of the Dalradian Rocks on North-Eastern County Antrim. By D. C. Goldring. Pp. 345+368+plate 20. 4s. Vol. 62, Section B, No. 1: The Fauna of an Area of Limestone Pavement on the Burren, Co. Clare. By O. W. Richards. Pp. 1-8+plate 1. 1s. (Dublin: Hodges, Figgis and Co., Ltd., 1961.) [1212]

Planning, Vol. 27, No. 457, (11 December 1961): Mental Sub-normality and Community Care. Pp. 317-344. (London: Political and Economic Planning, 1961.) 3s. 6d. [1212]

Science is Too Small By Dr. R. L. Wormell. Pp. 14. (Coventry: R. L. Wormell, 10 Southleigh Avenue, 1961.) [1212]

Government of Northern Ireland: Ministry of Agriculture. Leaflet No. 69: Pig Housing. Pp. 27. (Belfast: Ministry of Agriculture, 1961.) [1212]

### Other Countries

Brasil. Ministério do Trabalho, Indústria e Comércio: Instituto Nacional de Tecnologia. Métodos de Análise Química dos Ferris Fundidos e dos Aços Comuns e Especiais. Por A. H. Da Silveira Feijó. Pp. 69. (Rio de Janeiro: Instituto Nacional de Tecnologia, 1959.) [412]

National Academy of Sciences—National Research Council. NAS-NS 3040: The Radiochemistry of Lead. By W. M. Gibson. Pp. vi+158. 1.75 dollars. NAS-NS 3041: The Radiochemistry of Cobalt. By L. C. Bate and G. W. Leddicotte. Pp. v+90. 1 dollar. NAS-NS 3043: The Radiochemistry of Germanium. By Jacob A. Marinsky. Pp. vi+48. 50 cents. NAS-NS 3044: The Radiochemistry of Platinum. By G. W. Leddicotte. Pp. v+30. 50 cents. (Washington, D.C.: Office of Technical Services, Department of Commerce, 1961.) [412]

United States Department of the Interior: Geological Survey. Professional Paper 356-C: Geology and Geochemistry of Uranium in Marine Black Shales—a Review. By Vernon E. Swanson. Pp. iii+87-112. Professional Paper 424-B: Short Papers in the Geologic and Hydrologic Sciences, Articles 1-146, Geological Survey Research,

1961. Pp. viii+344. (Washington, D.C.: Government Printing Office, 1961.) [412]

Institut Royal des Sciences Naturelles de Belgique. Mémoires. Deuxième Serie, Fasc. 65: Transformations des Systèmes de Fixation et de Vasculisation Dentaires dans l'Évolution des Sélectons du Sous-Ordre des Squaliformes. Par Dr. Edgar Casier. Pp. 61. (Bruxelles: Institut Royal des Sciences Naturelles de Belgique, 1961.) [412]

Annals of the New York Academy of Sciences. Vol. 94, Article 3: Multiple Molecular Forms of Enzymes. By Kenneth F. Gregory, Felix Wróblewski and 58 other authors. Pp. 655-1030. (New York: New York Academy of Sciences, 1961.) [712]

University of California Publications in Geological Sciences. Vol. 39, No. 2: Early Pleistocene Floras from the Chacoopa Surface, Southern Sierra Nevada. By Daniel I. Axelrod and William S. Ting. Pp. 119-194 (plates 25-37). (Berkeley and Los Angeles: University of California Press; London: Cambridge University Press, 1961.) 1.50 dollars. [712]

Organization for European Economic Co-operation. Systems of National Accounts in Africa. By P. Ady and M. Courcier. Pp. 232. (Paris: Organization for European Economic Co-operation; London: H.M. Stationery Office, 1960.) 8.50 NF; 12s. 6d.; 2 dollars. [712]

Bulletin of the Astronomical Institutes of the Netherlands. Vol. 16, No. 512 (1961 November 27): A Study of the Wavelength Dependence of Interstellar Extinction. By J. Borgman. Pp. 99-114. (Leiden: Astronomical Institutes of the Netherlands, 1961.) [1212]

United States Department of the Interior: Geological Survey. Professional Paper 310: Geology of Central Dickinson County, Michigan. By H. L. James, L. D. Clark, C. A. Lamey, and F. J. Pettijohn. Pp. vii+176+13 plates. (Washington, D.C.: Government Printing Office, 1961.) [1212]

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Field Museum of Natural History, Chicago. Botanical Series. Vol. XIII, Part VC, No. 1: Flora of Peru. By J. Francis Macbride. Pp. 104. (Chicago: Field Museum of Natural History, 1961.) 2.25 dollars. [1212]

Fisheries Research Board of Canada. Bulletin No. 126: Storage and Transport of Fish in Refrigerated Sea Water. By S. W. Roach, J. S. M. Harrison and H. L. A. Tarr. With appendices by W. A. MacCallum, M. S. Chann, and A. W. Lantz. Pp. ix+61. 75 cents. Bulletin No. 129: Shrimp Survey in the Newfoundland Fishing Area, 1957 and 1958. By H. J. Squires. Pp. vii+29. 50 cents. (Ottawa: Queen's Printer, 1961.) [1212]

Bekuanaland Protectorate. Annual Report of the Geological Survey Department for the year ended 31st December, 1960. Pp. 35. (Lobatsi: Geological Survey, 1961.) 30c. [1212]

Rubber Research Institute of Malaya. Annual Report, 1960. Pp. ii+139. (Kuala Lumpur: Rubber Research Institute of Malaya, 1961.) 3 dollars. [1212]

United States Department of the Interior: Fish and Wildlife Service. Bureau of Commercial Fisheries. Circular No. 108: The Pacific Region of the Bureau of Commercial Fisheries. By Thomas O. Duncan. Pp. i+17. Circular No. 109: Commercial Fishing Gear in the United States. By Wm. H. Dumont and G. T. Sundstrom. Pp. iv+61. 40 cents. Circular No. 111: Duck Stamp Data: Background and Technical Information for Collectors. By Edna N. Sater. Pp. ii+32. 30 cents. Circular No. 119: Sharks, Skates, Rays and Chimaerids. By J. R. Thompson and Stewart Springer. Pp. iv+19. (Washington, D.C.: Government Printing Office, 1961.) [1212]

National Science Foundation. NSF 61-62: Publication of Basic Research Findings in Industry, 1957-59. Pp. vi+43. (Washington, D.C.: Government Printing Office, 1961.) 25 cents. [1212]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Paper 61-10: Dawson Creek Map-Area, British Columbia. By D. F. Stott. Pp. ii+32. (Ottawa: Queen's Printer, 1961.) 50 cents. [1212]

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Annals of the Cape Provincial Museums. Vol. 1, March 1961. Pp. 102. (Grahamstown: Cape Provincial Museums, Albany Museum, 1961.) [1212]

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