

ability to direct work of postgraduate research students) IN ORGANIC CHEMISTRY in the Department of Chemistry and Biology, College of Technology, Liverpool—The Director of Education, City of Liverpool Education Committee, 14 Sir Thomas Street, Liverpool 1 (November 21).

SCIENTIFIC AIDE, Senior Research Officer grade (with a recognized university degree in agricultural science, at least five years postgraduate research experience in some branch of agricultural science, and preferably a competent knowledge of the organization of agricultural research and experimental work and the conduct of seminars or study courses)—The Director, An Foras Talúntais (Agricultural Institute), 21 Earlsfort Terrace, Dublin (November 21).

ASSISTANT, Grade B (preferably specializing in inorganic chemistry and also some applied science subjects), at Northampton College of Technology, TO TEACH CHEMISTRY up to Higher National Certificate and General B.Sc. standard.—The Chief Education Officer, Borough Education Office, "Springfield", Cliftonville, Northampton (November 22).

LECTURER (with up-to-date industrial and/or research experience) IN INORGANIC CHEMISTRY—The Principal, Nottingham and District Technical College, Burton Street, Nottingham (November 22).

TECHNICIAN (preferably with an interest in complex physical apparatus) IN THE RADIOISOTOPES LABORATORY, Pollards Wood Research Station, Chalfont St. Giles, Bucks, to help with investigations on protein and nucleic acid biosynthesis.—The Secretary, Chester Beatty Research Institute, Fulham Road, London, S.W.3, quoting "Isotopes" (November 22).

PRINCIPAL SCIENTIFIC OFFICER (with a first- or second-class honours degree in physics, physical chemistry or biochemistry, and at least three years postgraduate or other approved experience) at the Ministry of Agriculture, Fisheries and Food, London, for work on nuclear problems in relation to agriculture and food.—The Civil Service Commission, 30 Old Burlington Street, London, W.1, quoting S.4900/58 (November 27).

CHAIR OF METALLURGY—The Registrar, The University, Manchester 13 (December 8).

GILBERTIAN RESEARCH FELLOW to investigate certain aspects of the teaching of physics or chemistry in schools.—The Registrar and Secretary, The University, Bristol (December 15).

LECTURER or ASSISTANT LECTURER IN MATHEMATICS at the University of Malaya.—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 15).

LECTURER or SENIOR LECTURER IN ANIMAL NUTRITION at the University College of Rhodesia and Nyasaland.—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 15).

READER IN NUCLEAR ENGINEERING at Queen Mary College, Mile End Road, London, E.1.—The Academic Registrar, University of London, Senate House, London, W.C.1 (December 16).

SENIOR LECTURER IN MATHEMATICS at the University of Melbourne, Australia.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 16).

ECOLOGIST (man, with a first- or second-class honours degree, and preferably with some knowledge of statistics), to join a team studying marine plankton, using continuous plankton recorders.—The Officer-in-Charge, Oceanographic Laboratory, 78 Craighall Road, Edinburgh 6 (December 20).

LECTURER and an ASSISTANT LECTURER IN GENETICS—The Secretary of University Court, The University, Glasgow (December 31).

LECTURER IN VETERINARY PATHOLOGY AND BACTERIOLOGY at the University of Sydney, Australia.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 31).

LECTURER (with a degree in engineering, preferably with honours, and experience and interest in the field of thermodynamics and heat engines) IN MECHANICAL ENGINEERING at the University of Queensland, Australia.—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 31).

PROFESSOR OF PHARMACOLOGY—The Registrar, University Registry, Oxford (December 31).

DRUMMOND FELLOW (Senior or Junior, depending on qualifications) for Research in Nutrition.—The Honorary Secretary, Drummond Trust, University College, Gower Street, London, W.C.1 (January 31).

ASSISTANT, Grade B (preferably with the ability to teach horticulture), TO TEACH BOTANY to B.Sc. (General) and G.C.E. Advanced and Ordinary levels.—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham, Essex.

BIOCHEMIST, Basic grade (preferably with experience in routine medical biochemistry)—The Group Pathologist, Mental Hospitals' Group Laboratory, West Park Hospital, Epsom, Surrey.

BIOCHEMIST (with B.Sc. or M.Sc.) for research on insulin antagonisms in blood plasma.—Dr. Vallance-Owen, Department of Medicine, University of Durham, King's College, Newcastle-upon-Tyne.

CHEMIST or BIOCHEMIST (preferably with a knowledge of carbohydrate chemistry) IN THE PHYSICAL CHEMISTRY DEPARTMENT, for research in immunological problems covering a wide range of interest.—The Secretary, Animal Diseases Research Association, Moredun Institute, Gilmerton, Edinburgh 9.

RESEARCH ASSISTANT (with a good degree in either mathematics, physics or electrical engineering) IN THE SUB-DEPARTMENT OF COMPUTATION for work concerned with programming logical problems for a Pegasus computer.—The Secretary and Registrar, The University, Highfield, Southampton.

SENIOR LECTURER (with good academic qualifications and suitable experience in the teaching of a branch of advanced mathematics) IN MATHEMATICS—The Secretary and Clerk to the Governors, Borough Polytechnic, London, S.E.1.

SENIOR SOIL CONSERVATION OFFICER (with a university degree or a recognized diploma in agriculture, and not less than ten years' experience in soil conservation work, preferably in East Africa) in Barbados to undertake the direction of conservation work.—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD 63/28/06.

ZOOLOGIST (with a good honours degree in zoology and competent to plan zoological subjects for either television or film production), to carry out production and research work in conjunction with the Television and Film Unit located at the London Zoo, Regent's Park.—The Secretary, Zoological Society of London, Regent's Park, London, N.W.1.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

British Medical Bulletin, Vol. 14, No. 3 (September, 1958): Symposium on Metabolism of Lipids. Pp. 197-278+1 plate. (London: British Council, 1958.) 20s. [129]

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 987, Vol. 251 (4 September, 1958): The Internal Flow Problem in Axisymmetric Supersonic Flow. By J. J. Mahony. Pp. 1-21. 7s. Series B: Biological Sciences. No. 683, Vol. 241 (4 September, 1958): The Ecology of Lagos Lagoon. 1: The Lagoons of the Guinea Coast. By J. E. Webb. 2: The Topography and Physical Features of Lagos Harbour and Lagos Lagoon. By M. B. Hill and J. E. Webb. 3: The Life History of *Branchiostoma nigeriense* Webb. By J. E. Webb. 4: On the Reactions of *Branchiostoma nigeriense* Webb to its Environment. By J. E. Webb and M. B. Hill. 5: Some Physical Properties of Lagoon Deposits. By J. E. Webb. Pp. 307-419+plates 11-17. 47s. No. 684, Vol. 241 (4 September, 1958): On the Basic Form and Adaptations to Habitat in the Lucinacea (Eulamellibranchia). By J. A. Allen. Pp. 421-484+plate 18. 21s. 6d. (London: Royal Society, 1958.) [129]

Government of Northern Ireland: Ministry of Agriculture. Leaflet No. 20: The Rearing of Chickens. Pp. 15. (Belfast: Ministry of Agriculture, 1958.) [169]

City of Leeds. Annual Report of the Sub-Libraries and Arts (Museums) Committee to the Council for the year ended 31st March, 1958. Pp. 12. (Leeds: Leeds City Museums, 1958.) [189]

Proceedings of the Royal Irish Academy. Vol. 59, Section B, No. 7: The Dolerite Plug at Tievebullagh, near Cushendall, Co. Antrim. By S. O. Agrell and J. M. Langley. Pp. 93-127+plate 3. 4s. 6d. Vol. 59, Section B, No. 8: The Food and Growth of Brown Trout (*Salmo trutta* L.) in Three Rivers in Co. Tyrone. By Noelle E. Stinson. Pp. 129-154. 3s. 6d. Vol. 59, Section B, No. 9: The Cashel-Lough Wheelaun Intrusion, Co. Galway. By Bernard E. Leake. Pp. 155-204+plate 4. 7s. Vol. 59, Section B, No. 10: Salmon Movements Around Ireland—8: From Drift Nets Along the Coast of County Donegal (1953-1957). By Arthur E. J. Went. Pp. 205-212. 1s. Vol. 59, Section B, No. 11: A Survey of Irish Formicidae. By C. A. Collingwood. Pp. 213-219. 1s. (Dublin: Hodges, Figgis and Co., Ltd., 1958.) [189]

Other Countries

Proceedings of the California Academy of Sciences. Fourth Series. Vol. 29, No. 6: *Bathycalanus sverdrupi*, N. SP., a Copepod Crustacean from Great Depths in the Pacific Ocean. By Martin W. Johnson. Pp. 257-265. Vol. 29, No. 7: The Distribution of Wood-Boring *Limnoria* in California. By Robert J. Menzies. Pp. 267-272. Vol. 29, No. 8: A New Fish, *Chaetodon falcifer*, from Guadalupe Island, Baja California, with notes on Related Species. By Carl L. Hubbs and Andreas B. Rehnitz. Pp. 273-313+3 plates. (San Francisco, Calif.: California Academy of Sciences, 1958.) [169]

United States Department of the Interior: Geological Survey. Bulletin 1042-M: Optical Calcite Deposits in Park and Sweet Grass Counties, Montana. By W. C. Stoll and Frank C. Armstrong. Pp. iv+431-479+plates 23-41. n.p. Bulletin 1057: Geology of the Manganese Deposits of Cuba. By Frank S. Simmons and John A. Strazek. Pp. xi+289+32 plates. n.p. Bulletin 1066-E: Index to Geophysical Abstracts 168-171, 1957. Pp. ii+381-456. 30 cents. Bulletin 1072-A: Records of Unsuccessful Test Wells Drilled for Oil and Gas in Mississippi as of July 1, 1956. By Helen M. Beikman and Sophie Drakoulis. Pp. iii+66. 30 cents. Bulletin 1086-A: Geophysical Abstracts 172, January-March, 1958. By Mary C. Rabbitt, Dorothy B. Vitaliano, S. T. Vesselowsky and others. Pp. iii+83. 35 cents. Professional Paper 308: Geology and Ore Deposits of the Jerome Area, Yavapai County, Arizona. By C. A. Anderson and S. C. Creasey. Pp. vi+185+13 plates. n.p. (Washington, D.C.: Government Printing Office, 1958.) [169]

Union of South Africa. Department of Commerce and Industries: Division of Fisheries. Investigational Report No. 31: The South African Pilchard (*Sardinops ocellata*) and Maasbanker (*Trachurus trachurus*). The Predation of Sea-birds in the Commercial Fishery. By Dr. D. H. Davies. (Reprint from *Commerce and Industry*, June 1958.) (Pretoria: Government Printer, 1958.) [189]

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