

SENIOR LECTURER or LECTURER (with an honours degree or equivalent qualifications, and industrial and/or research experience) IN STRUCTURAL ENGINEERING—The Registrar, Bristol College of Science and Technology, Ashley Down, Bristol 7 (December 3).

LECTURER IN BIOCHEMISTRY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia and London, December 5).

PLANT PHYSIOLOGIST (with a good honours degree in botany and research experience), for investigation of effects of temperature, oxygen and carbon dioxide on the respiration of apples—The Director, Ditton Laboratory, Agricultural Research Council, Larkfield, Maidstone, Kent (December 10).

SENIOR LECTURER IN PHILOSOPHY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia and London, December 10).

EMPIRE RHEUMATISM COUNCIL FELLOW (with medical or scientific qualifications), to prosecute research in the field of rheumatism—The General Secretary, Empire Rheumatism Council, Faraday House, 8/10 Charing Cross Road, London, W.C.2 (December 15).

AGRICULTURAL OFFICER (TOBACCO RESEARCH) (with a good honours degree in natural science (botany), or a degree in horticulture, with suitable postgraduate training or experience) in Nyasaland, for experimental work on tobacco including agronomy trials and plant breeding—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/4/04.

ASSISTANT, Grade B (with a university degree and preferably some teaching experience), TO TEACH BOTANY AND ZOOLOGY to Advanced Level students—The Clerk to the Governors, South-West Essex Technical College and School of Art, Forest Road, Walthamstow, London, E.17.

ASSISTANT PROFESSORS, INSTRUCTORS or LECTURERS (2) (with the degree of Ph.D.) IN PHYSICS, to direct experimental research in low temperature or solid state physics—The Chairman, Department of Physics, Western Reserve University, Cleveland 6, Ohio, U.S.A.

CLAY MINERALOGIST (with an appropriate academic background and experience) IN THE DEPARTMENT OF MINES AND TECHNICAL SURVEYS, Canada, for research aimed at the development of useful properties in Canadian clays and shales—Dept. MTS 1518, National Employment Service of Canada, 61 Green Street, London, W.1.

GRADUATE RESEARCH ASSISTANT IN THE DEPARTMENT OF PHYSICS, for a study of crystal structure and texture of materials by the techniques of electron diffraction and microscopy leading if desired to a higher degree—The Secretary, Birkbeck College (University of London), Malet Street, London, W.C.1.

LECTURER IN THE DEPARTMENT OF PHYSICS—The Principal, Huddersfield College of Technology, Huddersfield.

LECTURER (with marked ability at conducting and supervising research) IN THE CHEMICAL PHYSICS OF SOLIDS—Prof. A. R. Ubbelohde, F.R.S., Department of Chemical Engineering and Chemical Technology, Imperial College of Science and Technology, London, S.W.7.

MASTER TO TEACH PHYSICS (the post involves some Sixth Form work)—The Headmaster, King's College School, Wimbledon, London, S.W.19.

RESEARCH ASSOCIATE IN ORGANIC CHEMISTRY, for work involving the isolation and identification of products formed by action of gamma radiation on organic compounds (mainly amines)—The Professor of Organic Chemistry, King's College (University of Durham), Newcastle upon Tyne 1.

RESEARCH FELLOWS and RESEARCH ASSISTANTS (4) IN THE DEPARTMENT OF PHARMACY—The Registrar, Bradford Institute of Technology, Bradford 7.

SENIOR LECTURER or LECTURER (with a first- or second-class honours degree and a thorough grounding in electronics, and preferably experience in radar, telecommunications or radio guidance of missiles) IN ELECTRONICS at the Royal Military College of Science, Shrivenham, Berkshire—The Ministry of Labour, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting D.690/OA.

TECHNICAL OFFICER (preferably with workshop and electronics experience), for research in muscle biophysics, using the electron microscope, X-ray diffraction, etc.—The Director, Medical Research Council Biophysics Research Unit, King's College, Strand, London, W.C.2.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Colour Filmstrips on Soil. No. 1: Rocks and Erosion. 38 frames. Notes. Pp. 14. No. 2: Plants and Decay. 35 frames. Notes. Pp. 16. No. 3: Soil Profiles and Their Information. 37 frames. Notes. Pp. 12. No. 4: Composition of Soil. 35 frames. Notes. Pp. 17. No. 5: Soil and Farming. 37 frames. Notes. Pp. 26. (Surbiton: Marian Ray, 36 Villiers Avenue, 1960.)

The Morgan Crucible Company Limited. The Chairman's speech at the 26th Annual General Meeting held at Battersea Works on Thursday, 28th July, 1960. Pp. 4. (London: The Morgan Crucible Company, 1960.)

Ministry of Agriculture, Fisheries and Food. At the Farmers' Service: a Handy Reference to various services available to Farmers in England and Wales. Pp. 81. (Kew, Surrey: Ministry of Agriculture, Fisheries and Food (Publications), 1960.)

Freshwater Biological Association. Twenty-eighth Annual Report for the year ended 31 March 1960, including Reports of the Council and of the Director, and Accounts for 1959-60, with Lists of Officers, Council, Staff and Members. Pp. 93. (Ambleside: Freshwater Biological Association, 1960.)

Beecham Group Journal, Vol. 1, No. 1 (Summer, 1960). Pp. 22. (Brentford, Mdx.: Beecham Group Ltd., 1960.)

Department of Scientific and Industrial Research. Report of the Tropical Products Institute 1959: The Report of the Tropical Products Institute Committee, with the Report of the Director of the Tropical Products Institute. Pp. iv+40. (London: H.M. Stationery Office, 1960.) 2s. 6d. net.

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 1020, Vol. 253 (28 July 1960): Stability of Flow in a Rotating Viscous Incompressible Fluid Subjected to Differential Heating. Pp. 1-25. 8s. No. 1021, Vol. 253 (28 July 1960): Hassitt-Type Young Operator Expansions. 1: An Orthogonal Transformation between (a) the Young Operators of the Symmetric Group SA+1 and (b) The Two-Sided Products of the Young Operators of SA with the Transposition PA, A+1. By H. A. Jahn. Pp. 27-53. 8s. 6d. (London: The Royal Society, 1960.)

Other Countries

Parapsychology Foundation, Inc., New York. Parapsychological Monographs No. 2: ESP in Relation to Rorschach Test Evaluation. By Gertrude Schmeidler. Pp. iii+89. (New York: Parapsychology Foundation, Inc., 1960.)

Louisiana Agricultural Experiment Station. Southern Co-operative Series. Bulletin No. 63: Summer Climate and Its Effects on Dairy Cattle in the Southern Region. Pp. 63. (Baton Rouge, Louisiana: Louisiana Agricultural Experiment Station, 1959.)

Chicago Natural History Museum. Fieldiana: Geology. Vol. 11, No. 10: Fishes of the Devonian Holland Quarry Shale of Ohio. By Robert H. Denison. Pp. ii+555-613. 1.50 dollars. Vol. 14, No. 1: The Stratigraphy of the Devonian Holland Quarry Shale of Ohio. By J. Ernest Carman. Pp. 5. 15 cents. Fieldiana: Zoology. Vol. 39, No. 35: Two Eels of the Genus *Synphobranchius* from the Gulf of Mexico. By P. H. J. Castle. Pp. 387-398. 30 cents. Vol. 39, No. 36: A New Genus of Blind Beetles from a Cave in South Africa. By Henry S. Dybas. Pp. 399-405. 20 cents. (Chicago Natural History Museum, 1960.)

United States Department of the Interior: Fish and Wildlife Service. Fishery Bulletin No. 172: Seasonal Abundance and Vertical Movements of Planktonic Crustacea in Lake Michigan. By LaBue Wells. Pp. iv+343-369. (Washington, D.C.: Government Printing Office, 1960.) 25 cents.

Smithsonian Institution. Proceedings of the United States National Museum. Vol. 112, No. 3431: Lace-Bug Genera of the World (Hemiptera: Tingidae). By Carl J. Drake and Florence A. Ruhoff. Pp. 1-105. Vol. 112, No. 3432: Flies of the Family Conopidae from Eastern Asia. By Sidney Camras. Pp. 107-131. Vol. 112, No. 3433: Fireflies of the Genus *Pyraconema* (Coleoptera: Lampyridae). By Frank A. McDermott. Pp. 133-157. Vol. 112, No. 3434: North and South American Copepods of the Genus *Hemicyclops* (Cyclopoida: Clausidiidae). By Richard U. Gooding. Pp. 159-195. Vol. 112, No. 3435: Chironomid Midges of California. 1: Chironominae, exclusive of Tanytarsini (=Calopectrini). By James E. Sublette. Pp. 197-226. (Washington, D.C.: Government Printing Office, 1960.)

Pacific Marine Fisheries Commission. Bulletin No. 4: A Study of Annual and Seasonal Bathymetric Catch Patterns for Commercially Important Groundfishes of the Pacific Northwest Coast of North America. By Dayton L. Alverson. Pp. ii+66. (Portland, Oregon: Pacific Marine Fisheries Commission, 1960.)

United States Department of Health, Education and Welfare. Public Health Service Publication No. 761: Activities of the National Institute of Health in the Field of Gerontology—Research Grant and Training Projects active on January 31, 1960, and Intramural Research Projects carried on during calendar year 1959. Pp. v+41. (Washington, D.C.: Government Printing Office, 1960.) 30 cents.

United States Department of Commerce: Coast and Geodetic Survey Technical Bulletin No. 11: Use of Near-Earth Satellite Orbits for Geodetic Information. By Paul D. Thomas. Pp. ii+36. (Washington, D.C.: Government Printing Office, 1960.) 45 cents.

Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. Band 1, Heft 1. Herausgegeben im Auftrage der Deutschen Akademie der Wissenschaften zu Berlin von G. Rienacker. Pp. 1-30. (Berlin: Akademie-Verlag, 1959.)

The Annual of Czechoslovak Medical Literature, 1957. By Státní Lékařská Knihovna. Pp. xxi+509. (Praha: Státní Zdravotnické Nakladatelství, 1959.)

United States Department of Agriculture. Leaflet No. 474: Chicken Lice: How to Control Them. Pp. 8. (Washington, D.C.: Government Printing Office, 1960.) 5 cents.

World Meteorological Organization: The First Ten Years. Pp. 32. (Geneva: World Meteorological Organization, 1960.)

A Study of Air Pollution: Diffusion and Sampling. By Dr. L. A. Chotanburg. (Doctoral Thesis.) Pp. xi+89. (Utrecht: Drukkerij Schotanus and Jens, 1960.)

Smithsonian Miscellaneous Collections. Vol. 140, No. 2: Pleistocene Birds in Bermuda. By Alexander Wetmore. Pp. i+11+3 plates. (Publication No. 4423). (Washington, D.C.: Smithsonian Institution, 1960.)

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