

(London) Laboratories, for research work on the physical chemistry of ferrous metallurgical processes—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting "C.P.8".

PHYSICIST (with a good honours degree), for experimental research on convection in fluids—Prof. P. A. Sheppard, Meteorology Department, Imperial College, London, S.W.7.

PHYSICISTS (with a degree or equivalent, and preferably experience in X-ray crystallography or, alternatively, an interest in this field with some research experience) at the Research Laboratories, Leatherhead, Surrey, for work on X-ray diffraction analysis—The Director of Establishments, Central Electricity Authority, Winsley Street, London, W.1, quoting Ref. N/436.

PHYSIOLOGICAL LABORATORY SUPERINTENDENT (with experience in laboratories of a teaching institute, a specialized knowledge of physiology and biology, and able to maintain physiological apparatus) in the Nigeria Northern Region Medical Department, for duties which include assistance in laboratory work to trainee pharmacists—The Crown Agents, 4 Millbank, London, S.W.1, quoting M.3/44413/NF.

RESEARCH ASSISTANT (with a degree in zoology and interested in the development of cytological and/or physiological techniques) IN THE DEPARTMENT OF ZOOLOGY—The Registrar, The University, Nottingham.

RESEARCH ASSISTANTS (2) (preferably with a degree in electrical engineering or physics) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING (one to work on the development of a new solid-state device; and one on the development of a new beam-scanning principle in echo-ranging)—The Professor of Electrical Engineering, The University, Birmingham 15.

SCIENTIFIC OFFICERS (with a first- or second-class honours degree, preferably in physics or mathematics) IN THE METEOROLOGICAL OFFICE, for duties which include research in atmospheric physics, covering the study of cloud structure, synoptic and dynamical meteorology, large- and small-scale diffusion and turbulence, climatology and the development of instruments—The Civil Service Commission, Scientific Branch, 30 Old Burlington Street, London, W.1, quoting No. S.52/57 (Met.).

SENIOR LECTURER IN PHYSICS; and a LECTURER IN PHYSICS—The Clerk to the Governors, Northern Polytechnic, Holloway, London, N.7.

SENIOR LECTURER (preferably with an active interest in research in some branch of applied mathematics) IN MATHEMATICS, to teach up to degree standard; a LECTURER IN MATHEMATICS, to teach pure and applied mathematics to degree standard; a LECTURER (preferably with industrial experience, and research interests in physical or inorganic chemistry) IN CHEMISTRY, to teach up to degree standard; and an ASSISTANT LECTURER (with teaching experience) IN CHEMISTRY (Grade B)—The Clerk to the Governors, Northern Polytechnic, Holloway, London, N.7.

TECHNICIAN (with university or I.M.L.T. qualifications), for biochemical research—The Secretary, Institute of Psychiatry, The Maudsley Hospital, Denmark Hill, London, S.E.5, quoting Ref. M.R.C. B.10.

X-RAY CRYSTALLOGRAPHER (at least Ph.D. standard, and preferably with several years experience), for work on fibrous proteins—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

Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 973, Vol. 250 (8 August, 1957): The Caesium Resonator as a Standard of Frequency and Time. By L. Essen and J. V. L. Parry. Pp. 45-69. (London: Royal Society of London, 1957.) 8s. [78]

Bulletin of the British Museum (Natural History). Entomology. Vol. 5, No. 3: A Revision of the Arhopala Group of Oriental Lycaenidae (Lepidoptera: Rhopalocera). By W. H. Evans. Pp. 85-141. 15s. Vol. 5, No. 4: A Revision of the *Brieliella* (Mallophaga) Species Infesting the Corvidae, Part 2. By M. Atiqur Rahman Ansari. Pp. 143-182. 12s. Index to Vol. 4 (1955-1957). Pp. 12. Zoology. Vol. 5, No. 3: The Pelecaniform Characters of the Skeleton of the Shoe-Bill Stork, *Balaeniceps rex*. By Patricia A. Cottam. Pp. 49-72+plate 3. 8s. Index to Vol. 4 (1956-1957). Pp. 8. (London: British Museum (Natural History), 1957.) [78]

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A Bibliography of Syntheses with Carbon Isotopes, 1953-54. Compiled by Judd C. Nevenzel, David R. Howton, Richard F. Riley and Gunther Steinberg. (University of California, Los Angeles Campus, School of Medicine. UCLA Report 395.) Pp. 172. (Washington, D.C.: Office of Technical Services, Department of Commerce, 1957.) 1 dollar. [78]

Southern Rhodesia. Report of the Trustees and Director of the National Museums of Southern Rhodesia for the year ended 31st December, 1956. Pp. 21. (Bulawayo: National Museums of Southern Rhodesia, 1957.) [148]

Union of South Africa: Department of Commerce and Industries. Investigational Report No. 26: The South African Pilchard (*Sardinops ocellata*). Size Composition of the Commercial Catches, 1950-55. By Dr. D. H. Davies. Pp. 60. (Reprint from *Commerce and Industry*.) (Sea Point, Cape Town: Division of Fisheries, 1957.) [148]

A World Periodicals List for Fisheries Science. Prepared by the Biology Branch, Fisheries Division, F.A.O., Rome. 1st Draft—May 10, 1957. Pp. 87. (Rome: Food and Agriculture Organization of the United Nations, 1957.) [148]

Commonwealth of Australia: Department of Supply—Research and Development Branch. Annual Report of the Defence Standards Laboratories for the year ended 30th June, 1956. Pp. iv+44. (Melbourne, Victoria: Defence Standards Laboratories, 1947.) [148]

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United States Department of the Interior: Geological Survey. Bulletin 1021-M: Ordovician Fossils from Wells in the Williston Basin, Eastern Montana. By Reuben James Ross, Jr. Pp. iv+439-510+plates 37+44. 1 dollar. Bulletin 1024-G: Some Pegmatite Deposits of Southeastern Alaska. By C. L. Sainsbury. Pp. iv+141-162+plate 19. 25 cents. Bulletin 1024-H: A Geochemical Exploration for Antimony in Southeastern Alaska. By C. L. Sainsbury. Pp. iv+163-178+plates 20-22. 70 cents. Bulletin 1041-C, D, E: Coal-fields of the Republic of Korea, Part 2. Geology of Macha-ri Coalfield. By John A. Reinemund. Geology of Hambaek Coalfield. By Ewart M. Baldwin. Geology of Tangyang Coalfield. By Kenneth G. Brill, Jr. Pp. viii+11-100+8 plates. n.p. Bulletin 1042-E: Physical Stratigraphy of the Phosphoria Formation on Northwestern Wyoming. By Richard P. Sheldon. Pp. v+185+plates 9-13. n.p. Bulletin 1042-G: Gem Stones of the United States. By Dorothy M. Schlegel. Pp. iii+203-254. 25 cents. Bulletin 1045-A: Core Logs from Owens, China, Searles, and Panamint Basins, California. By George I. Smith and Walden P. Pratt. Pp. iii+61. 55 cents. Bulletin 1048-D: Geophysical Abstracts 167, October-December 1956. By Mary C. Rabbitt, Dorothy B. Vitaliano, S. T. Vesselowsky and others. Pp. iii+293-450. 25 cents. Washington, D.C.: Government Printing Office, 1957.) [168]

United States Department of the Interior: Geological Survey. Water-Supply Paper 1289: Surface Water Supply of Hawaii, 1952-53. Prepared under the direction of J. V. B. Wells. Pp. vi+136. 45 cents. Water-Supply Paper 1326: Water Levels and Artesian Pressures in Observation Wells in the United States, 1954. Part 6: Southwestern States and Territory of Hawaii. Prepared under the direction of A. N. Sayre. Pp. vii+262. 1 dollar. Water-Supply Paper 1337: Surface Water Supply of the United States, 1954. Part 4: St. Lawrence River Basin. Prepared under the direction of J. V. B. Wells. Pp. ix+422. 1.50 dollars. Water-Supply Paper 1338: Surface Water Supply of the United States, 1954. Part 5: Hudson Bay and Upper Mississippi River Basins. Prepared under the direction of J. V. B. Wells. Pp. xii+555. 1.75 dollars. Water-Supply Paper 1340: Surface Water Supply of the United States, 1954. Part 6-B: Missouri River Basin below Sioux City, Iowa. Prepared under the direction of J. V. B. Wells. Pp. x+443. 1.50 dollars. Water-Supply Paper 1360-F: Salt Water and Its Relation to Fresh Ground Water in Harris County, Texas. By Allen G. Winslow, William W. Doyel, and Leonard A. Wood. Pp. iii+375-408+plates 24-27. n.p. Water-Supply Paper 1360-G: Ground-Water Conditions in the Mendota-Huron Area, Fresno and Kings Counties, California. By G. H. Davis and J. F. Poland. Pp. iv+409-588+plates 28-36. n.p. Water-Supply Paper 1361: Geology and Ground Water Resources of the York-James Peninsula, Virginia. By D. J. Cederstrom. Pp. vii+237+9 plates. 1.75 dollars. (Washington, D.C.: Government Printing Office, 1957.) [168]

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