

Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, September 20).

ASSISTANT EXPERIMENTAL OFFICERS or EXPERIMENTAL OFFICERS (with at least H.S.C. (science) or equivalent) at the Royal Aircraft Establishment, Farnborough, Hants, to assist in development of optical instrumentation used in guided weapons trials—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.395/5A.

ASSISTANT, Grade B, IN PHARMACEUTICAL CHEMISTRY at the Technical College, Bradford—The Director of Education, Town Hall, Bradford.

BACTERIOLOGIST (university trained and with practical laboratory experience) to carry out laboratory work in connexion with the production of veterinary sera and vaccines—The Bayer Biological Institute, Exning, Newmarket.

EXPERIMENTAL OFFICER or ASSISTANT EXPERIMENTAL OFFICER (with H.S.C. or equivalent qualifications and preferably with a knowledge of physical chemistry and/or chemical engineering experience), to assist in investigations in the physico-chemical properties of high explosives, and in the application of the results to the production of charges on plant scale—The Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 284/WGE/34.

EXPERIMENTAL OFFICER (preferably with a degree in chemical engineering, or at least Inter.B.Sc., or H.N.C. in chemical engineering and experience in the operation of experimental plants and an understanding of chemical engineering principles), to take part in the design and development of special plants involving the testing of prototype equipment and assist in developing the final plant designs—The Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 578/WGE/34.

GRADUATE RESEARCH OFFICER (preferably well qualified in mineralogy) IN THE REFRACTORY SECTION OF THE CHEMISTRY DEPARTMENT, for laboratory and field work on slag utilization—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, quoting "Slags".

HEAD OF THE DEPARTMENT OF CHEMISTRY (including colour chemistry and dyeing)—The Principal, Technical College, Queen Street South, Huddersfield.

LECTURER and ASSISTANT LECTURER IN APPLIED PHYSICS—The Secretary, Royal Technical College, Glasgow.

LECTURER (Grade II) IN BIOLOGICAL ENGINEERING—The Registrar, The University, Birmingham 15.

LECTURER IN MATHEMATICS; an ASSISTANT (Grade B) IN BIOLOGY; and an ASSISTANT (Grade B) IN PHYSICS—The Clerk to the Governors, Mid-Essex Technical College and School of Art, Market Road, Chelmsford.

SENIOR LECTURER IN ELECTRONICS; a LECTURER IN ELECTRICAL MEASUREMENTS; and a LECTURER IN ELECTRICAL (Light Current) ENGINEERING—The Clerk to the Governing Body, Battersea Polytechnic, London, S.W.11.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Department of Scientific and Industrial Research: Building Research Station. National Building Studies. Research Paper No. 21: Studies on Bridge-deck Systems. 1: Tests on a Model Jack-Arch Slab. By A. Short and R. I. Lewis. Pp. vi+70+4 plates. (London: H.M. Stationery Office, 1955.) 4s. net. [234]
- Nickel and Nickel Alloys in Electronic Valves. Pp. 20. (London: Henry Wiggin and Co., Ltd., 1955.) [234]
- Building Research Station Digest No. 75: Strength and Stability of Walls. Pp. 7. (London: H.M. Stationery Office, 1955.) 3d. net. [234]
- Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 936, Vol. 247, (26 April 1955): An Electrically Calibrated Bomb Calorimeter. By A. R. Challoner, H. A. Gundry and A. R. Meetham. Pp. 553-582. 9s. No. 937, Vol. 248, (26 April 1955): The de Haas-van Alphen Effect. 3: Experiments at Fields up to 32kG. By J. S. Dhillon and D. Schoenberg. Pp. 21, 6s. 6d. (London: Royal Society, 1955.) [234]
- Privy Council. Medical Research Council Special Report Series No. 238: The Effect of Sugar Supplements on Dental Caries in Children. By J. D. King, May Mellanby, H. H. Stones and H. N. Green. Pp. viii+55. (London: H.M. Stationery Office, 1955.) 4s. net. [294]
- Murphy Insecticides, Fungicides, Fumigants for Nurscrymen. Pp. 124. (Wheatthamstead: Murphy Chemical Company, Ltd., 1955.) [29]
- Department of Scientific and Industrial Research. Report of the Chemistry Research Board, with the Report of the Director of the Chemical Research Laboratory, for the year 1954. Pp. iv+71. (London: H.M. Stationery Office, 1955.) 3s. net. [294]
- Fingerprints: Fifty Years of Justice. By George Wilton Wilton. Pp. 16. (Galashiels: A. Walker and Son, Ltd., 1955.) 2s. [294]
- British Non-Ferrous Metals Research Association. Thirty-fifth Annual Report, April 1955. Pp. 46. (London: British Non-Ferrous Metals Research Association, 1955.) [294]
- Institute of Personnel Management. Occasional Papers No. 6: Techniques or Men? Pp. 11. (Originally published in the December 1954 issue of *Personnel Management*.) Pp. 11. 2s. Some Principles of Training—Applied to the Retail Trade. By Else Herzberg. (Broad-sheet Series.) Pp. 23. 3s. 6d. (London: Institute of Personnel Management, 1955.) [25]
- Institute of Seaweed Research. Annual Report for 1954. Pp. 44 (3 plates). (Inveresk, Midlothian: Institute of Seaweed Research, 1955.) [25]
- Ministry of Education. Report of the Working Party on Grants to Training College Students. Pp. 28. (London: H.M. Stationery Office, 1955.) 1s. net. [25]

Petroleum Information Bureau. U.K. Petroleum Industry Statistics Relating to Consumption and Refinery Production, 1953 and 1954. Pp. 8. (London: Petroleum Information Bureau, 1955.) [25]

Journal of the Chemical Engineering Society of the University of Leeds. Vol. 1, No. 1 (March 1955). Pp. viii+39+ix. (Leeds: The University, 1955.) [35]

Other Countries

Chronicle of the World Health Organization. Vol. 9, No. 4: The Work of WHO: 1954—a Review of the Annual Report of the Director-General. Pp. 101-130. (Geneva: World Health Organization; London: H.M. Stationery Office, 1955.) 1s. 9d.; 0.30 dollars; 1 Swiss franc. [25]

United States Department of the Interior: Fish and Wildlife Service. Research Report 36: Noxious Marine Animals of the Central and Western Pacific Ocean. By Charles J. Fish and Mary Curtis Cobb. Pp. iii+45. 35 cents. Statistical Digest 31: Alaska Fishery and Fur-Seal Industries—1951. By Seton H. Thompson. Pp. iv+70. 35 cents. Statistical Digest 32: Propagation and Distribution of Food Fishes for the Calendar Years 1951-1952. By Lee M. Duncan and O. Lloyd Meehan. Pp. ii+36. 20 cents. Statistical Digest 33: Alaska Fishery and Fur-Seal Industries—1952. By Seton H. Thompson. Pp. iv+68. 35 cents. Circular 25: This is a Salmon Hatchery—Producing Salmon to Maintain Commercial and Sport Fisheries. Pp. 8. 5 cents. Circular 27: The Golden Eagle and Its Economic Status. By Lee W. Arnold. Pp. iv+35. 25 cents. Circular 28: A Visit to a Federal Fish Hatchery. Pp. 9. 10 cents. Wildlife Abstracts, 1935-51. (An annotated Bibliography of the Publications abstracted in the Wildlife Review, Nos. 1-66.) Compiled by Neil Hotchkiss. Pp. iv+435. 2 dollars. Conservation in Action. No. 11: Aransas—a National Wildlife Refuge. By Julian A. Howard. Pp. 12. 15 cents. (Washington, D.C.: Government Printing Office, 1954.) [35]

United States Department of the Interior: Fish and Wildlife Service. Fishery Bulletin 89, (Vol. 55): Gulf of Mexico—its Origin, Waters, and Marine Life. Prepared by American scientists under the sponsorship of the Fish and Wildlife Service, U.S. Department of the Interior. Coordinated by Paul S. Galtsoff. Pp. xiv+604. 3.25 dollars. Fishery Bulletin 90, (Vol. 56): Studies of Georges Bank Haddock. Pt. 2: Prediction of the Catch. By William F. Royce and Howard A. Schuck. Pp. ii+6. 10 cents. Fishery Bulletin 91, (Vol. 56): Fluctuations in Growth and Year-Class Strength of the Walleye in Saginaw Bay. By Ralph Hile. Pp. ii+7-60. 35 cents. Fishery Bulletin 92, (Vol. 56): Mortality of Salmon Fingerlings Exposed to Pulsating Direct Current. By Gerald B. Collins, Charles D. Volz and Parker S. Trefethen. Pp. ii+61-82. 30 cents. Fishery Bulletin 93, (Vol. 56): Distribution and Abundance of Egg and Larval Populations of the Pacific Sardine. By Elbert H. Ahlstrom. Pp. ii+83-140. 40 cents. Fishery Bulletin 94, (Vol. 56): Method of Estimating Fish Populations, with Application to Pacific Sardine. By T. M. Widrig. Pp. ii+141-166. 30 cents. Fishery Bulletin 95, (Vol. 56): Intertidal Spawning of Pink Salmon. By Mitchell G. Hanavan and Bernard Einar Skud. Pp. ii+167-186. 15 cents. Fishery Bulletin 96, (Vol. 56): Whiting on the Coasts of the American Continents. By Isaac Ginsburg. Pp. ii+187-208. 20 cents. Fishery Bulletin 97, (Vol. 56): Description of Eggs and Larvae of Jack Mackerel (*Trachurus symmetricus*) and Distribution and Abundance of Larvae in 1950 and 1951. By Elbert H. Ahlstrom and Orville P. Ball. Pp. ii+209-246. 30 cents. Fishery Bulletin 98, (Vol. 56): Feeding Mechanism of the Sea Lamprey and Its Effect on Host Fishes. By Robert E. Lennon. Pp. ii+247-294. 40 cents. (Washington, D.C.: Government Printing Office, 1954.) [35]

National Academy of Sciences—National Research Council. Nuclear Science Series. Report Number 17: Biochemical Aspects of Basic Mechanisms in Radiobiology. Edited by Harvey M. Patt. (Proceedings of an Informal Conference held at Highland Park, Illinois, May 13-15, 1954.) (Publication 367 in the Academy-Research Council series of scientific and technical publications.) Pp. ix+158. (Washington, D.C.: National Academy of Sciences—National Research Council, 1954.) 1.50 dollars. [55]

Metropolitan Life Insurance Company. Statistical Bulletin, Vol. 36, No. 3 (March 1955): The Increasing Chances of Survival. Pp. 12. (New York: Metropolitan Life Insurance Company, 1955.) [55]

University of California Publications in Zoology. Vol. 54, No. 2: Natural History of the Salamanders of the Plethodontid Genus *Ensatina*. By Robert C. Stebbins. Pp. 47-124. (Berkeley and Los Angeles: University of California Press; London: Cambridge University Press, 1954.) 1.25 dollars. [55]

United States Department of Agriculture. Home and Garden Bulletin No. 44: Cabbage Insects—How to Control Them in the Home Garden. Pp. 6. (Washington, D.C.: Government Printing Office, 1955.) 5 cents. [55]

Bulletin of the American Museum of Natural History. Vol. 106, Article 1: A Revision of the Genus *Trox* in North America (Coleoptera Scarabaeidae). By Patricia Vaurie. Pp. 1-90. (New York: American Museum of Natural History, 1955.) 1.25 dollars. [59]

American Philosophical Society. Year Book, 1954. Pp. 605. (Philadelphia: American Philosophical Society, 1955.) [51]

Annals of the New York Academy of Sciences. Vol. 59, Article 5: Leukocytic Functions. By A. S. Gordon and 33 other Authors. Pp. 665-1070. (New York: New York Academy of Sciences, 1955.) 4.50 dollars. [55]

United States Department of Commerce: National Bureau of Standards. N.B.S. Circular No. 539: Standard X-ray Diffraction Powder Patterns. By Howard E. Swanson, Ruth K. Fuyat and George M. Ugric. Pp. ii+75. (Washington, D.C.: Government Printing Office, 1955.) 45 cents. [55]

Bulletin of the American Museum of Natural History. Vol. 106, Article 2: The Type Material in the J. B. Smith and G. D. Hulst Collections of Lepidoptera in the American Museum of Natural History. By Frederick H. Rindge. Pp. 91-172. (New York: American Museum of Natural History, 1955.) [55]

Technical Information Services in Europe: Report on the First Meeting of Technical Information Officers, held in the Department of Scientific and Industrial Research, London, from 27th September to 1st October, 1954. Pp. 68. (Paris: Organization for European Economic Co-operation; London: H.M. Stationery Office, 1955.) [55]