

ASSISTANT EXPERIMENTAL OFFICERS (with G.C.E. at advanced level in appropriate subjects or equivalent) in the Department of Scientific and Industrial Research, Radio Research Station, Slough—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.32/53A.

INTERNATIONAL WOOL SECRETARIAT RESEARCH SCHOLAR (with qualifications in physical chemistry) for work on research on the structure of the wool fibre—The Principal, Technical College, Bradford.

MASTER TO TEACH CHEMISTRY to scholarship level—The Master, Marlborough College, Wilts.

SENIOR RESEARCH ASSISTANT (with good honours degree in engineering, practical experience, and/or research training) in the DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING—The Registrar, The University, Nottingham.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Institute of Personnel Management. Occasional Papers, No. 3: Statistics and Personnel Management. Pp. 16. (London: Institute of Personnel Management, 1953.) 3s. [1112]
- Institution of Gas Engineers. (19th Autumn Research Meeting, London, 24th and 25th November, 1953.) Publication No. 434; 14th Report of the Chairman's Technical Committee, 1952-53. Pp. 75. Publication No. 435: 30th Report of the Gas Education Committee, 1952-53. Pp. 30. Publication No. 436: Some Aspects of Coal Pyrolysis. By Sir Charles Ellis, F.R.S. Pp. 17. Publication No. 437: Institution Gas Research Fellowship. Interim Report: 1952-53. A Study of Fluidized Gasification. By B. H. Thompson and Dr. J. E. Garside. Pp. 32. Publication No. 438: Composition of Coal Tars. By Dr. D. McNeill and G. A. Vaughan. Pp. 23. (London: Institution of Gas Engineers, 1953.) [1112]
- Discussions of the Faraday Society. No. 15: 1953: The Equilibrium Properties of Solutions of Non-Electrolytes. Pp. 292+1 plate. (London: The Faraday Society, 1953.) 35s. net. [1112]
- The Nature Conservancy. Reports of The Nature Conservancy for the period up to 30th September 1952. Pp. iii+33. 1s. 3d. net. Report of The Nature Conservancy for the year ended 30th September 1953. Pp. iii+31. 1s. 3d. net. (London: H.M. Stationery Office, 1953.) [1112]
- Aero Research Technical Notes. Bulletin No. 131: Recent Developments in Ethoxylated Resins. By Dr. J. B. D. MacKenzie. Pp. 4. (Duxford: Aero Research Limited, 1953.) [1112]
- Building Research Station Digest. No. 60: Condensation in Domestic Chimneys. (Superseding Digest No. 5.) Pp. 4. (London: H.M. Stationery Office, 1953.) 3d. net. [1112]
- Notes on the Annealing and Pickling of Nimonic 75 and Nimonic F. Pp. 4. (Birmingham: Henry Wiggin and Co., Ltd., 1953.) [1412]
- Science Museum. The Conquest of the Air. By P. L. Summer. Pp. 32 (25 plates). (London: H.M. Stationery Office, 1953.) 1s. net. [1412]
- British Gelatine and Glue Research Association. Fifth Annual Report for the year October 1952 to September 1953. Pp. 19. (London: British Gelatine and Glue Research Association, 1953.) [1412]
- Bulletins of Marine Ecology (Formerly Hull Bulletins of Marine Ecology). Nos. 25 and 26, Vol. 4 (November 1953): Continuous Plankton Records: List of Records, 1950-53. By K. M. Raw. The Hardy Plankton Indicator and Sampler: a Description of the Various Models in Use. By R. S. Glover. Pp. 20+6 plates. (Edinburgh: Scottish Marine Biological Association, 1953.) 5s. [1412]
- National Research Development Corporation. Report and Statement of Accounts for the year 1st July, 1952, to 30th June, 1953. Pp. ii+19. (London: H.M. Stationery Office, 1953.) 9d. net. [1612]
- Flora of Tropical East Africa. Edited by Dr. W. B. Turrill and E. Milne-Redhead. Hypericaceae. Pp. 23. 1s. 8d. Pedaliaceae. Pp. 23. 1s. 10d. (London: Crown Agents for the Colonies, 1953.) [1612]
- General Register Office. The Registrar General's Quarterly Return for England and Wales. Births, Deaths and Marriages. Infectious Diseases. Weather. Population Estimates. Quarter ended 30th September, 1953. (No. 419.) Pp. 23. (London: H.M. Stationery Office, 1953.) 2s. net. [1612]

Other Countries

- The Yokohama Mathematical Journal. Vol. 1, No. 1. (May, 1953.) (Published semi-annually, 2 issues per volume.) Pp. 130. (Yokohama: Yokohama Municipal University, 1953.) [712]
- Publilake Astrofyzikalni Observatorie Ceskoslovenske Akademie ved, Ondrejov. Císlo 24: Katalog Cinnosti Chromosferickych Erupci. (Cast Druha.) By J. Kleczek. Pp. 144. (Praha: Nakladatelství Ceskoslovenske Akademie Ved, 1953.) [1112]
- West African Institute for Oil Palm Research. Quarterly Progress Report (No. 6). (July 1st 1953, to September 30th 1953.) Pp. 19. (Benin City: West African Institute for Oil Palm Research, 1953.) [1112]
- British Guiana. Report on the Geological Survey Department for the Year 1952. Pp. i+101. (Georgetown: Geological Survey Department, 1953.) 1 dollar; 4s. 2d. [1112]
- Annals of the New York Academy of Sciences. Vol. 56, Art. 5: Growth of Protozoa. By S. H. Hunter and 52 other Authors. Pp. 815-1094. 4.50 dollars. Vol. 56, Art. 6: The Relation of Lean Body Weight to Metabolism and Some Consequent Systematizations. By Albert R. Behnke. Pp. 1095-1142. 1.25 dollars. Vol. 57, Art. 3: Ion Exchange Resins in Medicine and Biological Research. By Harry Sobotta and 26 other Authors. Pp. 61-324. 4.50 dollars. (New York: New York Academy of Sciences, 1953.) [1142]
- Chicago Natural History Museum. Fieldiana: Geology. Vol. 11, No. 7: Early Devonian Fishes from Utah. Part 2: Heterostrac. By Robert H. Denison. Pp. ii+291-356. 1.25 dollars. Fieldiana: Zoology. Vol. 34, No. 21: A New Barbet from French Indo-China. By Austin L. Rand. Pp. 211-212. 10 cents. Vol. 34, No. 22: Marine and Fresh-Water Mollusks of the Solomon Islands. By Alan Solem.

Pp. 213-328. 25 cents. Vol. 35, No. 2: Placentation of a Primitive Insectivore Echinocereus Gymnura. By Waldemar Meister and D. Dwight Davis. Pp. ii+11-26+plates 4-9. 75 cents. (Chicago: Chicago Natural History Museum, 1953.) [1412]

Bulletin of the Museum of Comparative Zoology at Harvard College. Vol. 110, No. 7: Zoological Results of a Fifth Expedition to East Africa. 7: Itinerary and Conclusions. By A. Loveridge. With an Appendix on the Avifauna by C. W. Benson. Pp. i+447-488+6 plates. (Cambridge, Mass.: Museum of Comparative Zoology at Harvard College, 1953.) [1412]

Museum of Comparative Zoology at Harvard College. Breviora. No. 22: Notes on the Ant, *Leptothorax Obliquicantus* Cole (Hymenoptera: Formicidae). By Robert E. Gregg. Pp. 3. No. 23: A New Species of *Hypoglytha* from Panama. By Arthur M. Chickering. Pp. 8. (Cambridge, Mass.: Museum of Comparative Zoology at Harvard College, 1953.) [1412]

Comptes Rendus des travaux du Laboratoire Carlsberg. Série Physiologique. Vol. 25, No. 7: Cement Blocks, Heat-Stable Blocks for Ascospore-Formation in Yeast. By Vagen Hartelius and Eeben Ditlevsen. Pp. 213-240. 2 kr. 20 øre. Vol. 25, No. 8-9: The Genes for Maltose and Raffinose Fermentation in *Saccharomyces Cerevisiae*, Strain Yeast Foam. By Øyvind Winge and Catherine Roberts. Linkage Between Two Polymeric Genes for Raffinose and Sucrose Fermentation in Yeasts. By J. L. Jinks. Pp. 241-258. 1 kr. 40 øre. (Copenhagen: En Commission Chez H. Hagerup, 1953.) [1412]

Comptes Rendus des travaux du Laboratoire Carlsberg. Série Chimique. Vol. 25, No. 13: Stepwise Degradation of the Peptides Liberated in the Transformation of Ovalbumin to Flakalbumin. By M. Ottesen and A. Wollenberger. Pp. 463-476. 1 kr. 10 øre. Vol. 25, No. 19 and 21: The Significance of Concentration for the Rate of Ion Absorption by Higher Plants in Water Culture. 2: Experiments with Aquatic Plants. 3: The Importance of Stinging. 4: The Influence of Hydrogen Ion Concentration. By Carsten Olsen. Pp. 477-498. 1 kr. 80 øre. Vol. 25, No. 22-23: Quantitative Autoradiographic Studies on the Amcoba *Chaos* with ¹⁴C. By Nils Andersen, Cicely Chapman-Andersen, Heinz Hofer and C. V. Robinson. Thin Films for Application Between Emulsion and Isotope-Containing Specimen in Autoradiography. By Cicely Chapman-Andersen. Pp. 499-540. 3 kr. 25 øre. Vol. 29, No. 1: The Calcium Phosphate Precipitated in the Gomori Technique for Alkaline Phosphatase. By F. Carlsen, Ejnar Jensen and Gordon Johansen. Pp. 6. 50 øre. (Copenhagen: En Commission Chez H. Hagerup, 1953.) [1412]

Tanganyika: Geological Survey Department. Short Paper No. 28: The Geology of the Mhukuru Coalfield (Songea District). By D. A. Harkin. (With appendixes by D. A. Harkin, H. G. Burka and J. Walton.) Pp. vi+66+5 plates. 7/50 shs. Geological Map: "Mpwapa-South B37/MI." (Extension of the map contained in Short Paper No. 19.) By Dr. B. N. Temperley. (Dar Es Salaam: Government Printer, 1953.) [1412]

Sixty-Ninth Annual Report of the Bureau of American Ethnology to the Secretary of the Smithsonian Institution. 1951-1952. Pp. ii+30. (Washington: Government Printing Office, 1953.) [1412]

Smithsonian Institution. Bureau of American Ethnology. Bulletin 151: Anthropological Papers Numbers 33-42. Pp. ix+508+37 plates. Bulletin 154: River Basin Surveys Papers. Inter-Agency Archaeological Salvage Program. Numbers 1-6. Pp. xviii+336+56 plates. 1.75 dollars. Bulletin 155: Prehistoric Settlement Patterns in the Viru Valley, Perú. By Gordon R. Willey. Pp. xxii+53+60 plates. 4 dollars (cloth). (Washington: Government Printing Office, 1953.) [1412]

Smithsonian Institution. Institute of Social Anthropology. Publication No. 15: Indian Tribes of Northern Mato Grosso, Brazil. By Kalervo Oberg. With Appendix: Anthropology of the Umutina, Nambicuara, and Iranxe, with Comparative Data from other Northern Mato Grosso Tribes. By Marshall T. Newman. Pp. viii+144+10 plates. 1 dollar. Publication No. 16: Penny Capitalism: a Guatemalan Indian Economy. By Sol Tax. Pp. x+230. 1.75 dollars. (Washington, D.C.: Government Printing Office, 1953.) [1512]

Connecticut Agricultural Experiment Station. Bulletin 552: Control of Apple Insects. By Philip Garman and J. F. Townsend. Pp. 84. Bulletin 553: The Formation of Asparagine in Etiolated Seedlings of *Lupinus albus* L. By A. N. Meiss. Pp. 74. Bulletin 554: Chrysanthemum Gall Midge. By John G. Schread. Pp. 6. Bulletin 555: Report on Inspection. Commercial Feedings Stuffs, 1951. By H. J. Fisher. Pp. 128. (New Haven, Conn.: Connecticut Agricultural Experiment Station, 1952.) [1512]

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Atvinnudeild Haskolans: Fiskideild. Rit Fiskideildar, 1953. Nr. 1: Drift Bottle Experiments in the Waters Between Iceland, Greenland and Jan Mayen during the years 1947 and 1949. By Hermann Einarsson and Unnsteinn Stefansson. Pp. 20. (Reykjavik, H.F. Leiftur Prentadi, 1953.) [1512]