

equipment for use in biological research and industry—Prof. O. L. Zangwill, Psychological Laboratory, The University, Downing Place, Cambridge.

TECHNICIAN (preferably with previous experience) FOR THE CHEMISTRY LABORATORIES—The Secretary, Royal Holloway College (University of London), Englefield Green, Surrey.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

The British Railway Locomotive 1803–1853: a Brief Pictorial History of the First Fifty Years of the British Steam Railway Locomotive. Compiled by G. F. Westcott. Pp. 14+32 plates. (London: H.M. Stationery Office, 1958. Published for the Science Museum.) 3s. 6d. net. [2410]

Department of Scientific and Industrial Research: Building Research Station. National Building Studies. Research Paper No. 20: Reactions Between Aggregates and Cement. Part 4: Alkali-Aggregate Interaction: The Expansion Bar Test and Its Application to the Examination of some British Aggregates for Possible Expansive Reaction with Portland Cements of High Alkali Content. By Dr. F. E. Jones and R. D. Tarleton. Pp. iv+43+8 plates. 4s. net. Research Paper No. 25: Reactions Between Aggregates and Cement. Part 5: Alkali-Aggregate Interaction: Effect on Bending Strength of Mortars and the Development of Gelatinous Reaction Products and Cracking. Part 6: Alkali-Aggregate Interaction: Experience with Some Forms of Rapid and Accelerated Tests for Alkali-Aggregate Reactivity—Recommended Test Procedures. By Dr. F. E. Jones and R. D. Tarleton. Pp. iv+64+4 plates. 4s. 6d. net. (London: H.M. Stationery Office, 1958.) [2410]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. No. 685, Vol. 241 (23 October, 1958): Triangulate Monographtids from the *Monographtus gregarius* Zone (Lower Llandovery) of the Rheidol Gorge (Cardiganshire). By Margaret Sudbury. Pp. 485–555+plates 19–23. (London: Royal Society, 1958.) 30s. [2410]

Water Research Association. Third Annual Report, 1957–58. Pp. 31+4 plates. (Redhill: Water Research Association, 1958.) [2710]

Institute of Personnel Management. Annual Report 1957–58. Pp. 23. (London: Institute of Personnel Management, 1958.) [2710]

The Use of the Hollerith Type 555 Electronic Calculator for Scientific Computation. By J. E. Hallstone. Pp. 38+appendix A and B. (London: Hollerith Group of Companies, British Tabulating Machine Co., Ltd., 1958.) [2710]

Organic Chemical Reagents. Monograph No. 36: *p*-Bromomandelic Acid: Reagent for Zirconium. By E. J. Newman. Pp. 4. (Chadwell Heath: Hopkin and Williams, Ltd., 1958.) [3010]

Department of Scientific and Industrial Research. Fuel Research 1957: Report of the Fuel Research Board with the Report of the Director of Fuel Research for 1957. Pp. iv+59+4 plates. (London: H.M. Stationery Office, 1958.) 4s. 6d. net. [3010]

Air Ministry: Meteorological Office. Meteorological Reports, No. 20: Equivalent Headwinds at Heights of 30,000 feet and 40,000 feet along Air Routes (Supplemented and Revised). By P. Graystone. Pp. ii+35. (M.O. 621d.) (London: H.M. Stationery Office, 1958.) 3s. 6d. net. [3010]

Seventh Report from the Select Committee on Estimates together with the Minutes of the Further Evidence taken before Sub-Committee C and an Appendix, Session 1957–58—Nature Conservancy. Pp. ix+79. (London: H.M. Stationery Office, 1958.) 5s. net. [3010]

Ministry of Agriculture, Fisheries and Food. Technical Bulletin No. 1: Specifications and Methods of Analysis for Certain Pesticides. Compiled at the Plant Pathology Laboratory of the Ministry of Agriculture, Fisheries and Food. Third Edition. Pp. x+126. (London: H.M. Stationery Office, 1958.) 7s. net. [3010]

Ethylene Diamine Tetra-Acetic Acid: a Bibliography of Analytical Uses. Pp. ii+73. (Middleton, Manchester: The Geigy Company, Ltd., 1958.) [3010]

International Association for the Exchange of Students for Technical Experience. Eleventh Annual Report, 1958. Pp. 71. (London: International Association for the Exchange of Students for Technical Experience, 1958.) [3010]

City of Manchester Public Libraries. 106th Annual Report of the Libraries Committee 1957–1958. Pp. 24. (Manchester: The Public Libraries, 1958.) [311]

Planning, Vol. 24, No. 427 (31 October, 1958): Prospects of Television. Pp. 225–256. (London: Political and Economic Planning, 1958.) 3s. 6d. [311]

British Drug Houses, Ltd. Sugar Phosphates and some Closely Related Substances. Pp. 20. (Poole: British Drug Houses, Ltd., 1958.) [311]

Institution of Chemical Engineers. Notes on Laboratories for the Teaching of Chemical Engineering. Pp. 11. (London: Institution of Chemical Engineers, 1958.) [311]

Library of Medicinal Plants collected by Henry D. de Laszlo, M.A., Ph.D. Pp. iii+52. (Cambridge: W. Heffer and Sons, Ltd., 1958.) 10s. 6d. net. [311]

Government of Northern Ireland: Ministry of Agriculture. Leaflet No. 122: Poultry Mites, Lice and Fleas. Pp. 8. (Belfast: Ministry of Agriculture, 1958.) [311]

Bulletin of the British Conference on Automation and Computation, Vol. 1, No. 1 (September–October 1958). Pp. 20. Published bi-monthly. Subscription rate: 12s. per annum; single issues, 2s. (London: B.C.A.C. Bulletin, c/o The Institution of Mechanical Engineers, 1958.) [311]

Agricultural Research Institute of Northern Ireland, Hillsborough, Co. Down. Thirty-first Annual Report, 1957–1958. Pp. 42. (Hillsborough, Co. Down: Agricultural Research Institute of Northern Ireland, 1958.) [311]

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Chicago Natural History Museum. Fieldiana: Botany. Vol. 24, Part 1: Flora of Guatemala. By Paul C. Standley and Julian A. Steyermark. Pp. ix+478 (121 figures). 8 dollars. Fieldiana: Geology. Vol. 10, No. 33: New Salamanders of the Family Sirenidae from the Cretaceous of North America. By Coleman J. Goin and Walter Auffenberg. Pp. 449–459. 45 cents. Fieldiana: Zoology. Vol. 39, No. 16: Descriptions of Abyssal Benthic Fishes from the Gulf of Mexico. By Marion Grey. Pp. 149–183. 75 cents. Vol. 39, No. 17: Streblidae from Yemen, with description of One Subspecies of *Asco-dipteron* (Diptera). By B. Jobling. Vol. 39, No. 18: Egyptian Snakes of the Genus *Psammophis*. By Hymen Marx. Pp. 191–200. 30 cents. Vol. 39, No. 19: Some Rare or Little-known Mexican Coral Snakes. By Karl B. Schmidt. Pp. 201–212. 25 cents. (Chicago, Ill.: Chicago Natural History Museum, 1958.) [2710]

Forty-first Annual Report of the National Research Council of Canada, 1957–1958, including the Annual Report of Canadian Patents and Development Limited. Pp. 54. (N.R.C. No. 4783.) (Ottawa: Queen's Printer, 1958.) [2710]

Microwave Propagation in Snowy Districts. Edited by Prof. Y. Asami. (Monograph Series of the Research Institute of Applied Electricity, No. 6, 1958.) Pp. v+198. (Sapporo: Research Institute of Applied Electricity, Hokkaido University, 1958.) [2710]

Department of Fisheries, Ceylon. Fisheries Research Station, Colombo. Bulletin No. 7: Mechanization of Fishing Craft and the Use of Improved Fishing Gear. By E. R. A. de Sylva. Pp. 24+1 map. Administration Report of the Director of Fisheries for 1957. Pp. 31. 80 cents. (Colombo: Government Publications Bureau, 1958.) [3010]

Infra-red Absorption of the Carbon-Carbon Double Bond Stretching Vibration. By G. Dijkstra. (Academic Thesis for the examination for the degree of Doctor of Science in the University of Amsterdam.) Pp. 107. (Amsterdam: G. Dijkstra c/o The University, 1958.) [3010]

Transactions of the National Institute of Sciences of India. Vol. 4, No. 1: The Petrography and Petrogenesis of Forty-eight Flows of Deccan Trap Penetrated by Borings in Western India. By Dr. W. D. West. Pp. 1–56+3 plates. (New Delhi: National Institute of Sciences of India, 1958.) Rs. 7.00. [3010]

Chicago Natural History Museum. Fieldiana: Geology. Vol. 11, No. 9: Early Devonian Fishes from Utah, Part 3: Arthrodira. By Robert H. Denison. Pp. 461–551. 2.50 dollars. Fieldiana: Zoology. Vol. 36, No. 5: Birds of Volcan de Chiriqui, Panama. By Emmet R. Blake. Pp. 499–577. 1.50 dollars. Vol. 42, No. 3: Philippine Zoological Expedition, 1946–1947. A synopsis of Philippine Endomychidae (Coleoptera). By M. F. Strohecker. Pp. 19–48. 75 cents. Vol. 42, No. 4: Philippine Zoological Expedition, 1946–1947. Notes on Philippine Mallophaga, 1: Species from Cleoniformes, Anseriformes, Falconiformes, Galliformes, Gruiformes and Charadriiformes. By K. C. Emerson and Ronald A. Ward. Pp. 49–61. 30 cents. Vol. 42, No. 5: Philippine Zoological Expedition 1946–1947. Stag Beetles (Coleoptera: Lucanidae). By Bernard Benesh. Pp. 63–75. 30 cents. (Chicago, Ill.: Chicago Natural History Museum, 1958.) [3010]

Museum of Comparative Zoology at Harvard College. Breviora. No. 92 (September 17, 1958): A New Genus of Erethizontid Rodents from the Colhuehuapian of Patagonia. By Bryan Patterson. Pp. 4. No. 93 (September 18, 1958): A New Barylamidid Pantodont from the Late Paleocene. By Bryan Patterson and Elwyn L. Simons. Pp. 8. No. 94 (September 18, 1958): Affinities of the Patagonian Fossil Mammal Necrolestes. By Bryan Patterson. Pp. 14. No. 95 (September 19, 1958): A New Bolivian Land Snail of the Genus *Drymaeus*. By Juan Jose Parodiz. Pp. 3. No. 96 (September 19, 1958): A New Dichobunid Artiodactyl from the Uinta Eocene. By C. Lewis Gazin. Pp. 6. (Cambridge, Mass.: Museum of Comparative Zoology at Harvard College, 1958.) [311]

A Discussion of Short-Lived Solar Radio Transients at 200 Mc/s. By C. de Jager and F. Van 't Veer. (Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, Afd. Natuurkunde, Eerste Reeks, Deel 21, No. 3.) Pp. 61. (Amsterdam N.V. Noord-Hollandsche Uitgevers Maatschappij, 1958.) [311]

Smithsonian Institution: Astrophysical Observatory. Smithsonian Contributions to Astrophysics. Vol. 3, No. 1: The Regression of the Node of the Quadrants. By Gerald S. Hawkins and Richard B. Southworth. Pp. ii+6. 15 cents. Vol. 3, No. 2: Catalogs of Meteor Radiants. By Gerald S. Hawkins. Pp. ii+7–8. 10 cents. (Washington, D.C.: Government Printing Office, 1958.) [311]

World Health Organization. Technical Report Series, No. 151: Mental Health Aspects of the Peaceful Uses of Atomic Energy: Report of a Study Group. Pp. 53. (Geneva: World Health Organization, London: H.M. Stationery Office, 1958.) 2 Swiss francs; 3s. 6d.; 0.60 dollars. [311]

Metropolitan Life Assurance Company. Statistical Bulletin, Vol. 39 (September, 1958): Children Growing Taller. Health in Alaska. Longevity of Industrial Population in 1957. Decrease in Homicide Rate. Pp. 12. (New York: Metropolitan Life Assurance Company, 1958.) [311]

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