

Transactions of the Optical Society. Vol. 29, No. 4. Pp. 149-196. (London.) 10s.

Department of Scientific and Industrial Research. The Investigation of Atmospheric Pollution. Report on Observations in the Year ending March 31st, 1927. Thirteenth Report. Pp. iv+54. (London: H.M. Stationery Office.) 6s. 6d. net.

Memoirs of the Geological Survey of India. *Paleontologia Indica* New Series. Vol. 10, Memoir No. 3: Les couches à *Cardita beaumonti*, Par Prof. Henri Douville. Pp. ii+25+4 planches. 2.12 rupees; 5s. Vol. 10, Memoir No. 4: A Supplement to the Molluscs of the Ranikot Series. By the late E. W. Vredenburg. Edited with Notes by Dr. G. de P. Cotter. Pp. iv+75+9 plates. 6.12 rupees; 11s. Vol. 11: Revisions of Indian Fossil Plants. Part 1: Coniferales (a. Impressions and Incrustations). By Prof. B. Sahni. Pp. iii+49+6 plates. 3.12 rupees; 6s. 6d. Vol. 12: The Fauna of the Agglomeratic Slate Series of Kashmir. By the late H. S. Bion. With an Introductory Chapter by C. S. Middlemiss. Pp. iv+42+8 plates. 6.8 rupees; 10s. 6d. Vol. 13: The Artiodactyla of the Eocene of Burma. By Dr. Guy E. Pilgrim. Pp. iii+39+4 plates. 3.12 rupees; 6s. 6d. (Calcutta: Government of India Central Publication Branch.)

Survey of India. Geodetic Report. Vol. 1, From 1st October 1922 to 30th September 1925. Pp. xii+323+16 plates. (Dehra Dun.) 6 rupees; 9s. 9d.

Department of Agriculture, Madras. Bulletin No. 89: The Conduct of Field Experiments. By E. O. Hiffe and B. Viswa Nath. Pp. vii+51. (Madras: Government Press.) 1-4 rupees.

Proceedings of the Royal Irish Academy. Vol. 38, Section A, No. 3: On the Motion of Vortices near a Circular Cylinder in a Stream of Liquid. By E. T. S. Walton. Pp. 29-39. 6d. Vol. 38, Section B, No. 7: Further Notes on the Metabolism of Conifer Leaves. By Prof. Joseph Doyle and Phyllis Clinch. Pp. 116-127. 6d. Vol. 38, Section B, No. 8: The Catalase Content of Conifer Leaves, with Notes on its Measurement. By Prof. Joseph Doyle and Phyllis Clinch. Pp. 128-147. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate.)

The Scientific Proceedings of the Royal Dublin Society. Vol. 19 (N.S.), No. 4: Influence of Temperature on Response to Electrical Stimulation. By Prof. Henry H. Dixon and T. A. Bennet-Clark. Pp. 27-38. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate.) 1s.

Forest Bulletin No. 41: Note on Weights of Seeds. By S. H. Howard. Revised by H. G. Champion. Pp. ii+21. (Calcutta: Government of India Central Publication Branch.) 8 annas; 10d.

British Mosquito Control Institute. Reports presented by the Council and the Director at the Second Annual General Meeting, held at the Hotel Cecil, London, June 18th, 1928. Pp. 16. (Hayling Island.)

Transactions of the Eastbourne Natural History, Photographic and Literary Society. Supplement, Vol. 9: The Butterflies of Eastbourne. By Robert Adkin. Pp. 61+15 plates. (Eastbourne.) 2s. 6d. net.

Angueddfa Genedlaethol Cymru: National Museum of Wales. Geological Maps: their History and Development, with special reference to Wales. By Dr. F. J. North. Pp. vi+133+12 plates. (Cardiff.) 1s.

Ministry of Agriculture and Fisheries. Miscellaneous Publications, No. 62: Report on the Occurrence of Insect Pests on Crops in England and Wales for the Years 1925, 1926 and 1927. Pp. 47. (London: H.M. Stationery Office.) 2s. net.

Review of Grapefruit Production in British Honduras. By Prof. H. Clark Powell. Pp. 23. (Belize, British Honduras: Government Printing Office.)

Ministry of Agriculture and Fisheries. Report on the Work of the Research and Education Division for the Year 1926-27. Pp. 87. (London: H.M. Stationery Office.) 2s. 6d. net.

Air Ministry. Aeronautical Research Committee: Reports and Memoranda, No. 1149 (Ae. 316): Variable Density Wind Tunnel—Report of the Scale Effect Panel. (T. 2450.) Pp. 4+1 plate. 4d. net. No. 1152 (M. 55): Stresses in a Plate bounded by a Hyperbolic Cylinder. By A. A. Griffith. (E. F. 209.) Pp. 10. 9d. net. (London: H.M. Stationery Office.)

Imperial Department of Agriculture for the West Indies. Report on the Agricultural Department, St. Vincent, for the Year 1927. Pp. v+29. (Trinidad, B.W.I.) 6d.

Reports of the Imperial Economic Committee. Ninth Report: Tobacco. (Cmd. 3168.) Pp. 50. (London: H.M. Stationery Office.) 3d. net.

The Journal of the Municipal College of Technology, Manchester: a Record of Investigations undertaken by Members of the Manchester College of Technology. Vol. 13, 1927. Pp. vi+240. (Manchester.)

The Journal of the East Africa and Uganda Natural History Society. No. 31-32, October 1927-January 1928. Pp. 111-180+37 plates. (Nairobi.) 7s. 6d.; to non-Members, 15s.

The Cordwainers Technical College, Eagle Court, St. John's Lane, E.C.1. Prospectus of Classes in Boot and Shoe Manufacture and Making, and Leather Goods Manufacture. Day and Evening Classes, Session 1928-9. Pp. 42. (London.)

Research Association of British Motor and Allied Manufacturers. Eighth Annual Report of the Council for the Year ending 31st March 1928. Pp. 8. (London.)

Broadcast English. 1: Recommendations to Announcers regarding certain Words of doubtful Pronunciation. Pp. 32. (London: British Broadcasting Corporation.)

FOREIGN.

Department of the Interior: Bureau of Education. Bulletin, 1928 No. 2: Statistics of Nurse Training Schools, 1926-27. Pp. 57. (Washington, D.C.: Government Printing Office.) 10 cents.

Ministry of Public Works, Egypt: Physical Department. Meteorological Report for the Year 1922. Pp. xiii+170. (Cairo: Government Publications Office.) 40 P.T.

Annales de l'Institut de Physique du Globe de l'Université de Paris et du Bureau central de Magnétisme terrestre. Publiées par les soins de Prof. Ch. Maurain. Tome 6. Pp. iv+153. (Paris: Les Presses universitaires de France.)

Bernice P. Bishop Museum. Bulletin 45: The Ecology of an Hawaiian Coral Reef. By Charles Edward Edmondson. Pp. 64. 1 dollar. Bulletin 47: Land Snails from Hawaii, Christmas Island and Samoa. By

Henry A. Pilsbry, C. Montague Cooke, Jr., and Marie C. Neal. Pp. ii+49. 1 dollar. Bulletin 49: Hawaiian Shallow Water Anthozoa. By Addison E. Verrill. Pp. 30+5 plates. 1 dollar. Memoirs, Vol. 9, No. 5: The Moriories. By H. D. Skinner and William Baucke. Pp. 44+8 plates. 2 dollars. (Honolulu, Hawaii.)

Department of Commerce: Bureau of Standards. Miscellaneous Publication No. 84: Standard Time Conversion Chart. Prepared by R. E. Gould. (Washington, D.C.: Government Printing Office.) 10 cents.

Publications of the Kapteyn Astronomical Laboratory at Groningen. No. 42: The Proper Motions of 2292 Stars derived from Plates taken at the Radcliffe Observatory. Measured and discussed by Prof. Dr. P. J. van Rhijn, Dr. W. J. Klein Wassink and B. J. Bok. Pp. iv+18+T25. (Groningen: Hoitsemma Bros.)

Reports of the Imperial Industrial Research Institute, Osaka, Japan. Vol. 9, No. 3: Dispersoidological Investigations. 22: Jellies and Gelatinous Precipitates; their Classification, Conditions of Formation, Structure and Industrial Application. By Prof. Dr. P. P. von Weimarn and collaborators. Translated from the Russian by Mrs. P. P. von Weimarn. Pp. 196+12 plates. (Osaka and Tokyo: Koseikai Publishing Department.) 4.35 yen.

Department of Commerce: U.S. Coast and Geodetic Survey. Special Publication No. 142: Tides and Currents in Boston Harbor. By Paul Schureman. Pp. iii+116. (Washington, D.C.: Government Printing Office.) 30 cents.

Reprint and Circular Series of the National Research Council. No. 81: First Report of the Committee on Photochemistry. Pp. 481-575. (Washington, D.C.: National Academy of Sciences.) 1 dollar.

Iowa Geological Survey. Vol. 32: Annual Reports, 1925 and 1926, with Accompanying Papers. Pp. 557. (Des Moines, Iowa.)

The Academy of Natural Sciences of Philadelphia. Special Publication No. 2: Crystallographic Tables for the Determination of Minerals. By Victor Goldschmidt and Samuel G. Gordon. Pp. 70. (Philadelphia, Pa.) 1.50 dollars.

Proceedings of the United States National Museum. Vol. 73, Art. 8: A Revision of the American Parasitic Flies belonging to the Genus *Belvosia*. By J. M. Aldrich. (No. 2729.) Pp. 45. Vol. 73, Art. 9: The Scorpions of the Western Part of the United States, with Notes on those occurring in Northern Mexico. By H. E. Ewing. (No. 2730.) Pp. 24+2 plates. (Washington, D.C.: Government Printing Office.)

Smithsonian Institution: United States National Museum. Bulletin 144: The American Bats of the Genera *Myotis* and *Piponyx*. By Gerrit S. Miller, Jr., and Glover M. Allen. Pp. viii+218. (Washington, D.C.: Government Printing Office.) 55 cents.

Year Book, The Academy of Natural Sciences of Philadelphia, for the Year ending December 31, 1927. Pp. 106+9 plates. (Philadelphia, Pa.)

Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. 79, 1927. Pp. iii+334+229-583+26 plates. (Philadelphia, Pa.) 6.25 dollars.

American Institute of Weights and Measures: Scientific Papers. A Precision Value for the Inch. By Luther D. Burlingame. Pp. 9. (New York City.)

Bernice P. Bishop Museum. Bulletin 46: Tales and Poems of Tonga. By E. E. V. Collocott. Pp. 169. Bulletin 48: Ancient Tahiti. By Teira Henry. Based on Material recorded by J. M. Ormond. Pp. iv+ viii+651. (Honolulu, Hawaii.)

U.S. Department of Agriculture. Farmers' Bulletin No. 1557: Insects attacking the Peach in the South and how to Control Them. By Oliver I. Snapp. Pp. ii+42. (Washington, D.C.: Government Printing Office.) 10 cents.

Proceedings of the United States National Museum. Vol. 73, Art. 5: Two common Species of Parasitic Crustacea (Sacculinidae) of the West Indies. By H. Boschma. (No. 2726.) Pp. 10. (Washington, D.C.: Government Printing Office.)

Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. 80. Mexican Mollusks. By Henry A. Pilsbry. Pp. 115-117. (Philadelphia, Pa.)

Conseil Permanent International pour l'Exploration de la Mer. Rapports et Procès-verbaux des Réunions. Vol. 47: Rapport Jubilaire (1902-1927). Pp. iv+273. (Copenhagen: Andr. Fred. Høst et fils.)

CATALOGUES.

British Chemical Balances and Weights. Pp. 24. (London: L. Oertling, Ltd.)

Electro-Medical Apparatus. (Bulletin No. 99.) Pp. 60. (London: Watson and Sons (Electro-Medical), Ltd.)

Diary of Societies.

SATURDAY, AUGUST 18.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (Newcastle-upon-Tyne), at 2.30.—Annual General Meeting.

CONGRESS.

AUGUST 20-25.

INTERNATIONAL CONGRESS AGAINST ALCOHOLISM (at Antwerp).—Sir Arthur Newsholme: The Alcohol Question and Social Hygiene.—Prof. Firket: The Concentration of Alcohol in the Blood and the Diagnosis of Drunkenness from the Medico-legal and Insurance Aspects.—Prof. Laitinen: Recent Experiments on Alcohol and Heredity.—Dr. Puusep: Changes in the Endocrine Glands in the Descendants of Alcoholics, the Endocrine Glands and Inebriety, the Permeability of the Meninges in Alcoholics, and the Excitability of the Cerebral Tissue in the Descendants of Alcoholics.—Prof. H. Emerson: Results of American Prohibition from the Hygienic Aspect.—Drs. Vervaeck and Meens: Social Effects of the Belgian Liquor Law of 1919.—Dr. Dahlgren: Alcoholism in Russia.—Drs. Bellin du Coteau and Bergeron: Alcohol and Sport.