

Official Publications Received.

- Statens Skogsforsökanstalt. Skogsforsökanstaltens Exkursjonsledare, 11: The Experimental Forests of Kulbäcksidan and Svartberget in North Sweden. 1: Geology (Description and Maps), by Olaf Tamm; 2: Vegetation (Description and Maps), by Carl Malmström. Pp. 87. 2 kr. Statens Skogsforsökanstalt Flygblad, No. 35: Skogsträdens Fruktställning år 1925. Av Gösta Mellström. Pp. 22. Skogliga rön, No. 4: Några Riktlinjer för Torrläggning av Norrländska Torvmarker. Av Carl Malmström. Pp. 26. Skogliga rön, No. 5: Ett Observandum vid Skogsodlingar. Av O. Eneroth. Pp. 7. (Stockholm: Centraltryckeriet.)
- Ministerio da Agricultura, Industria e Commercio: Directoria de Meteorologia. Boletim Meteorologico, Anno de 1921: Observações meteorológicas feitas no Observatorio do Instituto Central, do Rio de Janeiro, e nas Estações da rede Nacional. Pp. vi+159. (Rio de Janeiro.)
- Report of the Director of the Royal Observatory, Hongkong, for the Year 1925. Pp. 16. (Hongkong.)
- Proceedings of the Royal Society of Edinburgh. Session 1925-1926. Vol. 46, Part 2, No. 21: The Slow Oxidation of Phosphorus Trioxide. Part 2: The Production of Phosphorus Tetroxide by direct Oxidation of Phosphorus Trioxide. By Dr. Christina Cruickshank Miller. Pp. 230-244. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 9d.
- Transactions of the Royal Society of Edinburgh. Vol. 54, Part 3, No. 13: A Study of the Hoken and the Tamil Skull. By Prof. Gordon Harrower. Pp. 573-599+1 plate. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 4s. 6d.
- Regenwaarmemingen in Nederlandsch-Indië. 1: Java en Madoera, 1923. Pp. 127. (Wetlevreden; Landsdrukkerij.)
- Transactions of the Royal Scottish Arboricultural Society. Vol. 40, Part 1, March. Pp. x+69+26+4 plates. (Edinburgh: Douglas and Foulis.) 3s.
- Proceedings of the United States National Museum. Vol. 68, Art. 17: The Minerals of Obsidian Cliff, Yellowstone National Park, and their Origin. By William F. Foshag. (No. 2618.) Pp. 18+4 plates. Vol. 68, Art. 18: Revision of the American Leaf Hoppers of the Jassid Genus *Typhlocyba*. By W. L. McAtee. (No. 2619.) Pp. 47+6 plates. Vol. 68, Art. 19: A Revision of the American Lice of the Genus *Pediculus*, together with a Consideration of the Significance of their Geographical and Host Distribution. By H. E. Ewing. (No. 2620.) Pp. 30+3 plates. Vol. 68, Art. 22: Descriptions of new West Indian Longicorn Beetles of the Subfamily Lamiinae. By Warren S. Fisher. (No. 2623.) Pp. 40. Vol. 68, Art. 24: A Collection of Pleistocene Vertebrates from South-western Texas. By Oliver P. Hay. (No. 2625.) Pp. 18+8 plates. (Washington, D.C.: Government Printing Office.)
- Verhandlungen der Schweizerischen Naturforschenden Gesellschaft. 106 Jahresversammlung vom 8 bis 11 August 1925 in Aarau. Pp. 141+187+54. (Aarau: H. K. Sauerländer et Cie.)
- Aeronautical Research Committee. Reports and Memoranda, No. 992 (Ae. 203): The Measurement of Torque Grading along an Airscrew Blade. By Dr. G. P. Douglas and L. P. Coombes. (A. & D. Airscrews 83—T. 2102.) Pp. 11+10 plates. 9d. net. Reports and Memoranda, No. 994 (Ae. 205): The Variation of the Performance of an Aeroplane with Wing Loading. By W. S. Farren. (D1. Special Technical Questions 142—T. 2128 and A.) Pp. 22+10 plates. 1s. 6d. net. Reports and Memoranda, No. 1002 (Ae. 210): An Experimental Investigation into the Properties of certain Framed Structures having Redundant Bracing Members—Report No. 4. By Prof. A. J. Sutton Pippard and G. H. W. Clifford. (B.2.g. Strength and Design-General, 68—T. 2189.) Pp. 11+2 plates. 6d. net. Reports and Memoranda, No. 1003 (M. 33): On the Concentration of Stress in the Neighbourhood of a small Spherical Flaw; and on the Propagation of Fatigue Fractures in "Statistically Isotropic" Materials. By R. V. Southwell and H. J. Gough. (M.C. 27.) Pp. 22+3 plates. 1s. 8d. net. Reports and Memoranda, No. 1005 (E. 17): Note on 'Detonation' Temperatures in Closed Vessel Explosions, by R. W. Fenning; Work performed at the National Physical Laboratory for the Engineering Research Board of the Department of Scientific and Industrial Research. (L.C.E. 519.) Pp. 4+1 plate. 6d. net. (London: H.M. Stationery Office.)
- Proceedings of the Society for Psychological Research. Vol. 86, Part 98, June. Pp. 79-170. (London: Francis Edwards.) 6s. net.
- United States Department of Agriculture. Department Bulletin No. 1393: The Granary Weevil. By E. A. Back and R. T. Cotton. Pp. 36. 10 cents. Farmers' Bulletin No. 1483: Control of Insect Pests in Stored Grain. By E. A. Back and R. T. Cotton. Pp. ii+30. 10 cents. (Washington, D.C.: Government Printing Office.)
- Department of the Interior: Bureau of Education. Bulletin, 1925, No. 43: Motivation of Arithmetic. By Prof. G. M. Wilson. Pp. iii+60. (Washington, D.C.: Government Printing Office.) 10 cents.
- Smithsonian Miscellaneous Collections. Vol. 78, No. 2: Mexican Mosses collected by Brother Arsène Brouard. By I. Thérion. (Publication 2867.) Pp. 29. (Washington, D.C.: Smithsonian Institution.)
- The North of Scotland College of Agriculture. Guide to Experiments and Demonstration Plots at Craibstone, 1926. Pp. 56. Bulletin No. 31: Report on Drying of Hay by Heated Air. By Prof. J. Hendrick. Pp. 12. Report on the Work of the North of Scotland College for the Year 1924-25. Pp. 30. (Aberdeen.)
- Mysore Geological Department. Records, Vol. 23, 1924, Part 2. Pp. v+37-128. (Bangalore: Government Press, 1926.) 2 rupees.
- Journal of the Indian Institute of Science. Vol. 8B, Part 2: The Aluminium Anode Film Dielectric. By M. Subramaniam. Pp. 11-21+9 plates. 1 rupee. Vol. 9B, Part 1: Double Synchronous Speed Alternators. By K. P. Roy. Pp. 7+4 plates. 1 rupee. (Bangalore.)
- Memoirs of the Department of Agriculture in India. Chemical Series, Vol. 8, No. 10: Silage Experiments at Nagpur. By Dr. Harold E. Annett and A. R. Padmanabha Aiyer. Pp. 189-209. (Calcutta: Government of India Central Publication Branch.) 10 annas; 1s.
- League of Nations. Health Organisation: Malaria Commission. Report on the First Results of Laboratory Work on Malaria in England. By Dr. S. P. James, assisted by F. G. Shute. (C. H./Malaria/57 (I).) Pp. 30. (London: Constable and Co., Ltd.)

- Records of the Survey of India. Vol. 20: The War Record, 1914-1920. (Published under the Direction of Col.-Comdt. E. A. Tandy.) Pp. xxv+155+27 plates+9 maps. (Dehra Dun.) 3 rupees; 5s. 3d.
- Nyasaland Protectorate. Annual Report of the Geological Survey Department for the Year 1925. Pp. 7. (Zomba.)
- Mines Department. Fourth Annual Report of the Safety in Mines Research Board; including a Report of Matters dealt with by the Health Advisory Committee, 1925. Pp. 68. (London: H.M. Stationery Office.) 1s. net.
- Experimental Researches and Reports published by the Department of Glass Technology, The University, Sheffield. Vol. 8, 1925. Pp. iii+190. (Sheffield.)
- Report for 1925 on the Lancashire Sea-Fisheries Laboratory at the University of Liverpool. Edited by Prof. James Johnstone. Pp. 63. (Liverpool: University Press of Liverpool, Ltd.; London: Hodder and Stoughton, Ltd.) 2s. 6d.
- Joint Board of Research for Mental Disease, City and University of Birmingham. Annual Report of the Laboratory for the Year ended March 1926. Pp. 12. (Birmingham: Asylums Department, The Council House.)
- Engineering Abstracts from the Current Periodical Literature of Engineering and Applied Science, published outside the United Kingdom. New Series, No. 28, July. Pp. 260. (London: The Institution of Civil Engineers.)
- Abisko Naturvetenskapliga Station. Observations météorologiques à Abisko en 1923. Rédigées par Bruno Rolf. Pp. iv+68. Observations météorologiques à Abisko en 1924. Rédigées par Bruno Rolf. Pp. iv+66. (Stockholm.)
- Meddelanden från Statens Meteorologisk-Hydrografiska Anstalt. Band 3, No. 8: Zur Thermodynamik der Kondensation an Hygroskopischen Kernen und Bemerkungen über das Zusammenfließen der Tropfen. Von Hilding Köhler. Pp. 16. 1 kr. Band 3, No. 9: Mälarens vattenstånd åren 1887-1925. Av Folke Bergsten. Pp. 20. 1.50 kr. (Stockholm.)
- Smithsonian Institution: United States National Museum. Contributions from the United States National Herbarium. Vol. 22, Part 9: Studies in American Phaeolaceae. By C. V. Piper. Pp. viii+663-701. (Washington, D.C.: Government Printing Office.) 10 cents.
- Report of the Aeronautical Research Institute, Tokyo Imperial University. No. 16: Some Experiments on Motion of Fluids, Parts 1, 2 and 3. By Torahiko Terada and Kunio Hattori. Pp. 87-112. 1.20 yen. No. 17: Linien konstanter Strömungsgeschwindigkeit. Von C. Wieseler. Pp. 115-125. 40 sen. (Tokyo: Maruzen Kabushiki-Kaisha.)
- The Quarterly Journal of the Geological Society. Vol. 82, Part 2, No. 326, July 3rd. Pp. 101-331+plates 7-21. (London: Longmans, Green and Co., Ltd.) 7s. 6d.
- Russian Society of the Amateurs of the Universe's Knowledge (Mirovédenie): Bureau of Scientific Observations. Report on the Phenological Observations from 1925. (In Russian.) Pp. 63-98. (Leningrad.)
- The Institute of Physics. Report of the Board for the Year 1925. Pp. 16. (London.)
- Board of Education. Report on the Science Museum for the Year 1925. Pp. 24. (London: H.M. Stationery Office.) 1s. net.

Diary of Societies.

AUGUST 6 TO 11.

- BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Oxford).
Friday, August 6.—At 10 A.M.—Addresses by Sectional Presidents: G.—Sir John Snell: The Present and Future Development of Electricity Supply.—L.—Sir Thomas Holland. Discussion (Section C): Problems of the Thames Gravels.—Discussion (Section M): Agricultural Education.
- At 11 A.M.—Discussion (Section L): Scholarships.
At 11.30 A.M.—Addresses by Sectional Presidents: D.—Prof. J. Graham Kerr: Biology and the Training of the Citizen.—J.—Dr. J. Drever: Psychological Aspects of our Penal System.—Discussion (Section K): Sex Determination in Plants.
- At 2.30.—Discussion (Section I): The Relationship of Vitamin B to Bios.—Discussion (Section L): The Cinema in Education.
- At 3.15.—Discussion (Section I): The Meaning of the Symptoms of Beri-beri.
- At 3.30.—Discussion (Section L): Wireless in Education.
- At 8.—Prof. A. S. Eddington: Stars and Atoms (Evening Discourse).
Monday, August 9.—At 10 A.M.—Addresses by Sectional Presidents: A.—Prof. A. Fowler: The Analysis of Spectra.—H.—Prof. H. J. Fleure: The Regional Balance of Racial Evolution.—M.—Sir Daniel Hall: The Limits of Agricultural Expansion.—Discussion (Section B): Tautomerism.—Discussion (Section L): Recent Advances in Educational Science.
- At 11 A.M.—Discussion (Section K): Vegetative Propagation.—Discussion (Section D): The Training of a Zoologist.
- At 2.—Discussion (Sections D, H, J): Heredity in its Physical and Mental Aspects.
- At 8.—Prof. H. F. Osborn: Discoveries in the Gobi Desert by the American Museum Expeditions (Evening Discourse).
Tuesday, August 10.—At 10 A.M.—Prof. J. S. Huxley: The Study of Growth and its Bearings upon Morphology (Lecture).—Discussion (Section L): The Public School System.
- At 11 A.M.—Discussion (Sections C, D, K): The Conception of a Species.
At 11.30 A.M.—Discussion (Section M): The Feeding of the Dairy Cow.
At 12 noon.—(Section I) by Dr. J. S. Haldane: Acclimatisation to High Altitudes (Lecture).
- At 2.—Conference of Delegates of Corresponding Societies.
At 2.30.—(Section J) by Miss W. Spielman: Recent Progress in Vocational Selection (Lecture).
- At 5.—Sir F. Keeble: The Nervous System of Plants (Lecture).
Wednesday, August 11.—At 11 A.M.—Discussion (Section E): Regional Work in Geography.
At 12 noon.—Concluding General Meeting.