

Official Publications Received.

- Journal of the College of Agriculture, Hokkaido Imperial University, Sapporo, Japan. Vol. 16, Part 1: (i) Über die qualitativen Methoden zur Methylpentosanbestimmung, von Kintaro Oshima und Kinsuke Kondo; (ii) Über die quantitative Bestimmung von Pentosan und Methylpentosan, von Kintaro Oshima und Kinsuke Kondo. Pp. 71. Vol. 17, Part 1: Studies in Plasmopara Halstedii, II. By Prof. Makoto Nishimura. Pp. 61+5 plates. Vol. 18, Part 1: On the Five Species of Dendrolimus injurious to Conifers in Japan, with their Parasitic and Predaceous Insects. By Prof. S. Matsumura. Pp. 42+5 plates. (Tokyo: Maruzen Co., Ltd.)
- Proceedings of the Geologists' Association. Edited by A. K. Wells. Vol. 37, Part 2, June 25th. Pp. 117-250. (London: Edward Stanford, Ltd.) 5s.
- Royal College of Surgeons of England. Annual Report on the Museum, by the Conservator, June 17th, 1926. Pp. 24. (London.)
- Canada. Department of Mines: Mines Branch. Investigations of Mineral Resources and the Mining Industry, 1924. (No. 642.) Pp. ii+118+5 plates. Investigations in Ore Dressing and Metallurgy (Testing and Research Laboratories), 1924. (No. 643.) Pp. 115. Investigations of Fuels and Fuel Testing (Testing and Research Laboratories), 1924. (No. 644.) Pp. ii+81+4 plates. (Ottawa: F. A. Acland.)
- Union of South Africa: Department of Agriculture. Science Bulletin No. 47: Physical and Chemical Analyses of Papers employed for Wrapping Fruit. By Dr. Francois J. de Villiers. Pp. 19. (Pretoria: Government Printing and Stationery Office.)
- Bulletin International de l'Académie Polonaise des Sciences et des Lettres: Classe des Sciences mathématiques et naturelles. Série B: Sciences naturelles. No. 3-4B, Mars-Avril, 1925. Pp. 277-508+planches 15-23. 450 zł. No. 5-6B, Mai-Juin, 1925. Pp. 509-622+planches 24-32. No. 7B, Juillet, 1925. Pp. 623-727+planches 33-36. No. 8B, Octobre, 1925. Pp. 729-800+planches 37-45. Série A: Sciences mathématiques. No. 3-10A, Octobre-Décembre, 1925. Pp. 259-375+planches 3-9. No. 1-2A, Janvier-Février, 1926. Pp. 101. No. 3-4A, Mars-Avril, 1926. Pp. 103-132. (Cracovie: Gebethner et Wolff.)
- The Institute of Chemistry of Great Britain and Ireland. Register of Fellows, Associates and Students, corrected to 31st March 1926. Pp. 352. (London.)
- Bishop's Stortford College. Report of the Proceedings of the Natural History Society, 1925. Pp. 21. (Bishop's Stortford.)
- Results of Meteorological Observations made at the Radcliffe Observatory, Oxford, in the Five Years 1921-1925. Vol. 54. Pp. xvi+101. (London: Oxford University Press.)
- Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Jaarverslag 1925. Pp. 24. (Wetvevreden: Landsdrukkerij.)
- Memoirs of the Department of Agriculture in India. Botanical Series, Vol. 14, No. 2: Studies in Gujarat Cottons, Part 3. The Wagad Cotton of Upper Gujarat, Kathiawad and Kutch. By Maganlal L. Patel and D. P. Mankad. Pp. iv+59-112+3 plates. (Calcutta: Government of India Central Publication Branch.) 1.4 rupees; 2s. 3d.
- The Kent Incorporated Society for Promoting Experiments in Horticulture. Annual Report (Thirteenth Year). I: General, East Malling Research Station, 1st January 1925 to 31st December 1925. Pp. 100. (East Malling.) 2s. 3d.
- Board of Education. Syllabus of the Science Scholarships Examination, 1927. Pp. 24. (London: H.M. Stationery Office.) 4d. net.
- Subject Index of the *Transactions of the Optical Society*, Vols. 1-25. By Prof. A. F. C. Pollard. Pp. iv+89. (London: Optical Society, Imperial College of Science.)
- The Decimal Bibliographical Classification of the Institut International de Bibliographie. Partly translated for the Formation and Use of a Universal Bibliographical Repertory concerning Optics, Light and cognate Subjects. By Prof. A. F. C. Pollard. Pp. viii+109. (London: Optical Society, Imperial College of Science.)
- The Midland Agricultural and Dairy College, Sutton Bonington, Loughborough. Bulletin No. 9: County and Inter-County Clean Milk Competitions, organised by the College and the County Agricultural Education Authorities; Report on the Inter-County Competition, 1925-26. Pp. 12. (Loughborough.)
- Philosophical Transactions of the Royal Society of London. Series A, Vol. 226: The Behaviour of Single Crystals of Aluminium under Static and Repeated Stresses. By H. J. Gough, Dr. D. Hanson and S. J. Wright. Pp. 30+3 plates. (London: Harrison and Sons, Ltd.)
- Zoologica: Scientific Contributions of the New York Zoological Society. Vol. 6, No. 1: Studies of a Tropical Jungle, One Quarter of a Square Mile of Jungle at Kartabo, British Guiana. By William Beebe. (Department of Tropical Research, Contribution No. 190.) Pp. 193. (New York.) 1 dollar.
- Scientific Papers of the Institute of Physical and Chemical Research. Nos. 57-58: On the Plasticity of Metals, Part 1, by Hikoroku Shōji; On the Plasticity of Metals at High Temperatures, Part 2, by Hikoroku Shōji and Yoshio Mashiyama. Pp. 189-206. 25 sen. No. 59: Über die Konstitution der durch Hydrolyse von Rohrzucker entstehenden β -Säure (Dioxychinolin-Carbonsäure). Von Yoshikazu Sahashi. Pp. 207-234. 30 sen. No. 60: The Influence of Cholesterol upon the Reproductive Potency of White Rats. By Umetero Suzuki and Nabetaro Hashimoto. Pp. 235-256. 25 sen. No. 61: About the Transference of Active States and the Mechanism of Catalytic Action. By Susumu Miyamoto. Pp. 257-262. 15 sen. No. 62: Analysis of the Alkali Group. By Sunao Ato and Isaburo Wada. Pp. 263-294. 35 sen. (Tokyo.)
- New York Zoological Society. Report of the Director of the Aquarium. (Reprinted from the Thirtieth Annual Report of the New York Zoological Society.) Pp. 14. (New York City.)
- Department of Commerce: Bureau of Standards. Scientific Papers of the Bureau of Standards. No. 523: Wind Pressures on Structures. Part 1: General Discussion on Wind Pressure Data; Part 2: Distribution of Pressure over a Model of a Tall Building. By Hugh L. Dryden and George C. Hill. Pp. 697-732. 20 cents. No. 524: Measurements on the Thermal Expansion of Fused Silica. By Wilmer Souder and Peter Hidner. Pp. 23. 10 cents. No. 526: Transmission and Absorption of Sound by some Building Materials. By E. A. Eckhardt and V. L. Chrisler. Pp. 37-63. 15 cents. (Washington, D.C.: Government Printing Office.)

- Annals of the Natal Museum. Edited by Dr. Ernest Warren. Vol. 5, Part 3, May. Pp. 235-448+plates 15-25. (London: Adlard and Son and West Newman, Ltd.) 17s. 6d. net.
- Edinburgh and East of Scotland College of Agriculture. New Series, No. 1: A Pure Milk Supply. By A. Cunningham and T. Gibson. Pp. 21. (Edinburgh.)
- Proceedings of the United States National Museum. Vol. 68, Art. 25: Amphipods of the Family *Bateiidae* in the Collection of the United States National Museum. By Clarence R. Shoemaker. (No. 2626.) Pp. 26. Vol. 69, Art. 1: A new Species of Fluke, *Parametorchis noveboracensis*, from the Cat in the United States. By See-Lü Hung. Pp. 2. (Washington, D.C.: Government Printing Office.)
- The Physical Society of London. Proceedings, Vol. 38, Part 4, June 15. Pp. 277-336. (London: Fleetway Press, Ltd.) 6s. net.
- Memoirs of the Department of Agriculture in India. Chemical Series, Vol. 8, No. 9: Nutrients required for Milk Production with Indian Food-stuffs. By F. J. Worth, Asst.-Prof. Labh Singh and S. M. Husain. Pp. 153-187. (Calcutta: Government of India Central Publication Branch.) 14 annas; 1s. 6d.
- Government of Madras: Local Self-Government Department (Public Health). Report of the Chemical Examiner's Department for the Year 1925. Pp. 13. (Madras: Government Press.)
- Report of the Department of Industries, Madras, for the Year ended 31st March 1925. Pp. v+102. (Madras: Government Press.) 6 annas.
- Meddelanden från Statens Skogsforsöksanstalt. Häfte 22, Nr. 3: Till Kottklängningens teori och praxis (Zur Theorie und Praxis des Klengprozesses). Av Lars-Gunnar Romel. Pp. 125-144. Häfte 22, Nr. 4: Tillväxtprocentens Beräkning (The Calculation of the Increment percent with the Method of Compound Interest). Av Sven Pettrini. Pp. 145-168. Häfte 22, Nr. 5: Studier över Barrensagens Humustäcke, dess Egenskaper och Beredande av Skogsvården (Studien über die Humusdecke des Nadelwaldes, ihre Eigenschaften und deren Abhängigkeit vom Waldbau). Av Henrik Hesselman. Pp. 169-552. Häfte 22, Nr. 6: Om Uppskattningen på Försöksparkerna, av Sven Pettrini; Redogörelse för Verksamheten vid Statens Skogsforsöksanstalt under år 1925. Pp. 553-590. (Stockholm: Centraltryckeriet.)

Diary of Societies.

AUGUST 4 TO 11.

- BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Oxford). *Wednesday, August 4* (in Sheldonian Theatre), at 8.30 P.M.—H.R.H. The Prince of Wales: Presidential Address.
- Thursday, August 5*.—At 10 A.M.—Addresses by Sectional Presidents: B.—Prof. J. F. Thorpe, F.R.S.: The Scope of Organic Chemistry.—C.—Prof. S. H. Reynolds: Progress in the Study of the Lower Carboniferous (Avonian) Rocks of England and Wales.—F.—Sir Josiah Stamp: Inheritance as an Economic Factor.—K.—Prof. F. O. Bower: 1860-1894-1926.
- At 11 A.M.—Addresses by Sectional Presidents: E.—Hon. W. Ormsby-Gore: The Economic Development of Africa and its effect on the Native Population.—I.—Prof. J. B. Leathes: Function and Design.—Discussion (Section M): Cultivation Methods.
- At 2.—Conference of Delegates of Corresponding Societies.—Sir John Russell: Regional Survey (Presidential Address).
- At 2.15.—Dr. F. A. Dixey: Recent Criticisms of the Theory of Mimicry (Lecture).
- At 2.30.—Discussion (Sections E, H): The Effect on African Native Races of Contact with European Civilisation.—Discussion (Section M): Soil Classification.
- At 5.—Discussion: (Sections L, M): Educational Training for Overseas Life.
- 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 IM): 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.