

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Monday, Oct. 15

UNIVERSITY OF LEEDS, at 5.15.—Prof. C. Burt: "The Backward Child."*

Tuesday, Oct. 16

UNIVERSITY COLLEGE, LONDON, at 5.—Prof. L. J. Henderson: "Physiological Equilibrium" (succeeding lectures on October 17 and 18).*

EUGENICS SOCIETY, at 5.15—(at the Linnean Society, Burlington House, London, W.1).—Prof. F. C. S. Schiller: "Ant-Men or Super-Men."*

KING'S COLLEGE, LONDON, at 5.30.—H. R. Lupton: "Pumping Machinery as Developed to meet Modern Conditions" (succeeding lectures on October 23 and 30).*

INSTITUTION OF ELECTRICAL ENGINEERS, at 5.30.—Dr. W. Estorff: "Extra High Tension Engineering Practice (200 KV and upwards) with Special Reference to Power Transmission and Control" (succeeding lectures on October 17, 19, 22, 24 and 26).*

Thursday, Oct. 18

CHEMICAL SOCIETY, at 8—(at the Royal Institution, London, W.1).—Prof. P. M. S. Blackett: "Induced Radioactivity."

Friday, October 19

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS, at 6—(in the lecture theatre, Literary and Philosophical Society, Newcastle-upon-Tyne).—Annual General Meeting. John T. Batey: Presidential Address.

SCOTTISH NATIONAL CONFERENCE ON THE PLACE OF BIOLOGY IN EDUCATION, Oct. 19.—Organised by the British Social Hygiene Council. To be held at City Chambers, Edinburgh.

Official Publications Received

GREAT BRITAIN AND IRELAND

Technical Publications of the International Tin Research and Development Council. Series A, No. 1: The Electrodeposition of Tin from Sodium Stannate Solutions with the Use of Insoluble Anodes. By A. W. Hotherhall, S. G. Clarke and D. J. Macnaughtan. Pp. ii+101-124. Series A, No. 3: A Microscopic Examination of Iron-Tin Reaction Products. By Dr. W. D. Jones and W. E. Hoare. Pp. 4+2 plates. Series A, No. 4: The Corrosion of Tin and its Alloys. Part 1: The Tin-Rich, Tin-Antimony-Copper Alloys. By Dr. T. P. Hoar. Pp. 201-214+2 plates. Series A, No. 5: The Electro-Chemical Behaviour of the Tin-Iron Couple in Dilute Acid Media. By Dr. T. P. Hoar. Pp. 472-482. Series A, No. 8: The Improvement of White Bearing Metals for Severe Service; Some General Considerations. By D. J. Macnaughtan. Pp. 285-299+1 plate. Series A, No. 9: The Behaviour of White Bearing Metals when subjected to various Deformation Tests. Part 1: Indentation Tests, by A. S. Kenneford and Dr. Hugh O'Neill; Part 2: Tensile Tests, by R. Arrowsmith; Part 3: Pounding Tests, by H. Greenwood. Pp. 301-339+6 plates. Series A, No. 10: Some Properties of Tin containing small amounts of Silver, Iron, Nickel or Copper. By Prof. D. Hanson, E. J. Sandford and H. Stevens. Pp. 341-357. Series C, No. 1: The Féry-Carbone Dry Tin Accumulator. By Prof. C. J. V. Féry. Pp. 5. (London: International Tin Research and Development Council.)

Sir John Cass Technical Institute. Syllabus of Classes, Session 1934-35. Pp. 116. (London.)

Experimental Researches and Reports published by the Department of Glass Technology, The University, Sheffield. Vol. 16, 1933. Pp. iii+180+3 plates. (Sheffield.) 7s. 6d.

Board of Education: Science Museum. Technical Pamphlet No. 2: The Automatic Telephone; a Brief Description of the Processes involved in making a Call on the Automatic Systems of the British Post Office. By W. T. O'Dea. Pp. 13+5 plates. (London: H.M. Stationery Office.) 6d.

The Edinburgh and East of Scotland College of Agriculture. Calendar for 1934-1935. Pp. 93. (Edinburgh.)

Proceedings of the Royal Society of Edinburgh. Vol. 54, Part 2, No. 15: The Structure and Relationships of Lamellibranchs possessing a Cruciform Muscle. By Alastair Graham. Pp. 158-187. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 2s. 6d.

OTHER COUNTRIES

Agricultural Experiment Station of the Rhode Island State College. Bulletin 244: A Hemophilic Bacillus as the Cause of an Infectious Rhinitis. By J. P. Delaplaine, L. E. Erwin and H. O. Stuart. Pp. 12. (Kingston, R.I.)

Exhibition of First Editions of Epochal Achievements in the History of Science (on Display at the University Library). Pp. 48. (Berkeley, Calif.: University of California Press; London: Cambridge University Press.) 30 cents; 1s. 6d.

The Journal of the Indian Mathematical Society. Vol. 20: Silver Jubilee Commemoration Volume. Pp. x+248+2 plates. (Trichinopoly: Indian Mathematical Society.)

Punjab Irrigation Research Institute. Research Publication, Vol. 6, No. 1: A Gravitational Survey of the Sub-Alluvium of the Jhelum-Chenab-Ravi Doabs, and its Application to Problems of Water-logging. By B. H. Wilsdon and Dr. N. K. Bose. Pp. 44+17 plates. (Calcutta: Punjab Irrigation Research Institute.) 5 rupees; 7s. 6d.

Summary Proceedings of the Twenty-eighth Meeting of the Indian Central Cotton Committee, Bombay, held on the 29th and 30th January 1934. Pp. 84. (Bombay.)

The Indian Forest Records. Vol. 20, Part 8: Immature Stages of Indian Coleoptera, 15 (Scolytidae). By J. C. M. Gardner. Pp. 17+2 plates. (Delhi: Manager of Publications.) 8 annas; 10d.

Department of Agriculture: Straits Settlements and Federated Malay States. General Series, No. 17: Fodders and Feeding Stuffs in Malaya. By C. D. V. Georgi. Pp. iii+35. (Kuala Lumpur.) 50 cents.

Forest Bulletin No. 84: The Identification of the Commercial Timbers of the Punjab. By K. Ahmad Chowdhury. Pp. vii+70+23 plates. (Delhi: Manager of Publications.) 3 rupees; 5s. 3d.

Publications of the South African Institute for Medical Research. Vol. 6, No. 33: Entomological Studies; Studies on Insects of Medical Importance in South Africa. By Dr. Botha De Meillon. Pp. 249-308. (Johannesburg.)

Union of South Africa: Department of Mines: Geological Survey. The Geology of the Country between Springs and Bethal; an Explanation of Sheet No. 51 (Bethal). By F. A. Ventner, with a Chapter on Underground Water Supplies, by H. F. Frommurze. Pp. 87. (Pretoria: Government Printer.) 5s. (including Map).

Hamburger Sternwarte in Bergedorf. Zweites Bergedorf Sternverzeichnis 1930.0. Nachtrag enthaltend die mittleren Orter von 671 Sternen (Eros-Anhaltsternen 1. Ordnung für die Opposition 1930-31) nach photographischen Aufnahmen mit dem AG-Astrographen in den Jahren 1930 und 1931. Herausgegeben von Dr. Richard Schorr. Pp. ii+81-92. (Bergedorf.)

The Indian Forest Records. Vol. 20, Part 7: Methods of Testing the Susceptibility of Timbers to Termite Attack. By Cedric Dover and R. N. Mathur. Pp. iii+20. 5 annas; 6d. Vol. 20, Part 9: Entomological Investigations on the Spike Disease of Sandal, (24) Pentatomidae (Hemipt.). By N. C. Chatterjee. Pp. ii+31. 10 annas; 1s. 6d. (Delhi: Manager of Publications.)

Records of the Survey of India. Vol. 25: Surveys in Swat, Chitral and Gilgit and neighbouring Territories carried out by 'A' Survey Company from 1925 to 1931. By Lieut.-Col. C. G. Lewis. Pp. vi+47. (Dehra Dun: Survey of India.) 1,8 rupees; 2s. 6d.

Gold Coast Colony. Report on the Gold Coast Survey for the Year April 1933 to March 1934. Pp. ii+16+2 plates. (Accra: Government Printing Office; London: Crown Agents for the Colonies.) 2s.

Commonwealth of Australia: Bureau of Meteorology, Melbourne. Bulletin No. 18: Foreshadowing Monsoonal Rains in Northern Australia. By H. M. Treloar. Pp. 29. (Melbourne: Government Printer.)

A Further Account of the Anti-Tsetse Campaign in Tanganyika Territory by Officers of the Tsetse Research Department. Pp. 32. (Shinyanga: Department of Tsetse Research.)

Tanganyika Territory: Department of Agriculture. Annual Report, 1933. Pp. ii+118. (Dar es Salaam: Government Printer.) 2s. 6d.

Uganda Protectorate. Annual Report and Bulletin of the Geological Survey Department for the Year ended 31st December 1933. Pp. 93. (Entebbe: Geological Survey.) 4s.

Fiskeridirektoratets Skrifter, Serie Havundersøkelser (Report on Norwegian Fishery and Marine Investigations). Vol. 4, No. 9: Animal Plankton of the Norwegian Coast Waters and the Open Sea. 1: Production of *Calanus finmarchicus* (Gunner) and *Calanus hyperboreus* (Krøyer) in the Lofoten Area. By Jacob D. Semme. Pp. 163. (Bergen: A.-S. John Griegs Boktrykkeri.)

Geophysikalisches Institut der Universität, Leipzig. Über Niederschlagsperioden in den gemässigten Zonen der Erde: eine Bestätigung der Ergebnisse Defants in der Abhandlung: Die Veränderungen in der allgemeinen Zirkulation der Atmosphäre in den gemässigten Breiten der Erde (Wiener Sitzungsberichte 121, I, 1912). Von Dr. Walter Preusche. Pp. iv+72. Ein Beitrag zur 16 jährigen Klimaschwankung. Von Gerhard Seidel. Pp. iii+58. Veröffentlichungen des Geophysikalischen Instituts der Universität Leipzig. Serie 2: Spezialarbeiten aus dem Geophysikalischen Institut. Band 6, Heft 2: Einfluss der Grosstadttrübung auf Sicht und Sonnenstrahlung. Von Fritz-Holm Bielich. Pp. 69-119. (Leipzig.)

CATALOGUES

Astronomical and Optical Instruments. (Publication No. 9.) Pp. 68. (Newcastle-on-Tyne: Sir Howard Grubb, Parsons and Co., Ltd.) Recent Developments in the Electrodeposition of Nickel. By A. W. Hotherhall. (Nickel, L5). Pp. 12. (London: The Mond Nickel Co., Ltd.)

Books for Everybody at Reduced Prices. (Catalogue 437.) Pp. 48. (Cambridge: W. Heffer and Sons, Ltd.)

pH Acidity and Alkalinity. (Folder No. 42.) Pp. 6. (London: Cambridge Instrument Co., Ltd.)

The Wild-Barfield Heat-Treatment Journal. Vol. 1, No. 2, September. Pp. 15-27+v. (London: Wild-Barfield Electric Furnaces, Ltd.)