

International Hydrographic Bureau. Special Publication No. 13: Tide Predicting Machines. Pp. 110+34 plates. (Monaco.) 0.50 Swiss fr.
Denkschriften der Schweizerischen Naturforschenden Gesellschaft: Mémoires de la Société Helvétique des Sciences naturelles. Band 62: Vol. 62. Pp. viii+344. (Zürich: Schweizerischen Naturforschenden Gesellschaft.)

Prospectus of University Courses in the Municipal College of Technology, Manchester. Session 1926-27. Pp. 296. (Manchester.)

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 78. The Blattidae of French Guiana. By Morgan Hebard. Pp. 135-244+plates 12-17. (Philadelphia, Pa.)

R. Osservatorio Astrofisico di Catania. Annuario 1926. Pp. 39. Catalogo Astrofotografico Internazionale 1900-0. Zona di Catania fra le declinazioni +46° e +55°. Vol. 2, Parte 2a: Declinaz. da +47° a +49°, ascens. retta da 3^h a 6^h. (Fascicolo N. 10.) Pp. viii+48. L'Attività del sole nell'anno 1925. Per G. A. Favaro. Pp. 16. (Catania: R. Osservatorio Astrofisico.)

Proceedings of the Imperial Academy. Vol. 2, No. 6, June. Pp. xix-xx+241-295. (Ueno Park, Tokyo.)

Annals of the (Mededelingen van het) Transvaal Museum. Vol. 11, Part 4: Some Changes in Nomenclature, New Records of Migrants and New Forms of S. African Birds, by Austin Roberts; Descriptions of some S. African Birds' Eggs, by Austin Roberts; Some new S. African Mammals and some Changes in Nomenclature, by Austin Roberts; The Dolichopodid Genus *Diaphorus* in South Africa, by C. Howard Curran; The Ethiopian *Cerceris* species, by Dr. H. Brauns; The Sphegidae of South Africa, Part 7, by Dr. George Arnold. Pp. 217-376+plates 40-44. (Pretoria: Transvaal Museum.)

Proceedings of the Indian Association for the Cultivation of Science. Conducted by Prof. C. V. Raman. Vol. 10, Part 1. Pp. 96+4 plates. (Calcutta.) 3 rupees; 4s.

The Indian Forest Records. Entomology Series, Vol. 12, Part 10: On some Indian Coleoptera. Part i: Description of a New Species of Fornax from India (Melasidae, Col.), by E. Fleutiaux; Part ii: (a) Description of the Early Stages of Fornax gardneri Fleut. (Melasidae, Col.), (b) Description of the Larva of Atractocerus emarginatus Cast. (Lymexylonidae, Col.), by J. C. M. Gardner. Pp. 271-282+1 plate. (Calcutta: Government of India Central Publication Branch.) 4 annas; 5d.

The Scientific Proceedings of the Royal Dublin Society. Vol. 18 (N.S.), No. 27: Studies on Peat. Part 1: The Thermal Decomposition of Peat under Reduced Pressure. By Dr. Joseph Reilly and Gerald Pyne. Pp. 329-341. 1s. Vol. 18 (N.S.), No. 28: Velocity of Formation of 3:5 Dimethylpyrazole-4-Diazonium Chloride. By Dr. Joseph Reilly and Honour E. Bastible. Pp. 343-349. 6d. (Dublin: Royal Dublin Society; London: Williams and Norgate, Ltd.)

Papers from the Geological Department, Glasgow University. Vol. 8 (Quarto papers from 1924 to 1925). Pp. iii+164+6 plates. Vol. 9, 1925. Pp. iii+149. (Glasgow: Jackson, Wylie and Co.)

International Hydrographic Bureau. Special Publication No. 14: Echo Sounding, iv. Pp. 28+20 plates. (Monaco.) 50 Swiss centimes.

Report of the Government Chemist upon the Work of the Government Laboratory for the Year ending 31st March 1926 (with Appendices). Pp. 37. (London: H.M. Stationery Office.) 1s. 6d. net.

Apia Observatory, Samoa. Report for 1923. Pp. 73. (Wellington, N.Z.: W. A. G. Skinner.)

The Journal of the Institution of Petroleum Technologists. Decennial Index, Volume 1 to 10, 1914 to 1924. Compiled by George Sell. Pp. 116. (London.) 7s. 6d.

Svenska Hydrografisk- Biologiska Kommissionens Fyrskjeppsundersökning år 1925. Pp. 43. (Göteborg: Elanders Boktryckeri A.-B.)

Field Museum of Natural History. Anthropology, Memoirs, Vol. 1, No. 1: Report on the Excavation of the "A" Cemetery at Kish, Mesopotamia, Part 1. By Ernest Mackay. (Field Museum—Oxford University Joint Expedition.) Pp. 63+20 plates. Report Series, Vol. 6, No. 5: Annual Report of the Director to the Board of Trustees for the Year 1925. (Publication 235.) Pp. 385-525+plates 63-79. (Chicago, Ill.)

Proceedings of the American Philosophical Society held at Philadelphia for Promoting Useful Knowledge. Vol. 65, No. 1. Pp. xxxii+67+4 plates. (Philadelphia, Pa.)

Cornell University: Agricultural Experiment Station. Memoir 92: The Flora of the Cayuga Lake Basin, New York; Vascular Plants. By Karl M. Wiegand and Arthur J. James. Pp. 491. (Ithaca, N.Y.)

Department of Commerce: Bureau of Standards. Scientific Papers of the Bureau of Standards, No. 625: A Unicentral High-Frequency Radio Direction Finder. By F. W. Dunmore. Pp. 23-35. (Washington, D.C.: Government Printing Office.)

Diary of Societies.

SATURDAY, OCTOBER 2.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (South Midland District) (at Icknild Hall, Letchworth), at 11 A.M.—G. T. Hill and others: Discussion on Letchworth, its Ideals and Municipal Undertakings.

INSTITUTE OF BRITISH FOUNDRYMEN (Lancashire Branch) (at 90 Deansgate, Manchester), at 4.—S. G. Smith: Notes on Foundry Practice.

ELECTRICAL ASSOCIATION FOR WOMEN.—Visit to All-Electric Farm of Mr. Borlase Matthews, Greater Felcourt, East Grinstead.

MONDAY, OCTOBER 4.

SOCIETY OF ENGINEERS (at Geological Society), at 5.30.—Capt. W. J. Liberty: The History of Artificial Lighting.

INSTITUTION OF AUTOMOBILE ENGINEERS (The College, Loughborough) (Loughborough Graduates' Centre), at 7.

SOCIETY OF CHEMICAL INDUSTRY (London Section) (at Chemical Society), at 8.—Dr. E. K. Rideal: Recent Advances in Catalysis.

INSTITUTION OF THE RUBBER INDUSTRY (London Section) (at Engineers' Club, Coventry Street, W.), at 8.—Dr. E. A. Hauser: The Problem of Rubber Latex Concentration and the Industrial Application of Concentrated Latexes.

TUESDAY, OCTOBER 5.

INSTITUTION OF HEATING AND VENTILATING ENGINEERS (at Caxton Hall, Westminster), at 7.—A. H. Barker: Panel Heating.

INSTITUTE OF METALS (North-East Coast Local Section) (at Armstrong College, Newcastle-on-Tyne), at 7.30.—Dr. C. J. Smithells: Preparation and Metallography of Metal Filaments.

INSTITUTION OF AUTOMOBILE ENGINEERS (at Royal Automobile Club), at 8.—H. K. Thomas: The Debt of the Country to the Automobile (Presidential Address).

WEDNESDAY, OCTOBER 6.

INSTITUTION OF SANITARY ENGINEERS (at Caxton Hall, Westminster), at 6.30.—G. B. Chilvers: Housing Problems, with special reference to Subsidies and Rural Needs.

INSTITUTION OF AUTOMOBILE ENGINEERS (Western Centre) (at Merchant Venturers' Technical College, Bristol), at 6.45.—H. K. Thomas: The Debt of the Country to the Automobile (Presidential Address).

INSTITUTION OF THE RUBBER INDUSTRY (Birmingham Section) (at Grand Hotel, Birmingham), at 7.—Dr. E. A. Hauser: What is Rubber?

SOCIETY OF CHEMICAL INDUSTRY (Glasgow Section) (at 20 Trongate, Glasgow), at 7.15.—The Functions and Scope of our Society—Discussion opened by Chairman.—Demonstration of Lighting.—Q. Moore, Jun.: Notes on the Testing of Disinfectants by the Rideal-Walker Method.

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at Chemical Society), at 8.—A. Chaston Chapman: On the Presence of Compounds of Arsenic in Marine Crustaceans and Shell Fish.—A. R. Tankard and D. G. T. Bagnall: The Examination of Fish for Formaldehyde.—K. Sandved: Potentiometric Titration of Tin with Potassium Bromate.—R. R. T. Young: The Determination of Nicotine in Tobacco.

THURSDAY, OCTOBER 7.

HOSPITAL FOR SICK CHILDREN (Great Ormond Street), at 4.—Dr. Cockayne: Rickets as it is seen to-day.

ROYAL INSTITUTE OF BRITISH ARCHITECTS, at 7.30.—L. S. Gullivan: Informal Illustrated Lecture on Architecture for Workers in the Building Trades:—The Job.

SOCIETY OF CHEMICAL INDUSTRY (Bristol Section) (in Chemical Department, Bristol University), at 7.30.—F. H. Carr: Insulin and its Manufacture.

ROYAL AERONAUTICAL SOCIETY (at Royal Society of Arts), at 8.30.—The Master of Sempill: Aero Engine Fuels of To-day and To-morrow.

FRIDAY, OCTOBER 8.

JUNIOR INSTITUTION OF ENGINEERS, at 7.30.—N. J. Griffin: A Survey of Modern Airless Injection Oil Engines.

SATURDAY, OCTOBER 9.

BIOCHEMICAL SOCIETY (at Cambridge).

PUBLIC LECTURES.

SUNDAY, OCTOBER 3.

GUILDHOUSE (Eccleston Square, S.W.1), at 3.30.—Sir Richard Gregory: The Worth of Science.

MONDAY, OCTOBER 4.

UNIVERSITY COLLEGE, at 5.—R. J. Lythgoe: The Special Senses. (Succeeding Lectures on October 6, 11, 13, 18, 20, 25, and 27.)

WEDNESDAY, OCTOBER 6.

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE, at 6.—G. Wood: Calculating Machines.

UNIVERSITY COLLEGE, at 7.—A. H. Barker: The Engineering Plant of University College Hospital.

THURSDAY, OCTOBER 7.

BEDFORD COLLEGE FOR WOMEN, at 2.—Prof. Wilson: Introduction to Physics.

UNIVERSITY COLLEGE, at 2.30.—Sir Flinders Petrie: Influences of Egyptian Art.—At 5.15.—Dr. T. G. Pinches: Recent Discoveries in Babylonia. (Succeeding Lectures on October 14 and 21.)

KING'S COLLEGE, STRAND, at 5.—Dr. C. Da Fano: Histology of Nerve Tissues and Paths of Conduction in the Central Nervous System. (Succeeding Lectures on October 14, 21, 28, November 4, 11, 18, 25, December 2 and 9.)—At 5.30.—Prof. E. V. Appleton: Wireless Telegraphy. (Succeeding Lectures on October 14 and 21.)

FRIDAY, OCTOBER 8.

UNIVERSITY COLLEGE, at 5.—R. K. Cannan: Biological Oxidation-Reduction. (Succeeding Lectures on October 15, 22, 29, November 5, 12, 19, and 26.)

SATURDAY, OCTOBER 9.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Mrs. Robert Aitken: Life in a Red Indian Family.

SUNDAY, OCTOBER 10.

GUILDHOUSE (Eccleston Square, S.W.1), at 3.30.—Dr. Bernard Hollander: Sound and Unsound Mind.

CONGRESSES.

OCTOBER 13 TO 26.

GERMAN SOCIETY FOR THE STUDY OF DISEASES OF DIGESTION AND METABOLISM (at Berlin).

OCTOBER 25 TO 28.

ITALIAN CONGRESS OF SURGERY (at Padua).