

Forthcoming Events

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

Sunday, October 28

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.
Dr. A. T. Hopwood: "Geological Galleries".*

Tuesday, October 30

ROYAL INSTITUTION, at 5.15.—Olaf Bloch: "Progress and Problems in Photography".

THE EUGENICS SOCIETY, at 5.15—(at the Linnean Society, Burlington House, London, W.1). Prof. H. Muckermann: "The Eugenic Movement in Germany".*

BEDFORD COLLEGE, LONDON, at 5.15.—Dr. Edwin Deller: "Some Principles of University Administration" (Stevenson Lecture).

Thursday, November 1

ROYAL SOCIETY, at 4.30.—Discussion on "The John Murray Expedition". Opening address by Lieut.-Col. R. B. Seymour Sewell.

LONDON (R.F.H.) SCHOOL OF MEDICINE FOR WOMEN, at 5.30. Prof. G. Barger: "Some Chemical Problems related to Pharmacology" (succeeding lectures on November 2 and 9).*

Friday, November 2

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—C. Day: Presidential Address.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS.—Sir Arthur W. Johns: "Recent Progress in Naval Architecture" (Third Andrew Laing Lecture).

ROYAL INSTITUTION, at 9.—Dr. F. W. Aston: "Elements and Isotopes".

Official Publications Received

GREAT BRITAIN AND IRELAND

The Royal Technical College, Glasgow. Calendar for the One Hundred and Thirty-ninth Session, 1934-1935. Pp. 460+xxiv. (Glasgow.)

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1590 (T. 3410, Part 2): An Experimental Investigation of the Wake behind an Elliptic Cylinder. By Dr. G. J. Richards. Pp. 6+6 plates. 9d. net. No. 1591 (S. 174): Full Scale Water Resistance in Steady and Accelerated Motion. By E. T. Jones. Pp. 30+16 plates. 1s. 9d. net. No. 1594 (S. and C. 590): Landing and Take-off Speeds of Aeroplanes. By R. S. Capon. Pp. 7+2 plates. 6d. net. (London: H.M. Stationery Office.)

Empire Cotton Growing Corporation. Second Conference on Cotton Growing Problems, July 1934: Report and Summary of Proceedings. Pp. 340. (London: Empire Cotton Growing Corporation.) 2s. 6d.

Directory for the British Glass Industry. Compiled by G. S. Duncan. Third edition. Pp. 412. (Sheffield: Society of Glass Technology.) 4s.; to Members of the Society, 3s. 6d.

University of Manchester: Faculty of Technology. Prospectus of University Courses in the Municipal College of Technology, Manchester, Session 1934-35. Pp. 396. (Manchester.)

Reports of the Imperial Economic Committee. Twenty-eighth Report: Maize. Pp. 60. (London: H.M. Stationery Office.) 1s. net.

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1522 (T. 3288): Interference between Bodies and Aircrafts, Part 2. By C. N. H. Lock and H. Bateman. Pp. 27+3 plates. 1s. 6d. net. No. 1584 (T. 3329 and "B"): Effect of a Contraction on the Turbulence in a Fluid Stream. By A. Fage. Pp. 8+2 plates. 6d. net. No. 1587 (S. and C. 540 and "b", 567): Wind Tunnel Tests on (1) Frise Aileron with Raised Nose, (2) Hartshorn Ailerons with Twisted Nose. By A. S. Hartshorn and F. B. Bradfield. Pp. 13+8 plates. 9d. net. (London: H.M. Stationery Office.)

Proceedings of the Royal Irish Academy. Vol. 42, Section C, No. 7: Studies in the Significance of the Irish Stone Age: The Campanian Question. By C. Blake Whelan. Pp. 121-143. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s.

Ministry of Agriculture and Fisheries: Fisheries—England and Wales. Salmon and Freshwater Fisheries: Report for the Year 1933. Pp. 44+6 plates. (London: H.M. Stationery Office.) 1s. 3d. net. Recommendations of the British X-Ray and Radium Protection Committee. Fourth revised Report (June 1934). Pp. 10. (London: Prof. S. Russ, Middlesex Hospital.)

Aeronautical Research Committee. Report for the Year 1933-34. Pp. iv+89+4 plates. (London: H.M. Stationery Office.) 1s. 6d. net.

OTHER COUNTRIES

Memoirs of the American Academy of Arts and Sciences. Vol. 17, No. 2: The Wood-Feeding Roach *Cryptocercus*, its Protozoa and the Symbiosis between Protozoa and Roach. By L. R. Cleveland, in collaboration with S. R. Hall, Elizabeth P. Sanders and Jane Collier. Pp. x+185-342+60 plates. (Boston, Mass.)

Bulletin of the Bingham Oceanographic Collection. Vol. 4, Art. 6: Report on Experimental Use of a Triangular Trawl for Bathypelagic Collecting, with an Account of the Fishes obtained and a Revision of the Family Cetomimidae. By Albert Eide Parr. Pp. 59. Vol. 4, Art. 7: Littoral Penaeidea chiefly from the Bingham Oceanographic Collection, with a Review of *Penaeopsis* and Descriptions of Two New Genera and Eleven New American Species. By Martin David Burkenroad. Pp. 109. (New Haven, Conn.)

Field Museum of Natural History. Botany Leaflet No. 17: Common Weeds. By Paul C. Standley. Pp. 32. (Chicago.) 25 cents.

U.S. Department of Agriculture. Technical Bulletin No. 376: Habits, Life History and Control of the Mexican Bean Beetle in New Mexico. By J. R. Douglass. Pp. 46. (Washington, D.C.: Government Printing Office.) 5 cents.

Brooklyn Botanic Garden Record. Vol. 23, No. 4: Prospectus of Courses, Lectures and other Educational Advantages offered to Members and to the General Public, 1934-35. Pp. xi+211-246. (Brooklyn, N.Y.: Brooklyn Institute of Arts and Sciences.)

National Research Council of Japan. Report, Vol. 2, No. 2, April 1932-March 1933. Pp. iii+71-144. (Tokyo.)

Report of the First Scientific Expedition to Manchoukou under the Leadership of Shigeyasu Tokunaga, June-October 1933. Section 2, Part 1: Report of Diggings at Ho-Chia-Kou, Ku-Hsiang-Tung, Kirin, Manchoukou. By Shigeyasu Tokunaga and Nobuo Naora. Pp. iii+119+7+42 plates. (Tokyo: Waseda University.)

Union Internationale de Chimie. Premier Rapport de la Commission Permanente de Thermochimie. Texte de W. Swietoslowski et L. Keffler. Traduction allemande de W. A. Roth; Traduction anglaise de L. Keffler. Pp. 32. (Paris: Union Internationale de Chimie.)

Tanganyika Territory: Department of Geological Survey. Annual Report, 1933. Pp. iii+60. (Dar es Salaam: Government Printer.) 2s. 6d.

Colony of Mauritius: Department of Agriculture. Eighth Progress Report, being the Fourth Annual Report of the Sugarcane Research Station, Mauritius, for the Year 1933. Pp. 53+8 plates. (Port Louis: Government Printer.)

Smithsonian Miscellaneous Collections. Vol. 91, No. 16: Reports on the Collections obtained by the First Johnson-Smithsonian Deep-Sea Expedition to the Puerto Rican Deep—New Marine Mollusks. By Lois F. Corea. (Publication 3258). Pp. 9+3 plates. (Washington, D.C.: Smithsonian Institution.)

U.S. Department of the Interior: Office of Education. Bulletin, 1934, No. 4: The Welfare of the Teacher. By Dr. James Frederick Rogers. Pp. v+69. 10 cents. Leaflet No. 38: Instruction in the Effects of Alcohol and Tobacco. By Dr. James Frederick Rogers. Pp. 7. 5 cents. Pamphlet No. 53: Statistics of High Schools in Larger Cities. By Carl A. Jessen; Statistical Work by Lula M. Comstock. Pp. 11. 5 cents. (Washington, D.C.: Government Printing Office.)

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 738: Surface Water Supply of the United States, 1932. Part 12: North Pacific Slope Basins. B: Snake River Basin. Pp. vii+197. 15 cents. Circular 10: The McCoy Mining District and Gold Veins in Horse Canyon, Lander County, Nevada. Papers by F. C. Schrader. Pp. ii+13. Circular 11: Review of the Petroleum Industry in the United States, April 1934. Compiled by Hale B. Soyster, in collaboration with G. B. Richardson, R. W. Richards, Foster Morrell, H. C. Fowler, G. R. Hopkins, A. J. Kraemer, A. C. Fieldner and H. J. Struth. Pp. iii+50. (Washington, D.C.: Government Printing Office.)

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions, Vol. 90: Size-Limits for Fish and Regulations of the Meshes of Fishing Nets; Reports of the Proceedings of the Special Biological Meeting held on June 4th and 5th, 1934, at Copenhagen. Pp. xv+61. (Copenhagen: Andr. Fred. Høst et fils.) 3.00 kr.

Report of the Aeronautical Research Institute, Tôkyô Imperial University. No. 109: Magnetic Pressure-Indicator for Internal-Combustion Engines. By Tatuo Kobayasi and Sumio Sakuma. Pp. 35. 30 sen. No. 110: On the Characteristics of Microphones, Part 1: The Amplitude and Frequency Characteristics. By Kôzi Satô, Heizi Kawai and Rinzi Tate. Pp. 37-61. 25 sen. (Tôkyô: Koseikai Publishing House.)

Suomen Geodeettisen Laitoksen Julkaisuja; Veröffentlichungen des Finnischen Geodätischen Institutes. No. 20: Die Länge der Versuchsbasis von Helsinki und Längenveränderungen der Invardrähte 634-637. Von Ilmari Bonsdorff. Pp. 41. (Helsinki.)

Carnegie Institution of Washington. Publication No. 448: Chan Kom, a Maya Village. By Robert Redfield and Alfonso Villa R. Pp. viii+387+16 plates. (Washington, D.C.: Carnegie Institution.)

Svenska Hydrografisk-Biologiska Kommissionens Fyrskapsundersökning år 1932. Pp. 62. Svenska Hydrografisk-Biologiska Kommissionens Skrifter. Ny serie, Hydrografi 11: Observations de courants dans la Baltique 1931. Par T. Gustafson et B. Otterstedt. Pp. 12+xvi. (Borå.)

CATALOGUES

Ephedrine B.D.H. Pp. 10. (London: The British Drug Houses, Ltd.)

The Newton British Made Epidiascopes. Pp. 20. (London: Newton and Co.)

Sands, Clays and Minerals. Vol. 2, No. 11, August. Pp. 124. (Chatteris: Algonon Lewin Curtis.)

Dawson's Periodica. (Catalogue N.S. No. 15.) Pp. 28. (London: Wm. Dawson and Sons, Ltd.)

Watson's Microscope Record. No. 33, September. Pp. 24. (London: W. Watson and Sons, Ltd.)