

Forthcoming Events

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

Monday, December 11

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Lieut. J. S. A. Salt: "Plotting the Vertical Photographs from the Mount Everest Flight".

ROYAL COLLEGE OF SCIENCE, at 5.30.—Dr. R. M. Craig: "Geology in the Service of Man" (Swiney Lectures. Succeeding lectures on December 13, 15, 18, 20, 22, January 3, 5, 8, 10, 12 and 15.)*

Tuesday, December 12

BRITISH INSTITUTE, at 8.15—(at University College, Gower Street, W.C.1).—Prof. W. D. Ross: "Plato and Aristotle in Relation to Modern Thought" (cards of admission from the Director of Studies, University Hall, 14 Gordon Square, W.C.1).*

PHARMACEUTICAL SOCIETY, at 8.30.—Bernard F. Howard: "Cinchona and Civilisation" (Harrison Memorial Lecture).

Wednesday, December 13

BIRKBECK COLLEGE, at 8.15.—Col. John Buchan: "The Margins of Life" (Foundation Oration).

Thursday, December 14

ROYAL SOCIETY, at 4.30.—Discussion on "Heavy Hydrogen" to be opened by Lord Rutherford.

Friday, December 15

ROYAL INSTITUTION, at 9.—Dr. Kenneth Lee: "Industrial Research: a Business Man's View".

Official Publications Received

GREAT BRITAIN AND IRELAND

- The British Mycological Society Transactions. Edited by J. Ramsbottom, B. F. Barnes and H. Wormald. Vol. 18, Part 2, November 8. Pp. 93-118. (London: Cambridge University Press.) 7s. 6d.
- Institute for Research in Agricultural Engineering: University of Oxford. Abstracts of Current Literature and Notes. No. 9, October. Pp. 11. (Oxford.)
- County Council of the West Riding of Yorkshire. Twenty-ninth Annual Report of the Education Committee for the Year ended 31st March, 1933. Pp. 45. Handbook of the Education Committee. Part 2: High Education. Section 10: Regulations relating to Scholarships and Exhibitions and the Training of Teachers, 1934. Pp. iii+44. Report on the Examination for County Minor Scholarships, 1933. Pp. 31. (Wakefield.)
- League of Nations. Conference for facilitating the International Circulation of Films of an Educational Character (Geneva, October 5th-11th, 1933). Convention for facilitating the International Circulation of Films of an Educational Character. (C. 588. M. 274. 1933. XII.) Pp. 16. 6d. Final Act. (C. 589. M. 275. 1933. XII.) Pp. 16. 6d. (London: George Allen and Unwin, Ltd.)
- Proceedings of the Royal Society of Edinburgh, Session 1932-1933. Vol. 53, Part 4, No. 22: Studies on the Gametogenesis of *Stenophylax stellatus*, Curt. (Trichoptera).—Oogenesis. By Dr. R. A. R. Gresson. Pp. 322-346+2 plates. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 2s. 6d.
- The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 73, No. 443, November. Pp. 457-544+xviii. (London: E. and F. N. Spon, Ltd.) 10s. 6d.
- The Physical Society. List of Officers and Members, corrected to October 1, 1933. Pp. 29. (London.)
- The Institution of Electrical Engineers. List of Corporate Members, and of Non-Corporate Members, including a List of Names arranged Geographically; corrected to 1st September 1933. Pp. 499. (London.)
- Imperial Agricultural Bureaux. Index Veterinarius, 1933. Vol. 1, No. 1. Pp. 304. (Weybridge: Imperial Bureau of Animal Health.)
- University of Cambridge. Solar Physics Observatory. Twenty-first Annual Report of the Director of the Solar Physics Observatory to the Solar Physics Committee, 1932 August 1—1933 July 31. Pp. 3. (Cambridge.)
- Imperial Bureaux of Animal Genetics. The Technique of Artificial Insemination. With an Introductory Chapter by Dr. Arthur Walton. Pp. 56. (Edinburgh and London: Oliver and Boyd.) 2s. 6d.
- The Marine Biological Station at Port Erin: being the Forty-sixth Annual Report of the former Liverpool Marine Biology Committee, now the Oceanography Department of the University of Liverpool. Drawn up by Dr. R. J. Daniel. Pp. 39. (Liverpool: University Press of Liverpool.) 1s. 6d. net.
- British Cast Iron Research Association. Twelfth Annual Report for the Year ended June 30th, 1933. Pp. 32. (Birmingham.)

- Books and the Farmer: an Address delivered at the Tenth Annual Conference of the Association of Special Libraries and Information Bureaux at Wills Hall, Bristol. By Sir E. John Russell. Pp. 16. (London: Association of Special Libraries and Information Bureaux.)
- The Royal Technical College, Glasgow. Annual Report on the One Hundred and Thirty-seventh Session adopted at the Annual Meeting of Governors held on the 17th October, 1933. Pp. 84. (Glasgow.)
- Development Commission. Twenty-third Report of the Development Commissioners, being for the Year ended 31st March, 1933. Pp. 107. (London: H.M. Stationery Office.) 2s. net.
- Department of Scientific and Industrial Research. Report of the Fuel Research Board for the Year ended 31st March, 1933; with Report of the Director of Fuel Research. Pp. viii+140+6 plates. (London: H.M. Stationery Office.) 2s. 6d. net.

OTHER COUNTRIES

- Bulletin of the American Museum of Natural History. Vol. 67, Art. 2: On the Dinosaurian Fauna of the Iren Dabasu Formation. By Charles W. Gilmore. Pp. 23-78+8 plates. (New York City.)
- Seismometrical Report of the Earthquake Research Institute, Tokyo Imperial University, 1933, Part 1 (January 1-March 31, 1933.) Pp. 6+7 plates. (Tokyo.)
- Bulletin of the Earthquake Research Institute, Tokyo Imperial University. Vol. 11, Part 3, September. Pp. 403-594+plates 24-39. (Tokyo: Iwanami Shoten.) 3.00 yen.
- Abhandlungen aus dem Seminar für Vektor- und Tensoranalysis samt Anwendungen auf Geometrie, Mechanik und Physik. Herausgegeben von Prof. B. Kagan. (Wissenschaftliche Forschungsinstitut für Mathematik und Mechanik an der Staatlichen Universität Moskau. Lieferung 1. Pp. 303. (Moskau und Leningrad: Staatlicher Technisch-Theoretischer Verlag.)
- Koninklijk Magnetische en Meteorologisch Observatorium te Batavia. Verhandelingen No. 25: Sea-Surface Temperatures on some Steamer Routes in Netherlands India (Second Series 1928-1932). By Dr. H. P. Berlage, Jr. Pp. 35. (Batavia: Landsdrukkerij.)
- Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series B, No. 17: The Foundations of Yarn-Strength and Yarn-Extension. Part 5: The Prediction of the Spinning Value of a Cotton from its Fibre-Properties. By Dr. A. J. Turner and V. Venkataraman. Pp. ii+48. (Bombay.) 1 rupee.
- Carnegie Institution of Washington. Publication No. 416: Contributions to Palaeontology—Fossil Floras of Yellowstone National Park and Southeastern Oregon. Pp. iii+65+22 plates. Publication No. 444: Atitlan; an Archaeological Study of Ancient Remains on the Borders of Lake Atitlan, Guatemala. By Samuel Kirkland Lothrop. Pp. vii+122. (Washington, D.C.: Carnegie Institution.)
- Annual Report of the Board of Regents of the Smithsonian Institution, showing the Operations, Expenditures and Condition of the Institution for the Year ending June 30, 1932. (Publication 3185.) Pp. xiii+497+55 plates. (Washington, D.C.: Government Printing Office.) 70 cents.
- Indian Central Cotton Committee: Technological Laboratory. Technological Bulletin, Series A, No. 25: Testing of Indian Cottons for Quality at the Technological Laboratory. By Dr. Nazir Ahmad. Pp. ii+20. (Bombay.) 8 annas.
- U.S. Department of the Interior: Office of Education. Pamphlet No. 37: Religious Education Bibliography, January-December 1932. Pp. vi+36. (Washington, D.C.: Government Printing Office.) 5 cents.
- Classified List of Smithsonian Publications available for Distribution, November 1, 1933. Compiled by Helen Munroe. (Publication 3220.) Pp. v+33. (Washington, D.C.: Smithsonian Institution.)
- Journal of Science of the Hiroshima University. Series A (Mathematics, Physics, Chemistry), Vol. 3, No. 3, October. Pp. 243-366. (Tokyo: Maruzen Co., Ltd.) 98 sen.
- Reports of the Institute for Science of Labour. No. 15: A Study of the Physical Development of Female Workers, especially with regard to their Fitness for Maternity. By Dr. Korehito Ogawa. Pp. 19. 50 sen. No. 16: An Experimental Study on School Feeding. By Dr. Syūzō Matusima and Syō Sasaki. Pp. 12. 40 sen. No. 17: Studies on the Output Curve. Part 1: The Daily Output Curve; Part 2: The Monthly Output Curve; Part 3: The Hourly Output Curve (First Report). By Dr. Takatugu Yagi. Pp. 46. 1.00 yen. No. 18: On the Change of Position of the Center of Gravity with the Progress of Pregnancy; Studies on the Center of Gravity of the Human Body. By Dr. Misao Okuyama. Pp. 11. 40 sen. (Kurasiki.)
- Collection des travaux chimiques de Tchécoslovaquie. Rédigée et publiée par E. Votoček et J. Heyrovský. Année 5, No. 9-10, Septembre-Octobre. Pp. 367-456. (Prague: Regia Societas Scientiarum Bohemica.)
- Report of the Danish Biological Station to the Ministry of Shipping and Fisheries. 38, 1933. By Dr. H. Blegvad. Pp. 32. (Copenhagen: C. A. Reitzel.)
- Jamaica. History of the Hope Farm and Part 1 of the Jamaica Herd Book of Pure Bred Cattle. By H. H. Cousins. Pp. vi+308+59+54 plates. (Jamaica: Government Printing Office.)
- Ministerio da Educação e Saúde Pública: Observatorio Nacional do Rio de Janeiro. Taboas das Marés para o Ano de 1933 nos Portos do Rio de Janeiro, Belem, S. Luiz, Amarração, Camocim, Fortaleza, Natal, Cabedelo, Tambau, Recife, Aracajú, Baía, Iheós, Vitoria, Santos, Paranaçu e Itajaí. Pp. 209. (Rio de Janeiro.)
- Ministerio da Educação e Saúde Pública. Anuario publicado pelo Observatorio Nacional do Rio de Janeiro para o Ano de 1933. Ano 49. Pp. xv+416. (Rio de Janeiro.)
- Det Kongelige Departement for Handel, Sjøfart, Industri, Håndverk og Fiskeri: Norges Svalbard- og Ishavs-undersøkelser. No. 59: On Dufourea and Dactylina, Three Arctic Lichens. By B. Lyng. Pp. 62+2 plates. 5.00 kr. Meddelelse Nr. 24: Norges Svalbard- og Ishavs-undersøkelers Ekspedisjon til Sydost-Grønland med *Veslemari* sommeren 1932. Av Gunnar Horn. Pp. 409-427. (Oslo.)
- Proceedings of the American Academy of Arts and Sciences. Vol. 68, No. 7: Gyromagnetic Experiments on the Process of Magnetization in Weak Fields. By S. J. Barnett. Pp. 229-249. (Boston.) 65 cents.
- Ceylon Journal of Science. Section C: Fisheries. Edited by Dr. Joseph Pearson. Vol. 5. Pp. 111. (Colombo: Colombo Museum; London: Dulau and Co., Ltd.) 3 rupees.