

- ROYAL ASTRONOMICAL SOCIETY, at 5.—Prof. Freundlich: On the Gravitational Deflection of Light (Total Solar Eclipse, 1929, May 9).
- ROYAL GEOGRAPHICAL SOCIETY, at 5.
- ROYAL SOCIETY OF MEDICINE (Ophthalmology Section) (at Royal Eye Hospital, St. George's Circus), at 5.
- MALACOLOGICAL SOCIETY OF LONDON (at Linnean Society), at 6.
- INSTITUTION OF CHEMICAL ENGINEERS (at Chemical Society), at 6.
- INSTITUTION OF MECHANICAL ENGINEERS, at 6.
- NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at Mining Institute, Newcastle-upon-Tyne), at 6.
- SOCIETY OF DYERS AND COLOURISTS (jointly with Manchester Literary and Philosophical Society—Chemistry Section) (at 36 George Street, Manchester), at 7.
- INSTITUTION OF ELECTRICAL ENGINEERS (London Students' Section), at 7.
- GEOLOGISTS' ASSOCIATION (North-East Lancashire Group) (at Blackburn Technical College), at 7.
- ILLUMINATING ENGINEERING SOCIETY (at Royal Society of Arts), at 7.—Sir Francis Goodenough: Presidential Address.
- WEST OF SCOTLAND IRON AND STEEL INSTITUTE (at Royal Technical College, Glasgow), at 7.15.
- SOCIETY OF CHEMICAL ENGINEERS (South Wales Section) (at Thomas' Café, Swansea), at 7.30.
- JUNIOR INSTITUTION OF ENGINEERS, at 7.30.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 9.
- OIL AND COLOUR CHEMISTS' ASSOCIATION (Manchester Section) (at College of Technology, Manchester).

SATURDAY, DECEMBER 12.

- GEOLOGISTS' ASSOCIATION (Demonstration at Natural History Museum), at 2.30.
- NORTH OF ENGLAND INSTITUTE OF MINING AND METALLURGICAL ENGINEERS (at Newcastle-upon-Tyne), at 2.30.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 3.

Public Lectures.

SATURDAY, DECEMBER 5.

- MATHEMATICAL ASSOCIATION (London Branch) (at Bedford College for Women), at 3.—J. W. N. Sullivan: Mathematics and Culture (Presidential Address).
- HORNIMAN MUSEUM (Forest Hill), at 3.30.—Prof. J. R. Ainsworth-Davis: Insect Pests and their Enemies.

MONDAY, DECEMBER 7.

- UNIVERSITY OF LEEDS, at 5.15.—Prof. G. Barger: Ergot and Ergotism.

TUESDAY, DECEMBER 8.

- IMPERIAL INSTITUTE, at 2.15.—Major H. Lockwood Stevens: Unknown Nepal.

WEDNESDAY, DECEMBER 9.

- IMPERIAL INSTITUTE, at 2.15.—Miss Margaret Green: Our Voluntary Hospitals and the Nurse's Vacation.
- ROYAL INSTITUTE OF PUBLIC HEALTH, at 4.—Prof. E. L. Collis: The Health of the Industrial Worker.
- SCHOOL OF ORIENTAL STUDIES, at 5.15.—A. W. G. Malcolm: Medicine in Africa.
- BELFAST MUSEUM AND ART GALLERY, at 8.—E. E. Evans: The Beginnings of our Civilisation.

THURSDAY, DECEMBER 10.

- IMPERIAL INSTITUTE, at 2.15.—Comdr. the Hon. S. Hay: A Midshipman's Experiences in the Pacific.
- SCIENCE MUSEUM (South Kensington) (in connexion with Exhibition of Modern Glasses), at 4.45.—E. A. Coad-Pryor: Glass in the Foodstuffs Industry.
- KING'S COLLEGE, LONDON (at 16 Russell Square, W.C.1), at 5.30.—S. P. Turin: Russian Imports and Exports.
- BATTERSEA POLYTECHNIC, at 7.—Dr. H. Phillips: The Walden Invasion: the Mechanism of the Substitution of Groups in Saturated Organic Compounds.

SATURDAY, DECEMBER 12.

- HORNIMAN MUSEUM (Forest Hill), at 3.30.—Dr. W. G. Ivens: Negroid Peoples of the Pacific Islands.

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Official Publications Received.

BRITISH.

- North-East Coast Institution of Engineers and Shipbuilders (Incorporated). Report of the Council, 1930-1931. Pp. 18. (Newcastle-upon-Tyne.)
- Department of Scientific and Industrial Research. Summary of Progress of the Geological Survey of Great Britain and the Museum of Practical Geology for the Year 1930. Part 3. Pp. v+92+5 plates. (London: H.M. Stationery Office.) 2s. net.
- Canada: Department of Mines: Geological Survey. Memoir 166: Geology and Ore Deposits of Rouyn-Harricana Region, Quebec. By H. C. Cooke, W. F. James and J. B. Mawdsley. (No. 2267.) Pp. ix+314. 45 cents. Memoir 167: Fort William and Port Arthur, and Thunder Cape Map-areas, Thunder Bay District, Ontario. By T. L. Tanton. (No. 2268.) Pp. ii+222. 30 cents. (Ottawa: F. A. Acland.)
- Canada: Department of Mines: National Museum of Canada. Bulletin No. 67: Annual Report for 1929. Pp. 58. (Ottawa: F. A. Acland.)
- Public Library, Museum and Art Gallery of South Australia. Records of the South Australian Museum. Vol. 4, No. 3, June 30th. Pp. 275-408. (Adelaide.)
- Society of Biological Chemists, India. Biochemical and Allied Research in India in 1930. Pp. 20. (Bangalore: Indian Institute of Science.)
- Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1397 (Ae. 518—T. 3057): Airscrews at Negative Torque. By C. N. H. Lock and H. Bateman. Pp. 6+5 plates. 6d. net. No. 1398 (Ae. 519—T. 3068): A Method of Testing the Strength of Aircraft Hulls. By I. J. Gerard. Pp. 7+9 plates. 1s. 3d. net. No. 1399 (Ae. 520—T. 3090): Range of Aircraft with Air-Cooled Radial Engine using Altitude Control. By A. E. Woodward Nutt, Flight-Lieut. A. F. Scroggs and E. Finn. Pp. 8+16 plates. 9d. net. (London: H.M. Stationery Office.)
- Indian Journal of Physics, Vol. 6, Part 3, and Proceedings of the Indian Association for the Advancement of Science, Vol. 15, Part 3. Conducted by Sir C. V. Raman. Pp. 165-262. (Calcutta.) 1.8 rupees; 2s.
- Publications of the South African Institute for Medical Research. No. 26: Lymphoid Tissue in the Lung; its Distribution as illustrated by a case of "Status Lymphaticus" and its Importance in the Localization of Inhaled Particulate Matter. By F. W. Simson and Dr. A. Sutherland Strachan. Pp. 231-244. No. 27: Malaria Investigations in some parts of the Transvaal and Zululand. By Prof. N. H. Swellengrebel, S. Annecke and B. de Meillon. Pp. 245-274. (Johannesburg.)

FOREIGN.

- Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 83. Escobedia, a Neotropical Genus of the Scrophulariaceae. By Francis W. Pennell. Pp. 411-426. (Philadelphia.)
- Conseil Permanent International pour l'Exploration de la Mer. Faune ichtthyologique de l'Atlantique nord. Publiée sous la direction de Prof. Jouin. No. 8. 24 planches. (Copenhague: Andr. Fred. Høst et fils.) 4.00 kr.
- Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 115: The Egyptian Wild Irises. By J. R. Shabetai Eff. Pp. 3+2 plates. (Cairo: Government Press.) 2 P.T.
- Transactions of the San Diego Society of Natural History. Vol. 7, No. 1: A new Species of *Xantusia* from Arizona, with a Synopsis of the Genus. By Laurence M. Klauber. Pp. 16+1 plate. Vol. 7, No. 2: Two New Ground Squirrels from Lower California, Mexico. By Laurence M. Huey. Pp. 17-20. Vol. 7, No. 3: Notes on the Races of *Saltator grandis* (Lichtenstein). By A. J. van Rossem. Pp. 21-24. (San Diego, Calif.)
- U.S. Treasury Department: Coast Guard. Bulletin No. 19: The Marion Expedition to Davis Strait and Baffin Bay under direction of the United States Coast Guard, 1928. Scientific Results, Part 3: Arctic Ice, with Especial Reference to its Distribution to the North Atlantic Ocean. By Edward H. Smith. Pp. x+221. (Washington, D.C.: Government Printing Office.)
- U.S. Department of Agriculture. Circular No. 168: Insects injurious to Agriculture in Japan. By C. P. Clausen. Pp. 116. 20 cents. Farmers' Bulletin No. 1668: The Red Harvester Ant and how to subdue it. By V. L. Wildermuth and E. G. Davis. Pp. ii+22. 5 cents. Technical Bulletin No. 242: Biology of the Indian-Meal Moth on Dried Fruits in California. By J. C. Hamlin, W. D. Reed and M. E. Phillips. Pp. 27. 5 cents. (Washington, D.C.: Government Printing Office.)
- The Science Reports of the Tôhoku Imperial University, Sendai, Japan. Fourth Series (Biology), Vol. 6, No. 3. Pp. 347-571. (Tokyo and Sendai: Maruzen Co., Ltd.)
- Norges Svalbard- og Ishavs-Undersøkelser: Skrifter om Svalbard og Ishavet. Nr. 35: Jura- og Kreidfaunen von Spitzbergen. Von D. Sokolov und W. Bodelyevsky. Pp. 151+14 Tafeln. 15.00 kr. Nr. 36: Acquisition of Sovereignty over Polar Areas. By Gustav Smedal. Pp. 143. 10.00 kr. Nr. 38: Lichens collected on the Norwegian Expedition to Franz Josef Land, 1930. By B. Lyng. Pp. 31+2 plates. 3.00 kr. (Oslo: Jacob Dybwad.)
- Conseil Permanent International pour l'Exploration de la Mer. Bulletin hydrographique pour l'année 1930. Pp. 120. (Copenhague: Andr. Fred. Høst et fils.) 6.25 kr.

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