

a fixed place. **Mlle. A. MICHAUX**: The contents of the total calcium in blood and the elimination of this element by the kidney in the course of chronic scurvy and acute scurvy. **MAURICE ROSE**: An infusorian (Foettingeridæ) parasite of the Siphonophores. **JEAN FELDMANN** and **ADRIEN DAVY DE VIRVILLE**: The relations between the physical conditions of the flora of the sea-shore pools of the coast of Albères. **RAOUL M. MAY**: The formation of the nerve terminations in the suckers of the regenerated limb of the cephalopod, *Octopus vulgaris*. **H. M. FOX** and **J. ROCHE**: Crystallised chlorocruorine. The method of preparation of the crystallised pigment is described. The results of microanalysis are compared with those given by hæmoglobin of the horse: the proportions of sulphur and iron are higher in the chlorocruorine (see also NATURE, Sept. 30, p. 516).

Forthcoming Events

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

Monday, December 4

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Capt. R. B. W. G. Andrew: "The Somali Coast".

Wednesday, December 6

SCHOOL OF SLAVONIC AND EAST EUROPEAN STUDIES, at 5.30—(at 40, Torrington Square, London, W.C.1). **N. B. JOPSON**: "Pagan Slav Marriage and Funeral Customs".*

ROYAL SOCIETY OF ARTS, at 8.—**G. G. Blake**: "Radio-metric Condensers and Inductances".

Friday, December 8

ROYAL SOCIETY OF ARTS, at 4.30.—**E. J. Mackay**: "Further Excavations at Mohenjo-daro" (Sir George Birdwood Memorial Lecture).

ROYAL INSTITUTION, at 9.—**Major R. M. Weeks**: "The Making of a Sheet of Glass".

BRITISH INSTITUTE OF RADIOLOGY (Annual Congress at the Central Hall, Westminster), December 6–8.

Dec. 6, at 5.—**Dr. Stanley Melville** (presidential address).

Dec. 7, at 2.30.—Discussion opened by **Prof. Woodburn Morison**: "Tumour of Bone".

At 5.—**N. S. Finzi** (Mackenzie Davidson Memorial Lecture): "X-Ray and Radium Treatment in the Future".

Dec. 8, at 10 a.m.—Discussion opened by **Dr. F. Hernaman-Johnson**, **W. M. Levitt**, **G. F. Stebbing** and **Russell J. Reynolds**: "Review in regard to Radiation of Neoplasm with Special Reference to the Value of Hard and Soft Rays".

At 2.30.—**Dr. A. Bouwers** (Silvanus Thompson Memorial Lecture): "Modern X-Ray Developments".

Official Publications Received

GREAT BRITAIN AND IRELAND

Journal of the Royal Microscopical Society. Series 3, Vol. 53, Part 3, September. Pp. xvi+203–297. (London: Royal Microscopical Society.) 10s. net.

Second Interim Report (June 1933) of the Furunculosis Committee appointed July 1929 by the Rt. Hon. William Adamson and the Rt. Hon. Noel Buxton. Pp. 81. (Edinburgh and London: H.M. Stationery Office.) 2s. 6d. net.

Department of Scientific and Industrial Research. Report of the Building Research Board; with Report of the Director of Building Research for the Year 1932. Pp. x+133+6 plates. (London: H.M. Stationery Office.) 2s. 6d. net.

The National Smoke Abatement Society. Fourth Annual Report, 1933. Pp. 26. (Manchester.)

Journal of the Society of Glass Technology. Edited by Prof. W. E. S. Turner. Vol. 17, No. 67, September. Pp. viii+239–347+301–406+xxiv. (Sheffield.) 10s. 6d.

Proceedings of the Royal Society. Series A, Vol. 142, No. A847, November 1. Pp. 361–714. 18s. Series B, Vol. 114, No. B786, November 1. Pp. 103. 6s. (London: Harrison and Sons, Ltd.)

Battersea Polytechnic. Report of the Principal for the Session 1932–33. Pp. 42. (London.)

The North of Scotland College of Agriculture. Report on the Work of the North of Scotland College for the Year 1932–33. Pp. 35. (Aberdeen.)

The Proceedings of the Physical Society. Vol. 45, Part 6, No. 251, November 1. Pp. iv+755–854. (London.) 7s. net.

Proceedings of the Royal Irish Academy. Vol. 41, Section A, No. 12: An Investigation on the Penetrating Radiation from Potassium. By F. D. Greeves. Pp. 129–136. (London: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s.

OTHER COUNTRIES

Meddelanden från Statens Meteorologisk-Hydrografiska Anstalt. Band 6, No. 3: Vinden i Sveriges Högre Luftlager: Resultat av Pilotballongobservationer utförda under åren 1919–1929. Av C. J. Östman. Pp. ii+38. 2.50 kr. (Stockholm.)

Abisko Naturvetenskapliga Station. Observations météorologiques à Vassijaure. 3: Du 1^{er} août 1907 au 31 juillet 1908. Exécutées par Erik Bergstrand et Lennart Stridsberg. Rédigées par Erik Bergstrand et Bruno Rolf. Pp. ii+54. (Stockholm.)

U.S. Department of Agriculture. Circular No. 270: Orchard Insects of the Pacific Northwest and their Control. By E. J. Newcomer. Pp. 77. (Washington, D.C.: Government Printing Office.)

The Medical and Scientific Archives of the Adelaide Hospital. No. 12 (for the Year 1932). Pp. 84+3 plates. (Adelaide: Government Printer.)

Japanese Journal of Geology and Geography. Transactions and Abstracts, Vol. 11, Nos. 1 and 2, September. Pp. ii+155+7+15 plates. (Tokyo: National Research Council of Japan.)

The Rockefeller Foundation. Annual Report, 1932. Pp. viii+455. (New York City.)

Smithsonian Miscellaneous Collections. Vol. 89, No. 8: Morphology of the Insect Abdomen. Part 2: The Genital Ducts and the Ovipositor. By R. E. Snodgrass. (Publication 3219.) Pp. 148. (Washington, D.C.: Smithsonian Institution.)

Division of Fish and Game of California: Bureau of Commercial Fisheries. Fish Bulletin No. 40: The California Mackerel Fishery. By Richard S. Croker. (Contribution No. 125 from the California State Fisheries Laboratory.) Pp. 149. (Terminal Island, Calif.: California State Fisheries Laboratory.)

Field Museum of Natural History. Geology Leaflet 14: A Forest of the Coal Age. By B. E. Dahlgren. Pp. 39+2 plates. (Chicago.) 25 cents.

University of Toronto Studies: Geological Series, No. 35: Contributions to Canadian Mineralogy, 1933. Pp. 64+3 plates. (Toronto: University of Toronto Press.) 50 cents.

Proceedings of the United States National Museum. Vol. 82, Art. 30: New Genera and Species of Parasitic Mites of the Superfamily Parasitoidae. By H. E. Ewing. (No. 2971.) Pp. 14+4 plates. (Washington, D.C.: Government Printing Office.)

U.S. Department of Commerce: Bureau of Standards. Research Paper 585: Effect of Temperature and Frequency on the Dielectric Constant, Power Factor and Conductivity of Compounds of Purified Rubber and Sulphur. By A. H. Scott, A. T. McPherson and Harvey L. Curtis. Pp. 173–209. (Washington, D.C.: Government Printing Office.) 5 cents.

Annual Report of the Department of Agriculture, S.S. and F.M.S., for the Year 1932. By Dr. H. A. Tempny. Pp. iv+78. (Kuala Lumpur.)

National Research Council of Japan. Report, Vol. 2, No. 1, April 1931–March 1932. Pp. iii+70. (Tokyo.)

Publications of the Dominion Observatory, Ottawa. Vol. 10: Bibliography of Seismology. No. 18: April, May, June, 1933. By Ernest A. Hodgson. Pp. 305–318. (Ottawa: Government Printer.) 25 cents.

The Science Reports of the Tôhoku Imperial University, Sendai, Japan. First Series (Mathematics, Physics, Chemistry), Vol. 22, No. 4. Pp. 633–914. (Tokyo and Sendai: Maruzen Co., Ltd.)

Journal and Proceedings of the Asiatic Society of Bengal. New Series, Vol. 27, 1931, No. 4, October 1933. Pp. clxxvii. (Calcutta.) 4.14 rupees.

Indian Journal of Physics, Vol. 8, Part 2, and Proceedings of the Indian Association for the Cultivation of Science, Vol. 17, Part 2. Conducted by Sir C. V. Raman and Dr. K. S. Krishnan. Pp. 95–170+plates 6–9. (Calcutta.) 2 rupees; 3s.

The Journal of the Osmania University College. Vol. 1. Pp. viii+107+12 plates. (Hyderabad.)

Sveriges Geologiska Undersökning. Ser. C, No. 379: Untersuchungen über Tonerdezement. 1: Die mineralogische Beschaffenheit der Schmelzemente von Valleviken, Schweden und von Ciment fondu der Soc. An. des Chaux et Ciment de Lafarge et du Teil, Frankreich, von N. Sundius; 2: Die Reaktion zwischen Tonerdezement und Wasser, von Gunnar Assarsson. Pp. 60. (Stockholm: P. A. Norstedt and Söner.) 2.00 kr.

Instituto Geográfico, Catastral y de Estadística. Anuario del Observatorio Astronómico de Madrid para 1934. Pp. 376. (Madrid.)

CATALOGUES

Neue Bücher für naturwissenschaftlich Gebildete. Pp. 16. Bücher über den Ständestaat und die berufständische Gliederung. Pp. 16. (Jena: Gustav Fischer.)

The Applications of Marmite (Yeast Extract) in Medicine and Diets. Pp. 23. (London: The Marmite Food Extract Co., Ltd.)

Knowles Patent Electrolytic Cells for producing Pure Hydrogen and Oxygen. Pp. 21. (Chester: The International Electrolytic Plant Co.)