

physiographic factors is traced from the beginnings of settlement to the present day.—G. H. Hardy: A reclassification of the Australian robberflies of the *Cerdistus-Neoitamus* complex (Diptera-Asilidae). The status of several genera, for which no scheme of classification hitherto evolved has met with general acceptance, is discussed. The generic name *Cerdistus* is adopted for the group, and under it *Neoitamus*, *Cerdistus*, and *Stilpnogaster* are ranked as subgenera, each of which is well represented in Australia.—A. H. S. Lucas: Notes on Australian marine algæ. (iii.) The Australian species of the genus *Nitophyllum*. *N. erosum* extends on the west coast so far north as the Houtman's Abrolhos, and *N. sinuosum* up to Port Stephens on the east coast, but the genus is only abundantly represented in the south, with its headquarters in Bass Straits, where multifarious forms occur which may be regarded as varieties or species.—M. Arousseau: Analyses of three Australian rocks. Analyses are presented (a) of the well-known rock from One Tree Point, Sandy Bay, Hobart, Tasmania, a supposed fayalite basalt or melilitite basalt, but actually a nephelinite basanite; (b) of a micrographic granite from Ashford, N.S.W., that shows complicated graphic intergrowth; (c) of a peculiar amphibolite from Bunker Bay, Cape Naturaliste, W.A.—G. H. Cunningham: Gasteromycetes of Australasia. (vi.) The genus *Lycoperdon*. A critical revision of the members of the genus in Australia and New Zealand.

### Official Publications Received.

#### BRITISH AND COLONIAL.

Canada. Department of Mines: Mines Branch. Investigations in Ore Dressing and Metallurgy (Testing and Research Laboratories) 1925. (No. 670.) Pp. ii+123+4 plates. Investigations in Ceramics and Road Materials (Testing and Research Laboratories) 1925. (No. 672.) Pp. 35. (Ottawa: F. A. Acland.)

The Quarterly Journal of the Geological Society. Edited by the Permanent Secretary. Vol. 82, Part 4, No. 328, December 31st. Pp. 489-677+xx+17 plates. (London: Longmans, Green and Co., Ltd.) 7s. 6d.

Aeronautical Research Committee: Reports and Memoranda. No. 1041 (A.3): Accidents to Aeroplanes involving Flutter of the Wings. Report of the Accidents Investigation Sub-Committee. (D.1. Special Technical Questions, 161.—T. 2163.) Pp. 19+12 plates. 1s. 3d. net. No. 1045 (B.21): On the Equivalence between the Dynamical System of a Multi Crank Flywheel System and a certain Electrical Circuit, with some Suggestions for Measuring Critical Speeds and Shaft Stresses by Analogy. By E. B. Moullin. (T.V.C.9.) Pp. 9. 9d. net. (London: H.M. Stationery Office.)

City and County of Bristol: The Bristol Museum and Art Gallery. Report of the Museum and Art Gallery Committee for the Year ending 30th September 1926. Pp. 24+5 plates. (Bristol.)

Amgueddfa Genedlaethol Cymru: National Museum of Wales. Nineteenth Annual Report, 1925-26, presented by the Council to the Court of Governors on the 22nd October 1926. Pp. 50+6 plates. (Cardiff.) 6d.

County Borough of Reading: Museum of Economic Botany. Catalogue. Pp. 31. (Reading.)

The Journal of the Royal Horticultural Society. Edited by F. J. Chittenden. Vol. 52, Part 1, January. Pp. 152+lxvii+40 plates. (London.) 7s. 6d.

Scientific Proceedings of the Royal Dublin Society. Vol. 18 (N.S.). No. 29: Responses of Plant Tissues to Electric Currents. By Prof. H. H. Dixon and T. A. Bennet-Clark. Pp. 351-372. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 2s.

The Journal of the East Africa and Uganda Natural History Society. No. 27, November. Pp. 197-245+plates 15-34. (Nairobi.) 10s.

Journal of the Chemical Society: containing Papers communicated to the Society. January. Pp. vi+iv+281. (London: Gurney and Jackson.) Hull Museum Publications No. 145: Record of Additions, No. 70. Edited by T. Sheppard. Pp. 47. (Hull.)

#### FOREIGN.

Department of Commerce: U.S. Coast and Geodetic Survey, Terrestrial Magnetism. Serial No. 553: Results of Magnetic Observations made by the United States Coast and Geodetic Survey in 1925. By Daniel L. Hazard. (Special Publication No. 125.) Pp. 37. (Washington, D.C.: Government Printing Office.) 10 cents.

Department of the Interior: U.S. Geological Survey. Bulletin 785C: Borate Deposits in the Kramer District, Kern County, California. By L. F. Noble. (Contributions to Economic Geology, 1926, Part 1.) Pp. ii+45-61. Bulletin 785D: Note on a Colemanite Deposit near Shoshone, Calif.; with a Note on the Geology of a Part of Amargosa Valley. By L. F. Noble. (Contributions to Economic Geology, 1926, Part 1.) Pp. ii+63-75. Bulletin 786A: The Geology of the Ingomar Anticline, Treasure and Rosebud Counties, Montana. By K. C. Heald. (Contributions to Economic Geology, 1926, Part 2.) Pp. iv+37+2 plates. (Washington, D.C.: Government Printing Office.)

New York Academy of Sciences. Scientific Survey of Porto Rico and the Virgin Islands. Vol. 8, Part 1: Botany of Porto Rico and the Virgin Islands. Mycology. By Fred J. Seaver and Carlos E. Chardon; with Contributions by Rafael A. Toro, F. D. Kern and H. H. Whetzel, and L. O. Overholts. Pp. 208. (New York City.) 2 dollars.

Department of the Interior: Bureau of Education. Bulletin, 1926, No. 9: Statistics of Public, Society and School Libraries, 1923. Pp. 179. (Washington, D.C.: Government Printing Office.) 25 cents.

Department of Commerce: Bureau of Standards. Miscellaneous Publications, No. 74: Weights and Measures. Nineteenth National Conference of Representatives from various States held at the Bureau of Standards, Washington, D.C., May 25, 26, 27 and 28, 1926. Pp. xv+172+6 plates. (Washington, D.C.: Government Printing Office.) 60 cents.

Sveriges Geologiska Undersökning. Ser. C, No. 334. Årsbok 19 (1925). No. 1: Hydrologiska undersökningar av åkerjord, inom Örebro län. Av Gunnar Ekström och Herman Flodkvist. Pp. 48. 1 kr. Ser. C, No. 335. Årsbok 19 (1925). No. 2: Södra Sveriges torvtillgångar. L. Av Lennart von Post och Erik Granlund. Pp. 127-15 tavlor. 8 kr. Ser. C, No. 336. Årsbok 19 (1925). No. 3: On the Differentiation of the Alkalies in Aplites and Aplitic Granites. By N. Sundius. Pp. 43. 1 kr. Ser. C, No. 337. Årsbok 19 (1925). No. 4: Einige Aufgaben der regionalen Moorforschung. Von Lennart von Post. Pp. 41. 1 kr. Ser. C, No. 338. Årsbok 19 (1925). No. 5: Mullmalmer i Svenska järngravur. Av Per Geijer och Nils H. Magnusson. With a Summary: The Occurrence of 'Soft Ores' in Swedish Iron Mines. Pp. 53+2 tavlor. 1 kr. Ser. C, No. 339. Årsbok 19 (1925). No. 6: Ravinbildningen i Gustavs. Av Carl Ozon Caldenius. Pp. 26+3 tavlor. 1 kr. (Stockholm.)

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, 1925. (Publication 2836.) Pp. xii+633+84 plates. (Washington, D.C.: Government Printing Office.) 1.50 dollars.

Proceedings of the United States National Museum. Vol. 69, Art. 18: Notes on the Age of the Continental Triassic Beds in North America, with Remarks on some Fossil Vertebrates. By F. R. von Huene. (No. 2644.) Pp. 10. (Washington, D.C.: Government Printing Office.)

State of Illinois. Department of Registration and Education: Division of the Natural History Survey. Bulletin, Vol. 16, Art. 3: Notes on Homoptera from Illinois, with Descriptions of New Forms, chiefly Eupteryginae. By W. L. McAtee. Pp. 127-136. (Urbana, Ill.)

U.S. Department of the Interior. Annual Report of the Commissioner of Education to the Secretary of the Interior for Fiscal Year ended June 30, 1926. Pp. iii+36. (Washington, D.C.: Government Printing Office.) 5 cents.

#### CATALOGUES.

Catalogue methodique des livres de médecine. Pp. 96. (Paris: Masson et Cie.)

Electric Furnaces at the British Industries Fair, Birmingham. Pp. 6. (London: Automatic and Electric Furnaces, Ltd.)

Origin of Mankind: being a Catalogue of Books relating to Anthropology, Folklore, Ethnography, Archaeology, Occult, Heathenism, Witchcraft, Native Races, Mythology, Magic and sundry other Subjects concerning Man. (No. 491.) Pp. 68. (London: Francis Edwards.)

Neue Bücher. Januar. Pp. 47. (Berlin: Julius Springer.)

### Diary of Societies.

#### SATURDAY, FEBRUARY 12.

ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—W. de la Mare: 'Atmosphere' in Fiction.

MINING INSTITUTE OF SCOTLAND (at Edinburgh).

#### MONDAY, FEBRUARY 14.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 4.—Sir Berkeley Moynihan, Bart.: Hunterian Oration.

ROYAL IRISH ACADEMY, at 4.15.

ROYAL SOCIETY OF EDINBURGH, at 4.30.—Dr. R. T. Gunther: Certain Early Astronomical Instruments and their Makers, illustrated by the Exhibition of Instruments in the possession of the University of St. Andrews and by lantern slides (Address).—Sir J. R. Findlay: Exhibition and Description of certain Instruments from his Private Collection.

ROYAL GEOGRAPHICAL SOCIETY (at Louth Lodge), at 5.—Lt.-Comdr. R. Gould: The Landfall of Columbus.

INSTITUTION OF AUTOMOBILE ENGINEERS (Birmingham Centre) (at Chamber of Commerce, Birmingham), at 7.—E. W. Sisman: The Straight-Eight Engine.

INSTITUTION OF ELECTRICAL ENGINEERS (North-Eastern Centre) (at Sopwith's Café, Newcastle-upon-Tyne), at 7.—Informal Discussion on The Problem of Rural Supplies.

INSTITUTION OF ELECTRICAL ENGINEERS (Western Centre) (at South Wales Institute of Engineers, Cardiff), at 7.—W. M. Selvey: Power Stations and their Equipment (Lecture).

INSTITUTE OF METALS (Scottish Local Section) (at 39 Elmbank Crescent, Glasgow), at 7.30.—D. R. Tullis: Notation Aluminium Alloys.

ARISTOTELIAN SOCIETY (at University of London Club), at 8.—Prof. R. F. A. Hoernle: Problems and Methods of Metaphysics.

ROYAL SOCIETY OF ARTS, at 8.—Prof. E. G. Coker: Photo-elastic Measurements of Stress Distribution (Cantor Lectures) (1).

INSTITUTE OF CHEMISTRY (Edinburgh and East of Scotland Section) (jointly with Society of Chemistry, Edinburgh and East of Scotland Section) (at 36 York Place, Edinburgh), at 8.—B. D. W. Luff: The Use of the Microscope in Qualitative Analysis.

BRITISH PSYCHOLOGICAL SOCIETY (Education Section) (at London Day Training College), at 8.—Dr. Cloudesley Brereton: The Philosophical Basis of the Teaching of Literary Appreciation.