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British Museum (Natural History). British Antarctic (*Terra Nova*) Expedition, 1910. Natural History Report. Zoology. Vol. iii. No. 1. Pycnogonida. By Dr. W. T. Calman. Pp. 73. (London: Longmans and Co., and others.) 5s.

## DIARY OF SOCIETIES.

FRIDAY, OCTOBER 15.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—The Theory of Grinding, with reference to the Selection of Speeds in Plain and Internal Work: J. J. Guest.

TUESDAY, OCTOBER 19.

FARADAY SOCIETY, at 8.—The Transformations of Pure Iron. Discussion to be opened by Dr. A. E. Oxley.—*Papers*: The Transference of Electricity by Colloidal Particles: F. Powis.—(1) The Electrolysis of Nitric Sulphuric, and Orthophosphoric Acids using a Gold Anode: (2) The Electrolysis of Concentrated Hydrochloric Acids using a Copper Anode: F. H. Jeffery.—The Thermal Decomposition of Hydrogen Peroxide in Aqueous Solution: W. Clayton.

INSTITUTION OF PETROLEUM TECHNOLOGISTS, at 8.—The Petroleum Industry of Mexico: P. C. A. Stewart.

WEDNESDAY, OCTOBER 20.

ENTOMOLOGICAL SOCIETY, at 8.  
ROYAL MICROSCOPICAL SOCIETY, at 8.—A Statement upon the Theory and Phenomena of Purpose and Intelligence exhibited by the Protozoa, illustrated by Selection and Behaviour in the Foraminifera: E. Heron-Allen.

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