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Thirty-third Annual Report of the Director of the United States Geological Survey to the Secretary of the Interior. For the Fiscal Year ended June 30, 1912. Pp. 175. (Washington: Government Printing Office.)

United States Geological Survey. Professional Paper 77. Geology and Ore Deposits of the Park City District, Utah. By J. M. Boutwell, with contributions by L. H. Woolsey. Pp. 231+xiv plates. (Washington: Government Printing Office.)

United States Bureau of Entomology. Bulletin No. 91. The Importation into the United States of the Parasites of the Gipsy Moth and the Brown-tail Moth. By L. O. Howard and W. F. Fiske. Pp. 324+xxviii plates. (Washington: Government Printing Office.)

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Annual Report of the Board of Scientific Advice for India for the Year 1911-12. Pp. 201. (Calcutta: Superintendent Government Printing, India.) 1s. 6d.

A Dictionary of English and Folklore-Names of British Birds. By H. K. Swann. Pp. xii+266. (London: Witherby and Co.) 10s. net.

DIARY OF SOCIETIES.

THURSDAY, MAY 8.

ROYAL SOCIETY, at 4.30.—The Various Inclinations of the Electrical Axis of the Human Heart: A. D. Waller.—Trypanosome Diseases of Domestic Animals in Nyasaland. III.: *Trypanosoma fergusoni*: Surg-Gen Sir D. Bruce, Major D. Harvey, Major A. E. Hamerton, and Lady Bruce.—The Excystation of *Colpoda cucullis* from its Resting Cysts and the Nature and Properties of the Cyst Membranes: T. Goodey.—The Experimental Hybridisation of Echinoids: C. Shearer, W. de Morgan, and H. M. Fuchs.

CONCRETE INSTITUTE, at 7.30.—Shear and Problems arising therefrom: H. K. Dyson.

FRIDAY, MAY 9.

ROYAL INSTITUTION, at 0.—Life History of a Water Beetle: F. B. Browne. ROYAL ASTRONOMICAL SOCIETY, at 5.—The Polar Diameter of Saturn and

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the Minor Axis of the Ring: E. E. Barnard.—Note on the Pressure of Radiation on a Small Reflecting Sphere: J. Proudman.—An Investigation on the Motion of the Stars: C. V. L. Charlier.—The Mode of Propagation of the Sun's Influence in Magnetic Storms: Rev. A. L. Cortie.—The Motions and Distances of the Pleiades and other Groups of Stars: H. C. Plummer.—*Probable Papers*: A Regular Law representing Wolf's Sun-spot Numbers: H. H. Turner.—Preliminary Discussion of the Discordance between the Observed and Predicted Positions of Jupiter's Eighth Satellite: J. Jackson.—Photographic Determination of the Proper Motions of 250 Stars in the Neighbourhood of Σ_{443} : A. A. Rambaut.

SATURDAY, MAY 10.

ROYAL INSTITUTION, at 3.—Humphrey Internal Combustion Pumps: H. A. Humphrey.

TUESDAY, MAY 13.

ROYAL INSTITUTION, at 3.—Recent Physiological Inquiries; (3) Ductless Glands and their Dominating Influence: Prof. W. Stirling.

FRIDAY, MAY 16.

ROYAL INSTITUTION, at 9.—The Pygmies of New Guinea: Captain C. G. Rawling.

PHYSICAL SOCIETY, at 8.—Some Experiments to Detect β -rays from Radium A.: Dr. W. Makower and Dr. S. Russ.—Dust Figures: Dr. J. Robinson.

SATURDAY, MAY 17.

ROYAL INSTITUTION, at 3.—Humphrey Internal Combustion Pumps: H. A. Humphrey.

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