

cases of tetanus occurring in 10,896 wounded. In eight cases, the disease appeared fourteen or more days after the wound, one as late as twenty-seven days. Stress is laid on the valuable preventative action of the anti-tetanus serum. In hospitals where preventative injections have been made systematically the tetanus mortality is 0.42 per cent.; in hospitals where the injection is made in suspected cases only the mortality is 1.28 per cent. If only a limited amount of the serum is at the disposal of the surgeon, the amount injected may be safely reduced from 10 c.c. to 2 c.c.—F. **Gonnessiat**: Solar eclipses: formula for the correction of the elements.—Henri **Villat**: The paradox of d'Alembert and the theory of discontinuous movements.—H. **Bertin-Sans** and Ch. **Leenhardt**: The localisation of projectiles in the body by radiography.—O. **Lignier**: The staminal glands of the Fumaraceæ and their signification.—G. **Arnaud**: The suckers of *Meliola* and *Asterina*.—P. **Mazé**: Nutritive exchanges in plants. The rôle of the protoplasm.—Jules **Amar**: Relations between the feeding and strength of Arabs. Arabs were fed on two classes of diet of equal heat value, one following native custom the other French. The former proved more advantageous from the point of view of utilisation of the food in the form of muscular work.—J. **Blier**: Bovine hæmoglobinuria of Chili.—A. **Trillat** and M. **Fouassier**: The influence of the radio-activity of the air on the microbial water particles in suspension in the atmosphere.

NEW SOUTH WALES.

Linnean Society, October 28.—Mr. W. S. Dun, president, in the chair.—T. G. **Sloane**: Revision of Australian Carabidæ. Part v. Part v. deals with the Australian section of the tribe *Helluonini*, comprising seven extra-Australian, and twelve Australian genera, with twenty-seven species. Four genera and seven species are described as new.—E. **Petersen**: Australian Neuroptera. Part i. Two genera and five species are proposed as new, and supplementary information, with illustrations, of seven species previously described, is given—the entire series being referable to six families.—Dr. A. J. **Turner**: The Lepidoptera of Ebor Scrub, N.S.W. Ebor is a small township, fifty miles N.N.E. of Armidale, on the eastern edge of the New England Plateau, at an elevation of 4000 ft., with an abundant rainfall. Representatives of thirty-one species of Lepidoptera (fam. Arctiadae, Geometridæ, Pyralidæ, Tortricidæ, Tineidæ) were collected in the scrub. Six genera and twenty-four species are described as new.—L. **Harrison**: Some Pauropoda from New South Wales. Four species of Pauropus, and one of Eurypauropus, are described as new, with observations on the development of one species of these delicate little Myriapods, now added to the Australian fauna.—T. G. **Sloane**: Description of a new tiger-beetle from North-Western Australia.

BOOKS RECEIVED.

Optic Projection: Principles, Installation, and Use of the Magic Lantern, Projection Microscope, Reflecting Lantern, Moving Picture Machine. By Prof. S. H. Gage and Dr. H. P. Gage. Pp. ix+731. (Ithaca, N.Y.: Comstock Publishing Company.) 3 dollars.

Exercises in Arithmetic and Mensuration. By P. Abbott. Pp. ix+524+Answers. Pp. 86. (London: Longmans and Co.) 4s. 6d.

Nature Notes for Ocean Voyagers. By Captains A. Carpenter and D. Wilson-Barker. Pp. xvi+181. (London: C. Griffin and Co., Ltd.) 5s. net.

Bacon's Sixpenny Contour Atlas. South-East England Edition. Pp. 41. (London: G. W. Bacon and Co., Ltd.)

NO. 2357, VOL. 94¹

Who's Who, 1915 Pp. 2376. (London: A. and C. Black, Ltd.) 15s. net.

Flies in Relation to Disease. Blood-sucking Flies. By Dr. E. Hindle. Pp. xv+398. (Cambridge University Press.) 12s. 6d. net.

The Journal of the Institute of Metals. Vol. xii. Edited by G. Shaw Scott. Pp. x+392. (London: Institute of Metals.) 21s. net.

DIARY OF SOCIETIES.

MONDAY, JANUARY 4.

ARISTOTELIAN SOCIETY, at 8.—Berkeley's Doctrine of Esse: Prof. C. Lloyd Morgan.

SOCIETY OF CHEMICAL INDUSTRY, at 8.

TUESDAY, JANUARY 5.

RÖNTGEN SOCIETY, at 8.15.—*Adjourned Discussion*: Localisation of Foreign Bodies by X-Rays.

WEDNESDAY, JANUARY 6.

GEOLOGICAL SOCIETY, at 8.—The Silurian Inlier of Usk: C. I. Gardiner.—Some Observations on Cone-in-Cone Structure and their Relation to its Origin: S. R. Haselhurst.

FRIDAY, JANUARY 8

ROYAL ASTRONOMICAL SOCIETY, at 5.

GEOLOGISTS' ASSOCIATION, at 8.—The Value of Graptolites to the Stratigraphical Geologist: Gertrude L. Elles.

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