

Mechanism of typhoid infection in the rabbit. Anti-typhoid vaccination by the mouth.—A. C. **Hollande**: Pathogenic yeast forms observed in the blood of *Caloptenus italicus*.—J. **Dufrenoy**: The parasitic diseases of *Cnethocampa pityocampa* of Arachon pines.—MM. **Yamanouchi**, **Iwashima**, and **Sakakami**: Study of the influenza epidemic of 1918-19. Experiments on fifty-two voluntary subjects proved that the virus is filterable, and is found both in the sputum and in the blood of infected persons.

SYDNEY.

Linnean Society of New South Wales, March 26.—Mr. J. J. Fletcher, president, in the chair.—F. H. **Taylor**: Australian Tabanidæ, No. iv. One new genus is proposed in the subfamily Tabaninæ, and twenty-six species and one variety, referable to the genera *Silvius*, *Cydistomyia*, and *Tabanus*, are described as new.—T. **Steel**: The external parasites of the dingo (*Canis dingo*, Blum.). The occurrence of two fleas (*Ctenocephalus felis* and *C. canis*), a larval tick (near *Ixodes holocyclus*), and a louse (*Trichodectus latus*, or nearly related species) is recorded from a full-grown, pure-bred male dingo.—Dr. R. **Greig-Smith**: The germicidal activity of the eucalyptus oils, part i. When a serum-suspension of *M. aureus* was absorbed in cotton and placed in dilutions of the eucalyptus oils in olive oil for two hours at 20° C., it was found that the bactericidal power was proportional to the acidity of the oils. The germicidal effect was not caused by the acidity, but was assisted by it. The effect upon *B. coli communis* was of much the same nature, although the action of the acid was not so clearly shown. The iodide reaction was no criterion as to the germicidal value of the oils. The vapours of the oils had a decided bactericidal action.

April 30.—Mr. J. J. Fletcher, president, in the chair.—Dr. R. J. **Tillyard**: The morphology and systematic position of the family Micropterygidæ (sens. lat.). Introduction and part i.: The wings. This family of archaic, moth-like insects has been regarded as belonging to the order Lepidoptera until quite recently, when Dr. T. A. Chapman, on one hand, removed the genus *Micropteryx* alone to a new order Zeugloptera, retaining *Eriocrania* and its allies in the Lepidoptera, while, on the other, Prof. Comstock has removed the whole family bodily into the Trichoptera. The object of the paper was to elucidate the morphology of the group and to determine its correct ordinal position within the Insecta.—A. H. S. **Lucas**: Notes on Australian marine Algæ. No. ii. Descriptions of four new species.—Dr. A. B. **Walkom**: A collection of Jurassic plants from Bexhill, near Lismore, N.S.W. The known flora of the Clarence series in northern New South Wales is increased from four species to eleven, the additions indicating conclusively that the portion of the series from which they were obtained is of Jurassic age. This flora shows a closer resemblance to the Jurassic flora of Victoria than to any other Australian flora of similar age.

BOOKS RECEIVED.

Four-Place Logarithmic and Trigonometric Tables, together with Interest Tables. Edited by Prof. Louis C. Karpinski. Pp. 30. (Michigan: George Wahr, 1918.) 30 cents.

La Théorie Atomique. By Sir J. J. Thomson. Pp. vi+57. (Paris: Gauthier-Villars et Cie, 1919.) 2.40 francs net.

Géodésie Topométrique. Troisième Fascicule. Détermination du Point par Relèvement. Méthode du Service Hydrographique de la Marine Dite du

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"Point Approche." By Emile Balu. Pp. vi+57+2 plates. (Paris: Gauthier-Villars et Cie, 1919.) 6 francs net.

Introduction à la Chimie Générale. Lois Fondamentales de l'Atomisme et de l'Affinité Exposées à des Chimistes Débutants. By Prof. H. Copaux. Pp. vi+212. (Paris: Gauthier-Villars et Cie, 1919.) 7.50 francs net.

The Urethroscope in the Diagnosis and Treatment of Urethritis. By Major N. P. L. Lumb. Pp. xii+51+10 plates. (London: John Bale, Sons, and Danielsson, Ltd., 1919.) 10s. 6d. net.

Annual Reports on the Progress of Chemistry for 1918. Issued by the Chemical Society. Vol. xv. (London: Gurney and Jackson, 1919.) 4s. 6d. net.

Science and War: The Rede Lecture, 1919. By the Right Hon. Lord Moulton. Pp. 59. (Cambridge: At the University Press, 1919.) 2s. 6d. net.

Smithsonian Institution: Bureau of American Ethnology. Bulletin 59. Kutenai Tales. By Franz Boas. Together with Texts collected by Alexander Francis Chamberlain. Pp. xii+387. (Washington: Government Printing Office, 1918.)

Senior Practical Chemistry. By H. W. Bausor. Pp. viii+217. (London: W. B. Clive, University Tutorial Press, Ltd., 1919.) 3s. 6d.

A Dictionary of the Flowering Plants and Ferns. By Dr. J. C. Willis. Fourth edition, revised and rewritten. (Cambridge Biological Series.) Pp. xii+712+lv. (Cambridge: At the University Press, 1919.) 20s. net.

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