

2. Linnean Society of New South Wales.

October 30th, 1895. — 1) Geological. — 2) Jottings from the Biological Laboratory, Sydney University. No. 18. On certain Points in the Structure of the Pearly Nautilus. By Professor W. A. Haswell, M.A., D.Sc. The author gives an account of some of the sexual modifications of the tentaculiferous lobes; with a description more especially of the *spadix*, the structure of which in the mature condition does not appear to have been previously investigated. — 3) Botanical. — 4) On new localities for *Peripatus*. By Edgar R. Waite, F.L.S. — Mr. Froggatt exhibited specimens of two species of Scale Insects and parasites bred therefrom; with the following Note: — »About Sydney *Icerya Purchasi* is not a common Coccid, seldom being found in more than twos or threes upon the small branches, chiefly of *Acacia discolor*, in the bush. This year my colleague Mr. H. G. Smith had a young tree of *Acacia baileyana* in his garden at Tempe covered with this scale and he brought me a large spray swarming with adult females, which I enclosed in a box. From these I bred some hundreds of small chalcid parasites (*Euryischia lestophoni*, Riley), and also a number of dipterous parasites (*Cryptochaeton iceryae*, Willist.). At my request, Mr. Smith observed the Coccids *in situ*, and he soon found them falling off; and before very long they were all dead. No lady birds (*Coccinellidae*) or their larvae were seen upon the tree, which was cleared of the pest by the minute parasites above mentioned; and it seems evident that in this part of Australia we owe much more to these parasites than to their coleopterous enemies for our immunity from the cottony cushion or fluted scale insects as serious pests. The Floridian scale (*Icerya roseae*, Riley and Howard) has been very plentiful upon the foliage of the Grevilleas and Hakeas on the Illawarra line, and from them I have bred the same species of dipterous parasite, and numbers of the secondary parasite, a Chalcid that is parasitic upon the fly larvae *Ophelosia Craufordi*, Riley, and is therefore not an enemy of the scale insects«. — Mr. Waite sent for exhibition a specimen of *Peripatus Leuckartii*, Säng., from Colo Vale, near Mittagong, referred to in his paper. — Mr. North called attention to the numbers of dead specimens of Mutton Birds (*Nectris brevicaudus*), near Sydney, washed up on the beaches during the past fortnight, and to which reference had been made in recent issues of the »Sydney Morning Herald« by Mr. Cavendish Liardet and Mr. Woolcot-Waley. In company with the former gentleman Mr. North visited the beach at Bondi on the 30th inst., and found hundreds of the bodies of these birds. Several fresh specimens were collected in the hope that an examination would throw some light on the cause or the unusual mortality in this species. Usually it is a rare bird in New South Wales waters, and just now has probably been driven from the south, where it is abundant, by severe gales. Mr. Brazier had recorded at a meeting of this Society in December, 1880, a similar instance of mortality among several species of sea birds (Proceedings, Vol. V., p. 637).

3. Зоологическое Отдѣленіе Императорскаго Общества Любителей Естествознанія, Антропологіи и Этнографіи. (Zoologische Abtheilung der kaiserlichen Gesellschaft der Freunde der Naturwissenschaften, Anthropologie und Ethnographie.)

Sitzung am 23. April (5. Mai) 1895. — Н. М. Кулагинъ (N. M. Kulagin) referierte über den Bau des Darmcanals von *Pentastomum taenioi-*

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