

## NOTES ON AUSTRALIAN MAMMALS.

No. 1.

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(Figures 1-6).

The following notes record extensions in the range of two Australian mammals, together with remarks on a resting place of the "Little Bat," *Eptesicus pumilus*, Gray, and an extended description of the "Allied Rat," *Epimys assimilis*, Gould.

I wish to express my thanks to my colleague, Mr. J. R. Kinghorn who kindly prepared the accompanying figures, and Mr. A. R. McCulloch for his helpful advice since handing over the Department of Mammals to my charge and during the preparation of this paper.

### Family VESPERTILIONIDÆ.

*CHALINOLOBUS MORIO*, Gray, and *EPTESICUS PUMILUS*, Gray,

The only indigenous mammal hitherto listed from Lord Howe Island is the bat recorded by Etheridge<sup>1</sup> as *Chalinolobus morio*, Gray. His record was based upon a single specimen collected by his party in 1889, and which does not appear to have been preserved, since it cannot now be found although I have searched carefully through the Microchiroptera in the collection of the Australian Museum. As *Chalinolobus morio* is found in both New Zealand and Australia, however, it probably occurs at the intermediate locality, Lord Howe Island.

After carefully comparing a series of six bats in the Australian Museum collection from Lord Howe Island, which do not differ from a large series of *Eptesicus pumilus*, Gray<sup>2</sup>, from various localities in Australia, I am able to definitely record the occurrence of this species on the island.

It may be noted here that, on a recent expedition in South Australia I collected two specimens of *Eptesicus pumilus* from Tulka, near Proper Bay, which is eight miles from Port Lincoln on Eyre's Peninsula. Both specimens were found under the loose bark of the native "She Oak" (*Casuarina glauca* or *suberosa*), about six feet above the ground, and not far from a road bordered by blossoming trees which provided a surfeit of insect-food. When finished hunting the bats apparently sought shelter on trees of which the bark curled out sufficiently loosely from the trunk

<sup>1</sup> Etheridge—Mem. Austr. Mus., ii., 1889, p. 6.

<sup>2</sup> Vide Gould—Mamm. Austr., iii., 1863, pl. xlvi.