

## PRELIMINARY LIST OF THE NOCTUIDÆ OF CALIFORNIA.

## Part III.

BY AUG. R. GROTE, A. M.,

*Director of the Museum, Buffalo Society Natural Sciences.*21. *Mamestra cinnabarina* Grote (*ante.*)

Under the number 5574, Mr. Hy. Edwards sends six specimens which, in their yellow rufous color, resemble the European *M. fasciuncula*; they are distinguished by the paler hind wings, the white reniform and the absence of white outer shading to the t. p. line. The Californian species may be held to represent the European *M. strigilis*.

50. *Zosteropoda hirtipes* Grote (*ante.*)

Under the number 4408, Mr. Hy. Edwards sends the female of this interesting form. The hind wings are fuscous in the disc with a shaded fascia; they are without the gathering of longer hair on the veins, which characterize the male. The tibiæ are clothed with sparse and rather long hair, not tufted as in the male. The long pointed palpi are characteristic and the shape of the primaries and ornamentation are as in the male. By a clerical error I have given the eyes as "naked" in my original generic description. They are hairy, as in *Heliophila*, and this character, with the tufted legs, induced my approximation of the genera in the "List of the Noctuidæ of North America."

51. *Agrotis euroides* Grote, Proc. Acad. N. S., Phil., 1874, 202.

California, Mr. Behrens, No. 66; Vancouver, Mr. Hy. Edwards, No. 5576.

52. *Agrotis gravis* Grote, Bull. B. S. N. S., 2, 155.

Mendocino, Mr. Behrens, Nos. 83, 132; California, Mr. Hy. Edwards, No. 2622.

This species varies in tone. In two ♀ specimens the fore wings are yellow brown, with the stigmata concolorous. A ♂ specimen sent by Mr. Hy. Edwards from Vancouver, No. 5607, may belong here; the markings are obliterate and the primaries more rounded.