

## PLATE IV.

- 1—*Euxoa thanatologia* Dyar, var. *sordida* Smith., ♀. Calgary. The figure is a trifle too dark. The only male I have seen as dark as this specimen was taken last summer at Lethbridge, by Mr. Strickland.
- 2— “ *thanatologia*, var. ♀. The type *thanatologia* is something between this and fig. 11. It has the basal and subterminal areas pale grey, as in 11; the median about as dark as the terminal in 2, with more and longer ante-subterminal black dashes.
- 3— “ *thanatologia*, var. ♀. Paler than No. 2 basally and subterminally, with darker median area, and median shade line.
- 4— “ *thanatologia*, var. *perfida* Dod, ♀. The palest I have of this variety.
- 5— “ *thanatologia*, var. ♂. This is very near var. *boretha*, but lacks the pale collar and costa. The ground colour is brownish red, closely approaching the *ochrogaster*-like forms.
- 6— “ *thanatologia* var. ♂. This is a deep red form with ochreous grey ringed spots and shadings, which could very doubtfully have been distinguished from a common form of *ochrogaster* if it had not been bred with Nos. 2, 3, 4, 5 and several others, from eggs laid by No. 1. The introduction into the brood, unobserved, of the very dissimilar larva of *ochrogaster* is not in the least likely. The contrast in colour between the red of 5 and 6, and the brown of 3 and 4, is almost entirely lost in the photograph. The average size of the bred (forced) specimens is a little smaller than usual, though one characteristic of the species is its size variation.
- 7— “ *thanatologia*, var. *boretha* Smith, ♂. Kaslo (Cockle). Pale, very slightly reddish brown. A little darker and better marked only than a ♂ co-type in colln. Cockle. One of the males bred from No. 1 was almost exactly like this, but badly crippled on one side.