

helped me liberally in this, and lent me, along with other specimens, his *sordida* ♀ co-type.

There remains yet another well-marked form of *thanatologia*, not included in any of the above descriptions, which I now describe as follows:

Var *perfida*, var. nov. Head, collar, thorax and primaries even dull mahogany brown. A paler shade appears at the base below the median vein, sometimes pale sienna brown, sometimes greyish ochreous. This is usually very faint, diffuse, sometimes extending to the inner margin and sometimes taking the form of an ill-defined basal streak, extending to the outer extremity of the claviform. In some specimens the cross lines are barely indicated, and are rarely very distinct. The defining geminate portions may be just perceptibly darker than the ground, but they may be traceable only by the slightly paler filling of ochreous or sienna brown. Basal half line outwardly crenate in the interspaces. T. a. line almost upright, outwardly crenate in the interspaces. T. p. line with the outer portion obsolete, inwardly crenate in the interspaces, evenly outcurved over the cell, direct from veins 3 or 2 to inner margin. S. t. line indicated by a slightly paler shade, of the same colour as the filling of the other lines and the basal shading. The veins are sometimes just perceptibly darker, and there are sometimes faintly pale intervenular streaks preceding and of the same shade as the subterminal line. Claviform faintly indicated by ochreous scales. Orbicular absolutely concolorous, round or oblique, very narrowly ringed with pale ochreous grey, incomplete superiorly. Reniform moderate, pale ochreous, incompletely paler ringed, with an irregular filling of the ground colour, which is very slightly darker inferiorly. A very fine terminal darker line occasionally present, as is also a slightly paler line at the base of the fringes, which are the least shade paler than the ground colour. Secondaries not differing at all from other named forms of the species, dull fuscous, or faintly ochreous, white, dark fuscous outwardly, fringes whitish.

The number of specimens now before me to which this description applies is ten, all females, and I have never yet seen a male approaching this form. Localities: —Alberta: Calgary (6, 1 bred);