

and ornamental differences, evident though they are, but because the male genitalia show a slight, though constant, difference in form, and a very decided one in size, the eastern form having the harpes much larger and stouter.

Two males are at present before me, and Mr. Hanham has other specimens similar in appearance.

*Mamestra negussa*, n. sp.

Ground colour mouse-gray, varying a little in the amount of reddish shading. Head usually a little paler; but else no maculation. Primaries with the usual maculation all present; but nothing at all relieved or contrasting. Basal line geminate, included space a little paler, extends to the internal vein, inwardly toothed on the cell. T. a. line geminate, included space a little paler, inner portion often lost, outer brown or blackish, as a whole with a rather even outcurve, a very little toothed on the veins, tending to become distant from base so as to narrow the median space. S. t. line geminate in the costal region, else mainly defined by the slight contrast between median and s. t. spaces; when there is no such contrast the line is practically lost or marked by venular dots only. In course it is sinuate, incurved below the cell. S. t. line pale, a little irregular, in light specimens mainly defined by the darker terminal space. A series of very small, black, terminal lunules, which may be wanting. Fringes narrowly cut with pale and with a pale line at base in light specimens. Median shade obscure, outwardly oblique from costa between the ordinary spots, darkening the reniform inferiorly, then close to t. p. line, somewhat deepening the shade of the outer portion of median space. Claviform small, barely traceable or altogether wanting, a trifle paler in dark examples. Orbicular oval, oblique, of good size, varying a little in form, pale ringed and usually altogether a little paler. Reniform moderate, kidney-shaped, tending to enlarge a little inferiorly and there dark filled; narrowly pale ringed. Secondaries smoky, basally a little paler, with a dark discal lunule, a blackish terminal line and pale fringes. Beneath gray, powdery, with a smoky or blackish shade line hardly beyond the middle, and a discal spot on all wings.

Expands 37-40 mm. = 1.48-1.60 inches.

*Habitat*: Calgary, Canada, mouth of Fish Creek, on Sallows, May 1, 4 and 14 (Mr. F. H. Wolley Dod).