

*Habitat*.—Calgary, Alberta, July, August and September, F. H. Wolley Dod.

Twenty examples, representing both sexes in almost equal numbers. The relationship is to *messoria* because of the obvious median line; but also to *tessellata* because the space between the ordinary spots is darkened. It is one of the group containing *incubita*, *terrenus* and *pleuritica*; differing from each as much as they do from each other.

*Mamestra obesula*, n. sp.—Ground colour a somewhat luteous gray, more or less shaded with reddish gray and smoky brown. Head with brown or blackish frontal line; collar with median and subapical black lines; patagia with black or brown submarginal line; disc a little discoloured, tufts well marked. Primaries with all the ordinary markings well defined, but so broken and shaded as to seem confused. Basal line black, geminate, included space pale, dislocated on the median vein. T. a. line geminate, black, the two portions almost equally defined, included space of the palest ground; as a whole a slight outcurve, only a little indented on the veins. T. p. line geminate, obscure, inner portion a little lunulate, outer almost even; as a whole it is abruptly bent on the costa, a little curved over the reniform and somewhat drawn in below. There is a narrow, obscure, median shade line which crosses obliquely between the ordinary spots and afterwards continues from the bottom of reniform, close to the t. p. line. S. t. line pale, somewhat contrasting, preceded by sagittate black spots, strongly indented on veins 3 and 4 and again below the apex, forming in the first case a conspicuous, pale W. A series of black terminal lunules. The long fringes are interlined, a little notched, cut with whitish opposite the veins. Claviform rather broad and short, black margined, filled with smoky, forming a conspicuous feature. Orbicular round or oval, oblique, pale ringed, dark centred, an oblique paler shading, continued behind the claviform to the t. p. line. Reniform large, upright, a little drawn in centrally, more so from outside, narrowly pale ringed, dusky-filled. Secondaries pale yellowish to a broad blackish margin. There is a smoky discal lunule, a narrow smoky line before the broad margin, and the fringes are yellowish. Beneath, reddish gray, powdery, each wing with a blackish discal mark, a smoky median line, a dusky s. t. shading before a pale terminal space, and a series of small terminal lunules.

Expands 1.20–1.32 inches = 30–34 mm.