

margin, and a blackish cloud in the middle. The legs are entirely yellow, and the femora hardly noticeably darker.

"3. *M. obesus* Ph. *M. rufo-castaneus*; antennisque nigris; thorace vittis tribus nigris, maculisque sex helvolis picto; abdomine crasso, ad medium marginum posticorum segmentorum macula parva helvola notato, ad latera immaculato; alis fusco-bimaculatis; pedibus rufo-fuscis, femoribus piceis. Length $3\frac{1}{4}$ lines, expanse of wings almost 9 lines.

"Specimen prope Corral aestate 1863 $\frac{3}{4}$ lectum est.

"The proboscis is yellowish, the frontal prominence over the antennae yellowish white. Of the spots on the thorax two are before the scutellum, another on either side before the base of the wing, and one on each side before the end of the scutellum. The fifth abdominal segment has a narrow yellow posterior margin, which coalesces with the yellow spot in the middle of the same. The abdomen is dull, the base of all the segments is clothed with fine reclinate hair, which gives the effect, that they shimmer gray in certain lights. This is the thickest and largest species and separated from *M. crassus* through the lack of yellow colour on the sides of the margins of the abdominal segments. By closer observation the whole colouring is seen to be quite different.

"4. *M. gracilis* Ph. *M. corpore obscure brunneo*; thorace quam maxime gibboso, flavo-picto; abdominis tenuis, cylindrici, apici incrassati segmentis lateribus helvolo-marginatis; pedum luteorum femoribus supra fusciscentibus; alis infuscatis, immaculatis. Length $3\frac{1}{2}$ lines, Expanse of wings 7 lines.

"Inhabiting the province of Valdivia.

"The dark brown eyes are white pilose, the antennae brown, the frontal protuberance above the same whitish yellow, the light yellow proboscis is hardly half as long as the body. The thorax is brown, clothed with yellowish hair in front and ornamented with pale yellow marks. The prothorax has a yellow margin, the mesothorax is marked with four short yellow stripes above, with two short yellow stripes above the scutellum and a yellow stripe on each side, which commences back of the base of the wing. The scutellum is unmarked above, brown, but the underside is yellowish. The abdomen is very thin, cylindrical, thickened posteriorly; the second segment is as long as wide, smaller posteriorly, the third segment at least $1\frac{1}{2}$ times as long as broad, the fourth similar, the fifth of the same length, but thickened posteriorly, the sixth segment is small, directed downward, not visible from above. The colour on the dorsum is dark brown, on the side each segment has a yellow spot, becoming broader posteriorly; the fourth and fifth have above in the middle of the posterior margin a small yellow spot, which on the fifth segment coalesces with the (also yellow) hind margin. The venter is yellowish. The wings are infuscated, brownish gray, unspotted.

"5. *M. tristis* Ph. *M. corpore nigro, sub-unicolore*; thorace minus gibboso, flavo-punctato; abdominis gracilis segmento primo lateribus, tertio in margine postico flavis; pedibus ferrugineis, femoribus atris, basi tibiarum nigricante; alis infuscatis, nubecula centrali obscuriore. Length of body $3\frac{1}{2}$ lines, expanse of wings 6 lines.

"Taken in my Valdivian estate at San Juan, of which I have frequently spoken.

"The yellow proboscis is about half as long as the body or only a little