

long, pale at the base, blackish at the apex; the second segment is coarsely punctured on the black base and apex, where the hair is black; on the orange band the hair is pale; the third and fourth segments are covered with long black hair, the fifth and sixth densely clothed with silvery pubescence all over. The ventral surface is black, except the base of the fourth segment, which is pale yellow; the apices of all the segments are fringed with long silvery hair; the second segment with large punctures; the basal segment strongly punctured laterally, its base and apex oblique, the keel a little depressed in the middle, not raised at the base or apex. The wings are fusco-violaceous, clear at the base and in the middle; the radial cellule short and broad, about as long as the first cubital cellule; the basal abscissa of the radius oblique, the apical abscissa a little curved; at the bottom the first cubital cellule is as long as the second; the first transverse cubital nervure is curved, the second elbowed in the middle; at the top the second cubital cellule is a little longer than the space bounded by the first transverse cubital and the first recurrent nervures; the latter is received in the basal fourth of the cellule; the third cubital cellule reaches near to the apex of the radial; the lower part of the third transverse cubital nervure is indistinct, and reaches near to the second.

118. *Sphærophthalma relata*.

Nigra; capite, thorace abdominisque apice albo-pilosis; abdominis segmento 2^o maculis 2 aurantiis; alis fusco-violaceis. ♂.

Long. 12 millim.

Hab. MEXICO, North Yucatan (*Gaumer*).

The head distinctly narrower than the thorax, a little rounded in front and behind; covered all over with a dense dull silvery pubescence; the part behind the eyes not half their length; the antennal tubercles rufous; the mandibles black and bearing rather long black hair. The antennæ not much longer than the thorax, black; the scape covered with longish silvery hair; the flagellum with a fuscous down; the third joint a little shorter than the fourth. The thorax is more than twice the length of the head, and half the length of the abdomen; it is a little contracted behind the points of insertion of the wings; black, the pronotum and the scutellum densely covered with dull silvery pubescence; the mesonotum is very coarsely punctured, and covered with stiff black hairs; the depression at the base of the scutellum is wide and deep, and the middle of the scutellum projects into it as a shining, bare, triangular tooth. The median segment has a sharply rounded slope and is coarsely reticulated; the base is covered with a depressed silvery pubescence; and in the middle is an elongated shagreened area, rounded at the apex. The pro- and mesopleuræ bear large, round, widely separated punctures, and are sparsely covered with pale hair; the metapleuræ are coarsely reticulated, and bear long pale hairs. The abdomen is black, except for two large pale orange-yellow maculæ on the apex of the second segment;