

the middle to the apex, the base broadly rounded, the apex with a semi-oblique slope; black, covered with black hairs; a broad curved band of pale golden pubescence on the apex of the mesonotum; the mesopleuræ with golden pubescence; the apex of the metapleuræ coarsely punctured. The abdomen a little longer than the head and thorax united, and broader than the thorax, black; the basal segment strongly punctured and sparsely covered with long fuscous hair; on the base of the second segment are two small round yellow marks, and towards the apex are two larger ones of the same colour, which are broader than long; the fourth and fifth segments densely covered with silvery pubescence; the pygidium finely longitudinally striolate and fringed with long fuscous hair. The basal ventral segment has a long stout keel, which is punctured, and more or less rufous; at the base it is nearly straight; the apex is oblique. The second ventral segment is strongly punctured and sparsely covered with long white hair. The other ventral segments are thickly haired. The legs are black and covered with long white hair; the calcaria and spines are black.

✓ 70. *Sphærophthalma cobira*.

Long. 12 millim. ♀.

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

Very similar in coloration to *S. proclea*; but differing from it in having the third joint of the antennæ double the length of the fourth, and in the four spots on the second abdominal segment being reddish-orange (not yellow), the spots large, the hinder pair more rounded in shape. The head subquadrate, nearly transverse in front, rounded behind, densely covered with pale fulvous pubescence; the part behind the eyes longer than their length; the basal part of the mandibles rufous. The antennæ stout; the scape curved, covered with long white hair; the flagellum brownish beneath; the third joint twice the length of the fourth. The thorax black, covered with black hair, gradually narrowed from the middle to the apex; a broad curved band of white pubescence on the apex of the mesonotum; the base rounded, the apex with a semiperpendicular slope; the mesopleuræ strongly punctured and covered with white hair; the apex of the metapleuræ much more strongly punctured than the mesopleuræ. The abdomen black, covered with black hair; the fourth and fifth segments densely covered with silvery pubescence; on the second segment are four large roundish orange spots, the hinder pair being the larger. The pygidium coriaceous, fringed with pale hair. The basal ventral segment with a stout keel, hollowed in the centre, the apex oblique; black, the rest of the segment rufous. The second ventral segment strongly punctured, and covered with long pale hair; the other ventral segments more thickly covered with longer white hair. The legs black, thickly covered with white hair; the calcaria and spines black.