

or less infuscated; the wings do not reach the apex of the abdomen, the third transverse cubital and the second recurrent nervures are obliterated entirely, and the cubital nervure is also obliterated at the second transverse cubital nervure. In some respects it agrees with *S. paron*, *e. g.* in having only two transverse cubital nervures; but its body is narrower and more elongated, and the petiole is longer and narrower and not so much dilated towards the apex.

In *S. coequalis* (♂) the outer piece of the ædeagus is narrow, sharply pointed, and curved at the top; at the curve on the inner side it bears long hair; the volsella is long, narrow, reaches near to the top, and is marked with some stiff bristles.

135. *Sphærophthalma coequalis*.

Ferruginea, longe fusco-hirta, abdomine fusco-maculato; femoribus tibiisque posterioribus fuscis; alis hyalinis, nervis pallidis, stigmatibus fuscis. ♂.

Long. 13 millim.

Hab. MEXICO, Northern Sonora (*Morrison*).

The head is distinctly narrower than the thorax, narrowed and rounded behind, not much developed behind the eyes; punctured, but not roughly, and with the punctures distinctly separated, shining, covered with long soft white hair; the ocelli in a black spot and with a semicircular furrow in front; the tips of the mandibles black. The antennæ are not much longer than the head and thorax united, very little attenuated towards the apex; rufous, covered with a white down and long white hair, the scape paler; the third and fourth joints subequal. The pro- and mesonotum not very shining, rather strongly punctured, covered with long pale soft hair; the propleuræ strongly punctured, almost reticulated; the mesopleuræ much less strongly punctured and with the punctures widely separated. The median segment has a gradually rounded slope, and is covered with long pale fuscous hair; the back reticulated; the sides rather strongly punctured, except at the base, where there is a smooth shining space. The petiole is a little shorter than the second abdominal segment; it is gradually widened towards the apex and without a distinct neck at the base; very coarsely punctured and covered with long pale fuscous hair. The other segments are scarcely punctured, sparsely covered with fuscous hair, and black at their apices. The petiole beneath is punctured somewhat strongly, keeled down the edges, and covered with long pale hair; the other segments are impunctate beneath, at most only obscurely shagreened, very sparsely haired, and blackish at the apices; the apical segment is keeled at the tip, and also, but more obscurely, along the sides. The legs are covered with long white hair; the anterior pair are paler than the others, and have no black on them; about three-fourths of the middle femora and the greater part of the hinder femora are blackish; the four hinder tibiæ are dark fuscous; the calcaria are blackish. The wings are clear hyaline and reach near to the apex of the abdomen; the costa and nervures are pale testaceous, almost pale yellow; the stigma is fuscous; the base and apex of the