

the basal segment is longer than wide, and is of equal breadth throughout, its base is oblique, the segment bearing large deep punctures, and sparsely covered with long black hairs; the second segment is moderately strongly punctured, and bears longish, depressed, stiff black hairs; the third and fourth segments are punctured, and covered with long black hair; the fifth segment is densely covered with silvery pubescence; the pygidium is covered with long black hairs, its middle being indistinctly carinate. The ventral surface is entirely black; the keel on the basal segment is distinct, and projects at the base into a blunt triangle; the second segment is moderately strongly punctured, and is sparsely covered with pale hairs; the other segments are much more finely punctured, and more densely covered with longer pale hairs; the hypopygium is more strongly punctured, and is sparsely covered with black hairs, its base is depressed and oblique, the middle bluntly keeled, the keel becoming narrower and more distinct towards the apex. The legs are black, and are covered with silvery pubescence; the calcaria are black. The wings are fusco-violaceous throughout; the radial cellule is elongate, but does not reach the apex of the third cubital cellule; the first abscissa of the radius is sharply oblique, the apical abscissa straight or nearly so; the first cubital cellule is shorter than the radial; the second cubital cellule is much longer than the first, but not longer than the radial; the third cubital cellule is distinct, and is much narrowed at the bottom, where it is hardly half the length of the top of the second cellule; at the top the latter is as long as the space bounded by the first transverse cubital and the first recurrent nervures; the first recurrent nervure is received shortly beyond the basal third of the cellule; the second recurrent nervure is interstitial. The tegulæ are large, longer than wide, and bear large deep punctures.

Characteristic of this species is the tooth on the base of the scutellum.

### 119. *Sphærophthalma perfidiosa*.

Nigra; abdominis basi late rufo; capite et thorace longe albo-hirtis; alis fumatis. ♂.  
Long. 11-13 millim.

*Hab.* MEXICO, Tepetlapa in Guerrero 3000 feet (*H. H. Smith*), San Blas (*Schumann*).

The head nearly as wide as the thorax, slightly rounded in front and behind, punctured, densely covered all over with long dull griseous hair; the space behind the eyes hardly one-half their length; the antennal tubercles and the mandibles black, the latter bearing long white hair. The antennæ shorter than the head and thorax united, stout, black; the scape covered with long pale hair; the third joint a little longer than the fourth. The thorax is more than twice the length of the head, not much narrowed behind; the pronotum densely covered with a silvery pubescence and with long silvery hair; the mesonotum coarsely punctured and covered with long fuscous hair; the scutellum covered with long silvery hair; the median segment with a rounded slope and reticulated, the base with a dense, short, pale fulvous pubescence, the rest of the