

the top rounded; above strongly punctured and sparsely covered with fuscous hair; the propleuræ punctured. The abdomen is slightly wider than the thorax, shorter than the head and thorax united; the basal segment ferruginous, the apex fringed with golden hair; the second segment punctured, black, with a broad pale yellowish band in the middle; the other segments black, clothed with long black hairs; the pygidium clothed laterally with long pale hairs. The legs are covered densely with long pale fulvous hair; the femora black, the knees, tibiæ, and tarsi testaceous.

✓ 52. **Sphærophthalma gratiosa.**

Long. fere 5 millim. ♀.

Hab. PANAMA, Volcan de Chiriqui 3000 feet (*Champion*).

Head wider than the thorax, rounded in front, distinctly concave behind; the eyes large, the part of the head behind them not half their length; ferruginous, covered with golden pubescence. The antennæ pale ferruginous, the apical two joints black; the scape curved, bare, the third and fourth joints subequal. The thorax ferruginous, distinctly longer than the head, not much narrowed towards the apex, very slightly contracted in the middle, the tubercle distinct; rounded in front, the apex with an oblique slope, the sides tuberculate; above punctured and covered with golden pubescence. The propleuræ closely punctured. The abdomen longer than the head and thorax united, sharply and gradually narrowed from the middle of the second segment to the apex; the basal segment pale ferruginous, the apex with a band of pale golden pubescence; the second segment black, and having a broad band of pale golden pubescence in the middle; the third segment black; the other segments densely covered with golden pubescence. The ventral segments pale ferruginous; the apices fringed with fulvous hair. The legs pale ferruginous, covered rather densely with fulvous hair.

In the coloration of the abdomen *S. gratiosa* agrees closely with *S. minutoria*, except that the apical segments are densely covered with golden hair; also differing from that species in having the abdomen longer than the head and thorax united, the sides of the median segment tuberculate, and the eyes very much larger.

The following species have been described by Smith so imperfectly, that I am unable to refer them to their proper section:—

✓ 53. **Sphærophthalma luxuriosa.**

Mutilla luxuriosa, Smith, Descr. of New Species of Hymen. p. 224¹.

Sphærophthalma luxuriosa, Blake, Trans. Am. Ent. Soc. xiii. p. 255².

Hab. MEXICO¹.