

✓ 65. **Sphærophthalma xalapa.***Mutilla xalapa*, Blake, Trans. Am. Ent. Soc. iii. p. 249¹.*Sphærophthalma xalapa*, Blake, op. cit. xiii. p. 245².*Hab.* MEXICO (*Sumichrast*^{1 2}).✓ 66. **Sphærophthalma zapoteca.***Mutilla zapoteca*, Blake, Trans. Am. Ent. Soc. iii. p. 250¹.*Sphærophthalma zapoteca*, Blake, op. cit. xiii. p. 245².*Hab.* MEXICO (*Sumichrast*^{1 2}).

B. *The basal segment of the abdomen not or feebly dilated towards the apex, and not confluent with the second.* (Species 67 *et seq.*)

✓ 67. **Sphærophthalma laothoe.**

Rufo-brunnea, aureo-hirta; pedibus brunneis; abdomine maculis 2 nigris. ♀.

Long. fere 10 millim.

Hab. MEXICO, San Blas in Jalisco (*Schumann*).

Head distinctly narrower than the thorax, ferruginous; the vertex and front densely covered with golden pubescence; the cheeks and clypeus with the pubescence longer and more silvery; in front distinctly rounded; behind, the centre is transverse, with the sides rounded; the part behind the eyes not one-half their length. The mandibles black, with the base ferruginous. The antennæ of moderate thickness and black; the scape rufous, covered with golden hair; the basal joints of the flagellum dull reddish beneath, the third joint about one-quarter longer than the fourth. The thorax is twice the length of the head; the base almost transverse in the middle; from the middle it becomes gradually narrowed to the apex, which has an oblique slope; ferruginous; the base of the mesonotum covered broadly with black hair, the rest of it and the median segment covered densely with golden hair; the mesopleuræ densely covered with long pale golden hair; the metapleuræ at the apex with large round punctures. The abdomen is shorter than the head and thorax united, ferruginous, the basal segment slightly and gradually dilated towards the apex; coarsely punctured; sparsely covered with long pale hair; the apex with a dense band of silvery pubescence. The second segment at the base has a large, somewhat oval, mark of black hairs, the apex in the centre bears a patch of black hair, and the apex at the sides is fringed with silvery pubescence; the rest of the segment, except the black parts, having scattered golden hairs. The third segment is black in the middle, the sides covered with golden hair; the fourth and fifth segments are entirely covered with golden hair. The pygidium is black, longitudinally striated, the apex entire; the sides fringed with long black hairs. The basal ventral segment has a blunt keel, the apex with a rather