

✓ 30. **Sphærophthalma lycimnia.** (Tab. XIV. fig. 13, ♀.)

Long. 12 millim. ♀.

Hab. MEXICO, Cordova (*Höge*).

Head a little wider than the thorax, rounded in front, almost transverse behind, the hinder angles moderately rounded; ferruginous, except the posterior orbits and the upper part of the occiput behind; covered with long, pale, fuscous hair, the posterior orbits with silvery pubescence; the mandibles ferruginous, with the tips black. The scape of the antennæ punctured, sparsely covered with white hair; the flagellum reddish beneath; the third joint more than twice the length of the fourth. The thorax coarsely punctured above; the base almost transverse; from there it becomes slightly dilated to near the middle, and is then rather abruptly and distinctly narrowed, the pleura projecting into a stout blunt tooth; the sides rugged; the apex at the top is rounded, the rest oblique. The propleuræ are blackish and finely aciculated, and sharply separated from the mesopleuræ; the base of the mesopleuræ is black, above and at the sides before the tooth they are obscurely punctured and covered with a pale pubescence, behind it they are shining, impunctate, and glabrous; the apex of the metapleuræ is blackish, this being also the case with the apex of the median segment. The pubescence on the thorax is white. The basal segment of the abdomen is covered with long white hair. On the base of the second segment are two oval reddish maculæ; and at the apex are two transverse ones, which are double the size of the basal pair, the apical pair being almost united in the middle. The third to the fifth segments are closely punctured at the apex and covered with dull reddish hair. The pygidium is pale ferruginous, except at the extreme apex, and thickly covered with long, stiff, pale, golden pubescence. The basal ventral segment has a V-shaped raised space in the centre in front; the keel is blunt, and ends before the apex of the segment, its base being oblique. The second segment has large, widely-separated, punctures, and is sparsely covered with rather long white hairs. The other ventral segments are fringed also with long white hair. The hypopygium is ferruginous. The femora and tibiæ are covered with white hair; the tibial spines are ferruginous, the calcaria pale fulvous; the tarsi thickly covered with ferruginous pubescence.

This species may be readily known from the others here described with four orange spots on the abdomen by the projection on the middle of the thorax, and by the thorax being entirely ferruginous.

✓ 31. **Sphærophthalma phedyma.** (Tab. XIV. fig. 15, ♀.)

Long. 12 millim. ♀.

Hab. GUATEMALA, El Tumbador 2500 feet (*Champion*).

Very similar in coloration to *S. mirandillensis*, but with the head bulging out behind and the eyes concave (instead of transverse) posteriorly.