

the vertex with a large mark of golden pubescence, its sides with some long black hairs; the front with some pale golden pubescence; the apex of the clypeus rounded; the base of the mandibles broadly ferruginous, and covered with long pale hairs, furrowed. The scape of the antennæ covered with silvery hair; the flagellum with silvery pubescence; the third joint twice the length of the fourth. The thorax is coarsely punctured, not very much longer than the head, and narrowed towards the apex; the base is rounded; the apex sharply oblique; the middle with a shallow indentation; along the sides are two belts of golden pubescence. The basal segment of the abdomen bears long white hair. The second segment bears short depressed black hair, and laterally a silvery pubescence; at the base are two small pale orange marks, and nearer the apex are two large transverse oval maculæ of golden hair. The third to the fifth segments are finely and closely punctured at the apex, and fringed with pale silvery hair. The pygidium is densely covered with golden pubescence.

The next species agrees almost in coloration with *S. phedyma* and *S. lycimnia*, it having the head covered with a dense fulvous pubescence, this being also the case with the mesonotum, and the abdomen has two large and two small orange marks, the legs being black. *S. sonorensis*, however, may be easily separated from these species by the head being broadly rounded posteriorly, and not keeled down the edges, it being also convex, not slightly concave behind.

✓ 40. **Sphærophthalma sonorensis.** (Tab. XIV. fig. 18, ♀.)

Long. 8 millim. ♀.

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

Entirely ferruginous, except the apical segments of the abdomen, which are blackish in the middle. The head densely covered with pale hair, small, much narrower than the thorax, rounded in front, almost transverse behind; the eyes not projecting; the part behind them not much longer than their width, hardly narrowed, the edges rounded; the tips of the mandibles blackish. The antennæ thick; the scape bare; the third joint rather more than one-half longer than the fourth. The thorax twice the length of the head; the base transverse, raised above the level of the head; the sides straight, without teeth or tubercle, not, or hardly, narrowed towards the apex; densely covered with long pale hair; the apex of the median segment with an oblique slope. The pleuræ are shining and covered with long white hair. The abdomen is longer than the head and thorax united; the base rounded; the segments from the second becoming gradually and rather sharply narrowed towards the apex; the second segment strongly punctured, the punctures clearly separated; the third, fourth, and fifth segments fringed with silvery pubescence; the pygidium smooth, shining, im-