

closely punctured. The legs entirely ferruginous, the hair white; the tibial spines long, sharp, and ferruginous; the tarsal spines bright ferruginous.

✓ 48. **Sphærophthalma ludovica.** (Tab. XIV. fig. 24, ♀.)
Long. 8 millim. ♀.

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

Head distinctly wider than the thorax, the part behind the eyes roundly narrowed and not equalling half their diameter; ferruginous, the vertex black, with a small ferruginous mark in the centre, which bears a bright golden pubescence; the front with silvery pubescence; the mandibles ferruginous, the tips black. The antennæ rather stout, ferruginous; the apical four joints black; the third joint not much longer than the fourth. The thorax with a distinct neck, the part immediately behind the neck rounded, the middle very slightly incurved, the apex with a semiobliquely rounded slope; finely and closely coriaceous; the pleuræ shining, except a small punctured part on the mesopleuræ in the middle at the top, which is black; in front of the mesonotum are two oblique black marks, and on either side of the median segment are two broad black longitudinal lines, extending to the apex. The abdomen is elongate, longer than the head and thorax united, ferruginous, punctured; the first and second segments are covered with silvery and golden pubescence; on the base of the second segment are two large, somewhat triangular black marks united at the apex; the pygidium is thickly covered with golden hair. The basal ventral segment has a distinct keel, the apex of which is oblique; the second segment is strongly punctured; the third and fourth ventral segments, and the base of the fifth, are black, the apex of the fifth and the sixth ferruginous. The legs are ferruginous, the hairs on the tibiæ golden.

✓ 49. **Sphærophthalma rustica.**
Long. 7 millim. ♀.

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

Head distinctly wider than the thorax; the eyes largely projecting, a little longer than the hinder part of the head, which is roundly narrowed; ferruginous, the hinder orbits black; covered with a short golden pubescence and with some long black hairs; the apex of the clypeus is distinctly transverse. The mandibles are almost entirely ferruginous; they are slightly punctured and clothed with golden hairs. The scape and the second joint of the antennæ are reddish, the scape with white hairs; the third joint is about one and a half times longer than the fourth. The thorax is rounded at the base; the apex has a semioblique slope, the top being broadly rounded; before the middle is a stout triangular tooth, followed by a small rounded tubercle in front of the usual tubercles; the centre is distinctly but not deeply curved inwardly; the sides