

and covered with a thick silvery pubescence; the vertex broadly ferruginous; the clypeus fringed with long pale fulvous hair; the mandibles entirely black. The scape of the antennæ covered with white hair; the flagellum brownish beneath; the third joint about twice the length of the fourth, not much narrower at the base than at the apex. The thorax is not much longer than the head, the base rounded; sharply narrowed from the tubercle; the edges rough, the sides of the median segment denticulate; coarsely punctured, and covered with white hair; the apex black (the black triangularly projecting in the middle), obliquely rounded, densely covered with long white hair. The pleuræ shining, impunctate, except at the apex, which has some moderately large punctures; covered with a short white pile. The basal segment of the abdomen covered with long white hair; on the base of the second segment are two oval transverse orange marks, and at the apex are two larger round ones; the third and following segments are covered with white hair; the pygidium black, covered with pale fulvous hair. The first ventral segment triangular at the base, shining, the sides depressed, the keel blunt, rising gradually at the base; the punctures on the second segment large and irregular; the apices of the segments fringed with white hair. The femora and tibiæ sparingly covered with long whitish hair, that on the tibiæ having a fulvous tinge; the pubescence on the tarsi bright ferruginous.

✓ 33. **Sphærophthalma mirandillensis.**

Long. 12 millim. ♀.

*Hab.* GUATEMALA, Mirandilla 1700 feet (*Champion*).

Agrees almost in coloration with *S. cordovens*, except that the pleuræ are reddish at the base, and that there is a black triangular mark at the base of the mesonotum; also differs in the hinder edges of the head not being broadly rounded, while behind it is distinctly convex.

Head distinctly wider than the thorax, transverse in front, convex behind; the edges rounded posteriorly, but not broadly; coarsely punctured; the vertex ferruginous, the hair on it black; the apex of the clypeus rounded, dull piceous; the mandibles ferruginous before the apex, their base bearing long white hair. The scape of the antennæ covered with white hair, its apex ferruginous; the flagellum obscure brownish beneath; the third joint distinctly narrowed at the base, rather more than twice the length of the fourth. The thorax not much longer than the head, coarsely punctured; the mesonotum bearing blackish hair, the median segment with longer white hair; the base rounded; the apical half distinctly narrowed; the apex with the sides coarsely toothed at the base, oblique; ferruginous, a somewhat triangular elongate mark at the base and apex black. There is a subtriangular ferruginous mark on the pleuræ at the base, the central part of this being striolated; the apex has widely-separated punctures; the base of the mesopleuræ is obscure ferruginous. The