

✓ 28. *Sphærophthalma amphissa*. (Tab. XIV. fig. 11, ♀.)

Long. 9-12 millim. ♀.

*Hab.* MEXICO, Temax in North Yucatan (*Gaumer*).

Head very slightly wider than the thorax, coarsely punctured, from the base of the antennæ thickly covered with golden pubescence; the apex of the clypeus rounded; the mandibles broadly ferruginous in the middle; the antennal tubercles ferruginous on the outside. Behind the eyes the head projects very little, and is there about one and a half times their length; it is slightly, but distinctly, concave posteriorly; the sides are rounded. The scape of the antennæ is shining, and is covered with white hair; the flagellum is covered with a dense pale down; the third joint is one half longer than the fourth. The mesonotum is coarsely punctured; there is a broad patch of golden pubescence on the sides, originating from a little behind the middle, and continued down the sides of the median segment as a narrower band; the base of the mesonotum rounded; the sides in the middle broadly incised, with a tooth at the base and a blunt shining tubercle in the centre, there being also a sharp tooth before the tooth at the base of the incision; the middle of the incision acute. The apex of the median segment is semiperpendicular. The pleuræ are impunctate, glabrous, and shining; a semioblique crenulated keel before the middle. The abdomen closely coriaceous, thickly covered with stout, stiff, depressed hair; the basal segment with long white hair; on the second segment are two oval, shining, orange maculæ; the third and following segments are densely covered with silvery pubescence; the pygidium densely covered with long, stiff, golden hair. The basal ventral segment has a straight keel, and there are two oblique keels on the sides, and also a few punctures on them; the second segment is covered with large punctures, and with long pale fulvous hair; the other ventral segments are finely punctured and fringed with white hair. The legs covered with white hair, it being especially long on the tibiæ; the tibial spines are short; the apices of the tarsal joints with ferruginous hairs.

In two examples the maculæ on the second abdominal segment are shining and without golden hair—in the others the golden pubescence is thick and hides the sculpture—and the silvery patch on the sides of the mesonotum is wanting; but this is perhaps due to abrasion. The hinder portion of the propleuræ may be punctured, and it does not project. The hair on the apical ventral segments may be silvery or golden.

✓ 29. *Sphærophthalma orithyia*.

Long. 13.5 millim. ♀.

*Hab.* MEXICO, Paso del Macho (*Höge*).

Head slightly, but distinctly, broader than the thorax and not much shorter than it; coarsely punctured, the punctures on the front running almost into reticulations; the