

✓ 12. **Sphærophthalma beata.** (Tab. XIV. fig. 4, ♀.)

Long. 6 millim. ♀.

*Hab.* PANAMA, Bugaba 800 to 1500 feet (*Champion*).

Head slightly wider than the thorax, black, thickly covered with a dull silvery pubescence, and with some rather long fuscous hairs; behind deeply and roundly concave; the keel above terminating in a short tubercle. The thorax not twice the length of the head, not much narrowed towards the apex, ferruginous, sparsely covered with long fuscous hairs; the sides not narrowed, with a small round incision at the middle only, which has a tubercle at its base; closely and rather strongly punctured; the median segment with a gradually rounded slope. The abdomen black, covered with a short stiff pile, and with long black hairs; down the centre is a straight line of white pubescence, and in the middle is a transverse line of similar pubescence; the terminal segment is smooth. The ventral segments are covered with long white hairs; the basal segment is ferruginous. The legs are ferruginous and covered with white hairs. The antennæ are black, with the four basal joints ferruginous; the third joint is nearly twice the length of the fourth.

*S. beata* agrees practically in coloration with *S. inimica*; but that species may be readily known from it by the thorax being longer compared to the head, and much more narrowed behind, with the base oblique (not rounded) and ending in two teeth, and the sides of the median segments stoutly spined.

✓ 13. **Sphærophthalma caltha.** (Tab. XIV. fig. 6, ♀.)

Long. 7-8 millim. ♀.

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

Head a little wider than the thorax, black, rather thickly covered (especially on the front) with long white hair; broadly, but not deeply, concave behind, bluntly rounded in front; the sides ending in stout curved keels. The mandibles are ferruginous. The antennæ are rather long, entirely black; the third joint twice the length of the fourth. The thorax is ferruginous, not much longer than the head, hardly narrowed towards the apex; the base semi-oblique laterally; the middle slightly incurved, with a tubercle in the centre; the median segment with a gradually rounded slope. The abdomen black, velvety; in the centre of the second segment are two elongated, transverse, yellowish-white maculæ; the pygidium shining, minutely punctured, densely covered with a silvery-golden pubescence. The legs black, and covered with silvery pubescence.

Compared with *S. inimica* and *S. beata* this species has the keels behind the head much more developed; and it further differs in having the head black.