

punctate, the rest of the segment being closely punctured; the second segment is closely, rugosely punctured; the third segment is shining, finely transversely striated. The first and second segments bear long black hairs; the fourth and following segments are fringed with longish silvery hair; the basal segment is reddish, suffused with black, the second black, with two transverse yellow marks bordered with reddish, the third blackish at the apex, reddish at the base, the others black. The legs covered with silvery hair; the hinder femora suffused with fuscous.

b. *The head ferruginous.* (Species 45–52.)

- 1 (2). The thorax laterally with long sharp spines . . . . . *subgracilis*.
- 2 (1). The thorax without long spines.
- 3 (4). The abdomen black, with four yellow marks on the second segment; the thorax deeply incised . . . . . *cephalica*.
- 4 (3). The abdomen for the greater part ferruginous, without yellow marks; the thorax not deeply incised.
- 5 (6). The thorax at the apex with short blunt teeth . . . . . *odiosa*.
- 6 (5). The thorax at the apex without teeth.
- 7 (12). The second abdominal segment without a broad yellow band.
- 8 (9). The thorax elongate, narrowed towards the apex, and with four black marks down the sides above, much narrower than the head . . . . *ludovica*.
- 9 (8). The thorax not elongate, not narrowed towards the apex, and without black marks.
- 10 (11). The thorax a little incised at the middle, entirely ferruginous; the black marks at the base of the second abdominal segment widely separated . . *rustica*.
- 11 (10). The thorax not incised, and with a black line down the middle . . . *ingrata*.
- 12 (7). The abdomen black, with a broad yellow band on the second segment.
- 13 (14). The part of the head behind the eyes equalling them in length; the apex of the abdomen black . . . . . *minutoria*.
- 14 (13). The part of the head behind the eyes not equalling them in length; the apex of the abdomen golden . . . . . *gratiosa*.

✓ 45. **Sphærophthalma subgracilis.** (Tab. XIV. fig. 21, ♀.)

Long. 6 millim. ♀.

*Hab.* PANAMA, Volcan de Chiriqui 4000 feet (*Champion*).

Colour rufo-testaceous, the apex of the second, and the third and fourth abdominal segments black. Head with the eyes a little wider than the thorax, slightly convex in front, much narrowed behind, the hinder angles rounded, the central part somewhat convex; the part behind the eyes slightly exceeding them in length, the eyes themselves projecting largely; finely rugose, and covered with a golden pubescence, but not so thickly as to hide the sculpture; the clypeus impunctate, shining; the mandibles entirely ferruginous, sparsely covered at the basal half with long hairs. The scape of