

✓ 5. **Spheg guatemalensis.** (Tab. III. figg. 4, ♀; 4 a, ♂.)

Nigra, capite et thorace longe aureo-hirtis, abdomine subtus, basi mandibularum, femoribus subtus late, geniculis, tibiis tarsisque, rufis; alis fusco-hyalinis, apice fumatis, fere violaceis. ♂ ♀.

Long. 28 millim.

Hab. GUATEMALA, San Gerónimo (*Champion*).

The golden hair is very bright and dense on the face, clypeus, front, pronotum above, prosternum, sides of mesonotum, mesopleuræ below the tegulæ, tubercles, and on metanotum; on the rest of the thorax it is thinner and fulvous. Middle of the clypeus projecting, incised in the centre. Scutellum comparatively bare, deeply sulcated in the centre, and more shining than the mesonotum. A furrow in the centre of the metanotum. Petiole as long as the hind coxæ, densely covered with pale golden hair, sulcated in the centre above. Abdomen with an olive tinge, sericeous. Coxæ and trochanters densely covered with a golden pile, the tibiæ and tarsi also pilose.

The male has, as usual, the hair on the head and thorax much thicker and longer; the abdominal segments reddish along the sides and at the extreme base and apex above; and the clypeus truncated at the apex and not produced in the middle. The amount of red on the femora varies.

S. guatemalensis may be known from *S. hirsuta* by the wings not being yellow and having the nervures black, the petiole sulcated, and the abdomen reddish beneath, and also by the much brighter golden pile, &c.

✓ 6. **Spheg tinctipennis.** (Tab. III. fig. 5, ♀.)

Nigra, capite thoraceque longe fusco-pilosis, facie argenteo-pilosis; clypeo truncato; alis flavo-fuscis, apice fumatis. ♀.

Long. 20 millim.

Hab. GUATEMALA, El Tumbador 2500 feet (*Champion*); COSTA RICA, Cache (*Rogers*).

Sparsely punctured, shining; metanotum opaque, finely transversely striated. Hair longish, varying in tint from pale to fuscous, but inclining to fulvous on the metanotum; the tubercles, a stripe along the top of the pronotum, the metanotum at the base, and a spot on either side of the apex of the latter, silvery. Antennæ longer than the thorax, the fourth joint about half the length of the third. Apex of the clypeus projecting, almost truncated, but indistinctly waved. Eyes slightly converging at the apex. Frontal furrow small, narrow, shallow. Furrow in the centre of the mesonotum indistinct, but along the sides broad, shallow; scutellum indistinctly depressed in the centre. Petiole stout, curved, and as long as the hind coxæ; sparsely covered with long pale hairs. Abdomen sparsely clothed at the base with soft pale hair, at the apex still more sparsely with longer fuscous hair. Legs more or less pruinose, the coxæ bearing longish silvery hair, the trochanters and femora more sparsely clothed with hair. Second cubital cellule a little wider above than beneath; the third at the top about one fifth of the length of the bottom, being there less than the space bounded by the second transverse cubital and the second recurrent nervures.