

the inner side of the eyes, and not raised into more or less blunt ridges. The metathorax is usually shorter, or, at least, hardly longer, than the mesothorax, and rounded at the apex; the body is hairy and bee-like; and the apex of the radial cellule is rounded. Nearly 150 species of *Tachytes* (and *Tachysphex*) have been described from all the zoological regions; and sixteen are known from North, and twenty-four from South America.

✓ 1. ***Tachytes yucatanensis***. (Tab. IV. fig. 18, ♀.)

Niger; tibiis tarsisque ferrugineis; alis fulvo-fumatis. ♀.

Long. 17-18 millim.

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

Antennæ sparsely microscopically pilose, the scape bearing long white hairs; the third joint about one quarter longer than the fourth. Head below the ocelli covered thickly with rather long fulvous hair, the front, vertex, and occiput more sparsely with fuscous, intermixed with pale, hair. Eyes at the top separated by about the length of the second and third antennal joints united; ocelli surrounded by a distinct margin and by a furrow on the outer side of the latter. Vertex and front opaque, closely punctured. Clypeus closely punctured; the apex broadly rounded, slightly projecting. Mandibles at the base reddish and closely covered with short fulvous hair; palpi rufous. Thorax opaque, closely and rather strongly punctured; the pronotum above and the pleuræ and sternum bearing pale golden hair, the sides of the mesonotum thickly covered with fulvous hair; the rest of the mesonotum and metanotum with long pale fuscous hair. There is an elongated fovea in the centre of the metanotum at the apex. Abdomen as long as, or a little longer than, the thorax, shining, aciculate; the sides of the basal three segments bearing a silvery pile. Pygidial area with a distinct lateral margin, rather sharply rounded at the apex, and covered thickly with deep coppery-golden pile; apical ventral segment at the apex bearing some large coarse punctures and some long hairs; the penultimate segment also punctured at the apex and bearing some long rufous hairs; the ventral segments pale at the apices. Legs bearing a golden or silvery pile, the spines and spurs rufous; the tarsal spines paler than the tibiæ; the hind tibiæ broadly blackish in the middle; the claws blackish. The second cubital cellule at the top is a little shorter than the third, and somewhat longer than the space bounded by the two recurrent nervures.

✓ 2. ***Tachytes guatemalensis***. (Tab. IV. fig. 19.)

Niger, fusco-hirtus; alis fere hyalinis, antice fulvo-fumatis. ♀.

Long. 16 millim.

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

Antennæ not much longer than the pro- and mesothorax united, thick, the flagellum