

than twice the length of the fourth. Pronotum with an indistinct shallow curved furrow. The thorax is finely rugose and opaque, and bears a pile very similar to that of the head and has some short scattered hairs; on either side of the metanotum at the apex is a tuft of golden pile; the scutellum bears some coarse longitudinal striations; postscutellum rugose; metanotum transversely striated, depressed in the middle; there are no furrows on the pro- and mesonotum; a curved furrow runs down from the tegulæ. Tibiæ sparsely, the tarsi densely, spinose, and, like the femora and coxæ, bear a hoary pile. The second cubital cellule is about one half wider than the third, and its top is scarcely one half the length of the bottom; the first recurrent nervure is received very little before the middle of the cellule; the third cubital cellule is at the top rather more than one half the length of the bottom; the third transverse cubital nervure on the lower side curves towards the apex of the wing, and then about one third from the bottom curves towards the base.

√ 25. **Ammophila chiriquensis.** (Tab. I. fig. 9, ♀ *.)

Nigra, aureo-pubescent et fusco-pilosa, sparse punctata; metathorace transverse striato; clypeo truncato; petiolo abdominis segmentisque 2° et 3° rufis; alis fere fuscis, apice fumatis. ♀.

Long. 23 millim.

Hab. PANAMA, Volcan de Chiriqui 4000 to 6000 feet (*Champion*).

Head broader than the mesothorax; the face densely clothed with golden, the vertex with a thin short silvery, pubescence; sparsely covered with a longish fuscous or pale silvery hair. Front and vertex obsoletely punctured; front deeply depressed in the centre, a furrow in the middle, originating at the ocelli which are surrounded by a furrow; ocelli placed nearly in a triangle. Clypeus with a few large scattered punctures, truncated in the middle, slightly retreating, the furrow deep, wide, and uneven. Third antennal joint twice the length of the fourth. Pronotum with a >-shaped furrow, the lower part of which is much wider and deeper than the upper. Thorax finely and sparsely punctured; scutellum coarsely longitudinally striated; metanotum finely and closely transversely striated. The prothorax above the tubercles, a broad oblique band on the meso- and metapleuræ, and a spot on either side of the metanotum, covered with golden pubescence; the rest of the thorax bears a short silvery pile and has sparse greyish hair. The central furrow on the mesonotum is broad and indistinct, that on the prothorax is almost obsolete; a narrow keel runs down from the tegulæ. The second joint of the petiole is much thicker than the basal joint, and like it is finely longitudinally aciculated; the second joint is for the greater part black on the top.

* The genital organs figured on Tab. I. fig. 9a do not belong to the male of this species, but to that of *A. alticola*.