

## 2. *Geophilus toltecus*. (Tab. III. figg. 8, 8 a-c.)

*Arthronomalus toltecus*, Humb. & Sauss. Rev. et Mag. Zool. 1869, p. 159<sup>1</sup>.

*Arthronomalus (Polycricus) toltecus*, Humb. & Sauss. Miss. Sci. Mex., Myriop. p. 143, t. 6. fig. 23<sup>2</sup>.

*Colour* testaceous, slightly darker anteriorly; head and maxillipedes pale castaneous; shining.

*Body* attenuated posteriorly.

*Head* sparsely punctured, marked posteriorly by two anteriorly diverging shallow sulci; rather wider in front than behind, with straight anterior and slightly convex posterior border, evenly rounded angles, and nearly straight sides; nearly twice as long as wide; frontal plate distinct.

*Antennæ* of moderate length, clothed with shorter and longer hairs; the segments much narrowed at the base; apical segment ovate, slightly longer than the penultimate.

*Basal plate* narrow, but wider than long, narrower posteriorly than the first tergite, its sides strongly converging, mesially impressed; *prebasal plate* invisible.

*Maxillipedes* sparsely punctured and hairy; *coxal plate* mesially impressed, very nearly as long as wide, sides parallel, anterior border bearing two pointed teeth, without chitinous lines, the pleuræ, seen from below, very narrow; femur slender, with a single internal blunt tooth, largely overlapping the head at the sides; claw bearing a sharp basal tooth, only slightly overlapping the head in front, the joint being about on a level with the anterior angle of the head.

*Tergites* sparsely hairy, except the two first and the last two, bisulcate, some in the anterior half of the body, with two feeble impressions between the main sulci.

*Pleural prescuta* larger than the tracheal sclerites which are in contact with the tergites.

*Sternites* mesially impressed longitudinally, without distinctly defined porous area.

*Anal somite: tergite* about as long as wide, not covering the pleuræ posteriorly and laterally, narrowed posteriorly; *pleuræ* furnished with about 30 larger and smaller, more or less scattered pores, the pores set more closely together near the sternite; *sternite* narrow, longer than wide, its sides posteriorly converging, lightly impressed; presternal sclerites distinct; *legs* slender (in ♀), composed of six segments, a little longer than the preceding pair, the segments nearly cylindrical and furnished distally with a few long hairs, not armed with a claw; two anal pores.

Number of pairs of legs 51.

Length 40 millim.

*Hab.* MEXICO, Eastern Cordillera and Orizaba (*Saussure*<sup>1 2</sup>), Omilteme in Guerrero 7000 to 9000 feet (*H. H. Smith*).

## 3. *Geophilus godmani*, sp. n. (Tab. III. figg. 11, 11 a-c.)

*Colour* ochraceous; head and maxillipedes castaneous.

*Head* longer than wide, its sides subparallel, lightly convex posteriorly; posterior border straight, punctured, with two posterior longitudinal impressions.

*Basal plate* narrow, narrower in front than the head, its sides diverging posteriorly, a little wider than the head posteriorly, but much narrower than the first tergite; *prebasal plate* invisible.

*Antennæ* setose, short, the segments nearly cylindrical and decreasing in length distally, the apical segment a little longer than the penultimate.

*Maxillipedes* very large, as wide as the first tergite, largely overlapping the head laterally and anteriorly by at least the length of the claw; *coxal plate* punctured with a median longitudinal impression; chitinous lines absent, pleuræ just showing at the sides, the anterior border bidentate, the jaws directed straight forwards, parallel, punctured, the femur armed internally with a tubercle; the claw armed with a distinct basal internal tooth.

*Tergites* bisulcate, smooth.

*Sternites* with a median longitudinal impression.

*Anal somite* wider than the one that precedes it; the tergite narrow, oblong, narrower than its prescutal piece, longer than wide, nearly parallel-sided, a little narrowed distally. *Pleuræ* large, inflated, considerably