

between it and the pleuræ nearly parallel to the long axis of the body, basal plate narrow, much narrower than the first tergite.

*a*<sup>1</sup>. Anal tergite short and wide, covering the pleuræ in front . . . . . *toltecus*, H. & S.

*b*<sup>1</sup>. Anal tergite much longer, narrower, not covering the pleuræ in front; pleuræ distinctly porous above.

*a*<sup>2</sup>. Coxæ of maxillipedes scarcely punctured; posterior legs shorter, stouter, the segments decreasing in length distally; under 30 mm. in length, and with fewer than 60 pairs of legs . . . . . *stolli*, sp. n.

*b*<sup>2</sup>. Coxæ of maxillipedes coarsely punctured; anal legs longer, the segments distally increasing in length; over 40 mm. in length, and with over 70 pairs of legs.

*a*<sup>3</sup>. Anal pleuræ weakly inflated, and not extending forward on each side of the anal prescutum . . . . . *salvini*, sp. n.

*b*<sup>3</sup>. Anal pleuræ strongly inflated and extending forwards on each side of the anal prescutum . . . . . *godmani*, sp. n.

### 1. *Geophilus aztecus*. (Tab. III. figg. 7, 7 *a-c*.)

*Geophilus aztecus*, Humb. & Sauss. Rev. et Mag. Zool. (2) xxi. p. 159 (1869)<sup>1</sup>; Miss. Sci. Mex., Myriop. p. 140, t. 6. fig. 21 (1872)<sup>2</sup>.

*Colour* ochraceous, legs testaceous, head and maxillary coxæ pale castaneous, the tergites sometimes marked in the anterior half of the body with a median wide fuscous band which becomes progressively less distinct towards the hinder extremity.

*Body* attenuated posteriorly, hairy.

*Head* a little wider than long, about as wide behind as in front, its anterior and posterior borders straight, lateral borders evenly and lightly convex from angle to angle, punctured and hairy; frontal suture not invisible.

*Antennæ* short, clothed with shorter and longer hairs, stout, only a little attenuated; the segments narrowed at the base, the apical segment subcylindrical, a little longer than the penultimate, abruptly narrowed and pointed at its apex.

*Coxal plate of maxillipedes* wider than long, its sides strongly converging posteriorly, chitinous lines incomplete, anterior border not dentate, lightly excavated, punctured and shortly hairy; pleuræ embracing the sides of the sternite, conspicuous from below; *jaws* short, largely overlapping the head at the sides, but scarcely overlapping it in front, the joint of the claw falling short of the anterior angles of the head. *Prebasal plate* just visible, but very short. *Basal plate* wide and long, as wide posteriorly and as long as the first tergite, its anterior border lightly concave, its lateral borders strongly converging anteriorly.

*Tergites*, including the first, but with the exception of a few of the last, bisulcate; shining, sparsely hairy.

*Sternites* with a median longitudinal impression and a posterior transverse porous area.

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

*Anal somite: tergite* almost covering the pleuræ, a little wider than long, wider in front than behind, its sides gently converging posteriorly, with rounded posterior angles; *pleuræ* not inflated, smooth, without pores, at least on their uncovered portion, bearing a few rounded pores beneath the edge of the sternite; *sternite* wide, wider than long, with gently converging, lightly convex sides and straight or slightly concave hinder margin; prosternal pieces distinct; *legs* about as long as those of the preceding somite, composed of six segments and armed with a claw, thicker in the male.

Numbers of pairs of legs 57 and 59.

Length up to 52 millim.

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