

Obtained under rotting wood &c. about the clearings and neighbouring forest (*H. H. Smith*).

## 2. *Lithobius pontifex*, sp. n. (Tab. I. figg. 4, 4 a-d.)

*Colour*: upper surface deep ochraceous; head, antennæ, and first tergite deep castaneous and polished; legs and lower surface clear olivaceous.

*Body* robust, scarcely attenuated anteriorly, strongly attenuated posteriorly.

*Head* a little wider than long, smooth, very finely and obscurely punctured, the frontal plate deeply grooved longitudinally and mesially, with raised margin.

*Eyes* composed of 11 ocelli, 1+3, 3, 4, the posterior and superior eyes subequal in size and larger than the rest, the inferior eyes the smallest.

*Antennæ* long, about half the length of the body, attenuate, composed of 53-56 short, subcylindrical segments, thickly hairy, sparsely so at the base, the apical segment longer, but not thicker, than the penultimate.

*Coxal plate of maxillipedes* sparsely punctured and hairy, its anterior border nearly straight and but little produced, scarcely excised in the middle line, bearing 3+3 minute, separated teeth, whereof the external is the largest and somewhat spiniform.

*Tergites* very finely punctured, and, with the exception of the first two, conspicuously wrinkled and sparsely hairy: from the first to the sixth with rounded angles and straight posterior border; the sixth with its angles produced and widely rounded; the seventh also with its angles widely rounded, but more produced than in the sixth; the ninth, eleventh, and thirteenth with their angles strongly produced and sharp; the eighth, tenth, and twelfth with straight or only very lightly emarginate posterior borders; the fourteenth with widely, but not deeply, emarginate border.

*Sternites* sparsely hairy, mesially and laterally impressed.

*Legs*: first pair absent; anal legs short, shorter than the fourteenth pair, stout, armed beneath as follows—0, 1, 3, 3, 1; the tibia very thick, thicker than the patella, its upper inner margin hairy, and deeply and widely grooved longitudinally, the groove bearing a conspicuous elongate prominence; the first tarsal segment also enormously enlarged, as wide as and a little longer than the tibia, piriform, narrowed behind, its upper surface deeply and widely excavated, the distal tarsal segment slender and terminated by a double claw; coxa of the anal leg armed with a single superior spine; fourteenth pair of legs of normal form, with unarmed coxa; coxal pores 5, 4, 4, 3, mostly very large and rounded.

Length 27 millim.; of antenna 12.5 millim.

*Hab.* MEXICO, Amula in Guerrero 6000 feet (*H. H. Smith*).

A single male specimen. This species differs from the preceding in the lesser number of its maxillary teeth and of its antennal segments.

## 3. *Lithobius humberti*, sp. n. (Tab. I. figg. 5, 5 a-c.)

*Colour* obscure ochraceous, with an olivaceous tint; head and antennæ with castaneous tint; legs and lower surface a little paler than the upper surface.

*Body* robust; a little narrowed anteriorly and posteriorly.

*Head* considerably wider than long, more convex than the body, very indistinctly punctured; the frontal longitudinal furrow shallow.

*Eyes* composed of 10 ocelli, 1+3, 3, 3, the posterior ocellus in contact with the anterior cluster; the superior and posterior ocelli larger than the inferior and anterior.

*Antennæ* long, a little more than half the length of the body, composed of 52 or 53 short subcylindrical segments, the apical segment longer, sometimes much longer, but not thicker, than the one that precedes it, thickly hairy, except at the base.

*Coxal plate of maxillipedes* smooth, hairy in front, with a deep median longitudinal sulcus, its anterior border not much produced, distinctly bilobed, the margins of the lobes directed inwards, each furnished with three sharp teeth, whereof the two internal are larger and stronger, and the external smaller and weaker.

*Tergites* smooth at the anterior end of the body, lightly wrinkled, and shortly hairy posteriorly: first to the fifth with rounded angles and straight posterior border; sixth and seventh with the angles produced, but