

The caput has a few black prominent bristles in the ocular region and on the clypeus, the height of which is much less than half that of the facial space.

Eyes very unequal in size, the fore-laterals much the largest, the fore-centrals smallest; they form very nearly a semicircle; the curve of the anterior row is much the strongest; the convexity of the curves of both rows is directed forwards. The four centrals form a quadrangle whose length is much greater than its breadth, and its anterior shorter than its posterior side. The eyes of the hinder row are about equally separated.

Legs moderately long, very unequal in length, 1, 2, 4, 3, or 2, 1, 4, 3, but little difference between 1-2 and 3-4. Those of the first and second pairs robust, armed with spines, of which there are four pairs of strong ones in a longitudinal series beneath the tibiae and two pairs beneath the metatarsi, and one or two lateral spines. The colour of the legs is dull yellow tinged with orange, and faintly and irregularly annulated with brownish; the third and fourth pairs are yellow, and the spines few and weak; a compact claw-tuft beneath the tarsal claws.

Falces strong, rather long, straight, somewhat tapering, of a dull orange-yellow-brown colour, with an irregular dark brown patch at the base and a few strong bristles towards their inner sides.

Maxillæ strong, moderately long, straight, rounded at their extremity on the inner side, of a yellow-brown hue.

Labium similar in colour to the maxillæ or rather darker, rather more than half their length, and of a somewhat tapering form, truncated at the apex.

Sternum longer than broad, the posterior extremity drawn out into a point between the coxæ of the fourth pair of legs, which are in rather close proximity to each other. The colour is yellowish, with a broadish margin and central patch of dusky brown.

Abdomen oval; upperside yellowish-white, almost entirely occupied by a broad, central, longitudinal, strongly dentated, yellow-brown band, broadest at the middle, and along each lateral margin are four shining, transparent, dull, amber-coloured, circular, convex spots or pustules of different sizes, forming a slightly curved longitudinal line on each side; sides dull brownish-yellow, with several obscure oblique whitish lines; underside brownish-yellow along the middle, margined laterally by a whitish suffused line. The form of the genital aperture was plainly visible, though not yet perfectly developed. The abdomen is thinly clothed with hairs and a few dark prominent bristles.

Hab. MEXICO, Atoyac in Vera Cruz (*H. H. Smith*).

TROCHOSA, C. L. Koch.

Trochosa insignis, sp. n.

Adult male, length $7\frac{1}{3}$ lines; length of cephalothorax 4 lines, breadth of ditto 3 lines.

Cephalothorax oval, truncated in front; lateral marginal impressions at the caput moderate, profile level. Colour dark yellow-brown, deepening to black-brown on the ocular area, with darker converging lines and three well-defined longitudinal orange-yellow-brown bands; the central band is the narrowest, and begins almost as a mere line clothed with white hairs, close behind the anterior row of eyes, widening behind the posterior row; the two lateral bands run through the caput as well as the thorax, leaving a narrower dark yellow-brown submarginal band and a marginal line clothed with white hairs.

Eyes in the ordinary position; the quadrangle formed by the four large posterior eyes is slightly broader than long, and its anterior side distinctly shorter than the posterior side; the anterior eyes of the quadrangle are larger than the posterior eyes; the anterior row of four eyes forms a very nearly straight transverse line (if curved, the convexity directed backwards), a little shorter than the second row, and its eyes are about equally separated by less than a central eye's diameter; the two central eyes are largest. The centre of the clypeus (which is very narrow) is orange-yellow-brown, clothed with white hairs, as also is the fore extremity of the orange-yellow-brown lateral band on each side. The fore part of the caput is furnished with some long, strong, black bristles.

Falces powerful, dark orange-brown, thickly furnished with black hairs and bristles.

Palpi moderate in length and strength; colour yellow-brown; cubital and radial joints short but of equal length; the humeral joint has four short black spines in a transverse row near the fore extremity of the