

the interval between the hind-centrals is less than between each and the hind-lateral next to it, but the fore-centrals are further from each other than from the fore-laterals, which are smallest and the fore-centrals largest of the eight, each lateral pair seated on a strong tubercle; clypeus low, equal in height to the diameter of a fore-central eye, and retreating.

Legs 1, 4, 2, 3, or 4, 1, 2, 3, moderately strong, not very long, furnished with hairs and spines, the latter most numerous on the tibiae of the second pair. Colour yellow-brown, with a pale, not very distinct, annulus near the base of the tibiae; the metatarsi and tarsi pale brownish-yellow.

Falces rather weak, with a strongish, somewhat tuberculiform, prominence at their base in front. Colour brownish-yellow, marked with dark yellow-brown.

Palpi short; cubital joint with a long, strong, prominent tapering bristle near the middle of the fore side; digital joint large, with its outer side directed underneath. Palpal organs of great size and development and directed outwards; they are not very complex, but have a strong, corneous, prominent, somewhat furcate, process in front, with a much smaller spiny one behind it, the whole encircled at the base by a strong corneous rim or spine.

Maxillae and *labium* blackish, with somewhat whitish extremities.

Sternum about equal in length and breadth, with a large central triangular area, strongly dentated on the sides, and of a pale yellowish hue, with three white spots at the apex, a large elongate one quite at the angle, and a small one on each side.

Abdomen short-oval, pointed, but not sharply, behind, clothed with hairs and longish strong bristles, some almost spines. Colour pale yellowish, pretty thickly marked with black, mostly in a transverse direction; there is no special pattern traceable, but at the middle of the anterior extremity are two small, round, adjacent, whitish-yellow spots, and at a little distance further back are two long, conspicuous, transverse, pale whitish band-like markings with black margins, one on each side of the median line, where they meet; behind the outer extremity of each of these markings is another small one, following each of which again are several more or less distinct broken lateral stripes of the same hue. Anal prominence of large size and segmentate. Spinners tolerably strong, those of both the upper and under pairs about equal and 2-jointed. Underside blackish, with a large irregular but well-defined whitish bilobate marking on each side of the middle, and a round spot of the same colour between it and the spinners.

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*).

TURCKHEIMIA, Cambridge.

Turckheimia scelesta, sp. n.

Adult female, length $3\frac{1}{2}$ lines; length of abdomen $2\frac{1}{2}$ lines.

Cephalothorax of normal form; the depression between the caput and thorax very strong, as also are the oblique indentations dividing the caput from the thorax. Thoracic indentation deep, somewhat curved or transverse, the convexity of the curve directed forwards, and immediately in front of it is a somewhat tuberculiform shining prominence, broader behind than before, and its sides hollow or indented. The cephalothorax is of a deep yellow-brown colour; ocular region much paler, clothed thinly with grey hairs.

Eyes subequal, the fore-centrals largest. The central quadrangle is longer than broad, and its anterior side much longer than the posterior. The interval between the hind-centrals is equal to half a diameter, that between the fore-centrals slightly over a diameter.

Legs short, strong, 1, 4, 2, 3, 1 and 4 very nearly equal, furnished with hairs and spines. Colour yellow, rather distinctly annulated, and marked with yellow-brown and black-brown; the greater part of the femora and the genuæ of the first pair black-brown.

Falces strong, vertical, deep yellow-brown.

Maxillae and *labium* yellow-brown.

Sternum longer than broad, its posterior extremity rather drawn out and pointed; its colour is yellow, with two central, longitudinal, slightly converging, elongate, deep brown patches. Prominences on the margins opposite the insertions of the legs; the two anterior prominences are very convex, round, and of abnormally large size, nearly coalescing at the middle of the fore margin of the sternum.

Abdomen large, double as long as broad, somewhat oblong, and generally flattish above. The fore extremity