

Turckheimia nodosa, sp. n.

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

Cephalothorax black, shining, and glossy; caput abruptly elevated, the summit rather flat; thorax rather higher at the beginning of the posterior slope than at its junction with the caput. Thoracic indentation rather deep and transverse, a whitish longitudinal central line running from this indentation backwards.

The *eyes* of the central four form a quadrangular figure, whose posterior side is much less in length than its anterior side.

The *legs* are dull reddish-orange, with black and pale yellowish annuli; palpi black, with a yellow annulus at the base of the radial joint.

Falces black.

Maxillæ and *labium* deep black-brown, tipped with a pale hue.

Sternum heart-shaped, black, with a central longitudinal yellow-ochreous stripe on its posterior half.

Abdomen large, of a somewhat quadrate form, with its fore corners rounded off; upper surface flattish convex, with four very large divergent corner-gibbosities which are enlarged and round at the extremities, of a blue-blackish metallic hue, clothed with short yellowish and other hairs and pubescence. At the posterior extremity between the two hinder gibbosities are two others much smaller, of a nipple form, and in the median longitudinal line, the anterior one being slightly the longest. These last, as well as the whole upper surface, hinder slope, and sides of the abdomen, are of a dull reddish-orange-yellow, marked with a bold pattern of oval and other forms, of a deep blackish-yellow-brown colour, and of a velvety appearance, the various markings margined with a line of bright yellowish-white hairs. The colours and markings are apparently caused by dense pubescence. The underside is black, marked on each side with two or three transverse scribbly lines of white hairs. The genital process is very small and inconspicuous, and of a dull whitish-leadened hue. Spinners black-brown.

Hab. GUATEMALA, Chicoyoito (*Turckheim*).

We are indebted to Mr. Sarg for an example of this exceedingly interesting spider; it was found by Herr von Turckheim in its small geometric snare on a citron-tree at Chicoyoito.

Turckheimia walckenaërii, sp. n.

Adult female, length $2\frac{1}{2}$ lines.

The *cephalothorax* has the caput considerably raised, and the sides of the thorax gibbous, the indentations between these two parts (caput and thorax) being very strong, and at the thoracic junction is a deep transverse somewhat curved pit or indentation. The colour is deep brown, paler on the front and sides of the caput, and clothed, but not densely, with coarse whitish or grey hairs.

The *eyes* are small, in the usual three groups. The four central eyes describe a square whose anterior side is longer than the posterior, and its eyes are placed close to the fore margin of the clypeus.

The *falces* are not very long, but strong, inclined backwards and of a deep brown hue.

The *legs* are rather short, moderately strong, clothed with coarse grey and other hairs, and a very few fine spines, relative length 1, 2, 4, 3, or 1, 4, 2, 3. They are of a yellow colour, the fore half of the femora of the first and second pairs is deep blackish-bistre-brown, the other legs and joints annulated with deep brown.

The *palpi* resemble the legs in colour and armature.

The *maxillæ* and *labium* are deep brown tipped with dull yellowish.

The *sternum* is black, with eight dull orange spots or eminences round the edge, corresponding with the insertions of the legs. The posterior spot is geminated, forming one only for the two posterior legs.

The *abdomen* is large, somewhat quadrate, and has a small subconical eminence on each side towards the anterior extremity, and four others forming a group, two in the median line and one on each side at the posterior extremity, which extends considerably over the spinners, and is somewhat caudiform; the distance from the spinners to the eminences being equal to the whole length of the abdomen. The colour above and on the sides is pale yellowish-brown, marked with black markings and whitish spots and lines (owing to the shrinking of the epidermis in spirit of wine but little regular pattern can be seen, excepting a large curvilinear diamond-shaped marking indicated by white lines, just in front, in the middle, of