

between these prominences is dark brown mixed with yellowish-brown and blackish; it is much widest in front and bounded on each side by a dentated blackish line, rather broadly bordered outside by a whitish-yellow bar; a slightly curved but irregular blackish line connects these two anterior prominences transversely, and is bordered outside by a very distinct yellowish-white stripe; in the middle, in front of this, is a black-brown dentate marking edged with yellowish-white and tapering to its fore extremity, the front of the abdomen being dark brown mixed with blackish and yellow-brown. The sides are pale yellow-brown, marked with parallel dark brown and dull whitish lines running perpendicularly from the upper to the underside. The underside is black, with a longitudinal, lateral, curved, pale sooty band on each side and some white irregular markings, the chief of which are two (one on each side) near the middle, and another on each side and just in front of the spinners. The spinners are yellow-brown, short and compact.

*Hab.* PANAMA, Bugaba (*Champion*).

This spider is allied to *E. armata*, *E. rigida*, and *E. hypocrita*.

### ***Epeira guatemalensis*, sp. n.**

*Adult female*, length 6 lines; *adult male*,  $1\frac{3}{4}$ –2 lines.

The *cephalothorax* is of the usual general form, but the occiput is a little gibbous. It is of a dull yellowish colour, clothed with grey hairs and pubescence, and has a large, somewhat irregular, central, deep yellow-brown patch extending backwards in a broken tapering form, and with some irregular markings of a similar colour in front on the caput. There is also a broad, irregular, marginal reddish-yellow-brown band.

The *eyes* are small, but in the usual three groups; those of the central group form a quadrilateral figure, and are seated on a slight prominence—its anterior eyes are rather larger and form a longer line than the posterior pair, which last are separated from each other by an eye's diameter. The height of the clypeus equals nearly the diameter of one of the fore central eyes.

The *falces* are of tolerable length and strength, similar to the cephalothorax in colour, clouded and marked in front (where they are rather prominent) with dark brown.

*Legs* moderately long, not very strong, of a yellowish hue, spotted and annulated with deep yellow-brown; the femora of the first and second pairs are suffused with reddish. They are clothed with greyish and other hairs, and armed with spines both dark and pale-coloured.

The *palpi* are similar in colour and armature to the legs.

The *maxillæ* are deep brown, broadly margined at their extremities with pale yellowish-white.

The *labium* is also dark brown, tipped with whitish.

The *sternum* is yellow-brown, with some indistinct paler blotches opposite the insertion of the legs.

The *abdomen* is large, massive, subtriangular, rather rounded before and somewhat truncate behind; near each of the fore corners or shoulders is a subconical elevation, and at the hinder extremity a group of five similar ones, though some are not so large—four form a diamond-pattern, with the fifth in the centre, the smallest being the posterior one. From this group the abdomen runs perpendicularly to the spinners. A large portion of the upperside, which is whitish-yellow, clothed with greyish-yellow pubescence, is occupied by a somewhat tapering, irregularly-edged blackish area extending from the fore margin at its greatest width to the anterior humps or elevations, and then with an incurved direction to the exterior humps of the hinder group—this area has in the middle of its broadest part (in front) several white blotches, of which the central one is far the largest and most conspicuous. The sides are similar in colour to the upper part and have a large blackish mottled patch near the spinners; and the underside is blackish, with two white spots in a transverse line just in front of the genital process, this latter being strong and prominent, and terminating with a short, strong, somewhat tapering epigyne, whose direction is backwards and parallel with the under surface of the abdomen. The spinners are short, strong, compact, dark brown, the superior pair striped with yellow. The anal prominence is very distinctly 3-jointed, yellow marked with dark brown. The perpendicular portion between the spinners and the group of prominences is suffused with reddish-yellow-brown.

In the *male* the abdomen nearly resembles that of the female in form; some of the prominences, however, terminate with a minute red-brown spine or point, and the upperside is of a somewhat quadrate form, of