

than broad; the posterior pair of eyes are larger than the anterior, which last are separated from the lower margin of the clypeus by an eye's diameter. The eyes of each lateral pair are almost contiguous to each other, and are placed in a parallel line to the lower margin of the caput.

The *falces* are strong, vertical, prominent near the base in front, and of a dull yellowish hue.

The *legs* are short, 1, 4, 2, 3, or 1, 2, 4, 3, moderately strong, of a brownish-yellow colour, faintly annulated with yellow-brown, mostly so near the anterior extremities of the femora. They are furnished with hairs and spines, but most of them are rubbed off, though, judging from what remain, the spines are not very long nor strong, nor very numerous.

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

*Maxillæ* and *labium* yellow-brown, tipped with pale yellow. *Sternum* brownish-yellow.

The *abdomen* is large, short heart-shaped, or subtriangular, a little broader in front than long, somewhat subangular before as well as behind, and projects greatly over the thorax. At the broadest part in front there is a slight subangular prominence on each lateral margin at the shoulders, and close behind it, on each side, a sharply dentated deep brown line runs backwards towards the spinners, where the two lines converge and almost unite. The triangular area included between these dentated lines is dark yellowish-brown, the rest of the upperside and sides being of a dull hue closely mottled with whitish cretaceous spots; in the middle of the most prominent part of the anterior extremity is a large white spot. The sides have some broken blackish markings, and the underside, which is of a dull brownish colour, has two white blotches, one on each side of the median line, halfway between the frontal process and the spinners. This process is prominent and characteristic in form, and has a slender, sinuous, transversely rugulose epigyne directed horizontally backwards over its aperture.

*Hab.* PANAMA, Volcan de Chiriqui (*Champion*).

This spider belongs to the *E. angulata*, Clk., group.

### ***Epeira rufa*, sp. n.**

*Adult female*, length 4 lines.

This fine species is of the *E. angulata*, Clk., group.

The *cephalothorax* is of a brownish-orange-red colour, clothed with fine greyish hairs.

The *eyes* are in the usual position; those of the central group form as nearly as possible a square, whose posterior side may be very slightly longer than the anterior; the eyes forming the posterior side are of an amber colour and are larger than the others, though nearer together. The height of the clypeus is about equal to the diameter of one of the fore centrals.

The *falces* are powerful, vertical, and similar in colour and clothing to the cephalothorax.

The *legs* are moderately long and strong; they are of an orange-brown colour annulated with yellow, the extremities being reddish-bistre-brown; their relative length is, 4, 1, 2, 3, though the difference, if any, between 4 and 1 is very slight. They are armed with not very strong spines, and clothed with greyish and other hairs.

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

The *sternum* is similar to the cephalothorax in colour, but of a deeper hue towards the margins, and clothed with greyish hairs.

The *maxillæ* and *labium* resemble the falces in colour, but are paler at their extremities.

The *abdomen* is large, subtriangular, projects well over the base of the cephalothorax, and is produced at its fore extremity on either side into a strong, pointed, conical eminence. Its colour is a uniform brownish-yellow tinged with reddish, and darkest in front. It is clothed with fine greyish pubescence, and has a few dark bristles and hairs. Between the spinners (which are strong, short, and compact) and the genital aperture are two large cream-white blotches in a transverse line. The genital process is large, prominent, and of an obtuse transverse shape, with an epigyne of a short, broad form, rounded at the extremity, and directed a little backwards over its aperture; its colour is a shining rich brown-black.

*Hab.* GUATEMALA, between Petet and Chicoyoito (*Sarg*); PANAMA, Bugaba (*Champion*).