

of which Mr. Sarg gives a very similar description to that of the one found at Cubilguitz; and from Menché adult females.

### **Epeira purpurascens, sp. n.**

*Adult female*, length 8 lines; *adult male*, length 5 lines.

*Cephalothorax* dark reddish-brown, clothed, but not thickly, with greyish hairs, from some of which the surface (apparently) gets purple tints in some lights.

The *eyes* of the central group are seated on a slight prominence, and form a quadrilateral figure whose posterior side is much shorter than the anterior; the eyes forming the posterior side are much smaller than those of the anterior, and are separated from each other by only about half a diameter's interval. Those of each of the lateral pairs, which are smallest of the eight, are seated obliquely on a small tubercle, and are not quite, though almost, contiguous. The height of the clypeus is about equal to the diameter of a fore central eye.

The *falces* are strong, vertical, similar to the cephalothorax in colour, and clothed with greyish hairs.

The *legs* are rather long, strong, relative length 1, 2, 4, 3, of a dark yellow-brown hue, clothed with hairs, of which those on the tibiae have a reddish hue, the rest dark, mixed with grey; they are also armed with spines, which, however, are neither very strong nor conspicuous.

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

The *maxillae* and *labium* are dark yellow-brown, with pale whitish margins at their extremities, and the *sternum* is of a similar hue.

The *abdomen* is large, subtriangular, rounded before and obtuse behind; on the upperside and sides it is of a rich chocolate-brown, clothed thinly with long reddish bristles, and divided longitudinally by a central tapering yellowish stripe, reaching from end to end, and which has two somewhat lozenge-shaped enlargements towards its anterior extremity. The underside is orange, clothed with reddish hairs, and with a large, black, central triangular area, whose posterior angle, close to the spinners, is truncated. The spinners are short, compact, and of a dark yellowish-brown colour. The genital aperture, which is of characteristic form, is furnished with an exceedingly long slender epigyne, bending sharply over from its fore extremity and, running parallel to the surface of the abdomen, reaches with its sharp point the base of the inferior spinners.

The *male* differs in several respects from the female. The caput is much drawn out before, the eyes being on much stronger prominences, though their relative sizes and positions are similar. The *falces* are long and slender, directed backwards and much bent inwards below their base. The *legs* are yellow-brown, partly annulated with yellowish, and their spinal armature is much stronger and more conspicuous, the colour of the spines being mostly pale yellowish with bistre-brown bases. The tibiae of the second pair are bent and much enlarged on their inner sides forwards, where the spinal armature is very strong, some of the spines being black. The *palpi* are short; the palpal bulb is of enormous development; the palpal organs are very prominent and complex, but no description would avail for their satisfactory comprehension, which can be obtained only from accurate figures.

*Hab.* GUATEMALA (*Sarg*); PANAMA, Bugaba (*Champion*).

Both sexes of this fine and distinct spider are contained in the collection made by Mr. Champion at Bugaba, Chiriqui. An adult female is also in Mr. Sarg's Guatemalan collection, but I can find no special note as to its locality.

### **Epeira gravabilis, sp. n.**

*Adult female*, length 3 lines.

*Cephalothorax* rather short and broad, but otherwise of normal form. Colour yellow-brown, with darker markings behind the ocular area and also along the normal grooves and indentations; the sides of the caput, which is very short, converge forwards.

*Eyes* in the usual three groups. The four centrals form a small square, or trapezoid, perhaps a trifle longer

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