

The *abdomen* is long-oval or somewhat subcylindric in form, the hinder extremity produced in an obtuse caudiform shape over the spinners. The upper part and sides appear to cover or overlap the underside, roof-fashion, though this appearance may only be due to contraction in the process of preservation in spirit of wine; from the same cause, perhaps, may also arise a strong contraction across the middle of the abdomen, though I think this latter is normal. The colour is yellow-brown, marked above and on the sides with black, and with some yellowish or white spots above on the anterior half, and one at the posterior extremity on the upperside. The underside and spinners are black, the latter strong, short, and compact.

*Hab.* GUATEMALA, between Chichochoc and Coban (*Sarg*); PANAMA, Bugaba (*Champion*).

This spider is nearly allied to *Epeira tauricornis*, though easily distinguishable from it by the absence of tubercular prominences and spines on the abdomen.

### **Cyclosa index**, sp. n.

*Adult female*, length to base of posterior prominence  $1\frac{1}{2}$ , to extremity of the same  $2\frac{1}{4}$  lines.

Allied to *C. conica*, Pall., but differs in the form of the abdomen, and in the size, shape, and position of its posterior production.

The *abdomen* is nearly globular, and projects greatly over the thorax; on each side above, at the fore extremity, are two conical eminences, their height equal to their breadth at the base; and from the middle of the hinder extremity is another much longer eminence, tapering, and equal in length to the interval between its base and the fore extremity of the abdomen on the upperside, and the spinners on its underside; this eminence is directed backwards, and rather upwards, at right angles to a line drawn from the spinners to the anterior side of the fore eminences. The posterior eminence gives the abdomen the shape of a peg-top. Its colours are a variegated mixture of dark black-brown, brown, yellow-brown, white, and cream-yellow, with a somewhat dagger-shaped yellowish marking along the middle of the upperside; the blade of the dagger-shaped marking is rather dentate along its edges, and its point dilates into a yellow spot or blotch at the base of the hinder prominence, and on each side of the dagger-blade is a largish irregular black marking. Genital process small, but characteristic in form, and directed backwards.

The *cephalothorax* is dark yellow-brown.

*Legs* pale yellow, 1, 4, 2, 3; the fore extremity of the femora, and the genua of the first and second pairs, dark brown; with a few other irregular markings of the same hue on the other joints and legs; furnished with hairs, but no spines, or at any rate very slender ones.

*Palpi* yellow.

*Falces*, *maxillæ*, and *labium* yellow-brown, the *maxillæ* and the *labium* paler at their extremities.

*Sternum* blackish, surrounded by a marginal row of very distinct cream-yellow tubercles opposite the point of insertion of the legs.

Across the middle of the underside of the abdomen, between the spinners and the genital aperture, is a transverse raised ridge marked with white irregular spots on a black ground.

*Hab.* GUATEMALA, Tamahu (*Sarg*).

A single example.

### ARGIOPE, Audouin ex Savigny.

#### **Argiope trivittata**, sp. n.

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

♀. *Cephalothorax* yellow, tinged with orange, marked with a longitudinal central and lateral dark yellow-brown bands. The lateral band on each side is marginal and the broadest, and does not reach further forwards than the marginal indentation; the central one reaching to the ocular area.

*Eyes* all black and rather small; the four centrals are equal in size and form a square, whose anterior side is