

## FLORINDA, Cambridge.

**Florinda mirifica.**

*Florinda mirifica*, Cambr. antea, pp. 164, 165.

It is remarked in the description (*l. c.*) of this spider that the falces have along their outer surface a series of impressed punctures or minute pock-marks, forming part of a stridulating-apparatus; but more recent examination under microscopic power shows this to have been incorrect: what appeared to be impressed markings are numerous minute granulations, which, under certain conditions of light and position, seemed to be impressed instead of elevated. Probably these granulations, which have among them a few larger denticulæ, have (in connection with those on the inner side of the humeral joints of the palpi) a stridulating function.

## CAREPALXIS, L. Koch; Cambridge.

**Carepalxis rotunda**, sp. n.

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

*Cephalothorax* short; caput of large size, the occipital portion considerably and obtusely elevated, with a subconical eminence at each corner of the ridge-like top of the elevation. The height of the clypeus is rather less than half that of the facial space, or about two diameters of the fore-central eyes. The colour of the thorax is brownish-yellow, that of the caput dark reddish-brown, the top ridge and subconical eminences dull yellowish. The caput is clothed with short, coarse, whitish hairs.

*Eyes* normal; the four centrals form a quadrangle broader than long, and its anterior side considerably shorter than the posterior. Each of these four eyes is seated on a roundish tubercular prominence, the posterior prominences considerably the largest and bearing the larger of the eyes; those of each lateral pair are a long way removed from the central group, they are seated on small tubercular eminences, contiguous to each other and near the fore corners of the clypeus.

*Legs* short, 1, 2, 4, 3, moderately strong, pale yellowish, the fore part of the femora and the genuæ dull olive-yellowish-brown, the other joints indistinctly annulated with dusky yellow-brown; they are furnished chiefly with hairs, the spines few and weak.

*Palpi* yellowish, indistinctly annulated with dusky yellow-brown.

*Falces* strong, straight, subconical. Colour yellow-brown.

*Maxillæ* and *labium* normal, of a dusky brownish colour.

*Sternum* small, heart-shaped; its posterior extremity between the coxæ of the fourth pair of legs, which are here nearly touching each other. Colour dull yellowish, somewhat suffused with whitish.

*Abdomen* large, circular, projecting greatly over the thorax, looked at in profile almost hemispherical; towards the fore extremity near the margin on each side is a small subconical eminence, behind which are two others of a smaller size in a longitudinal line, scarcely visible above the general level. It is of a dull pale brownish hue, thickly covered with whitish, but presenting a fairly well-defined pattern. At the middle of the fore extremity are three short, white, parallel, longitudinal lines or stripes, the central one trifid at its posterior extremity; on the hinder part is a tapering, angulated, dark brown marking, and on each side is a well-defined longitudinal black wavy or subangulated line running from the fore end to the spinners; a broad, longitudinal, dark brown band occupies the middle of the underside, four white spots surround the spinners, and two others of larger size are in a transverse line in front of them. The genital aperture is small and inconspicuous.

*Hab.* MEXICO, Atoyac in Vera Cruz (*H. H. Smith*).