

Mandibles with three teeth on the lower margin of the fang-groove. Anterior row of eyes straight, posterior row slightly recurved. Central quadrangle narrower behind, posterior centrals smaller than the anterior centrals, half a diameter apart.

♂. Patella of pedipalp with one long sinuous spine, and a shorter sinuous bristle, at its apex. Coxa i. with a hook and femur ii. with a groove. Coxa and femur of pedipalp with a cusp and ridge respectively. Coxa i. with a conical protuberance above. Tibia ii. not specially incrassate, with a double series of five spines on the inner side, and a single row of four spines beneath. Femora i. without spines beneath; ii. with one or two short, stout, thorn-like spines; iii. and iv. with a variable number (six or seven) of spines of the same character in the basal half beneath. Protarsi i.-iv. with spines beneath. The palpal bulb has a conspicuous, stout, curved clavis.

♀. Femora of legs without spines beneath. Tibiæ and protarsi i. and ii. with spines in pairs beneath. Patellæ with an apical spine.

Hab. PANAMA, Bugaba (*Champion*).—COLOMBIA^{1 2}; LOWER AMAZONS, Santarem (*F. O. P.-C.*).

This fine species was very abundant in the grass-heads in the large "lago" opposite Santarem, across the mouth of the Tapajos.

24. *Aranea championi*. (Tab. L. figg. 1, 1 *a*, ♂; 2, 2 *a-c*, ♀.)

Epeira championi, O. P.-Cambr. Biol. Centr.-Amer., Arachn. Aran. i. p. 42, t. 5. figg. 12, 12 *a, b* (♂), 13, 13 *a-c* (♀)¹.

Type ♂, gynetype ♀, in coll. Godman & Salvin. Total length, ♂ 3.75, ♀ 4.5 millim.

♂ ♀. Carapace, sternum, mandibles, and legs yellow. Abdomen olive-brown, with a long, white, central, dorsal folium, broken anteriorly and V-shaped posteriorly, but often divided into mere white spots, and with a broad dorso-lateral and a latero-ventral white band; ventral area olive-brown, without white spots. Posterior and anterior rows of eyes straight; central quadrangle square, posterior eyes larger, half a diameter apart.

♂. Femora i., ii., iv. without spines, iii. with a series of four or five short spines beneath. Coxa i. and femur ii. with a spur and groove respectively. Coxa and femur of pedipalp each with a cusp and ridge. Coxa i. with a tubercle above. Tibia ii. not incrassate, with a double series of four pairs of spines on the inner side. Patella of pedipalp with a single apical spine only.

♀. Femora and protarsi without spines beneath; tibiæ with one or two, patellæ without apical spines. *Vulva* consisting of a chitinous hood, with apex bent backwards forming a small scapus.

Hab. GUATEMALA¹; PANAMA, Bugaba (*Champion*).

25. *Aranea mormon*. (Tab. LI. figg. 1, 1 *a, b*, ♀.)

Epeira mormon, Keyserl. Spinn. Amer., Epeiridæ, p. 182, t. 9. figg. 134, 134 *a* (♀)¹.

Type, ♀, in coll. Marx. Total length 5.3 millim.

Carapace yellow, with a central dark line; mandibles and legs yellow; sternum blackish. Abdomen bearing an olive-yellow dorsal folium, slightly dentate behind, with a central white band on the anterior two-thirds, and a broad white marginal band on each side; lateral area olive-yellow; ventral area black, broadly margined with white, and bearing a pair of longitudinal white bars on the anterior half. Femora without, and tibiæ and protarsi with, spines beneath; patellæ with an apical spine. Both rows of eyes straight; central quadrangle narrower behind, posterior eyes one-fourth of a diameter apart, very slightly smaller than the anteriors. Mandibles with three teeth on the lower margin of the fang-groove.

Vulva consisting of a chitinous hood, posteriorly developed into a short, broad, spatulate scapus, with a round tubercle on each side, and a small deep cavity on the inner side of the tubercle.

Hab. NORTH AMERICA, Columbia and Utah¹.—MEXICO, Mexico city (*H. H. Smith*).