

4. *Cydamus abditus* Van Duzee, new species

Allied to *femoralis* and like that species with a long black-tipped spine at each humeral angle and at apex of scutellum; testaceous yellow, tergum, membrane, and apical segment of antennæ castaneous or black. Length 6-7 mm.

Head narrowed behind the eyes, as long there as half the width of the vertex between the eyes; cheeks not meeting over the tylus. Segment I of antennæ attaining apex of head; II and III subequal; IV a little shorter than II and III together, but little thinner than anterior femora, tapering to either end. Rostrum attaining hind coxæ; segment I much thickened, reaching posterior line of eyes; II twice longer than III and IV together; III one half of IV. Pronotum oblong, a fourth longer than wide, together with the head closely punctate; a broad transverse impunctate area covers the callosities; humeral spines erect, acute, as long as width across the ocelli. Scutellum narrow, smooth, with a marginal row of punctures; apical spine erect, as long as the humeral. Elytra coarsely punctate, reaching apex of third abdominal segment; clavus with three regular rows of punctures; corium with two strong veins, the areoles edged with a row of coarse punctures; membrane a mere margin to the oblique apex of the corium. Abdomen smooth and polished. Osteolar canal auriculate, prominent.

Color testaceous-yellow, paler beneath; membrane, broad vitta on tergum, genital segment and humeral and scutellar spines black; eyes and apical segment of antennæ castaneous, the latter paler at either end; antennæ and legs faintly punctate with dusky; tip of rostrum black.

Described from two male and five female examples taken by me from under stones at Nogales, Arizona, April 3, 1921. In structural characters this species is allied to *femoralis* but it is very distinct otherwise.

Type: Male, No. 1752, and *allotype*, female, No. 1753, Mus. Calif. Acad. Sci., collected by E. P. Van Duzee, April 3, 1921, at **Nogales, Arizona.** -

5. *Lygidea essigi* Van Duzee, new species

Closely related to *obscura* Reuter, a little broader, darker colored, head fuller and antennæ thicker. Length 6 mm.

Male: Vertex strongly convex, highly polished, basal carina slender, with a deep depression before it, median line very feebly impressed; clypeus less prominent than in *obscura*, its basal incisure shallow; eyes