

3. *Prosthesima mexicana*.

Prosthesima mexicana, Banks, Proc. Calif. Acad. Sci. (3) i. p. 217, t. 13. fig. 18 (♀) .

♀. Length 6–8 millim.

Hab. MEXICO, Mexico city and Orizaba (*Banks*¹).

4. *Prosthesima fidelis*.

Prosthesima fidelis, Banks, loc. cit. p. 219, t. 13. fig. 19 (♀)¹.

♀. Length 3–6 millim.

Hab. MEXICO, Minatitlan (*Banks*¹).

5. *Prosthesima indecisa*.

Prosthesima indecisa, Banks, loc. cit. p. 220, t. 13. fig. 20 (♂)¹.

♂. Length 7 millim.

Hab. MEXICO, San Miguel de Horcasitas (*Banks*¹).

SCOTOPHÆUS.

Scotophæus, E. Simon, Hist. Nat. Araign. éd. 2, i. p. 371 (1893).

Type *S. quadripunctatus* (Linn.).

This genus is abundantly represented in Europe, and in England by the single species *S. blackwalli* (Thor.). There are two species from Central America, both new, which may be distinguished, in addition to the characters furnished by the vulva, by the following:—

- A. Size much larger: length 16 millim. Central posterior eyes two diameters apart, at least four diameters from the laterals. Abdomen unicolorous brown above *guatemalensis*, sp. n.
- B. Size much smaller: length 8·5 millim. Central posterior eyes one and a half diameters apart, two diameters from the laterals. Abdomen black, with central dorsal pale band, broken up transversely towards the spinners *pictus*, sp. n.

1. *Scotophæus guatemalensis*, sp. n. (Tab. V. fig. 1, ♀.)

Type, ♀, in coll. Godman & Salvin.

♀. Total length 16 millim.

Legs, carapace, and sternum mahogany-brown, clothed with a dense grey pubescence and fine grey hairs.

Abdomen clothed with dense ochre-grey pubescence. Tibiæ i. and ii. with 2—2—1 spines beneath, the first pair being apical. Protarsus i. and ii. with a pair of spines at the base. Vulva very simple, consisting of a short tongue-like prominence, followed by a deep groove, dilate at first, narrowing in the centre, again dilate at the genital rima, which divides the vulva into two rounded chitinous lobes. (Tab. V. fig. 1.)

Hab. GUATEMALA (*Sarg*).

A single adult female.