

## VÆJOVIS.

*Væjovis*, C. L. Koch, Die Arachn. iii. p. 51 (1836).

*Vejovis*, Thorell, Ann. & Mag. Nat. Hist. (4) xvii. p. 10 (1876); Kraepelin, Jahrb. Hamb. Wiss. Anst. xi. p. 198 (1894); Das Tierr., Scorpiones et Pedipalpi, p. 183 (1899).

*Carapace* with its anterior border not excised; three lateral eyes on each side; ocular tubercle in front of its middle. *Mandible* without teeth on the lower border of the movable finger. *Chelæ* with fingers furnished with a median row of teeth flanked by a few larger lateral teeth. *Sternum* wider than long, longer than in *Hadrurus*. *Pectines* with intermediate lamellæ broken up, at least in the distal half of the organ, into subsimilar subequal and spherical sclerites simulating the fulcra, which are also large and spherical. *Tarsi* furnished beneath with a median row of spicules and lateral bristles. *Stigmata* long and slit-like.

Type *V. mexicanus*, Koch.

*Distribution.* Southern States of North America; Central America.

*Synopsis of the Species known to me.*

- a.* Inferior median keels on segments 1-4 or 2-4 well developed and granular.
- a*<sup>1</sup>. Inferior and lateral intercarinal spaces of tail coarsely and thickly granular; tail short and thick, segment 3 much wider than long . . . . . *granulatus*, Pocock.
- b*<sup>1</sup>. Inferior and lateral intercarinal spaces of tail smooth or at most weakly granular; third segment not wider than long.
- a*<sup>2</sup>. Ventral surface of trunk and pectines marbled with black; small, up to 25 mm. long; pectinal teeth 11-12 . . . . . *pusillus*, Pocock.
- b*<sup>2</sup>. Ventral surface of trunk and pectines not marbled with black; length of adult from 30-45 mm.; pectinal teeth 13-23 . . . . . *mexicanus*, C. Koch.
- b.* Inferior median keels on segments 1-4 quite smooth or absent.
- a*<sup>3</sup>. Inferior median keels on segments 2-4 present as upstanding ridges.
- a*<sup>4</sup>. Trunk banded black and yellow; hand and vesicle smooth . . . . . *subcristatus*, Pocock.
- b*<sup>4</sup>. Trunk uniformly brown; hand and vesicle granular in part . . . . . *cristimanus*, Pocock.
- b*<sup>3</sup>. Inferior median keels on segments 2-4 obsolete.
- a*<sup>5</sup>. Hand granular internally; movable finger longer than carapace, which equals the brachium or humerus in length . . . . . *nitidulus*, C. Koch.
- b*<sup>5</sup>. Hand entirely smooth; carapace much longer than humerus, brachium, or movable finger.
- a*<sup>6</sup>. Terga ornamented behind with six pale spots separating seven black lines; ♂ with upper surface of humerus coarsely granular; sides and lower surface of fourth and fifth caudal segments finely granular . . . . . *variegatus*, Pocock.
- b*<sup>6</sup>. Terga ornamented posteriorly with three pale spots separating four dark lines; ♂ with upper surface of humerus not coarsely granular; lateral surface of fourth and fifth and lower surface of fourth caudal segments smooth . . . . . *punctatus*, Karsch.