

Carapace with its anterior border deeply excised in the middle, with rounded frontal lobes; three lateral eyes on each side; ocular tubercle in advance of its middle, not sulcate. *Mandible* with penultimate tooth of movable finger some distance behind the terminal fang. *Chelæ* robust, the fingers armed with a close-set median series of teeth, with a lateral series on each side consisting of more scattered denticles, some of which are enlarged. *Tarsi* armed beneath with two rows of spines. *Tail* with its fifth segment furnished beneath posteriorly with a semicircular area bounded by a row of granules, a distinct tubercular tooth beneath the aculeus.

Type *D. whitei*, Gervais.

Distribution. Texas, Mexico, West Indies, and Brazil.

1. *Diplocentrus whitei*. (Tab. I. figg. 2, 2 *a-f*, ♀; 3, 3 *a-d*, ♂.)

Scorpio whitei, Gervais, Ins. Apt. iii. p. 63 (1844)¹.

Diplocentrus whitei, Karsch, Mittheil. Münch. ent. Ver. iii. p. 98 (1879)²; Pocock, Journ. Linn. Soc., Zool. xxiv. p. 396 (1893)³; Ann. & Mag. Nat. Hist. (7) i. p. 391 (1898)⁴; Kraepelin, Das Tierr., Scorpiones et Pedipalpi, p. 101 (1899)⁵.

[Nec *D. whitei*, Kraepelin, Jahrb. Hamb. Wiss. Anst. xi. p. 13 (1894).]

Diplocentrus mexicanus, Peters, MB. Ak. Wiss. Berlin, 1861, p. 512⁶; Karsch, Mittheil. Münch. ent. Ver. iii. p. 99⁷; Zeitschr. Naturw. (3) v. p. 407 (1880)⁸.

Diplocentrus antillensis, Kraepelin, Jahrb. Hamb. Wiss. Anst. xi. p. 16 (1894)⁹ (nec *D. antillanus*, Pocock).

♀. *Colour* of trunk dark brown or greenish-brown; legs yellow-brown; hands and vesicle reddish. Upper side of trunk smooth and polished, with only a few granules upon the edge of the frontal lobes and upon the posterior border of the tergite laterally, the last tergite more granular at the sides, the granules forming two weak crests. *Carapace* a little longer than the first and second caudal segments, considerably longer than the fifth. *Sterna* smooth; the last with four abbreviated, posteriorly converging, weakly granular keels. *Tail* about three and a half times the length of the carapace; the intercarinal spaces smooth; superior and inferior lateral keels weak and weakly tubercular, becoming progressively weaker from the first to the fourth; median lateral keel extending over the posterior half of the segment of the second, complete on the first, represented by a few granules and punctures on the third; the four inferior keels strong and tubercular on segments 1-3, the median becoming progressively weaker on segments 1-3 and obsolete on the fourth, where they are represented by rows of punctures; fifth segment with strong and denticulated inferior keels, upper keels weakly tubercular; vesicle smooth and punctured, granular only quite at the base beneath; the subaculear tooth pointed or rounded and lobate. *Chelæ* mostly smooth and polished; crests on the humerus denticulated, the anterior strong and complete; upperside and upper crest of brachium smooth, its anterior surface finely granular; hand smooth and polished, weakly crested above, its inner edge denticulated, its inner surface with two weak denticulate crests, its width equal to the length of the underhand; movable finger considerably longer than carapace. *Legs* almost smooth externally; distal end of tarsus expanded and overlapping the base of the claws; tarsus of fourth armed beneath with 7 spines in front, 8 behind, the third with 5 and 7. *Pectinal teeth* 10-15.

♂. Smaller than female. *Carapace* finely shagreened in parts, terga also finely shagreened and furnished with a few coarse granules, especially along the posterior edge. *Tail* with inferior lateral keels on segments 1-3 parallel. *Chelæ* with upperside of humerus flat and anterior crest strong; brachium with reticulation of ridges; hand coarsely reticulated above, more finely below, furnished above with two crests, the external strong and running almost to base of immovable finger; area at base of immovable finger smooth, punctured, not depressed and granular; fingers curved as in female. *Legs* of third and fourth pairs with some coarse granules. *Pectinal teeth* 14.

Measurements in mm.—♀. Total length 65, carapace 9, tail 32. ♂. Total length 53, carapace 7, tail 31.

Hab. NORTH AMERICA, Texas.—MEXICO.

No exact locality in Mexico has ever been assigned to specimens of this species.