

close to its base, and with its apex turned towards the aculeus, the distance between the two being less, or at least not greater, than the basal width of the tooth. *Legs* more coarsely granular externally than in *C. bicolor*. *Pectinal teeth* 32-33.

Measurements in mm.—Total length 110, carapace 9.5; tail 76, second segment 12.5, fifth 15.

Hab. MEXICO, Oaxaca (*Mus. Brit.*¹); HONDURAS (*Indo-Colonial Exhib.*¹).

It is highly probable that the specimen from Oaxaca in the Paris Museum recorded by Gervais¹ as a very distinct variety of *Scorpio* (*Atræus*) *edwardsii*, Gerv., is referable to this species.

16. *Centruroides nigrescens*. (Tab. VIII. figg. 2, 2 a, ♀; 3, 3 a, ♂.)

Centrurus nigrescens, Pocock, Ann. & Mag. Nat. Hist. (7) i. p. 389 (1898)¹; Kraepelin, Das Tierr., Scorpiones et Pedipalpi, p. 93 (1899)².

Colour alike in both sexes, and differing from that of all the species closely related to *C. gracilis* in being of a uniform blackish-green on the upperside of the trunk, the tail, legs, and chelæ, the tarsi only and the distal half of the fingers being, however, pale; coxæ and sternal plates mesially yellowish-brown; pectines flavous. Upperside of *trunk* coarsely and closely granular. *Sterna* smooth and polished, not coriaceous or granular, except the fifth. *Tail* with all the keels coarsely granular in the female, less so in the male; vesicle in male of the same shape as in *C. nigrimanus*; in female the subaculear tooth equally close to the base of the aculeus. *Pectinal teeth* 25-27, ♀; 28-30, ♂.

Measurements in mm.—♀. Total length 85, carapace 8.5; tail 53, second segment 8, fifth 10.5. ♂. Total length 107, carapace 8.8; tail 73, second segment 11.5, fifth 14.

Hab. MEXICO, Xautipa and Amula in Guerrero, Orizaba (*H. H. Smith*¹).

17. *Centruroides fulvipes*. (Tab. VIII. figg. 4, 4 a, ♀.)

Centrurus fulvipes, Pocock, Ann. & Mag. Nat. Hist. (7) i. p. 390 (1898)¹; Kraepelin, Das Tierr., Scorpiones et Pedipalpi, p. 93 (1899)².

♀. Structurally resembling *C. nigrescens*, but totally different in colour, the trunk brownish-black above, the last tergite paler than the others; tail blackish posteriorly and beneath, the upperside of the first, second, and third segments reddish-brown; chelæ with trochanter and humerus yellow; brachium, hand, and base of fingers blackish-brown, nearly the whole of the fingers deep brown; legs and coxæ reddish-yellow, maxillary processes not infusate. *Pectinal teeth* 28-29.

Measurements in mm.—Total length 83, carapace 8.5; tail 52, second segment 7.5, fifth 10.

Hab. MEXICO, Xautipa in Guerrero^{1 2} (*H. H. Smith*).

RHOPALURUS.

Rhopalurus, Thorell, Ann. & Mag. Nat. Hist. (4) xvii. p. 9 (1876); Atti Soc. Ital. Sci. Nat. xix. p. 83 (1877); Karsch, Mittheil. Münch. ent. Ver. iii. p. 18 (1879). (Type *R. laticauda*.)

Heteroctenus, Pocock, Journ. Linn. Soc., Zool. xxiv. pp. 385, 391 (1893). (Type *H. junceus*.)

Centrurus, Kraepelin, Jahrb. Hamb. Wiss. Anst. viii. p. 119 (1891); Das Tierr., Scorpiones et Pedipalpi, p. 87 (1899).

Resembling *Centruroides* in the dentition of the fingers of the chelæ, but differing in having the tail in the female a little wider in its posterior than in its anterior half, and in the male much wider than in the female. The first sternal plate of the abdomen is marked with a pair of grooves, which are much deeper than in *Centruroides*, and run forwards and inwards from the inner edge of the stigmata to meet close behind the anterior border of the sternum, and form the inner boundary of a depressed area upon