

caudal segment, half the length of the sum of the first and second, more than one-seventh the length of the tail, the superior keel on the hand practically smooth, &c. (*cf. infra*, p. 32, where *C. granosus*, Thor., is further discussed).

7. *Centruroides nitidus*. (Tab. VI. figg. 5, 5 *a*, *b*, ♀ ♂.)

Centrurus nitidus, Thorell, Atti Soc. Ital. Sci. Nat. xix. p. 152 (1877)¹; Kraepelin, Jahrb. Hamb.

Wiss. Anst. viii. p. 129 (1891)²; Pocock, Journ. Linn. Soc., Zool. xxiv. p. 390 (1893)³.

Centrurus tenuis, Thorell, loc. cit. p. 153⁴.

Centrurus republicanus, Karsch, Mittheil. Münch. ent. Ver. iii. p. 120 (1879)⁵.

♀. *Colour* much as in *C. elegans*, the terga with a pair of black bands as in that species; the carapace not banded nor mesially infusate, the lower side of the tail with a broad, median, black band, sometimes complete, sometimes failing on the first and fifth, more rarely on the fourth segment; chelæ and legs uniformly yellowish-brown, but the fingers black, at least in the basal half, where they are much darker than the hand. Upperside of *trunk* finely and closely granular, studded with coarser granulation, the terga without lateral granular crests. *Sterna* as in *C. elegans*, the third and fourth finely coriaceous, the fourth with scarcely a trace of crests. *Tail* parallel-sided, more than four times as long as carapace, the first segment as wide as the fifth, the third as long as the carapace, the fourth slightly longer, the intercarinal spaces finely granular or almost smooth, the sides of the segments more convex than in *C. elegans*; the fifth segment as high as wide, scarcely twice as wide as long; vesicle almost as high as wide, without a spine beneath the aculeus. *Chelæ* finely granular, with coarsely granular crests on humerus and brachium; the latter thicker than in *C. infamatus*, its width much more than one-third, nearly one-half, of its length; hand also very broad, its width about half the length of the movable finger, the keels on its upperside strong but smooth; movable finger with eight rows of teeth, barely one-third longer than the length of the underhand. *Pectinal teeth* 17–21.

♂. Coloured like the female. *Tail* from seven and a half to eight times the length of the carapace, parallel-sided or slightly expanded posteriorly, the fifth segment from two and a half to over three times as long as wide. *Hands* longer than in female, the underhand almost as long as the carapace. *Pectinal teeth* up to 25.

Measurements in mm.—♀. Total length 62, carapace 6, tail 37; width of hand 3.5, of brachium 2.5; length of underhand 5, of movable finger 6.8. ♂. Total length 68, carapace 6, tail 49; width of hand 3, of brachium 2.2; length of underhand 5.5, of movable finger 7.

Hab. MEXICO, Vera Cruz².—ANTILLES, Haiti^{1–5}, Puerto Rico².

The original examples of *C. nitidus*, *C. tenuis*, and *C. republicanus* were from Haiti, whence the British Museum also has specimens of the species. The British Museum has additional examples ticketed "Brazil," a locality which is perhaps erroneous. The description here given has been taken from these specimens.

8. *Centruroides flavopictus*. (Tab. VI. figg. 6, 6 *a–d*, ♂ ♀.)

Centrurus flavopictus, Pocock, Ann. & Mag. Nat. Hist. (7) i. p. 387 (1898)¹; Kraepelin, Das Tierr., Scorpiones et Pedipalpi, p. 94 (1899)².

♀. *Colour*: upperside of trunk blackish or yellowish-brown, the last tergite paler, the others with a narrow median yellow stripe or spot and a marginal spot on each side; tail reddish-brown, deep blackish-brown beneath at its posterior end, vesicle paler than fifth segment; chelæ pale at base, humerus and brachium, especially the brachium, stained with brown; hands yellowish-red, much lighter in colour than the brachium; fingers black, much blacker than the hand, with pale tips. *Legs* yellow. *Carapace* and *terga* relatively finely granular, the former without serial arrangement of granules, the latter without a trace of lateral keels, except on the fifth and sixth plates; fourth sternal plate mesially carinate; fifth coriaceous, finely granular laterally, the keels granular or crenulate. *Tail* about five and a half times as long as