

Measurements in mm.—Total length 83, carapace 8; tail 54, its fifth segment 10; length of brachium 9, width 3; width of hand 4; length of underhand 6.2, of movable finger 10.5.

Hab. PANAMA, Tintin in Darien (*Dr. Festa*¹).

This description and figure are taken from the typical and only known example kindly lent to me by Dr. Borelli.

3. *Tityus androcottoides*. (Tab. IX. figg. 5, 5 a-c.)

Isometrus americanus, var. *androcottoides*, Karsch, Mittheil. Münch. ent. Ver. iii. p. 113 (1879)¹.

Isometrus androcottoides, Pocock, Ann. & Mag. Nat. Hist. (6) iv. p. 57 (1889)².

Phassus americanus (Linn.), Kraepelin, Jahrb. Hamb. Wiss. Anst. viii. p. 113 (1891)³ (part.); Thorell, Bull. Soc. Ent. Ital. xxv. p. 371 (1893)⁴.

Tityus androcottoides, Pocock, Journ. Linn. Soc., Zool. xxiv. p. 377 (1893)⁵ (excl. examples from Trinidad); Ann. & Mag. Nat. Hist. (6) xix. p. 514 (1897)⁶; Kraepelin, Das Tierr., Scorpiones et Pedipalpi, p. 77 (1899)⁷.

♀. *Colour* of trunk above and below tolerably uniform deep brownish-black or reddish-brown, chelæ redder, with black yellow-tipped fingers, pectines and tarsi yellow; in smaller forms the legs are mottled, and there are traces of spots on the terga. *Carapace* granular, with coarsely granular keels, about as long as the third caudal segment, a little shorter than the brachium. *Terga* coarsely granular, with median granular keel, the anterior overlapped area finely granular. *Sterna* finely but thickly granular throughout, except the subpectinal area of the first, which is nearly smooth; a nearly smooth narrow ridge on the second, third, and fourth, that on the third expanding posteriorly into a smooth triangular area, the last with four coarsely granular keels. *Tail* nearly six times as long as the carapace, slender, nearly parallel-sided; the first segment about one-third longer than wide, second not quite twice as long as wide, third twice as long as wide, fourth and fifth more than twice as long as wide; the intercarinal spaces finely and closely granular, the upperside more finely so than the sides and lower surface; all the keels well developed, and evenly and coarsely granular; median lateral keel present only on the first segment; the two inferior median crests on the first distinct, but inwardly geniculate towards the posterior ends; on the second extending throughout the anterior half of the segment, but behind that point replaced by a median keel which extends for a short distance forwards between the two, and posteriorly bifurcates into a right-angled triangle; on the third segment the pair of keels is present only on the anterior fifth of the under surface, the median keel occupying the rest of the area, and not so distinctly bifurcated as on the second; on the fourth the paired keels are only represented by three or four granules, the median keel extending practically throughout the length of the segment; fifth segment with squared edges; vesicle granular below, wider than high, and as wide as the brachium or hand, with a strong, triangular, subaculear tooth. *Chelæ* finely and closely granular, with coarsely granular keels; hand as wide as brachium, its width barely two-thirds the length of the underhand, which is less than half that of the movable finger; upperside of hand coriaceous, the finger-keels weakly granular or crenulate, the external finger-keel completely divided; fingers long and slender, the movable long and slender, much longer than the fifth caudal segment. *Legs* finely granular, granularly crested. *Pectines* with 16-17 teeth and conspicuous basal lobe.

♂. Resembling the female, except in the greater length of the tail and chelæ. *Tail* more than seven times as long as the carapace, which is about equal to its first segment, the latter rather more than twice as long as wide, the fourth about four times as long as wide; vesicle also longer than in the female. *Chelæ* with humerus and brachium distinctly longer than carapace; hand wider than brachium, its width scarcely more than half the length of the underhand, which is more than half the length of the movable finger; the latter resembling that of the female. *Pectinal teeth* 18.

Measurements in mm.—♀. Total length 73, carapace 7; tail 44, width of first segment 3.5, of fifth 3.2; length of brachium 8, width 2.6; width of hand 2.8; length of underhand 4, of movable finger 9.8,