

Acanthostichus texanus Forel

Fig. 3, 16, 41, 42, 53, 54, 55, 56, 62, 74, 75, 76, 77, 79, 80, Map 2, p. 47

Acanthostichus texanus Forel, 1904:168, dealate female, USA: Texas, Brownsville (MHNG) [not seen, presumably lost, see Smith, 1955]. Emery, 1911:13-14; Kusnezov, 1962:133-134.

Ctenopyga townsendi Ashmead, 1906:29-30, Fig 4, female, male, MEXICO, La Puerta (MCZC) [female and 1 male lost, 1 male seen] synonymy by Smith, 1955:49. Emery, 1911:14; Brown, 1975:42-43 (provisionally restored to generic status).

Acanthostichus (Ctenopyga) townsendi (Ashmead). Emery, 1911:13-14; Smith, 1942:62, characterization of male, 1943:283, 288-290, Fig. 4, J (pygidium of male), 1947:526, dealate female (presumably lost), Plate 1: Fig. 4, 1951:782; Creighton, 1950:58-59; Krafchick, 1959:26-27, Plate 2, Fig. 4, Plate 3, Fig. 7, Plate 4, Fig. 5 (male genitalia).

Description.

Worker: HL 0.94 - 1.06, HW 0.83 - 0.96, SL 0.43 - 0.48, SW 0.15 - 0.18, EL 0.05 - 0.08, WL 1.39 - 1.56, FL 0.65 - 0.70, FW 0.28 - 0.33, PW 0.38 - 0.48, PL 0.48 - 0.54, SI 44 - 45, CI 86 - 93, PI 113 - 130, FI 2.15 - 2.36, SL/SW 2.64 - 2.92. Mandibles without teeth, but angulate at apex; anterior border of clypeus notched, frontal carinae forming angles which extend past anterior medial border; vertex broadly concave, sides nearly parallel, slightly convex; eyes relatively large, consisting of about 10 poorly defined ommatidia; anterior border of scape weakly concave; mesosoma similar to those of other members of the genus; propodeum not concave posteriorly, lacking spines or teeth; petiole wider posteriorly than anteriorly; subpetiolar process large, well developed, anterior edge broadly rounded, posterior edge broadly concave, faces meeting at distinct angle (Fig. 42); gaster as in other species, pygidium toothed. Hairs long (0.25 mm), erect, pointed and on all surfaces; entire ant devoid of decumbent pubescence. Dark reddish brown, smooth and polished throughout.

Female: HL 0.95 - 1.24, HW 0.84 - 1.03, SL 0.43 - 0.51, SW 0.15 - 0.19, EL 0.23 - 0.29, WL 1.65 - 1.88, PW 0.40 - 0.60, PL 0.53 - 0.64, SI 41 - 45, CI 83 - 88, PI 106 - 131, SL/SW 2.73 - 2.92. Mandible essentially toothless, except for very fine serration in one specimen (Fig. 54); clypeus with very small lateral bumps; eyes large, reaching side of head in full face view; ocelli small (diameter of median ocellus 0.06 mm); scape very slightly concave anteriorly; sides of head nearly parallel; vertex slightly concave; mesosoma little modified for flight (Fig. 53);