

tains, 16 k S Apache, 10 - viii - 1963, V. Roth (1 worker USNM), 8.1 mi SE Sunnyside, 22 - viii - 1971, R. Snelling (1 worker LACM); Pima Co., Baboquivari Mountains, Forestry Cabin, 26 - vii - 1951, W. Creighton (1 worker LACM), Santa Rita Range, 20 - vii - 1982, T. Myles (1 worker LACM), 7 mi. SE Sahuarita, 3 - ix - 1982, T. Myles (14 workers, University of Arizona).

Biology. The type series was associated with termites [*Heterotermes aureus* (Snyder)] in an experimental plot. This species nests under stones from 1070 m to 1780 m (3500'-5850') up to the oak - juniper association.

Etymology. Indicates that this species occurs in Arizona.

***Acanthostichus bentoni* new species**

Fig. 7; Map 10, p. 49

Description.

Worker (holotype in parentheses): HL (1.10) - 1.14, HW (1.06) - 1.14, SL (0.61) - 0.64, EL 0.03 - (0.05), WL (1.48) - 1.58, PW (0.53) - 0.54, PL (0.45) - 0.53, SI 56 (56), CI (97) - 100, PI (86) - 98, SL/SW (3.20) - 3.47. Mandibles toothless, apex pointed; anterior border of clypeus strongly excised between bases of frontal carinae (Fig. 7), lateral teeth moderately well formed (Fig. 7); head slightly narrowed posteriorly; vertex slightly, but broadly concave; eyes small, 4 - 6 poorly defined ommatidia; scape with concave anterior border, not unusually thickened; mesosoma as in others in the species complex; propodeum concave posteriorly, poorly defined tubercles on each corner, united with a weakly defined carina; petiole wider than long, anterior face strongly concave, subpetiolar process large with posteriorly directed point, as others in the complex; gaster as in other species. Sculpture mostly smooth and polished, except the anterior half of the head is rough and costulate, dorsum of petiole finely punctate. Hairs long (over 0.5mm), erect, golden, abundant on most surfaces; decumbent pubescence lacking. Reddish brown, gaster somewhat lighter in color.

Female: Unknown.

Male: Unknown.

Discussion. This species could be confused with *A. lattkei*. It can be easily separated based on three good characters: the anterior half of the head is finely striate or costulate (anterior fourth of head of *A. lattkei* is similar, but more finely sculptured), the anterior medial tooth of clypeus is absent (present in *A. lattkei*) and the medial border is strongly and deeply excised (Fig. 7), and the top of the petiole is finally punctate (lightly longitudinally striate in *A. lattkei*). The petiole is not quadrate with carinae on the lateral edges as in *A. quadratus*. It differs from *A.*