

(*Bufo crucifer*).

***Acanthostichus quirozi* new species**

Figs. 5, 34, 35; Map 2, p. 47

Description.

Worker: HL 0.80 - 0.89, HW 0.68 - 0.74, SL 0.30 - 0.40, EL 0.03 - 0.04, WL 1.15 - 1.25, PW 0.33 - 0.35, PL 0.40 - 0.44, SI 45 - 47, CI 83 - 84, PI 123 - 125, SL/SW 2.7. Mandibles without teeth; anterior medial border of clypeus concave, without medial tooth; vertex strongly concave; eyes very small, without defined ommatidia; scape relatively elongate, anterior surface slightly concave, with tiny angle near apex; mesosoma as in other species; propodeum with spiracle approximately at middle height; petiole elongate (Fig. 34), wider posteriorly than anteriorly; gaster as in other species; erect hairs abundant (up to 0.25 mm in length), dorsum of scape with at least 8, dorsum of mesosoma with at least 20, dorsum of petiole with at least 6, dorsum of gaster with at least 30; decumbent pubescence absent. Entire surface, including scapes and dorsum of petiole, smooth and polished. Color golden red.

Discussion. This species is apparently most closely related to *A. skwarrae*. The petioles are almost identical in shape and are both smooth and highly polished. The two species are easily separated as *A. skwarrae* has no erect hairs on the dorsum of the petiole. In addition, *A. skwarrae* has possibly as many as 10 erect hairs on the dorsum of the mesosoma, the longest of which is 0.1 mm in length. The gaster of *A. skwarrae* is almost without hair, except for the area near the pygidium. The longest hair on the gaster is about 0.05 mm in length. Thus these two species appear to be very similar, but *A. quirozi* can be easily distinguished by the longer and much more abundant erect hairs. It would not be likely to confuse this species with any of the other species, based on the shape and sculpture of the petiole. The unknown workers of *A. emmae* should have a subquadrate petiole and larger eyes, and thus be distinguishable from this species.

Distribution. Known only from type locality in eastern Mexico (Map 2).

Type series. Holotype worker (UNAM) and 8 paratype workers (2 headless) (BMNH, CWEM, IMLA, MCZC, MHNC, MIZA, MZSP) [all seen], MEXICO, Veracruz, Tuxtla, 28-viii-92, L. Quiroz.

Material examined. Nine workers of type series.

Biology. Unknown.

Etymology. Named in honor of my good friend and fellow "mirmecólogo" Luis Quiroz of the Instituto de Ecología (México), who has sent me