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A New *Smicromyrme* Species from Iran (Hym., Mutillidae)

By Carol G. Nagy*)

(with 3 figures)

Smicromyrme (Sm.) weidneri sp. n.

Description of holotype female: Length about 9,0 mm. Black; front, antennae, clypeus, frontal tubercles, mandibles except at apex, thorax entire, legs, anterior half of first abdominal segment and all sternites

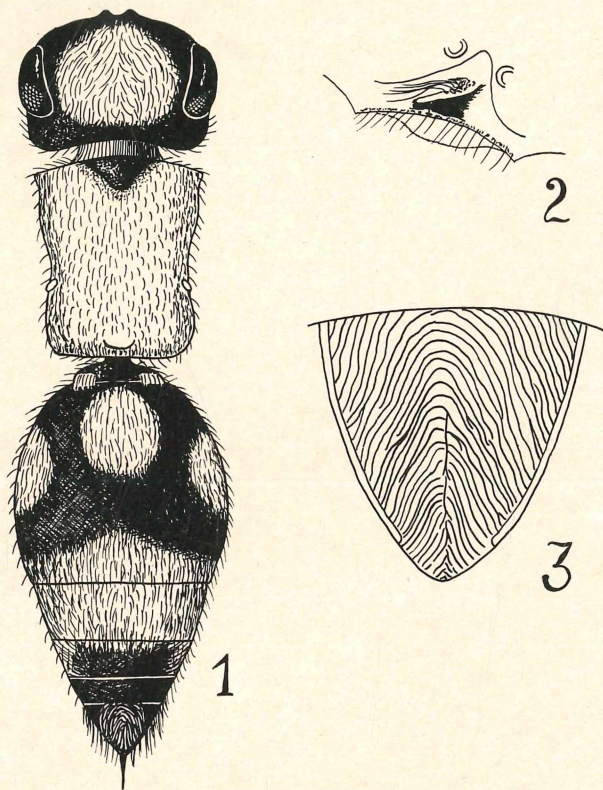


Fig. 1. *Smicromyrme (Smicromyrme) weidneri* sp. n. holotype ♀ habitus and ornamentalations. Fig. 2. clypeus. Fig. 3. pygidial area.

*) Anschrift des Verfassers: Marine Research Institute, Agigea, Romania.

ferruginous; apical half of mid and hind femorae infuscated; a small triangular spot on anterior center of pronotal margin black with also black pubescence; a rounded median spot of front and thoracic dorsum with appressed, short, reddish-yellow pubescence; three subcircular spots on second tergite, a medially acute, triangularly delated broad marginal band of same tergite, entire disc of tergite three, and sides of fourth tergite with moderately long, shining, yellowish-white pubescence; the remainder of tergites black pubescent, hairs not extremely long and evidently appressed. Ventral face of head, thorax, entire legs and ventral face of abdomen with long, scattered white pubescence except sides of penultimate sternite also black pubescent. Head including eyes broader than long (40:35), its sides evidently parallel behind eyes and postero-lateral angles only very weakly rounded. Length of malar space, eye and occiput in a ratio as 7:15:7; surface of front with deep and dense punctures, their interpunctal spaces a slightly shining, only 0.3 of a punctal width. Disc of clypeus with a prominent, acute median tubercle, it is a little longer than the clypeal disc medially, near the base with extremely long dark pubescence. Mandibles at apex acute, inner border distinctly bituberculate and carinate. Relative length of first four antennal joints in a ratio as 15:3:6:4; the following flagellar joints gradually narrowed toward the apex of antennae; dorsal part of scape broadly shining, laterally with a few scattered punctures and long hairs. The carina of antennal scrobes is well defined laterally on malar space, reaching from base of mandibles to the anterior border of eye, dorsally the carina inconspicuous. Thorax evidently longer than broad (48:38), as broad anteriorly as posteriorly, medially a little concave; the anterior pronotal margin slightly arcuate, its lateral sides angular but not acute. Thoracic dorsum with a dense, shallowly impressed large punctures, with any tendency to forming longitudinal carinules; upper margin of declivity without distinct spinules; scutellar scale proclinate, five times as broad as long, and concolorous with that thoracic dorsum. Abdomen with the first tergite not half as broad as the second (25:55), the latter as long as broad, surface with dense, minute punctures and short, decumbent hairs; the following tergites punctate and pubescent like second. First sternite with a complete, bunt median-longitudinal carina; second sternite very sparsely punctate, with large interpunctal spaces; following sternites more densely punctate and micropunctate at their base. Pygidial area with arcuate striations which reaching to the posterior margin of disc, sides of disc gradually convergent posteriorly and carinate except at apex. Femorae sparsely punctate and clothed with scattered hairs, calcaria pale.

Male unknown.

H o l o t y p e : 1 ♀ labelled „Persien“, no other data on label.

P a r a t y p e s : 7 ♀♀ with same label. Holotype and 6 paratypes deposited in coll. of Zoologischen Museum Hamburg, one paratype in the author's collection.

R e m a r k s : This new species belongs to *quadripunctata* groupe and resembles *Sm. ferrugineiceps* André 1903, but quite different to it in

having the clypeal tubercle large, punctures of head more dense, side of head behind eye not convergent, thoracic dorsum only with shallowly impressed punctures, second tergite in lateral view rather high, penultimate sternite with black hairs on sides.

I have named this species in honour of the eminent insect specialist Professor Dr. HERBERT WEIDNER in Hamburg which let me possible study of this velvet ant.

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Digitale Literatur/Digital Literature

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