

The Female Sex of *Mesa petiolaris* Mor. (Hymenoptera, Myzinidae)

Von

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The present paper gives the description of the female of *Mesa petiolaris* MORAWITZ, 1893 (heretofore based only on the male), collected by D. GLAUSNOV in Turkestan on same day as the holotype.

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Mesa petiolaris MORAWITZ

1893, Horae Soc. Entom. Ross., 27, p. 399 (♂).

Allotype: ♀, Labelled: "Iskander-Kul, VII. 8, No. 39". U.S.S.R., Turkestan. Deposited in the author's collection.

Description of allotype female: Length about 13 mm. Black, shining; color varying from those having only palpi, clypeus, antennae, tegulae, legs, side of abdomen and pygidial area wholly bright rufocastaneous. Wings infumated, veins ferruginous. Vestiture sparse, short, silvery, somewhat longer on abdomen; hairs of front, pronotum and pygidium not thickened. Front with moderate-sized punctures, generally of third-degree density, but not contiguous. Clypeus with median apical margin narrowly produced, impunctate, slightly emarginate apically. Maxillary palpi very large and much longer than maxilla. Distance from mouth cavity to occipital carina less than half width of mouth opening. Mandible bidentate. Antennae arising from beneath a frontal prominence, apparently only 11-segmented, pedicel hidden in apex of scape; first four antennal segments in a ratio of about 3:0:1:1, succeeding segments distinctly longer than wide. Ocelli in an equilateral triangle. Pronotum truncate in front, but without a sharp carina, dorsal surface anteriorly with strong oblique punctures, posterior part broadly impunctate. Prepectal carina absent. Areola of propodeum transversely striate between carinae, otherwise very finely ruguloso-punctate. Side of propodeum with a regularly rugose upper part and a sharply separated aciculate lower part. Major cal-

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carium large, powerful, with a sharp denticle near middle; claws bidentate. Wings shown in Figure 1. Abdomen moderately shining; anterior declivous surface of first tergite with scattered small punctures; horizontal posterior surface of first tergite and second to fifth tergites with rather close, large punctures. Pygidium with basal fourth rather densely punctate, remainder moderately strongly shagreened.

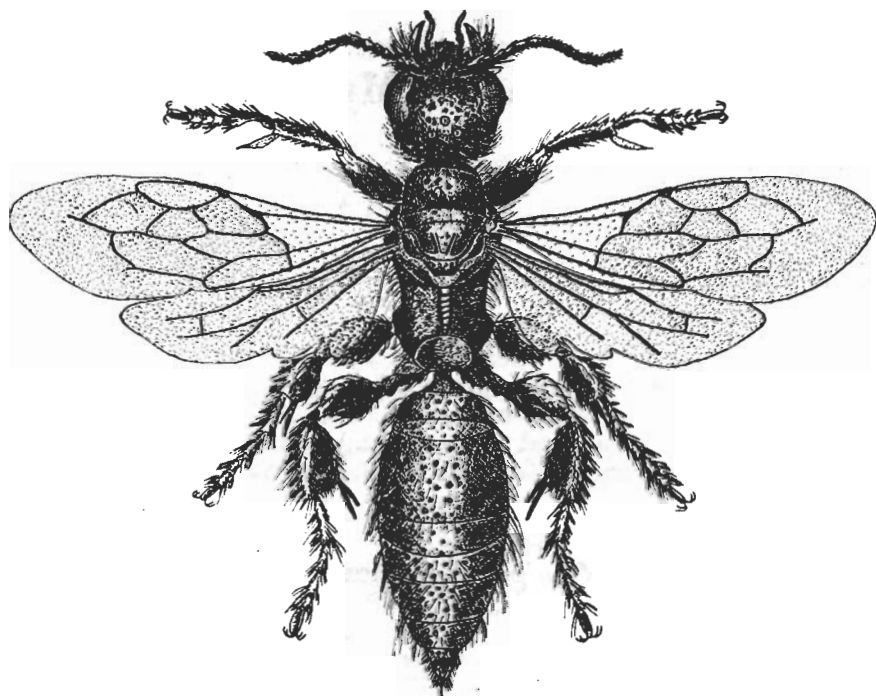


Fig. 1. *Mesa petiolaris* MORAWITZ. Allotype female

Remarks: The holotype male, deposited in the Zoological Institute, Academy of Sciences, U.S.S.R. Leningrad, was recently redescribed by GUIGLIA (1963); the specimen derives from Iskander-Kul, 8 July. The female obviously represents the same species and belongs probably to the original material; it may thus be considered an allotype.

ZUSAMMENFASSUNG

Das Weibchen von *Mesa petiolaris* Mor. (Hymenoptera, Myzinidae)

Verfasser beschreibt das bisher unbekannte Weibchen der Art *Mesa petiolaris* MOR., und zwar an Hand des von D. GLAUSNOV in Turkestan gesammelten einzigen weiblichen Tieres.

REFERENCES

1. GUGLIA, D.: *Osservazioni e reperti nuovi riguardanti le Myzininae della regione Palearctica. Il gen. Mesa in Italia.* — Ann-Mus. Civ. Storia Nat. Genova, 73, 1963, p. 297—203.
2. MORAWITZ, F.: *Catalog der von D. Glausnov in Turkestan gesammelten Hymenoptera fossoria.* — Horae Soc. Entom. Ross., 27, 1893, p. 391—428.