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Acnemia vratzatica n. sp. from Bulgaria

(Diptera, Mycetophilidae)

With 4 Figures

DIMITAR BECHEV

Vratza

Twenty-two species of the genus *Acnemia* are known for the fauna of Holarctic region (ZAITZEV, 1982). Studying Bulgarian specimens there was found a new species with specks on the wings. This feature distinguishes it from all of the Palaearctic *Acnemia* and it is similar only to the North American *A. varipennis* COQUILLET.

Acnemia vratzatica n. sp.

Male : Length of the body 4,8 mm, length of the wings 3,5 mm.

Head black-brown. Ocelli on one line. Eyes, clypeus and mouthparts dark-brown. Mouthpalps yellow, only on the apex brown. Antennas dark-brown, both pedicel segments yellowish. Length of the hairs of the antennae equal to one half of the flagellomere's width. Length of the middle flagellomeres twice longer than their width.

Mesonotum shining, yellowish, with three brown longitudinal bands which merge at the posterior part. On the periphery of the mesonotum there are many long, dark setae. Scutellum brown, with long setae, too. Postnotum yellow. Pleurae brownish. Halteres with yellow stem and black-brown knob.

Wings with dark specks (fig. 1). Stem of the medial vein with one third longer than r-m.

Legs yellow. Apical parts of the coxae darkened.

Abdomen black-brown, shining.

Hypopygium see figs. 3+4. Tergite 9 with two dark, long teeth, bended in ventral direction.

Gonostylus (fig. 2) furcated at the apex, bended in dorsal direction.

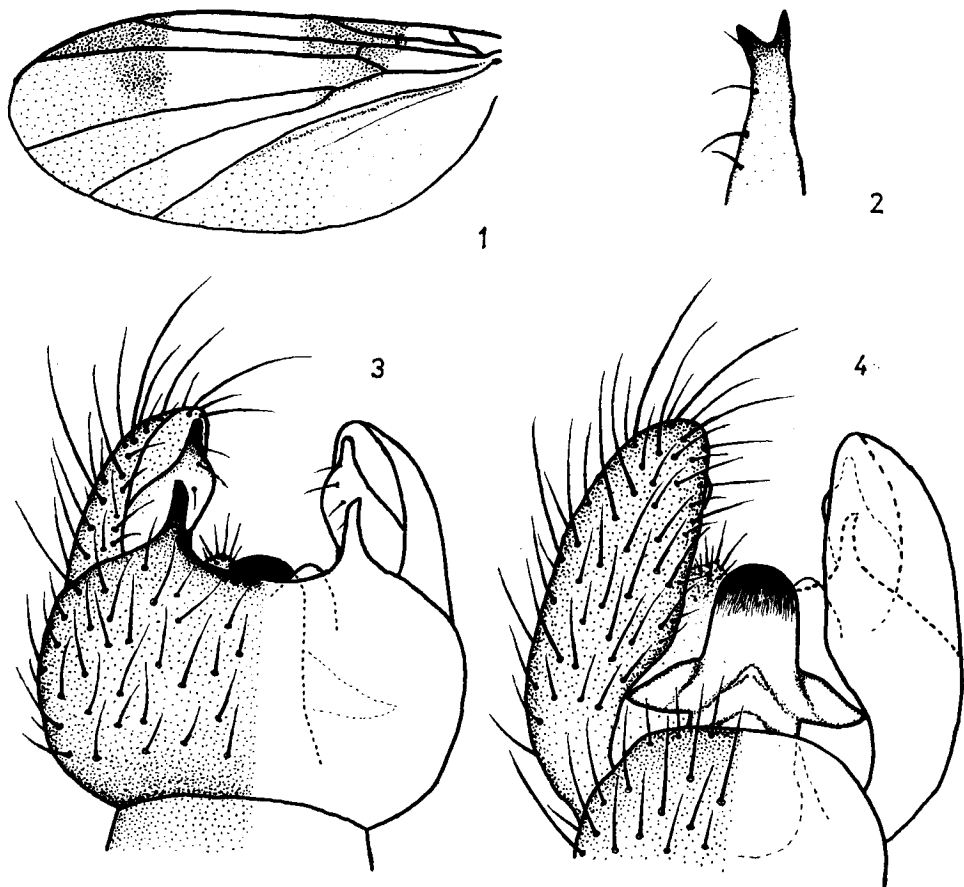
Female : Unknown.

Holotype : male, Bulgaria: The Balkans, Vratza Mountains, 5 km south of Vratza, 550 m, 13. 07. 1982. **Paratype** : male, from the same locality, 5. 07. 1983.

The new species has its name after the region in which it was found. The material is preserved in the private collection of the author.

A. vratzatica n. sp. is similar to the North American *A. varipennis* which also has specks on the wings (COQUILLET, 1904). *A. vratzatica* is distinguished from the North American species in the length of the stem of the medial vein and the structure of the genital apparatus.

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Figs. 1-4. *Acnemia vratzatica* n. sp.: 1 - wing; 2 - gonostylus, lateral view; 3 - male genitalia, dorsal view; 4 - male genitalia, ventral view.

References

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