

A new species of the genus *Trimerina* Mcq.
(Diptera Ephydriidae) from the Far East.

Новый вид двукрылых рода *Trimerina* Mcq.
(Diptera Ephydriidae) с Дальнего Востока.

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КЛЮЧЕВЫЕ СЛОВА: Diptera, Ephydriidae, *Trimerina shatalkini*, новый вид, описание.

ABSTRACT. *Trimerina shatalkini* sp.n., is described from Amur Region. The new species is close to *T. madizans* (Fll.).

РЕЗЮМЕ. *Trimerina shatalkini* sp.n. описан из Амурской области. Новый вид близок *T. madizans* (Fll.).

The genus *Trimerina* Mcq. includes two species: *T. madizans* (Fll.), widely distributed in Europe and *T. tibialis* Mcq., known only from France [Cogan, 1984]. The revision of the collections of Ephydriidae of the Zoological Museum of Moscow Lomonosov State University (ZMUM) and of the Zoological Institute of Russian Academy of Sciences in St.-Petersburg showed that *T. madizans* is common in European part of Russia, Estonia and distributed in Kazakhstan. Besides this one species new to science was discovered. The types of the new species are deposited in the collection of ZMUM.

Trimerina shatalkini sp.nov.
Figs. 1-6.

MATERIAL. Holotype ♂, labelled: «Амурская обл., г. Зея, 9.IX.1981, А.Шаталкин» (Amur Region, Zeza, 9.IX.1981, A. Shatalkin, ZMUM). Paratypes: 2 ♀, same place, 12.VI.1978 and 8.VII.1978, A. Shatalkin; 3 ♂, same place, 12-23.VIII.1982, A.L. Ozerov (ZMUM).

DESCRIPTION. MALE, FEMALE. The length of the body: holotype - 2.5 mm, paratypes - 2.6-3.2 mm. Face brown in dense silvery-white pollen, with 1 facial bristle and 1 weak short hair under it. Gena black, narrow, approximately equal to width of first flagellomere. Frons black, shining. Ocellar triangle

with whitish microtomentum. Antenna yellow, only apical half to two thirds of first flagellomere black. Arista black, with 7 long rays. Palpus darkened.

Scutum black, with white microtomentum. Proepisternum on lower half, proepimeron, katepimeron black, shining. Anepisternum on upper half microsculptured and with black microtomentose. Meron, metepisternum, katatergite, anatergite, and mediotergite with white microtomentum. Scutellum black, with white microtomentose and 2 pairs of bristles, and with 1 pair of weak short hairs inserted between them.

Legs yellow, only fore femora posteriorly on apical third, fore tibia, fore tarsi, and last segment of middle and hind tarsi black.

Wing brownish, crossvein dm-cu darkened. Haltere white.

Abdomen flattened dorsally, black, with whitish microtomentose. Male terminalia (Figs. 2-5) as follows: gonite bilobed, interior lobe widened to apex, exterior lobe of triangle form, 2 times as wide as interior (Figs. 3-4); aedeagus oval, apodeme widened in middle (Fig. 5). Female is distinguished by the following characters: sternite 7 3 times as wide as sternite 8, with 2 rows of hairs, sternite 9 almost of rectangular shape.

DIAGNOSIS. The new species is close to *T. madizans*, differing from it by the following characters: the interior lobe of gonite widened, not narrowing to the apex, aedeagus oval; female sternite 7 3 times (not 2 times) as wide as sternite 8, sternite 9 almost rectangular, not triangular as in *T. madizans*, sternite 7 bears 2 rows, not 1 row of hairs.

DISTRIBUTION. Far East (Amur Region).

ETYMOLOGY. The species is named after Dr. A.I. Shatalkin - a famous Russian dipterologist.

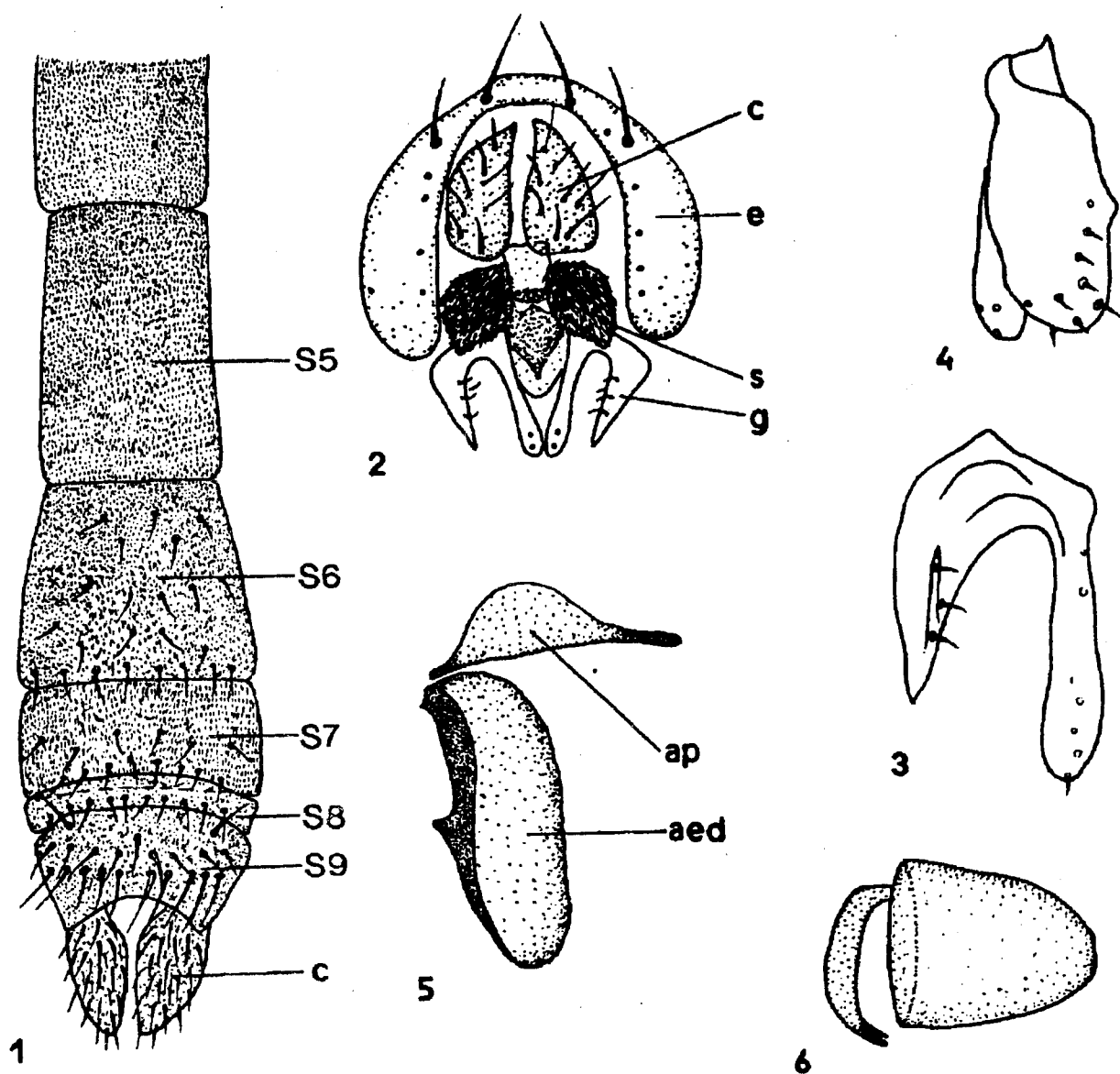


Fig. 1-6. *Tsbatalikini* sp. nov., terminalia: 1 - female abdominal sternites; 2 - male terminalia, general dorsal view; 3 - gonite, dorsal view; 4 - same, lateral view; 5 - aedeagus and aedeagal apodeme, lateral view; 6 - spermatheca, lateral view; aed - aedeagus; ap - aedeagal apodeme; c - cercus; e - epandrium; g - gonite; s - surstylus; S5, S6, S7, S8, S9 - sternite 5, 6, 7, 8, 9.

Рис. 1-6. *Tsbatalikini* sp. nov., гениталии: 1 - стерниты брюшка самки; 2 - общий вид гениталий самца, сверху; 3 - гонит, сверху; 4 - то же, сбоку; 5 - эдеагус и аподема эдеагуса, сбоку; 6 - сперматека, сбоку; aed - эдеагус; ap - аподема эдеагуса; c - церк; e - эпандрий; g - гонит; s - сурстил; S5, S6, S7, S8, S9 - стернит V, VI, VII, VIII, IX.

References

- Cogan B.H. 1984. Fam. Ephyridae // Catalogue of Palaearctic Diptera. Vol. 10, Clusiidae-Chloropidae, Budapest, Akad. Kiado. P. 142-176.