SHORT COMMUNICATION

V. A. Mutin. NEW DATA ON THE TAXONOMY OF THE PALAEARCTIC HOVER-FLIES (DIPTERA, SYRPHIDAE). - Far Eastern entomologist. 2001. N 99: 19-20.

В. А. Мутин. Новые сведения о таксономии палеарктических мух-журчалок (Diptera, Syrphidae) // Дальневосточный энтомолог. 2001. N. 99. С. 19-20.

One new species from Honshu (Japan) is described and two new synonyms are proposed below. I wish to express my sincere thanks to Claus Claussen (Flensburg, Germany) and Tore Nielsen (Sandnes, Norway) for the valuable exchange of European hover-flies.

Microdon nigrodorsatum **sp. n.**

TYPE MATERIAL. Holotype - ♂, Japan, Niigata-ken, Susagamine, 1200 m, Myoko-kogen, 26.VII 1993 (A. Lelej) [holotype is deposited in the Entomological Institute, Hokkaido University, Sapporo, Japan].

DESCRIPTION. MALE. Body length 12.1 mm, wing length 9.0 mm. Head: face black, weakly shiny, pale pilose; frons black, mainly with short black pile, minimal width/head width ratio - 1:5; vertex mainly densely pale pilose, with some shorter black pile on ocellar triangle. Antenna: scape shorter than pedicel and basoflagellomere combined; basoflagellomere 2 times as long as pedicel. Thorax: black, with weak blue-iron tinge, mainly pale pilose, with large spot of subapressed black pile on mid scutum; scutellum rather distinctly bifurcated apically, with a pair of long apical dents; wing weakly infuscated. Legs: pale pilose; coxae, trochanters and femorae black; tibiae yellow except apical half darkish anterodorsally; tarsi brownish dorsally. Abdomen: black, weakly shining; terga mainly with pale pilose; terga 3 and 4 more or less densely black pilose basally. Genitalia as in Fig. 1. FEMALE unknown.

DISTRIBUTION. Japan: Honshu.

DIAGNOSIS. The new species is similar to West Palaearctic *M. devius* Linnaeus, 1758 but differs by darker legs (in *M. devius* tibiae and tarsi almost entirely yellow), by more extensive and denser black pilose of terga 3 and 4, by shape of epandrium theca and surstyli (Fig. 1 vs. Fig. 2).

REMARKS. The comparison of European specimen of *M. devius* Linnaeus, 1758 with one recorded me from Japan [1] shows the considerable differences between them. New species differs distinctly from other Japanese *Microdon* species [2] by the pilose coloration of thoracic dorsum.

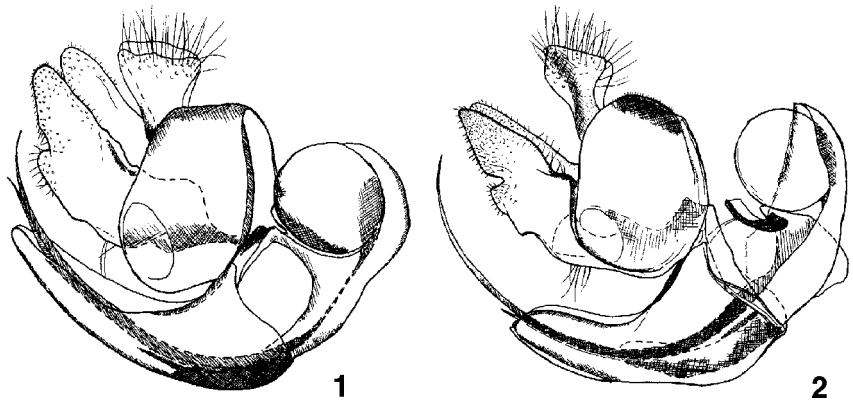
Sphegina (Sphegina) alaoglui **Hayat, 1997**

Sphegina (Sphegina) alaoglui Hayat, 1997: 110 [holotype - ♂, NE Turkey: Artvin Province, Karagol near Borcka, 1350 m, 8.VIII 1994 (Hayat)]

Sphegina (Sphegina) pontica Mutin, 1998: 239 [holotype - ♂, Russia: W Caucasus, Krasnaya Polyana, 14.VIII 1952 (Zhelochovtsev)], **syn. n.**

DISTRIBUTION. NE Turkey, Russia (W Caucasus).

REMARKS. The study of the holotype of *S. pontica* [3], the original description of *S. alaoglui* [4], as well as the drawings of holotype male genitalia of *S. alaoglui*, which have been sent me by Claus Claussen, shows the identity of these taxa.



Figs 1-2. Male genitalia, lateral aspect: 1) *Microdon nigrodorsatum*; 2) *M. devius.*

Paragus (Paragus) gulangensis **Li et Li, 1990**

Paragus (Paragus) gulangensis Li et Li, 1990: 15, 120 [holotype - ♂, China: Gansu, Gulang, Xiangling Temple, 22.VII 1984 (Li)].

Paragus (Paragus) dauricus Mutin, in Mutin & Barkalov, 1999: 373 [holotype - ♂, Russia: Chita, Pestshanka, 27.VII 1984 (Lelej)], **syn. n.**

DISTRIBUTION. China (Gansu), Russia (Chita region). W Caucasus.

REMARKS. The study of holotype of *P. dauricus* [1] and the original description of *P. gulangensis* including color photo and drawings of male genitalia [5] shows the identity of these taxa. *P. gulangensis* differs from similar *Paragus* species by shape of hypandrium upper lobe.

1. Mutin, V.A. & Barkalov, A.V. 1999. Family Syrphidae. - In: [Key to the insects of Russian Far East]. Vol. VI. Diptera and Siphonaptera. Pt 1. Vladivostok: 342-500. (In Russian).

2. Shiraki, T. 1968. Syrphidae (Insecta: Diptera). – Fauna Japonica, Vol. 2. Tokyo: 243 p.

3. Mutin, V.A. 1998. Four new species of the genus *Sphegina* Meigen, 1822 (Diptera: Syrphidae) from Russia and India. – An International Journal of Dipterological Research, 9 (3): 237-241.

4. Hayat, R. 1997. Sphegina (Sphegina) alaoglui, a new hover-fly from north-eastern Turkey (Diptera: Syrphidae). – Zoology in the Middle East, 14: 109-113.

5. Li, Zhao hua & Li, Ya zhe. 1990. Syrphidae of Gansu Province [Scientific atlas of hoverflies of Gansu Province]. – Review of China. Beijing. 128 p. (In Chinese, with English summary).

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