

Additions and corrections to the species list of the Bulgarian Chloropinae (Diptera: Chloropidae)

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Abstract. One genus (*Elachiptereicus*) and 8 Chloropinae species are reported for the first time for Bulgaria. With these new data total 20 genera with 81 species are established to subfamily Chloropinae in Bulgaria at the time being.

Key words: New species and localities, Bulgaria, *Elachiptereicus*.

Introduction

A special article was published for the species diversity, new faunistic data and contemporaries nomenclature changes concerning Bulgarian Oscinellinae species (Beschovski 2008). A new data for Chloropinae are not summarized till now. The aim of this publication is to give short information about the new species for Bulgarian fauna as far and new nomenclature correction in the species names of the subfamily in the last decade (Nartshuk 2004, 2006).

Results

I. New Chloropinae taxa for Bulgaria

Chlorops (Chlorops) fasciatus Meigen, 1830

Chlorops (Chlorops) fasciatus (*Ch. fasciatus*): Beschovski 1978: 401; - 1980: 19, 21; - 1985: 147 (as possible to be found in Bulgaria).

Chlorops adjunctus: Beschovski & Dimitrova, 1990: 155, 157 (erroneously).

Localities: Danubian Plain: Distr. Lovech, Leshmitsa Vill., 14.09.1982, meadow, 1♂, 2♀.- Middle Stara Planina Mt.: Kozya Stena Chalet, 1500 m, 14.06.1995, meadow, 1♀; Yavorova Laka Chalet, near Troyan, 3.06.1999, 1♀. - Sredna Gora Mt.: Klissura, 24.09.1981, meadow, 2♀. - Vitosha Mt. (Dimitrova leg.): Zheleznitsa (Geleznitsa) Vill., 9.05.1984, 1000 m. a. s. l., 1♀; Yarlovo locality, 24.06.1984, 1200 m. a. s. l. 1♀; Selimitsa Chalet, 10.07.1985, 1♂; Choujpetlovo (Tchuipeetlovo), 4.09.1983, 1400 m. pasture. - Plana Mt.: 1.06.1975, meadow, 1♀. - Pirin Mt.: Pirin Chalet, 6.08.1982, 1900 m, 1♂.

Taxonomic notes. The investigated specimens have a more light antennae, including and the 1-st flagellomer, yellow scutellum, and grey-brown clypeus. But the microtrichies of the 1-st flagellomer are longer than those of the arista.

Habitat. The species is collected in meadows; 190 - 1900 m; VI -IX.

Zoogeography. An Eurosiberian species, ranged in: Europe and Asia (Siberia, Mongolia, Kazakhstan, Transkaukasus).

***Neohaplegis obscuripennis* (Loew, 1874)**

The species is new and for the Balkan Peninsula.

Localities: The East Rhodopes Mts.: Distr. Haskovo, Southern from Ivailovgrad, Meden Buk Vill., 8-9.05.1996, 3♂, 3♀, leg. Manassieva.

Habitat. The specimens are collected with Maleise trap about 230 m (8-9.05.1996). V.

Zoogeography. An European species (East European-Central Asian), established at the present from: Europe: Bulgaria, Hungary, Russia (East and South), Ukraine; Asia (Kazakhstan).

***Elachiptereicus italicus* Duda, 1933**

Genus *Elachiptereicus* Becker, 1909 is new for Bulgaria too.

Localities: at the foot of Vlahina Mt.: Simitli, 20.05.1973, *Hordeum* sp., 1♀; -South Pirin Mt.: Petrich-Melnik, 20.05.1973, sand, 3♂, 2♀; Spatovo Vill., 18.05.1989, grass, 1♀. - Kozouh Mt.: Roupite Loc., 18.05.1989, grass, 1♀.

Habitat. The specimens are collected in the xerophilous grass vegetation, 140-430 m; V.

Zoogeography. A South European species at the present known from Bulgaria and Italy.

***Lasiosina intermedia* Dely-Draskovits, 1977**

The species is new for the Balkan Peninsula too.

Localities: Sredno Strumska Valley: Petrich Vic. (Petrichko), 14.04.1974, *Hordeum* sp., 1♀. - Black Sea Coast: Varna Distr.: Varnensko Ezero Lake, 25.06.1964, 1♀.

Habitat. The specimens are collected in hygrophilous vegetation. 0 – 160 m; IV, VI.

Zoogeography. An European species, reported from: Belarus, Britain Is., Bulgaria, Czech Republic, Finland, France, Germany, Hungary, Latvia, Russia Central, Slovakia, Sweden, Switzerland.

***Meromyza meigeni* Nartshuk, 2006**

Meromyza laeta BESHOVSKI and auct. nec Meigen, 1830: Beschovski (partim): - 1982: 92; - 1985: 123-124; - 2006: 658.

Localities: Vitosha Mt.: (Dimitrova lg.) Struma river, 3.09.1983, 1900 m., meadow, 2♀; Vladaya, 4.09.1984, lawn, 1100 m, 1♂; - Pirin Mt.: Bunderitsa, 9.08.1982, meadow, 1♂, 1♀; - The West Rhodopes Mts.: Second Smolyan lakes, 21.07.1977, meadow, 1♂.

Habitat. The species is collected in meso- and hygrophilous laons and meadows at 1200-1900 m. VII-IX.

Zoogeography. An European species, known at the time being from European part of Russia, Ukraine, Kazakhstan, Bulgaria, Albania, Macedonia and Bosna.

***Meromyza mosquensis* Fedoseeva, 1960**

Localities: Middle Stara Planina Mt.: Beklemeto-Karnare, 22.07.1982, pasture, 9♂; Beklemeto, 17.08.1982, pasture, 1♀; Beklemeto-Troyan, 17.08.1982, meadow, 1♀; Karnare-Beklemeto, 17.08.1982, 2♂. - Rila Mt.: Eleshnitsa locality, 900 m., 24.08.1997, 1♀; Parangalirts Reserve, 1400 m, 18.08.1997, 1♂; - The West Rhodopes Mts.: Smolyanski ezera Lakes (on table: Smolyan Lakes), 21.07.1977, meadow, 2♂. -Black Sea Coast: Varna, Aladzha monastir Locality, 26.06.1978, loan, 1♂.

Habitat. The species is collected in pastures and meadows; 10 - 1400 m; VII, VIII.

Zoogeography. Europe.

***Meromyza ornata* (Wiedemann, 1817)**

Meromyza sororcula Fedoseeva, 1962 = *Meromyza ornata* (Wiedemann, 1817) (Nartshuk & Pakalniškiss 2004: 63).

Localities: Middle Stara Planina Mt.: Troyan District: Chiflik (Tchiflik) Vill., 4.08.1997, 800 m, 1♀; Beklemeto-Karnare, 22.07.1982, pasture, 2♂; - Vitosha Mt.: Boyansko blato, VIII.1987, 1♂.

Habitat. The species is collected in mesophylous meadows and pastures; 700 - 800 m; VII, VIII.

Zoogeography. An Eurosiberian species, occurring in: Europe and Asia: Siberia, Far East, Mongolia, Kazakhstan.

***Thaumatomyia elongatula* (Becker, 1910)**

The species is new for Balkan Peninsula too.

Localities: South Pirin Mt.: Melnik-Rozhen, 11.08.1982, 1♂, 3♀ along the shade of small stream.

Habitats. The specimens are collected on the psamo-hygrophylous gramineae on the sandy stream side; 500 m; VIII.

Zoogeography. An European species, announced from Austria, Corsica, Bulgaria, Czech Republic, France, Germany, Hungary, Italy, Moldova, Poland, Russia South, Slovakia, Switzerland, The Netherlands, Ukraine.

II. Established locality in Bulgaria for the species published with common information: “...Bulgaria or BG”

***Chlorops (Sclerophallus) limbatus* Meigen, 1830**

Chlorops (Sclerophallus) brevimana Loew, 1866: Beschovski 1980: 19, 23; - 1985: 145 (as possible to be found in this country).

Chlorops (Sclerophallus) limbatus Meigen, 1830: Narchuk 2004: “Bulgaria”.

Localities: Blagoevgrad, fish farm, 14.05.1991, 1♀.

Habitat. The specimen is collected in mesophylous vegetation. 360m.V.

Zoogeography. An Eurosiberian species ranged in Europe and Asia (Kazakhstan, Siberia, Far East, Japan).

III. Nomenclature change by the literature data

***Meromyza athletica* Fedoseeva, 1974 = *M. variegata* sensu Beschovski, 1985, and auct.** (Nartshuk 2006: 181-182).

IV. Species excluded from the species list of Bulgaria

***Eutropha ruficornis* Hendel, 1931**

Chlorops (European) fulvifrons ruficornis Beschovski nec Hendel (Beschovski 1968), is simply a true *Eutropha fulvifrons* with more light antennae.

In a result of above-mentioned review one genus and 8 Chloropinae species are established for the first time in Bulgaria. With these new data total 20 genera with 81 species are established to subfamily Chloropinae in Bulgaria at the time being.

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